

06-10-2017

600-200-CAR-YPN-0038

Rev 0

Yara Pilbara Nitrates 2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

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Document Approver	Acting Plant Manager, Matthew Callanan



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Proponent Declaration

Yara Pilbara Nitrates Pty Ltd is pleased to submit this Compliance Assessment Report as per condition 4-6 of Ministerial Statement 870.

I, Matthew Callanan, Acting Plant Manager declare that I am authorised on behalf of Yara Pilbara Nitrates Pty Ltd (being the person responsible for the proposal) to submit this form and that the information contained in this form is true and not misleading.

Signature:.!

Date: 6/10/1



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1 Introduction

1.1 Purpose

The purpose of the Compliance Assessment Report (CAR) is to annually assess compliance with all conditions of Ministerial Statement 870 (MS 870), issued on 7 July 2011, as per conditions 4-3, 4-4 and 4-6 of MS 870:

- "4-3 The proponent shall assess compliance with conditions in accordance with the compliance assessment plan required by condition 4-1.
- 4-4 The proponent shall retain reports of all compliance assessments described in the compliance assessment plan required by condition 4-1 and shall make those reports available when requested by the CEO.
- 4-6 The proponent shall submit to the CEO the first compliance assessment report fifteen months from the date of issue of this Statement addressing the twelve month period from the date of issue of this Statement and then annually from the date of submission of the first compliance report. The compliance assessment report shall:
 - 1. be endorsed by the proponent's Managing Director or a person delegated to sign on the Managing Director's behalf;
 - 2. include a statement as to whether the proponent has complied with the conditions;
 - 3. identify all potential non-compliances and describe corrective and preventative actions taken;
 - 4. be made publicly available in accordance with the approved compliance assessment plan; and
 - 5. indicate any proposed changes to the compliance assessment plan required by condition 4-1."

The annual CAR is prepared in accordance with the Compliance Assessment Plan (CAP) approved 23 August 2012; and is due to be submitted to the Department of Water and Environmental Regulation (DWER)¹ annually by 8 October.

1.2 Scope

This C

This CAR (hereinafter referred as "2017 CAR") applies to the Project being developed by Yara Pilbara Nitrates Pty Ltd (YPN) to construct and operate a Technical Ammonium Nitrate (TAN) Plant located on Lot 3017 within the Burrup Strategic Industrial Area on the Burrup Peninsula, Western Australia. The TAN Plant is located approximately 13 kilometres (km) north-west of Karratha.

Implementation of the Project is subject to the conditions of MS 870. YPN as the proponent must ensure implementation of MS 870 conditions. The 2017 CAR assesses compliance against the conditions for works carried out during the reporting period 8 July 2016 to 7 July 2017. The 2017 CAR is to be submitted to the DWER by 8 October 2017. This is the sixth CAR to be submitted for the TAN Plant.

Formerly submitted to the Office of the Environmental Protection Authority.



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Additionally the 2017 CAR provides information to DWER as requested in a letter dated 21 September 2017 in response to the compliance audit undertaken by DWER in August/September 2017.

1.3 Project Details

The TAN Plant will have a production capacity of 350,000 tonnes per annum (TPA) or 915 tonnes per day (TPD) of Technical Ammonium Nitrate (TAN). The project comprises three (3) major process units, each producing a separate product in the manufacturing process:

- Nitric Acid Plant to convert ammonia and atmospheric air into nitric acid (NA).
 The NA unit has a capacity of 760 TPD as 100% weight. The main feedstock, ammonia, shall be delivered from the adjacent ammonia plant.
- Ammonium Nitrate (AN) Solution Plant to convert ammonia and NA into AN solution. This AN wet section has a capacity of 965 TPD in balance with nitric acid production capacity.
- 3. TAN Plant to convert AN solution into TAN prills (final product). This is a dry section for production of TAN prills (0.7 and 0.8 kg/l density) with a capacity of 915 TPD. Surplus AN solution shall be sold as liquid.

The project also has storage, loading and transport facilities, including an incoming liquid ammonia pipeline, bulk and bagged TAN storage, bulk loading system, bagging unit and truck loading.

1.4 CAR Public Availability

This 2017 CAR is to be placed on the Yara website, or an equivalent website, for the life of the Project. Within seven (7) days of submission of the 2017 CAR to OEPA it shall be publically available at:

http://yara.com.au/about-yara/about-yara-local/yara-pilbara/nitrates/

A URL link to the report uploaded will be sent to the Compliance Branch through the compliance@epa.wa.gov.au email address.

1.5 CAP Changes

It was identified during the preparation of the 2016 CAR that as the TAN plant moves into operational phase it is appropriate to review the existing CAP. YPN commenced the initial review in the 2017 reporting period and intends to submit the revised CAP to DWER when completed.



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2 Current Status

The Project continued commissioning during the reporting period (8 July 2016 to 7 July 2017) under DWER issued Works Approval W4701/2010/1. While some defects in the performance and start-up of some facilities were identified, these were corrected and did not have a bearing on the environmental performance of the Plant. Commissioning was completed on 15 September 2017 and a Commissioning Report was submitted to the DWER on 29 September 2017.

Environmental monitoring and reporting was completed by YPN during the reporting period. Operational control of the YPN site was handed over from the Engineering Procurement Construction (EPC) contractor to YPN on 29 March 2017. Under the terms of the EPC contract, resourcing environmental management and reporting were the responsibility of the contractor..

A Section 45C non-substantial change to the TAN Plant enabling additional storage of bagged TAN was approved on 7 June 2017. Consequently, Schedule 1 of MS870 was updated and is now consistent with contemporary EPA policy (specifically, *Environmental Assessment Guideline No. 1 – Defining the Key Characteristics of a Proposal*).

On 12 September 2017 the Federal Department of the Environment & Energy issued a variation of conditions to the EPBC Approval 2008/4546 under section 143(1)(a) of the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). YPN was advised of the variation via email on 13 September 2017.



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3 Compliance

3.1 Statement of Compliance

The results of the assessment of compliance with MS870 are shown in Table 1.

A total of 27 items were assessed. The assessment found the following:

- 12 items were found as compliant:
- 8 items were found as completed;
- 4 items were found as not required at this stage; and
- 3 items was assessed as non-compliant.

Details of the following events which lead to the non-compliant items are contained within Section 3.4:

- Non-compliance #1 and #2 Failure to report groundwater results within seven (7) days (items M4-5 and M8-5); and,
- Non-compliance #3 Failure to fully implement air quality monitoring requirements (item M5-2).

In preparation of this 2017 CAR, YPN has referred to historic correspondence between YPN and various regulators that has been cited as evidence in previous CARs. Where YPN does not currently have the original or a copy of the evidence, but reference to the evidence has been previously made, the evidence has been flagged as "not sighted". A full list of "not sighted" evidence is provided within Section 5.



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3.1.1 Proposal and Proponent Details

Proposal Title	Burrup Technical Ammonium Nitrate Production Facility
Statement Number	Statement Number 870
Proponent Name	Yara Pilbara Nitrates Pty Ltd
Proponent's Australian Company Number (where relevant)	127 391 422

3.1.2 Statement of Compliance Details

Reporting Period		8	8 July 2016 to 7 July 2017							
Implementation phase(s) during reporting period (please tick ✓ relevant phase(s))										
Pre-construction		Construction ²	✓	Operation		Decomr	missioning			
Audit Table for State	ement	addressed in this Sta	atemei	nt of Compliance is p	rovide	d at:	Section 3.2	2		
Were all implementation conditions and/or procedures of the Statement complied with within the reporting period? (please tick ✓ the appropriate box)										
No Yes										

² The more appropriate term for the implementation phase during the report period is "commissioning".



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3.2 MS 870 Compliance Assessment

In assessing compliance the following definitions have been used:

Compliance Status Terms	Abbreviation	Definition
Compliant	С	Implementation of the proposal has been carried out in accordance with the requirements of the audit element.
Completed	CLD	A requirement with a finite period of application has been satisfactorily completed.
Not required at this stage	NR	The requirements of the audit element were not triggered during the reporting period.
Potentially non- compliant	PNC	Possible or likely failure to meet the requirements of the audit element.
Non-compliant	NC	Implementation of the proposal has not been carried out in accordance with the requirements of the audit element.

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MS870 Compliance Assessment Audit Table Table 1

Audit Code	Subject	Action	How	Evidence	Satisfy	Advice	Phase	When	Status	Further Information / Verification October 2017
870: M1-1	Proposal Implementation	The proponent shall implement the proposal as documented and described in schedule 1 of this statement subject to the conditions and procedures of this statement.	Implement the proposal according with Schedule 1 of Statement No. 870, including the key proposal characteristics.	CAR.	Min for Env		Overall	Ongoing	С	The Proposal has been implemented in accordance with all elements in Schedule 1 (see Table 2). In response to the request for verification from DWER dated 21 September 2017 an email from OEPA, dated 12 May 2017, confirmed the disturbance area from GIS files provided with the s45C application (Attachment 1) had reduced from 35 ha to 33.11 ha. The disturbance area is the area within the site fence and no additional disturbance has occurred.
870: M2-1	Proponent Nomination and Contact Details	The proponent for the time being nominated by the Minister for Environment under sections 38(6) or 38(7) of the Environmental Protection Act 1986 is responsible for the implementation of the proposal.	Notify in writing a letter that provides details of the name and address of the new proponent.	Proponent details as listed on MS 870.	Min for Env		Overall	Ongoing	С	The proponent contact details are Yara Pilbara Nitrates Pty Ltd (ACN 127 391 422), Level 5, 182 St Georges Terrace, Perth, WA 6000. As advised to OEPA and acknowledged on 15 November 2012 and 17 December 2012 respectively (not sighted).
870: M2-2	Proponent Nomination and Contact Details	The proponent shall notify the Chief Executive Officer of the Office of the Environmental Protection Authority (CEO) of any change of the name and address of the proponent for the serving of notices or other correspondence within 30 days of such change.	Notify in writing.	Letter of notification.	CEO		Overall	Within 30 days of such change	NR	No change within reporting period.
870: M3-1	Time Limit of Authorisation	The authorization to implement the proposal provided for in this statement shall lapse and be void five years after the date of this statement if the proposal to which this statement relates is not substantially commenced	Notify in writing.	Letter of notification.	CEO		Overall	Before 7 July 2016	CLD	Project commenced construction during November 2012 (letter notifying EPA of substantial commencement not sighted).
870: M3-2	Time Limit of Authorisation	The proponent shall provide the CEO with written evidence which demonstrates that the proposal has substantially commenced on or before the expiration of five years from the date of this statement.	Notify in writing.	Letter of notification.	CEO		Overall	Before 7 July 2016	CLD	Project commenced construction during November 2012 (letter notifying EPA of substantial commencement not sighted).
870: M4-1	Compliance Reporting	The proponent shall prepare and maintain a compliance assessment plan to the satisfaction of the CEO.	Prepare and maintain a CAP and an audit table in accordance with the 'Post Assessment Guideline for Preparing an Audit Table'. Written Correspondence.	Approved CAP. Approved Audit Table-A copy of Corresponde nce to CEO.	CEO		Overall	Ongoing	С	TAN Plant Compliance Assessment Plan (MS 870) (CAP) rev. 01 was submitted on 9 August 2012. The OEPA approved the CAP in a letter dated 23 August 2012 (Attachment 4A). YPN initiated a review of the CAP in the 2016 reporting period but is yet to be completed.
870: M4-2	Compliance Reporting	The proponent shall submit to the CEO the compliance assessment plan required by condition 4-1 at least 6 months prior to the first compliance report required by condition 4-6, or prior to implementation, whichever is sooner. The compliance assessment plan shall indicate: 1. the frequency of compliance reporting; 2. the approach and timing of compliance assessments; 3. the retention of compliance assessments; 4. the method of reporting of potential non-compliances and corrective actions taken; 5. the table of contents of compliance assessment reports; and 6. public availability of compliance assessment reports.	Submit the CAP to CEO. The CAP includes: 1. frequency of CAR, 2.approach and timing, 3.retention, methods of non- compliances and corrective actions reporting, 5. Table of contents of CAR and 6. Public availability of CAR.	Approved CAP. A copy of Corresponde nce to CEO. Available on proponent's website.	CEO		Pre- construction	Six (6) months prior to the first CAR by condition 4-6 (by 8 April 2012) or prior to implementati on, whichever is sooner	CLD	TAN Plant Compliance Assessment Plan (MS 870) (CAP) was submitted on 9 August 2012. The OEPA approved the CAP in a letter dated 23 August 2012 (Attachment 4A).



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Audit Code	Subject	Action	How	Evidence	Satisfy	Advice	Phase	When	Status	Further Information / Verification October 2017
870: M4-3	Compliance Reporting	The proponent shall assess compliance with conditions in accordance with the compliance assessment plan required by condition 4-1.	Undertake assessment according to the approved CAP.	CAR.	Min for Env		Overall	CAR annually by 8 October	С	Compliance has been assessed annually, as evidenced by annual CARs.
870: M4-4	Compliance Reporting	The proponent shall retain reports of all compliance assessments described in the compliance assessment plan required by condition 4-1 and shall make those reports available when requested by the CEO.	Retain electronic and hardcopies of Compliance Assessment Reports for the life of the Project, maintained as per PROPOSAL's Document Control Management System requirements being retrieved if required.	CAR and records availability at the request of CEO	CEO		Overall	When required by CEO	С	Annual CARs are retained by YPN and are available on http://www.yara.com.au/about-yara/about-yara-local/yara-pilbara/nitrates/
870: M4-5	Compliance Reporting	The proponent shall advise the CEO of any potential non-compliance within seven days of that non-compliance being known.	Notify in writing.	A copy of corresponde nce to CEO.	CEO		Overall	Within 7 days of non- compliance being known	NC	YPN advised OEPA of an exceedance of groundwater trigger values on 6 December 2016 (Attachment 4B). Exceedance was reported within seven days after receiving results on 29 November 2016. YPN advised OEPA on 3 April 2017 that groundwater monitoring undertaken on 15 March 2017 identified exceedance of trigger values. Exceedance was reported beyond the seven (7) days after receiving results on 24 March 2017 (Attachment 4C), as described in
870: M4-6	Compliance Reporting	The proponent shall submit to the CEO the first compliance assessment report fifteen months from the date of issue of this Statement addressing the twelve month period from the date of issue of this Statement and then annually from the date of submission of the first compliance report. The compliance assessment report shall: 1. be endorsed by the proponent's Managing Director or a person delegated to sign on the Managing Director's behalf; 2. include a statement as to whether the proponent has complied with the conditions; 3. identify all potential noncompliances and describe corrective and preventative actions taken; 4. be made publicly available in accordance with the approved compliance assessment plan; and 5. indicate any proposed changes to the compliance assessment plan required by condition 4-1.	Submit the CAR to CEO in accordance with CAP. The CAR shall: 1. be endorsed by the proponent's Managing Director or a person delegated; 2. include a statement of compliance with conditions; 3. identify all potential noncompliances and describe corrective measures; 4. Be made publicly available; and 5. Proposed changes.	CAR. Uploaded on to proponent's website. A copy of Corresponde nce to CEO.	CEO		Overall	The first CAR due to be submitted 8 October 2012. Then, annually on or before 8 October each year.	С	During construction phase, CARs were prepared by the engineering, procurement and construction contractor and have been submitted annually on behalf of YPN; CAR 2012 was submitted to OEPA on 10 October 2012, (not sighted) CAR 2013 was submitted on 13 November 2013 (Attachment 4D) CAR 2014 was submitted on 26 September 2014 (Attachment 4E) CAR 2015 was submitted on 4 March 2016 (Attachment 4F). CAR 2016 was submitted on 6 October 2016 (Attachment 4G). The 2017 CAR will be submitted to DWER on or before 8 October 2017. Environmental reporting was completed by YPN during the reporting period. Operational control of the YPN site was handed over from the EPC contractor to YPN on 29 March 2017. Under the terms of the EPC contract, resourcing environmental management and reporting were the responsibility of the contractor. However, due to deficiencies in this arrangement YPN assumed responsibility for these functions in mid-2016. CARs are endorsed by the YPN Plant Manager, include a statement of compliance, are retained by YPN and are available on http://www.yara.com.au/about-yara/about-yara-local/yara-pilbara/nitrates/



Audit Code	Subject	Action	How	Evidence	Satisfy	Advice	Phase	When	Status	Further Information / Verification October 2017
870: M5-1	Air Quality	The proponent shall adopt and implement best practice pollution control technology as determined by the Chief Executive Officer of the Department of Environment and Conservation (DEC) on advice of the CEO to minimise all relevant emissions from the TAN Plant Ammonium Nitrate Prilling Plant.	Adopt and implement EFMA - Best Available Techniques for Pollution Prevention and Control in the European Fertilizer Industry, Booklet No. 6 of 8: Production of Ammonium Nitrate and Calcium Ammonium Nitrate, 2000 (EFMA, 2000b) from the Common Stack (other sources) for the AN Plant. DEC to incorporate stack emission concentration figures in the Works Approval and Licence that are commensurate with the use of best practice pollution control technology. Air Dispersion Modelling Study. Operation Air Quality and Monitoring Management (OAQMM) Plan for MINISTER approval. Written correspondence.	CAR. Air Dispersion Modeling Study. Air Quality reports, monitoring records. A copy of Corresponde nce to CEO/DEC	DEC	CEO	Overall	Ongoing	С	TAN Plant Air Quality Management Plan Doc. No. 0086269 February 2013 and submission on best practice pollution technology was reviewed by the OEPA and is considered to address relevant conditions (Attachment 5A).
870: M5-2	Air Quality	Prior to construction, the proponent shall prepare and implement an ambient air monitoring programme to the satisfaction of the CEO on the advice of the Chief Executive Officer of the DEC	Prepare a Construction/Operation Air Quality and Monitoring Management (AQMM) Plan for Minister approval. Implement the AQMM Plan. Written correspondence.	CAR. Air Quality report. A copy of Corresponde nce to CEO/DEC.	CEO	DEC	Overall	Ongoing	NC	TAN Plant Air Quality Management Plan (AQMP) Doc. No. 0086269 February 2013 was reviewed by the OEPA and is considered to address relevant conditions (Attachment 5A). Within this reporting period, a request for variation to the implementation of the AQMP was approved by OEPA on 22 December 2016 (Attachments 5B and 5C). The variation permitted that future air quality monitoring was to be carried out as described within the "Operational Monitoring" section in the approved Plan. It is intended that the AQMP will be reviewed and revised upon issuance of the Operating Licence. Air quality monitoring was not effectively implemented during the reporting period, as described in Section 0 and Section 4.1.



Audit Code	Subject	Action	How	Evidence	Satisfy	Advice	Phase	When	Status	Further Information / Verification October 2017
870: M6-1	Rehabilitation	The proponent shall undertake rehabilitation to achieve the following outcomes: 1. The project area shall be non-polluting and shall be constructed so that its final shape, stability, surface drainage, resistance to erosion and ability to support local native vegetation are comparable to natural landforms within the local area, as demonstrated by a methodology acceptable to the CEO; 2. Native vegetation areas disturbed through implementation of the proposal, shall be progressively rehabilitated with vegetation composed of Plant species native to the Burrup Peninsula from propagating material of local provenance (as agreed by the CEO in consultation with the DEC); 3. Areas not currently supporting native vegetation shall be rehabilitated to the original land use or a use approved by the CEO; 4. The percentage cover of living vegetation in all rehabilitation areas shall be comparable with that of nearby undisturbed land as demonstrated by a methodology acceptable to the CEO; 5. No new species of weeds (including both declared weeds and environmental weeds) shall be introduced into the area as a result of the implementation of the proposal; and 6. The coverage of weeds (including both declared weeds and environmental weeds) within the rehabilitation areas shall not exceed that identified in baseline monitoring undertaken prior to the commencement of operations, or exceed that existent on comparable, nearby land which has not been disturbed during implementation of the proposal.	Prepare a Construction Terrestrial Vegetation and Flora Management (CTVFM) Plan for MINISTER approval. Implement the CTVFM Plan. Prepare a Construction Weed Management (CWM) Plan for MINISTER approval. Implement the CWM Plan. Written correspondence.	CAR. Construction rehabilitation reports and inspection records. A copy of Corresponde nce to CEO/DEC.	CEO	DEC	Overall	Ongoing	С	No progressive rehabilitation has been undertaken at the TAN Plant to date and at this stage, as all disturbed areas remain in use, no rehabilitation activities are planned. YPN continue to assess land use onsite and where opportunities exit to progressively rehabilitate this will be done in accordance with the CTVFM. Preventative weed controls have been implemented in accordance with the Construction Weed Management Plan. In addition, weed surveys were conducted by an independent botanist in December 2016 and April 2017. The January report was submitted to DWER on 31 January 2017 (Attachment 6A). The second survey was undertaken following rain in January and February (Attachment 6B). One new weed (two plants) was recorded in the April 2017 survey. These plants were removed. Ongoing weed surveys will be conducted to verify effectiveness of weed management and presence of new species.
870: M6-2	Rehabilitation	Rehabilitation activities shall continue until such time as the requirements of condition 6-1 are demonstrated by inspections and reports to have been met for a minimum of five years, to the satisfaction of the CEO on advice of the DEC.	Prepare an Operation Terrestrial Vegetation and Flora Management (OTVFM) Plan for MINISTER approval. Implement the OCTVFM Plan. Prepare an Operation Weed Management (OWMP) Plan for MINISTER approval. Implement the OWM Plan. Written Correspondence.	CAR. Operation rehabilitation reports and inspection records. A copy of Corresponde nce to CEO/DEC.	CEO	DEC	Post- decommissio ning	Until such time as the requirements of condition 6-1 are demonstrate d by inspections and reports to have been met for a minimum of five years.	NR	No progressive rehabilitation has been undertaken at the TAN Plant to date and at this stage, as all disturbed areas remain in use, no rehabilitation activities are planned. YPN continue to assess land use onsite and where opportunities exit to progressively rehabilitate this will be done in accordance with the CTVFM
870: M7-1	Fauna	The proponent shall employ such structures and apparatus as are necessary and agreed by the DEC to deter birds from entering the contaminated water pond, clean water pond, and sewage wastewater treatment station evaporation pond	Employ structures and apparatus to deter birds from entering the contaminated and clean ponds. Seek advice from DEC.	CAR. A copy of Corresponde nce to DEC/CEO.	CEO	DEC	Overall	Ongoing	С	Bird deterrent systems were assessed and the preferred option agreed by Department of Parks and Wildlife as appropriate for the site (Attachment 7A). Bird deterrent wires have been installed over contaminated water ponds, clean water ponds, and sewage wastewater treatment evaporation pond, as described in the Bird Deterrent Systems Assessment Report (Attachment 7B). (see also photograph – Attachment 7C)



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870: M7-2	Fauna	During construction of the TAN Plant the proponent shall ensure that the following requirements are met: 1. Fauna refuges are to be placed in the trenches and other construction related voids at intervals not exceeding 50 metres; 2. The proponent shall employ at least two "faunaclearing people" that are appropriately licensed by the DEC to remove fauna from the trenches and other construction related voids; 3. Inspection and clearing of fauna from trenches and other construction related voids by fauna clearing people shall occur at least twice daily and not more than half an hour prior to backfilling of trenches and other construction related voids, with the first daily inspection and clearing to be completed no later than 3.5 hours after sunrise, and the second inspection and clearing to undertaken daily between the hours of 3:00 pm and 6:00 pm; 4. In the event of rainfall, the proponent shall, following the clearing of fauna from the trenches and other construction related voids, pump out any pooled water in the open trenches and other construction related voids (with the exception of groundwater) and discharge it via a mesh (to dissipate energy) to adjacent vegetated area, having regard for the DEC's draft guideline on the treatment and management of acid sulfate soils and water in acid sulfate soil landscapes (DEC, 2009) and any subsequent revisions; and 5. Within 14 days following completion of the construction activities requiring the use of open trenches and other construction related voids, the proponent shall provide a report on fauna found, both dead and alive, within the TAN Plant site boundary to the CEO.	Implement the Construction Terrestrial Fauna Management (CTFM) Plan for MINISTER approval. Report on Fauna Found.	CAR. Construction Fauna Found reports. Trench Inspections reports.	CEO	DEC	Pre-construction Construction	Ongoing Fauna Found Report Within 14 days	CLD	Construction was completed in February 2016, outside of this reporting period. No further construction works were conducted that resulted in excavation of trenches or construction-related voids. In response to the request for verification from DWER dated 21 September 2017 Attachment 7D is an extract from 6-monthly compliance reports of the fauna found at the TAN Plant during construction (February 2013 to December 2015).
870: M8-1	Groundwater	The proponent shall undertake detailed hydrogeological studies commencing at least 12 months prior to the commencement of construction to quantify groundwater quality, groundwater flow directions, and the depth to groundwater beneath the TAN Plant site and in surrounding areas.	Undertake Hydrogeological Studies.	Hydrogeolog ical studies Report.	CEO		Pre- construction	Ongoing	CLD	Hydrogeological and Hydrological Investigation was prepared by Environmental Resources Management (ERM) and issued in September 2011 (not sighted). Attachment 8A is a copy of the Hydrogeological and Hydrological Investigation report dated June 2012.
870: M8-2	Groundwater	The proponent shall develop appropriate management measures for dewatering to the satisfaction of the CEO on advice of the DEC and the Department of Water in the event that the information gathered from the hydrogeological studies required by condition 8-1 indicates that dewatering would be required during construction	Prepare the Construction Water Quality Management Plan for MINISTER approval, including if required, dewatering management. Written correspondence.	CAR. Groundwater reports. A copy of corresponde nce.	CEO	DEC DoW	Pre- construction	Ongoing	CLD	The Project commenced commissioning in February 2016 and continued commissioning during the reporting period. Consequently no construction activities required dewatering. Furthermore, there are no further construction activities planned which would require groundwater dewatering.



Audit Code	Subject	Action	How	Evidence	Satisfy	Advice	Phase	When	Status	Further Information / Verification October 2017
870: M8-3	Groundwater	The proponent shall design, construct, and locate groundwater monitoring bores to the satisfaction of the CEO on advice of the DEC and the Department of Water, having regard for the outcomes of the hydrogeological studies required by condition 8-1 and the Department of Water's Water Quality Protection Note 30 on Groundwater Monitoring Bores.	Prepare and implement Water Quality Management Plan for MINISTER approval, including groundwater monitoring. Written correspondence.	CAR. Groundwater monitoring report.	CEO	DEC DoW	Overall	After outcomes of the hydrogeologi cal studies	С	The Hydrogeological and Hydrological Investigation report contains the original bore installation records (Attachment 8A). Due to Construction and decommissioning activities, wells MW1 and MW4 were affected and two replacement bores were drilled on the 7 September 2013 by GHD. The rationale for the location of the new bores is explained in the Groundwater Monitoring Well Re-location Report provided by ERM, 14 February 2014 (Attachment 8B). An additional bore up-gradient of MW1 was installed in April 2017. The CEO was informed of the installation via letter in January 2017 (Attachment 8C).
870: M8-4	Groundwater	The proponent shall sample/monitor all groundwater bores required by Condition 8-3 every six months and shall set groundwater monitoring trigger values at a value of 10% above the baseline contaminant concentrations obtained from the hydrogeological studies required by condition 8-1.	Implement Water Quality Management Plan, including groundwater monitoring.	CAR. Groundwater reports, records.	CEO		Overall	Every six months	С	During the reporting period groundwater monitoring was conducted twice, in November 2016 and March 2017. Both sets of results were compared and reported against to the groundwater monitoring trigger values. The 22 November 2016 sampling results were reported to the OEPA on 6 December 2016 (Attachment 8D.1 and 8D.2). The 15 March 2017 sampling results were reported to the OEPA on 3 April 2017 (Attachment 8D.3 and 8D.4). Future reporting will include results from a new bore up-gradient of the MW1 to represent offsite groundwater quality.
870: M8-5	Groundwater	In the event that monitoring required by condition 8-4 indicates an exceedance of trigger levels: 1. The proponent shall report such findings to the CEO within 7 days of the exceedance being identified; 2. The proponent shall provide evidence which allows determination of the cause of the exceedance; 3. If determined by the CEO to be project attributable, the proponent shall submit actions to be taken to address the exceedance within 7 days of the determination being made to the CEO; 4. The proponent shall implement actions to address the exceedance and shall continue until such time as the CEO determines that the remedial actions may cease; and 5. The proponent shall submit bi-annually, or at a frequency defined to the satisfaction of the CEO, the results of monitoring required by condition 8-4 to the CEO, until such time as the CEO determines that reporting may cease.	Implement Water Quality Management Plan, including groundwater monitoring. Written correspondence.	CAR. Groundwater monitoring report, records. A copy of corresponde nce to CEO advising of any exceedance. A copy of corresponde nce to CEO submitting remedial action taken.	CEO		Overall	Within 7 days of the exceedance. Monitoring results biannually, or a frequency defined by CEO	NC	Groundwater monitoring was conducted on 22 November 2016, and reported to the OEPA on 6 December 2016 (see Attachment 8D.1 and 8D.2). Groundwater monitoring was conducted on 15 March 2017 and results were received on 24 March 2017. The exceedance report dated 3 April 2017 was not submitted within seven (7) days after receiving results (Attachment 8E.1 and 8E.2), as described in Section 3.4.1 and Section 4.2.
870: M8-6	Groundwater	The proponent shall make the monitoring reports required by condition 8-5(5) publicly available in a manner approved by the CEO	Seek approval from CEO for the monitoring reports.	Monitoring reports publicly available as indicated by CEO. A copy of corresponde nce to CEO.	CEO		Overall	Biannually, or a frequency defined by CEO	С	Groundwater Monitoring Reports for the monitoring period are publically available at http://yara.com.au/about-yara/about-yara-local/yara-pilbara/nitrates/ .
870: M9-1	Acid Sulphate Soils	The proponent shall undertake intrusive acid sulphate soils investigations prior to the commencement of construction	Undertake intrusive acid sulphate investigations.	Acid Sulphate Investigation Report.	CEO		Pre- construction	Ongoing	CLD	A Preliminary Acid Sulfate Soil Investigation Report was issued in August 2011 (Attachment 9A). DEC Contaminated Sites Branch reviewed this report and deemed that it met the requirements of M9.1 (Attachment 9B).



Audit Code	Subject	Action	How	Evidence	Satisfy	Advice	Phase	When	Status	Further Information / Verification October 2017
870: M9-2	Acid Sulphate Soils	In the event that acid sulphate soils are disturbed during construction of the TAN Plant, the proponent shall treat and manage acid sulphate soils in accordance with the requirements of the DEC's draft guideline on the treatment and management of acid sulfate soils and water in acid sulfate soil landscapes (DEC, 2009) and any subsequent revisions.	Preparation of Acid Sulphate Soils (ASS) Management Plan, if required.	ASS Reports.	CEO	DEC	Construction	After ASS are disturbed	NR	Field investigations undertaken indicate the absence of Acid Sulphate soils within or adjacent to the proposed construction area and as such there was no requirement to develop an Acid Sulphate soils Management Plan. This was supported by DEC Contaminated Sites Branch (Attachment 9B).
870: M10-	Decommissioning	Prior to undertaking ground-disturbing activities, the proponent shall: 1. describe the rationale for the siting and design of Plant and infrastructure as relevant to environmental protection; 2. prepare a conceptual plan of the final landform at closure; 3. prepare a plan for a care and maintenance phase; and 4. prepare an initial plan for the management of noxious materials following closure.	Preparation of Decommissioning Plan.	Decommissi oning Report.	CEO		De- commissioni ng	Prior to undertaking ground- disturbing activities	CLD	The Decommissioning Environmental Management Plan (DEMP) has been prepared by YPN and submitted to OEPA (Attachment 10A). The DEMP was approved by the OEPA 23 October 2015 (Attachment 10B).
870: M10- 2	Decommissioning	At least six months prior to the anticipated date of closure, the proponent shall meet the following decommissioning criteria: 1. removal or, if agreed in writing by the appropriate regulatory authority, retention of Plant and infrastructure agreed in consultation with relevant stakeholders; and 2. identification of contaminated areas, including provision of evidence of notification and proposed management measures to relevant statutory authorities. Note: Closure is defined as production has ceased and, Plant and infrastructure removed, and contaminated areas remediated.	Implementation of Decommissioning Plan.	Decommissi oning reports. A copy of corresponde nce.	Min for Env		De- commissioni ng	At least six months prior to date of closure	NR	Once commissioned the TAN Plant is anticipated to operate for at least 20 years.



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3.3 Schedule 1 Compliance Assessment

Schedule 1 of MS870 provides a description of the approved TAN Plant and includes a summary of key proposal characteristics. The Schedule was modified via a Section 45C change to the proposal on 7 June 2017. Modifications made to the Compliance Assessment of Key Characteristics Table (as shown in Table 2) were:

- decrease the development envelope (area of project lease) from 79 to 48.77 hectares (ha);
- decrease the disturbance footprint from 35 to 33.11 ha;
- remove bagged and bulk TAN storage capacity; and
- update figures 1 and 2 and delineation coordinates.

Condition 1.1 of MS870 (Audit Code, 870:M1.1) requires that the TAN Plant shall be implemented as documented and described in Schedule 1 of MS870. Table 2 documents the assessment of compliance against the key characteristics of the TAN Plant.

Table 2 Compliance Assessment of Key Characteristics

Requirement		Status	Further Information
The proponent shall implement the proposal as documented and described in schedule 1 of this statement subject to the conditions and procedures of this statement.		С	The proposal has been implemented in accordance with all elements of Schedule 1.
Element	Authorised Extent		
General			
Technical ammonium nitrate production facility (TAN Plant) capacity	350,000 tonnes of technical ammonium nitrate (TAN) per annum.	С	
Development Envelope	48.77 ha	С	Lease and TAN Plant boundary updated to reflect the size and area of Lot 3017 within the Burrup Industrial Estate.
Disturbance Footprint	33.11 ha	С	Area of disturbance revised to reflect the area disturbed within the Project lease, ie 33.11 ha. Email from OEPA, dated 12 May 2017, confirms the disturbance area from GIS files provided with the s45C application (Attachment 1) had reduced from 35 ha to 33.11 ha.
Main Process Units			
Nitric acid Plant	Capacity – 760 tonnes per day.	С	
Ammonium nitrate solution Plant	Capacity – 965 tonnes per day.	С	

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Requirement		Status	Further Information				
TAN prilling Plant	Capacity – 915 tonnes per day.	С					
Storage, loading, and transport Liquid ammonia pipeline							
Liquid ammonia pipeline between the TAN Plant and the adjacent YARA Pilbara Fertilisers Pty Ltd (YPFPL)	710 meters long.	С					
Wastewater discharge pipeline	Connecting the TAN Plant to the Water Corporation facility	С					
Outputs		•					
Nitrogen oxides (NO _x)	Up to 135 t/yr. Nitric acid Plant stack - up to 4.2 g/s. Nitric acid plant storage tanks - Vents A & B - up to 0.04 g/s each vent.	С					
Nitrous oxide (N ₂ O)	Up to 163.7 t/yr, 5.5 g/s.	С					
Carbon monoxide (CO)	Up to 41 t/yr, 1.3 g/s.	С					
Methane (CH ₄)	Up to 17.8 t/yr, 0.6 g/s.	С					
Ammonia (NH ₃)	Ammonium nitrate prilling plant "common stack" - Refer to Condition 5. Nitric acid Plant stack - up to 0.02 g/s.	С					
Particulate matter [as total suspended particulates (TSP)]	Ammonium nitrate prilling plant "common stack" - Refer to Condition 5.	С	Performance will be verified during operation phase.				
Sulphur dioxide (SO ₂)	Trace.	С					
Carbon dioxide (CO ₂) [produced]	Up to 532.6 t/yr, 17.8 g/s.	С					
Total greenhouse gas emissions	Approximately 84,451 tonnes of CO ₂ -e per year.	С					
Greenhouse gas intensity	Approximately 0.241 tonnes of CO ₂ -e per tonne of TAN.	С					
Solid waste	Up to 120 kilograms per day (organic matter from the off-specification prills).	С					



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3.4 Details of Non-Compliance(s) and/or Potential Non-Compliance(s)

3.4.1 Non-compliance / potential non-compliance # 1 & #2

Which implementation condition or procedure was non-compliant or potentially	/ non-compliant?
870:M4-5 – "The proponent shall advise the CEO of any potential non-comdays of that non-compliance being known" and	pliance within seven
870:M8-15 – "In the event that monitoring required by condition 8-4 indicate trigger levels:	es an exceedance of
1. The proponent shall report such findings to the CEO within 7 days of the identified;"	e exceedance being
Was the implementation condition or procedure non-compliant or potentially n	on-compliant?
Non-compliant	
On what date(s) did the non-compliance or potential non-compliance occur (if	applicable)?
30 March 2017	
Was this non-compliance or potential non-compliance reported to the General	Manager, OEPA?
✓ Yes ☐ Reported to OEPA verbally ☐ Reported to OEPA in writing ☐ Date 3 April 2017	□No
What are the details of the non-compliance or potential non-compliance and extent of and impacts associated with the non-compliance or potential non-compliance.	
In accordance with condition 8-4 YPN undertook groundwater monitoring or 24 March 2017 results were returned from the analysing laboratory reporting number of analytes at some of the monitoring wells were above the groundward values set for the TAN plant. These results were not reported to the OEF 30 March 2017) as required conditions 4-5 and 8-5.1.	that the results for a ter monitoring trigger
What is the precise location where the non-compliance or potential non-coapplicable)? (please provide this information as a map or GIS co-ordinates)	mpliance occurred (if
Not applicable	
What was the cause(s) of the non-compliance or potential non-compliance?	
Failure to notify the OEPA within 7 days of receiving the groundwater results.	
What remedial and/or corrective action(s), if any, were taken or are propresponse to the non-compliance or potential non-compliance?	osed to be taken in
YPN are conducting an investigation into the extent of impact to groundwater required with respect to the elevated levels of analytes in the TAN monitoring reported to DWER once complete.	



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What measures, if any, were in place to prevent the non-compliance or potential non-compliance before it occurred? What, if any, amendments have been made to those measures to prevent re-occurrence?

This is an outcome of the investigation and will be reported to DWER once complete.

Please provide information/documentation collected and recorded in relation to this implementation condition or procedure:

- in the reporting period addressed in this Statement of Compliance; and
- as outlined in the approved Compliance Assessment Plan for the Statement addressed in this Statement of Compliance.

(the above information may be provided as an attachment to this Statement of Compliance)



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3.4.2 Non-compliance / potential non-compliance # 3

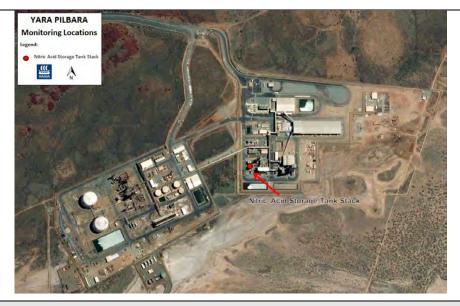
Which implementation condition or procedure was non-compliant or potentiall	y non-compliant?
870:M5-2 – "Prior to construction, the proponent shall prepare and imple monitoring programme to the satisfaction of the CEO on the advice of the C of the DEC."	
Was the implementation condition or procedure non-compliant or potentially n	non-compliant?
Non-compliant	
On what date(s) did the non-compliance or potential non-compliance occur (if	applicable)?
8 July 2016 to 7 July 2017	
Was this non-compliance or potential non-compliance reported to the Genera	I Manager, OEPA?
☐ Yes ☐ Reported to OEPA verbally ☐ Date ☐ Reported to OEPA in writing ☐ Date	☑ No
What are the details of the non-compliance or potential non-compliance and extent of and impacts associated with the non-compliance or potential non-compliance.	
An ambient air quality monitoring programme for the construction and oper TAN Plant was defined in the TAN Plant Air Quality Management Plan (AQMI OEPA.	
TAN Plant was defined in the TAN Plant Air Quality Management Plan (AQMI	AQMP was approved lity monitoring was to approved Plan. The
TAN Plant was defined in the TAN Plant Air Quality Management Plan (AQMI OEPA. Within this reporting period, request for variation to the implementation of the by OEPA on 22 December 2016. The variation permitted that future air quality carried out as described within the "Operational Monitoring" section of the air quality monitoring was not effectively implemented during the reporting permitted.	AQMP was approved by the AQMP was approved dity monitoring was to a approved Plan. The eriod, as described in as to be conducted at Nitric Plant stack and the exception to the
TAN Plant was defined in the TAN Plant Air Quality Management Plan (AQMI OEPA. Within this reporting period, request for variation to the implementation of the by OEPA on 22 December 2016. The variation permitted that future air quabe carried out as described within the "Operational Monitoring" section of the air quality monitoring was not effectively implemented during the reporting persection 4.1. Additionally, within the AQMP Operational Monitoring section, monitoring was the stack emission sources including the Nitric Acid Plant Stack, Ammonium Nitric Acid Storage Tank stacks. The specified monitoring was completed with Nitric Acid Storage headspace testing monitoring. As such, the monitor	AQMP was approved by the AQMP was approved dity monitoring was to approved Plan. The eriod, as described in as to be conducted at Nitric Plant stack and high the exception to the ring program is non-



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What was the cause(s) of the non-compliance or potential non-compliance?

Due to the change in the air emissions risk profile of the site and the extended duration of the construction phase, ambient air quality monitoring equipment was not adequately maintained or serviced during the period and consequently did not adequately perform.

As a consequence of the "campaign" style commissioning activities causing difficulties in scheduling external stack testers and the nitric acid storage tanks being under repair for the majority of the reporting period, testing of the nitric acid tank headspace was not undertaking in the reporting period.

What remedial and/or corrective action(s), if any, were taken or are proposed to be taken in response to the non-compliance or potential non-compliance?

YPN engaged an air quality expert to review the ambient air quality monitoring requirements in November 2016. This review has been used to consider the monitoring undertaken, including equipment and will be used to amend the AQMP. YPN intend to submit the revised AQMP to DWER for approval, following issuance of the operating licence by DWER. In addition, since January 2017, YPN has hired the equipment required to undertake the monitoring and are in the process of purchasing same equipment from a suitable vendor.

YPN have scheduled to complete the headspace testing as early as practical within the next reporting period. In the interim YPN process engineers are developing a calculated model of these emissions that can be verified during the headspace testing by the external stack testers. It should be noted that filters on the nitric acid tank vents are in place to manage any emissions from the tank headspace.

What measures, if any, were in place to prevent the non-compliance or potential non-compliance before it occurred? What, if any, amendments have been made to those measures to prevent re-occurrence?

Yara environmental personnel now have direct control and accountability for the ambient air quality monitoring at the TAN Plant. Construction related dust impacts are no longer a major risk for the site and the focus is on implementing the operational phase ambient air monitoring to ensure that production related emissions to air are managed and minimised.



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Please provide information/documentation collected and recorded in relation to this implementation condition or procedure:

- in the reporting period addressed in this Statement of Compliance; and
- as outlined in the approved Compliance Assessment Plan for the Statement addressed in this Statement of Compliance.

(the above information may be provided as an attachment to this Statement of Compliance)



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4 Environmental Monitoring

During the reporting period the following environmental monitoring is required to be implemented to meet MS870:

- Ambient air monitoring (as required by condition 5-2); and
- Groundwater monitoring (as required by condition 8-4)

4.1 Air Monitoring

Condition 5-2 of MS870 requires that YPN develops and implements an ambient air monitoring programme to the satisfaction of the CEO on the advice of the Chief Executive Officer of the DEC.

The ambient air monitoring program for the TAN Plant is described within the TAN Plant Air Quality Management Plan (February 2013). OEPA advised on 18 March 2013 that this plan adequately addresses Condition 5-2 of MS870.

A request for variation to the implementation of the AQMP was approved by OEPA on 22 December 2016 (Attachments 5B and 5C). The variation permitted that future air quality monitoring within this reporting period, was to be carried out as described within the "Operational Monitoring" section in the approved Plan.

This request for variation to implementation of the AQMP was made as the TAN Plant had transitioned from the construction phase into the commissioning phase in February 2016 which resulted in an air emission profile that resembled an operational phase rather than construction phase. That is, emissions moved from dust generated during earthworks, open areas and unsealed roads during construction, to a phase where the site is sealed and potential for dust emissions are minimal, into start-up and operations phase where the air emissions profile is characterised by emissions of gas streams through stacks from the production processes.

Construction was completed in February 2016 and therefore monitoring during the reporting period was to adhere to the operational phase monitoring requirements. As such, Sections 4.1.1 to 4.1.4 only refer to monitoring conducted within the "operational" phase.

4.1.1 Monitoring Programme

The AQMP describes the monitoring to be undertaken during the operational phase (Table 3, Table 4 and Table 5).



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Table 3 Operational Phase Ambient Air Monitoring Requirements

Type of Monitoring	Monitoring Location	Monitoring Frequency	Monitoring Equipment	Monitoring Method	Trigger Threshold for Additional Mitigation				
Emissions Monit	Emissions Monitoring to satisfy EPA requirements (Duration Operations)								
NO _x , NH ₃ , N ₂ O, temperature, velocity	Nitric acid stack	Continuous with annual verification tests as per the	CEMS Code (DEC	CEMS in accordance with CEMS Code (DEC 2006). Annual stack testing for verification to use following methods:	NO_x as $NO_2 - 102.6 \text{ mg/Nm}^3$ $NH_3 - 0.75 \text{ mg/Nm}^3$				
Volconiy		CEMS code (DEC 2006).		NO _x – USEPA Method 7e NH ₃ – USEPA CTM 027 or ISC 401 N ₂ O – USEPA CTM 038 Temperature and Velocity – USEPA Method 2					
NH ₃ , PM ₁₀ , temperature, velocity	Ammonia nitrate stack	At commissioning and then annually	Stack test	NH ₃ – USEPA CTM 027 or ISC 401 PM ₁₀ – USEPA Method 201a Temperature and velocity – USEPA Method 2	NH ₃ – 10 mg/Nm ³ PM ₁₀ – 15 mg/Nm ³				
NO _x	Nitric acid tanks	At commissioning and then annually	Headspace test	NO _x – USEPA Method 7e for concentration together with use of USEPA TANKS program to estimate breathing and working losses.	NO _x as NO ₂ – 339 mg/Nm ³				

Table 4 Operational Phase Meteorological Monitoring Requirements

Type of Monitoring	Monitoring	Monitoring Frequency	Monitoring Equipment				
Weather Monitoring (Continuous During Baseline and Operational Monitoring)							
Wind speed / direction	On-site	Continuous	Anemometer (sited in accordance with AS 2292 – 1987 and measured in accordance with AS 3580.14 2011).				
Temperature	On-site	Continuous	Temperature sensor (sited in accordance with AS 2292 – 1987 and measured in accordance with AS 3580.14 2011).				
Rainfall rate	On-site	24 hour rainfall total. 30 day samples of collected rainwater for analysis.	Tipping rain gauge (sited in accordance with AS 2292 – 1987 and measured in accordance with AS 3580.14 2011).				



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Table 5 Operational Phase Air Quality Monitoring Requirements for Rock Art Sites

Type of Monitoring	Monitoring Location	Monitoring Frequency	Monitoring Equipment	Trigger Threshold for Additional Mitigation		
Operational Monitorin	g (During Operations for a Per	iod of 5 years)				
TSP / PM ₁₀ ambient	Site 5 – Burrup Road site		Dustrack (with inlet heating), or similar	To be established upon discussion with SEWPac		
concentration	Site 6 – Water tanks site			/ CSIRO		
	Site 7 – Deep Gorge site					
Dust deposition	Site 5 – Burrup Road site		Deposition gauge (AS/NZS	Total of 4 g/m ² /month, with no more than		
	Site 6 – Water tanks site	In accordance with DSEWPac Condition 9a	3580.10.1:2003)	2 g/m ² /month above baseline		
	Site 7 – Deep Gorge site					
NH ₃	Site 5 – Burrup Road site		NH ₃ diffusion tubes (duplicate co-	During initial months of operation, a cumulative		
	Site 6 – Water tanks site		located at each monitoring point) ¹	monthly trigger threshold will be established (e.g. from the first month of operation, the threshold is set at 16.7 meg/m ² /month; the second month of		
	Site 7 – Deep Gorge site					
NO _x	Site 5 – Burrup Road site		NO _x diffusion tubes (duplicate co-	operation, the threshold is set at		
	Site 6 – Water tanks site		located at each monitoring point)1	33.4 meq/m ² /month; the third month of operation,		
	Site 7 – Deep Gorge site	1		the threshold is set at 50.1 meq/m²/month) until		
SO _x	Site 5 – Burrup Road site		SO _x diffusion tubes (duplicate co-	12 months of operation have elapsed.		
	Site 6 – Water tanks site		located at each monitoring point)1	Thereafter, a rolling annual total acid deposition of 200meq/m ² /month will set as the trigger		
	Site 7 – Deep Gorge site			threshold.		

One travel blank to accompany each monthly shipment back to laboratory for each type of tube.



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4.1.2 Monitoring Performance

The monitoring undertaken and performance is outlined in Table 6.

Table 6 Operation Phase Ambient Air Monitoring Performance

Type of Monitoring	Monitoring Location	Monitoring Frequency	Monitoring Equipment	Performance
Operational Mor	nitoring			
NO _x , NH ₃ , N ₂ O, temperature, velocity	Nitric Acid Stack	Continuous	CEMS	Monitoring was conducted for the entire period, excluding for a total of 163 hours occurring in four (4) intervals between July 2016 and May 2017. Data availability returned 98.2%
NH ₃ , PM ₁₀ , temperature, velocity	Ammonia nitrate stack	At commissioning and then annually	Stack test	Monthly monitoring was conducted between April and June 2017. Prior to these months of commissioning, monitoring could not be completed as the Plant run times were too short to allow for scheduled monitoring by external stack testers to be completed.
NO _x	Nitric acid tanks	At commissioning and then annually	Headspace test	Testing was not conducted during 2017 reporting period.
Meteorological N	Monitoring			
Wind speed and direction	On-site	Continuous	Anemometer	Monitoring equipment was deployed for the entire reporting
Temperature	On-site	Continuous	Temperature sensor	period. Data was collected between 8 July 2016 and 7 July 2017. The
Rainfall rate	On-site	24 hour rainfall, and 30 day samples for rainwater analysis	Tipping rain gauge	system was online for 97.3% of the reporting period. For two rainfall events occurring prior to 15 January 2017, the water collection device was not operational. A sample was collected. No rainwater samples were collected for analysis.
Rock Art Sites N	Monitoring			
TSP / PM ₁₀ ambient concentration	Site 5, Site 6 & Site 7	In accordance with DSEWPac Condition 9a	Dustrack, or similar	Direct and indirect sampling for TSP/PM ₁₀ was made at the Sites 5, 6 and 7. Following the review of the ambient air quality monitoring program direct TSP monitoring was reinstated at all three (3) sites in February 2017.



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Type of Monitoring	Monitoring Location	Monitoring Frequency	Monitoring Equipment	Performance
Dust deposition	Site 5, Site 6 & Site 7		Deposition gauge (AS/NZS 3580.10.1:2003)	Dust deposition gauges (DDG) were deployed at the three (3) off-site locations from September 2013. The insoluble fraction only was reported until the cessation of CSIRO monitoring in June 2016. Following the review of the ambient air quality monitoring, the DDGs were redeployed at all three (3) sites in March 2017.
NH ₃	Site 5, Site 6 & Site 7		NH₃ diffusion tubes	Sampling commenced in September 2013 using
NO _x	Site 5, Site 6 & Site 7		NO _x diffusion tubes	samplers provided by the CSIRO. In June 2016, CSIRO
SO _x	Site 5, Site 6 & Site 7		SO _x diffusion tubes	advised that they could no longer support the monitoring. YPN then sought an alternative passive sampling technology and the Radiello® samplers were found to be suitable for monitoring of NH ₃ , NO ₂ and SO ₂ . The first Radiello® samplers were deployed in September 2016.

The Baseline Report submitted to the DEE on 16 June 2017 (Attachment 13) provides details on the effectiveness of the implementation of the AQMP.

4.1.3 Monitoring Results

The 15 minute averages from the continuous emission monitoring system (CEMS) of the nitric acid stack during the reporting period are presented in Attachment 11.

The monthly point source air emission monitoring results from the ammonium nitrate stack (referred to as the Common Stack in the TAN Plant Works Approval) during the reporting period are presented in Table 7.



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Table 7 Results of Monthly Stack Testing at Common Stack

Emission Point					Average Detected Values		
source Reference	Parameter	Method	Units	Target	Apr-17	May-17	Jun-17
	Particulates	Modified USEPA Method 17 USEPA CTM 027	mg/Nm ³	15	2.4	3.7	3.6
	Particulates		g/s	N/A	0.087	0.12	0.12
Common	Ammonia		mg/Nm ³	10	<0.6	3.3	3.1
Stack			g/s	N/A	<0.021	0.11	0.105
	Volumetric Flow Rate (dry)	USEPA Method 2	m³/s	N/A	43.3	40	33.3

As a consequence of the "campaign" style commissioning activities causing difficulties in scheduling external stack testers and the nitric acid storage tanks being under repair for the majority of the reporting period, testing of the nitric acid tank headspace was not undertaking in the reporting period.

The passive gas (NH₃, NOx and SOx) sampling results from the three (3) sites are presented in Attachment 12.

The TSP data from the three (3) sites starting from February 2017 is presented in Table 10.

Table 8 TSP Data from Sites 5, 6 and 7

Period Start Date	Site 5 - Burrup Road TSP	Site 6 - Water Tanks TSP	Site 7 - Deep Gorge TSP
Data Type	Concentration (0°C and 101.3 kPa)	Concentration (0°C and 101.3 kPa)	Concentration (0°C and 101.3 kPa)
Units	μg/m³	μg/m³	μg/m³
26/02/2017	8	24	21
27/02/2017	18	18	-
28/02/2017	15	15	8
1/03/2017	20	17	10
2/03/2017	21	22	21
3/03/2017	21	-	-
4/03/2017	15	20	-
5/03/2017	32	22	15
6/03/2017	24	21	16
8/03/2017	-	21	14
11/03/2017	-	12	10
14/03/2017	-	32	26
17/03/2017	-	17	22
20/03/2017	-	19	9
23/03/2017	-	36	6
26/03/2017	-	21	21
29/03/2017	5	6	9

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	Site 5 - Burrup Road	Site 6 - Water Tanks	Site 7 - Deep Gorge
Period Start Date	TSP	TSP	TSP
Data Type	Concentration (0°C and 101.3 kPa)	Concentration (0°C and 101.3 kPa)	Concentration (0°C and 101.3 kPa)
Units	μg/m³	μg/m³	μg/m³
1/04/2017	8	12	12
4/04/2017	12	14	14
7/04/2017	13	20	9
10/04/2017	17	18	16
13/04/2017	8	18	14
16/04/2017	13	13	8
19/04/2017	22	24	21
22/04/2017	22	18	22
25/04/2017	23	20	20
28/04/2017	<2	10	11
1/05/2017	13	9	13
4/05/2017	13	14	12
7/05/2017	9	3	11
10/05/2017	26	18	18
13/05/2017	14	14	15
19/05/2017	17	20	17
25/05/2017	21	14	14
31/05/2017	18	25	17
6/06/2017	16	18	20
12/06/2017	37	25	28
18/06/2017	12	18	18
24/06/2017	57	10	18
30/06/2017	16	27	18
6/07/2017	15	-	18

Notes:

- 1. The LVAS unit runs for a nominal 24 hours. The date listed above is the day that sampling commenced.
- 2. Filter exchange was performed by Yara Pilbara personnel.
- 3. A dash indicates that either no filter deployed on the sampling day or no final information provided.



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The dust deposition data from the three (3) sites starting from March 2017 is presented in Table 10.

Table 9 Dust Deposition Data from Sites 5, 6 and 7

Location	Month	Total Solids (g/m²/month)	Soluble Solids (g/m²/month)	Insoluble Solids (g/m²/month)
Site 5 – Burrup Road	March	1.932	1.264	0.668
	April	_1	0.79	_1
	May	3.6	3.3	<0.8
	June	<1.2	<0.7	<0.8
Site 6 – Water Tanks	March	2.4	1.7	<0.8
	April	_1	0.73	_1
	May	2.1	2	<0.8
	June	<1.2	<0.7	<0.8
Site 7 – Deep Gorge	March	1.8	1.1	<0.8
	April	_1	0.32	_1
	May	3.4	3.1	<0.8
	June	<1.2	<0.7	<0.8

Notes:

4.1.4 Discussion of Results

All monthly stack testing monitoring results from the Nitric Acid Stack were below the targets. The continuous monitoring results revealed that the emissions of NOx and NH₃ from the Nitric Acid Plant reduced during commissioning through process improvements and optimisation. The emissions data indicates that the TAN Plant is substantially achieving emissions below the targets and functioning according to design.

The monthly point source air emission monitoring results from the ammonium nitrate stack (referred to as the Common Stack in the TAN Plant Works Approval) were consistently below the Works Approval targets for NH₃ and particulates.

YPN have scheduled to complete the headspace testing as early as practical within the next reporting period. In the interim YPN process engineers are developing a calculated model of these emissions that can be verified during the headspace testing by the external stack testers. It should be noted that filters on the nitric acid tank vents are in place to manage any emissions from the tank headspace.

YPN have engaged an air quality expert to analyse the ambient air quality (rock art) monitoring data collected. This analysis has been used to review the monitoring undertaken, including equipment and will be used to amend the AQMP. YPN will submit the revised AQMP to DWER for approval, following issuance of the operating licence by DWER.

^{1.} Issue with the analysis of the insoluble fraction and the results obtained were invalid. As total solids is a calculated parameter involving insoluble solids, it is not possible to report total solids.



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4.2 Groundwater Monitoring

Conditions 8-3, 8-4 and 8-5 of MS870 requires that YPN undertakes groundwater monitoring and evaluates results against trigger levels.

870:M8-3 Groundwater The proponent shall design, construct, and locate groundwater monitoring bores to the satisfaction of the CEO on advice of the DEC and the Department of Water, having regard for the outcomes of the hydrogeological studies required by condition 8-1 and the Department of Water's Water Quality Protection Note 30 on Groundwater Monitoring Bores.

870:M8-4 Groundwater The proponent shall sample/monitor all groundwater bores required by Condition 8-3 every six months and shall set groundwater monitoring trigger values at a value of 10% above the baseline contaminant concentrations obtained from the hydrogeological studies required by condition 8-1.

870:M8-5 Groundwater In the event that monitoring required by condition 8-4 indicates an exceedance of trigger levels:

- 1. The proponent shall report such findings to the CEO within 7 days of the exceedance being identified;
- 2. The proponent shall provide evidence which allows determination of the cause of the exceedance;
- 3. If determined by the CEO to be project attributable, the proponent shall submit actions to be taken to address the exceedance within 7 days of the determination being made to the CEO;
- 4. The proponent shall implement actions to address the exceedance and shall continue until such time as the CEO determines that the remedial actions may cease; and
- 5. The proponent shall submit bi-annually, or at a frequency defined to the satisfaction of the CEO, the results of monitoring required by condition 8-4 to the CEO, until such time as the CEO determines that reporting may cease.

4.2.1 Monitoring Programme

The groundwater monitoring programme developed to meet the MS870 requirements is currently defined in the TAN Plant Construction Environmental Management Plan – Water Quality Management Plan (Doc No: 2-250-329-PRO-TRE-0111-att02, Rev: 01). A draft Operational Groundwater Monitoring Procedure (OGMP) was included in the Commissioning Report submitted to DWER on 29 September 2017. It is intended that the OGMP supersede the aforementioned Water Quality Management Plan.

Five (5) groundwater monitoring wells (MW1-MW5) have been installed across the site. A sixth TAN Plant bore (Upstream Bore – US1) was installed in April 2017 and will be reported in future Compliance Assessment Reports.



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Routine six (6) monthly water level gauging and water quality monitoring was undertaken at these monitoring wells in November 2016 and March 2017.

Monitoring is undertaken in accordance with a Standard Operating Procedure. Samples are collected in sample bottles in accordance with directions from the NATA-registered laboratory undertaking the analysis. Samples are analysed for the suite of parameters listed in Table 10.

Groundwater monitoring trigger values at a value of 10% above the baseline contaminant concentrations were obtained from the hydrogeological studies required by Condition 8-1. Three (3) rounds of groundwater monitoring was completed as part of the hydrogeological study completed by ERM (2012). The baseline data collected to date was used to calculate the amended monitoring bore specific trigger levels as proposed in the draft OGMP. The methodology for calculating the monitoring bore specific trigger levels involved using the maximum concentration of an analyte detected plus 10%.

Table 10 Groundwater Monitoring Parameters and Trigger Levels as per the Construction Environmental Management Plan

Analyte	Units	Trigger Level (construction only)
рН	pH Units	6 – 8.4
Total Dissolved Solids	mg/L	143,000
Total Suspended Solids	mg/L	2,090
Alkalinity (total) as CaCO3	mg/L	561
Ammonia	mg/L	0.04
Aluminium (filtered)	mg/L	0.021
Arsenic (filtered)	mg/L	NA
Cadmium (filtered)	mg/L	NA
Calcium (filtered)	mg/L	1210
Chloride	mg/L	95,700
Chromium (filtered)	mg/L	NA
Copper (filtered)	mg/L	NA
Iron (filtered)	mg/L	0.26
Iron (total)	mg/L	143
Lead (filtered)	mg/L	NA
Manganese (filtered)	mg/L	0.242
Magnesium (filtered)	mg/L	5,170
Mercury (filtered)	mg/L	0.0001
Nickel (filtered)	mg/L	NA
Nitrate (as NO3-)	mg/L	9.57
Nitrogen (total)	mg/L	5.6
Zinc (filtered)	mg/L	0.052
Oil and Grease	Visible	None visible ²



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Analyte	Units	Trigger Level
Analyte	Units	(construction only)

- . NA Not Available. There are a number of metals for which results have shown concentrations below the laboratory detection limits (Arsenic, Cadmium, Copper, Chromium, Lead and Nickel), and so a reliable trigger level has not been able to be determined at this stage.
- 2. Trigger Level based on IECA (2008)

4.2.2 Monitoring Performance

During the reporting period sampling was conducted during November 2016 and March 2017. During both monitoring events samples were analysed for the full suite of parameters listed in Table 10.

4.2.3 Monitoring Results

Results of groundwater monitoring at the TAN Plant during the reporting period is included in Table 11.

4.2.4 Discussion of Results

TAN Plant groundwater monitoring results to date continue to demonstrate variability in the groundwater chemistry with no clear trends for most parameters, excluding nitrate and total nitrogen.

In regard to nitrate and total nitrogen, these parameters have demonstrated the commencement of an uptrend in the last round of monitoring in most bores. This uptrend is attributable to the unplanned releases of solution containing ammonium nitrate to ground in proximity to MW2, MW4 and MW5 bores.

Each of the unplanned releases constituted reportable emissions under Section 72 of the *Environmental Protection Act* (a discharge of waste likely to cause pollution). Yara notified the DWER of the events on 31 March and 21 July 2017. Ongoing groundwater monitoring and investigation into the impact of the releases are currently being finalised. Findings and proposed remedial actions will be provided to the DWER upon finalisation of the investigation.



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Table 11 Groundwater Monitoring Results

		Standing water level (m AHD)	рН	TDS mg/L	TSS mg/L	Alkalinity (total) as CaCO ₃ mg/L	Ammonia as N (NH3-N) mg/L	Aluminium (Filtered) mg/L	Arsenic (Filtered) mg/L	Cadmium (Filtered) mg/L	Calcium (Filtered) mg/L	Chloride mg/L	Chromium (Filtered) mg/L	Copper (Filtered) mg/L	Iron (Filtered) mg/L	Lead (Filtered) mg/L	Manganese (Filtered) mg/L	Magnesium (Filtered) mg/L	Mercury mg/L	Nickel (Filtered) Nitrate (as NO3) calculated mg/L	Nitrogen (Total) mg/L	Zinc (Filtered) mg/L
SITE	Date Trigger Level	NA	6-8.4	143,000	2,090	561	0.04	0.021	NA	NA	1,210.0	95,700	NA	NA.	0.260	NA	0.242	5,170.0	0.0001	NA	9.57	5.6	0.052
	30/04/2011	6.462	7.0	2,000		350	0.04	0.010	<0.001	<0.0001	200.0	780	<0.001		0.008	<0.001	0.170	63.0	<0.00005		7.53	2.5	0.016
	20/09/2011	5.857	6.9		180	320	0.02	0.002	<0.001	<0.0001	170.0	710	<0.001		< 0.005		0.046	54.0		<0.001		3.4	0.027
	27/02/2012	5.836	6.9		220	300	0.01	0.002	<0.001	<0.0001	180.0	670	<0.001		<0.005		0.088	53.0		<0.001	8.85	2.1	0.038
	11/10/2012		7.1		520	300	0.05	0.005	<0.001	<0.0001	170.0	600	<0.001		0.009		0.038	51.0		<0.001	4.87	1.5	0.008
	6/03/2013		7.3	X	2,900	300	0.02	< 0.005	<0.001	<0.0001	160.0	570	<0.001		< 0.005		0.170	49.0		<0.001	8.41	2.0	0.010
	17/04/2013		6.7		16	290	0.01	<0.005	<0.001	0.000	160.0	560	<0.001	0.001	<0.005	<0.001	0.087	49.0		<0.001	9.74	2.4	0.010
	17/10/2013	4.400	5.6	940	25	367	0.03	0.006	0.001	<0.00005	66.0	300	<0.0002	<0.0005	0.437	< 0.0001	0.425	29.0	<0.0001	0.001	0.38	0.2	0.005
MW1	9/04/2014	4.980	7.1	995	<5	358	0.11	<0.005	0.001	<0.00005	57.0	345	<0.0002	<0.0005	0.430	< 0.0001	0.272	31.0	< 0.0001	<0.0005	7.08	2.1	< 0.001
IVIVVI	30/10/2014	4.540	7.4	981	<5	361	0.01	0.018	0.001	<0.00005	88.0	366	< 0.0002	< 0.0005	0.052	< 0.0001	0.204	32.0	< 0.0001	0.0008	0.72	2.6	0.009
	30/04/2015	4.580	7.3	1,010	<5	272	0.03	0.006	0.000	<0.00005	92.0	374	<0.0002	0.005	0.044	<0.0001	0.080	33.0	<0.0001	0.0007	9.92	3.0	0.003
	23/11/2015	4.250	7.2	1,110	<5	316	0.01	0.006	0.001	<0.0001	98.0	394	<0.0005	<0.001	<0.005	<0.0002	0.009	33.0	<0.0001	0.001	1.10	0.3	<0.005
	1/06/2016		7.9	1,100	440	288	< 0.01	0.610	0.001	<0.0001	102.0	428	<0.005	<0.002	1.000	0.006	0.240	33.4	<0.0001	0.005		3.1	0.052
	9/08/2016	4.530						< 0.005												100000			
	3/09/2016	4.460	7.9	890	200	182	<0.01	0.011	<0.001	<0.0001	70.8	281	<0.001	0.0004	<0.005	< 0.0001	0.065	24.5	<0.0001	0.002	44.27	12.0	0.005
	22/11/2016	3.940	7.8	950	<1	197	< 0.01	< 0.005	<0.001	<0.0001	72.4	294	<0.001	0.0005	<0.005	<0.0001	0.004	23.9	< 0.0001	0.005	53.12	12.0	0.009
	15/03/2017	5.910	7.8	970	<1	294	<0.01	<0.005			79.9	361			<0.005		<0.001	29.5	< 0.0001		17.71	4.1	0.007
	30/04/2011	3.924	7.2	2,000		250	0.20	0.005	< 0.001	< 0.0001	99.0	930	< 0.001		<0.005	< 0.001	0.005	66.0	< 0.00005		14.61	3.9	0.013
	20/09/2011	3.754	6.8		190	290	0.01	0.002	<0.001	<0.0001	150.0	1,200	<0.001		<0.005		0.001	98.0		<0.001		1.4	0.021
	27/02/2012	3.666	6.8	1	84	300	0.03	0.005	<0.001	<0.0001	240.0	1,400	<0.001		0.240		0.220	140.0		<0.001	2.74	0.9	0.047
	11/10/2012	2.369	7.1		440	370	0.01	0.002	<0.001	<0.0001	160.0	1,300	<0.001		<0.005		0.010	94.0		<0.001	2.79	1.1	0.021
	6/03/2013	2.418	7.3		320	360	0.01	0.006	<0.001	<0.0001	150.0	1,000	<0.001		<0.005		0.012	87.0	in .	<0.001	2.66	0.7	0.017
	17/04/2013	2.250	5,3		290	340	0.01	<0.005	<0.001	<0.00005	112.0	811	<0.001	<0.001	<0.005	<0.001	0.012	100.0		<0.001	10.09	0.7	0.012
	17/10/2013	1.050	6.9	2,040	10	281	0.01	<0.005	<0.0002	0.000	160.0	1,100	<0.0002	<0.0005	<0.002	<0,0001	<0.0005	76.0	<0.0001	<0.0005	2.26	2.7	<0.001
	9/04/2014	2.944	7.0	1,550	<5	250	0.01	<0.005	<0.0002	<0.00005	71.0	730	<0.0002	<0.0005	<0.002	<0.0001	0.001	57.0	<0.0001	<0.0005	21.87	5.0	<0.001
MW2	30/10/2014	2.705	7.1	1,650	<5	276	0.01	0.017	<0.0002	<0.00005	98.0	771	<0.0002	<0.0005	<0.002	<0.0001	0.002	64.0	<0.0001	<0.0005	11.02	2.7	0.006
	30/04/2015	2.700	7.2	1,720	<5	304	0.02	<0.005	0.000	<0.00005	103.0	758	<0.0002	0.0015	0.004	0.0001	0.001	66.0	<0.0001	0.0005	15.71	4.4	0.021
	23/11/2015	2.200	7.0	1,680	<5	292	0.01	<0.005	<0.0005	<0.0001	94.0	692	<0.0005	<0.001	<0.005	<0.0002	<0.0005	57.0	<0.0001	<0.0005	24.08	6.8	<0.005
	14/06/2016		7.9	1,700	240	281	0.01	<0.005	<0.001	<0.0001	92.5	750	<0.005	0.0004	<0.005	<0.0001	0.010	59.6	<0.0001	<0.001	24.35	5.9	0.006
	9/08/2016	3,070	7.5	1,700	240	201	0.01	10.003	10.001	40.0001	32.3	1750	10.003	0.0004	30.005	10,0001	0.010	33.0	10,0001	40,001	E-1132	13.0	0.000
	1/09/2016	2.930	7.7	3,000	14	197	<0.01	<0.005	<0.001	<0.0001	167.0	1,350	<0.001	0.0001	<0.005	<0.0001	<0.001	106.0	<0.0001	<0.001	57.55	14.0	0.006
	22/11/2016	2.350	7.5	7,200	5	167	0.01	<0.005	<0.001	<0.0005	508.0	3,810	<0.001	<0.0005	<0.005	<0.0005	<0.001	310.0	<0.0001	<0.005	53.12	12.0	0.005
	15/03/2017	4.840	7.7	1,700	5	184	<0.01	<0.005	10.005	10.0003	86.3	742	10.002		<0.005	10.0005	0.007	55.1	<0.0001	10.003	53.12	12.0	0.010
_	30/04/2011	2.825	7.3	9,800	1	400	0.05	0.013	<0.005	<0.0005	120.0	5,400	<0.005		<0.025	<0.005	0.022	300.0	<0.00005	1	8.41	2.6	0.020
	20/09/2011	2.857	7.2	-,000	280	450	0.06	0.019	<0.005	<0.0005	85.0	3,700	<0.005		<0.025		0.014	210.0	,,	<0.005	3.32	0.2	0.047
	27/02/2012	2.884	7.2	*	230	460	0.01	0.005	<0.005	<0.0005	95.0	4,000	<0.005		<0.025		0.026	210.0		<0.005	1.42	0.6	0.032
	11/10/2012	1.983	7.5	4	270	540	0.01	<0.01	<0.003	<0.001	100.0	4,200	<0.003		<0.05		0.027	260.0		<0.01	0.53	0.3	0.032
	6/03/2013	2.049	7.3	**	180	470	0.01	<0.025	<0.005	<0.001	130.0	5,900	<0.005		<0.025		0.018	340.0		<0.005	1.15	0.4	<0.025
	17/04/2013	1.840	6.2	7	470	470	0.01	0.072	<0.01	<0.0003	350.0	28,000	<0.003	<0.01	0,520	<0.001	1.700	910.0		<0.01	0.14	1.5	<0.05
	17/10/2013	2.830	7.2	7,280	54	479	0.01	0.072	0.001	<0.0001	91.0	3,140	<0.002	0.0005	0.010	<0.001	0.004	232.0	<0.0001	0.0006	2.70	0.5	<0.001
	9/04/2014	2.404	7.5	9,050	6	466	0.01	<0.005	0.001	<0.00005	104.0	5,000	<0.0002	0.0003	<0.002	<0.0001	0.013	286.0	<0.0001	<0.0005	2.05	0.8	<0.001
MW3	30/10/2014	2.404	8.0	6,520	<5	533	0.01	0.024	0.001	<0.00005	68.0	3,480	0.0002	0.0017	0.002	<0.0001	0.002	196.0	<0.0001	0.0012	0.77	0.8	0.025
	30/04/2015	1.996	7.4	7,020	<5	570	0.01	<0.005	0.001	<0.00005	75.0	3,780	0.0004	0.0014	<0.003	<0.0001	0.002	208.0	<0.0001	<0.0012	10.49	3.3	0.023
	23/11/2015	1.694	7.4	7,620	<5	582	0.02	0.013	0.001	<0.0001	78.0	3,780	<0.0005	0.0006	0.002	<0.0001	0.013	214.0	<0.0001	<0.0005	8.99	3.4	0.003
		1.094		-	_					<0.0001			-		_				<0.0001	_	8.99		0.012
	1/06/2016	1 070	7.8	8,300	300	593	<0.01	0.067	<0.005	<0.0005	89.6	4,640	<0.005	<0.002	0.079	0.0011	0.150	250.0	<0.0001	<0.005		2.1	0.010
	9/08/2016	1.970	7.0	7 000	24	553	-C 04	<0.005	-0.005	*0 000F	76.4	1 520	e0 004	-0.000E	-0.00F	40,0005	0.033	220.0	40 000d	-0.00F	18.50	4.2	0.011
	1/09/2016	1.940	7.8	7,900	41	598	<0.01	<0.005	<0.005	<0.0005	76.4	4,620	<0.001	<0.0005	<0.005	<0.0005	0.022	220.0	<0.0001	<0.005	18.59	4.2	0.011
	22/11/2016	1.650	7.8	11,000	4	564	<0.01	<0.005	<0.005	<0.0005	104.0	6,100	0.001	0.0013	0.007	<0.0005	0.078	299.0	<0.0001	<0.005	13,72	3.3	0.007
	15/03/2017	3.570	7.6	14,000	3	591	<0.01	<0.005			103.0	7,590			0.018		0.120	259.0	<0.0001		27.00	6.6	0.008



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		Standing water level (m AHD)	рН	TDS mg/L	TSS mg/L	Alkalinity (total) as CaCO ₃ mg/L	Ammonia as N (NH3-N) mg/L	Aluminium (Filtered) mg/L	Arsenic (Filtered) mg/L	Cadmium (Filtered) mg/L	Calcium (Filtered) mg/L	Chloride mg/L	Chromium (Filtered) mg/L	Copper (Filtered) mg/L	Iron (Filtered) mg/L	Lead (Filtered) mg/L	Manganese (Filtered) mg/L	Magnesium (Filtered) mg/L	Mercury mg/L	Nickel (Filtered) mg/L	Nitrate (as NO3) calculated mg/L	Nitrogen (Total) mg/L	Zinc (Filtered) mg/L
SITE	Date Trigger Level	NA	6-8.4	143,000	2,090	561	0.04	0.021	NA	NA.	1,210.0	95,700	NA	NA	0.260	NA.	0.242	5,170.0	0.0001	NA	9.57	5.6	0.052
	30/04/2011	2.555	7.6	6,700		510	0.74	<0.005	<0.005	<0.0005	39.0	3,900	<0.005		<0.025	<0.005	0.014	100.0	<0.00005		3.63	2.1	0.010
	20/09/2011	2.358	7.6		670	370	0.02	< 0.005	< 0.005	<0.0005	28.0	2,500	<0.005		<0.025		0.011	68.0		<0.005		0.5	0.029
	27/02/2012	2.428	7.5		1,900	390	<0.005	<0.005	<0.005	<0.0005	49.0	3,200	<0.005		< 0.025		0.033	96.0		<0.005	0.75	0.8	0.047
	11/10/2012	1.934	7.7		2,900	420	<0.005	<0.01	<0.01	<0.001	69.0	3,700	< 0.01		<0.05		0.041	150.0		<0.01	1.95	1.2	0.012
	6/03/2013									7-2-1													
	17/04/2013		7.2	43,810	210	390	<0.005	0.031	<0.005	<0.0005	94.0	4,700	<0.005	< 0.005	<0.025	<0.005	0.120	190.0		< 0.005	1.06	0.7	< 0.025
	17/10/2013	2.480	4.3	136,000	74	109	0.88	<0.025	<0.0025	<0.001	972.0	69,800	<0.0025	0.005	<0.025	<0.001	0.277	3,900.0	<0.0001	0.0479	12.79	3.6	<0.025
	9/04/2014	2.460	7.0	88,300	43	148	0.01	<0.025		<0.001	598.0	49,000	<0.0025	<0.005	0.034	<0.001	0.003	2,210.0	<0.0001	0.035	18.02	7.9	0.042
MW4	30/10/2014	2.035	7.2	41,000	14	317	<0.005	0.013	0.002	< 0.0004	248.0	25,700	0.0018	<0.002	0.019	<0.0004	0.075	921.0	< 0.0001	0.021	9.61	3.2	0.042
	30/04/2015	2.080	6.8	134,000	201	118	<0.005	<0.025	<0.0025	<0.001	1,120.0	38,600	0.004	<0.005	<0.025	<0.001	3.290	4,590.0	<0.0001	0.037	1.95	0.4	<0.025
	23/11/2015	1.911	6.8	128,000	133	203	<0.005	<0.005	0.002	0.001	1,020.0	72,200	0.0051	0.003	< 0.005	0.0002	0.098	3,960.0	< 0.0001	0.034	5.36	1.4	0.006
	1/06/2016	no sample																					
	9/08/2016	no sample																					
	1/09/2016	no sample						100		1		7											
	22/11/2016	2.070	7.1	140,000	200	123	<0.1	<0.025	<0.050	<0.0050	982.0	74,700	<0.005	<0.0050	<0.025	<0.0050	1.400	4,050.0	<0.0001	<0.050	3.01	1.0	<0.025
	15/03/2017	2.740	7.4	66,000	11	259	0.22	<0.025			198.0	39,600			<0.025		0.280	775.0	<0.0001		243.47	58.0	<0.025
	30/04/2011	2.166	6.7	130,000		370	0.06	<0.05	< 0.05	< 0.005	1,000.0	87,000	< 0.05		<0.25	< 0.05	0.220	4,100.0	0.0001		4.87	5.1	< 0.05
	20/09/2011	1.999	6.6		1,100	210	0.05	<0.1	<0.1	<0.01	1,100.0	87,000	<0.1		<0.5		<0.1	4,300.0		<0.1	0.00	2.7	<0.1
	27/02/2012	2.188	6.6		1,400	150	0.01	<0.1	<0.1	<0.01	1,100.0	80,000	<0.1		<0.5		<0.1	4,700.0		<0.1	5.31	3.4	<0.1
	11/10/2012	5.636	6.9		2,600	160	0.62	<0.05	<0.05	<0.005	970.0	77,000	<0.05		<0.25		<0.05	3,700.0		<0.05	4.87	1.8	<0.05
	6/03/2013	5.785	6.8		660	170	1.00	<0.25	<0.05	<0.005	770.0	64,000	<0.05		<0.25		< 0.05	3,000.0		<0.05	5.75	3.4	<0.25
	17/04/2013	4.670	6.2		1,600	170	0.01	0.300	<0.05	< 0.005	740.0	58,000	<0.05	< 0.05	<0.25	< 0.05	<0.05	2,900.0		<0.05	7.08	2.6	<0.25
	17/10/2013	2.160	6.8	75,400	63	207	0.01	<0.01	0.001	<0.0004	599.0	40,500	0.012	< 0.002	<0.01	<0.0004	0.001	2,030.0	< 0.0001	0.0073	14.56	3.5	< 0.01
	9/04/2014	2.275	7.1	47,100	78	275	0.02	0.086	< 0.001	<0.0004	303.0	25,700	0.007	<0.002	0.015	<0.0004	0.003	1,040.0	<0.0001	0.0032	6.82	4.2	0.017
MW5	30/10/2014	2.185	7.2	33,200	<5	351	0.01	< 0.005	0.002	<0.0002	194.0	20,500	0.0065	<0.001	0.010	<0.0002	0.002	665.0	< 0.0001	0.0024	4.52	1.3	<0.005
	30/04/2015	2.220	7,3	25,400	154	397	0.02	<0.005	0.001	<0.0002	139.0	16,300	0.003	0.002	0.007	<0.0002	0.005	464.0	<0.0001	0.0018	4.40	1.9	0.020
	23/11/2015	1.934	7.4	19,400	119	638	0.02	<0.005	0.001	<0.0001	20.0	10,600	0.004	<0.001	<0.005	<0.0002	0.002	220.0	<0.0001	0.0014	6.37	4.5	<0.005
	1/06/2016		7.9	17,000	49	485	<0.01	0.031	<0.010	<0.0010	54.0	9,300	<0.005	<0.002	0.024	<0.0010	0.013	172.0	<0.0001	<0.010		5.4	<0.005
	9/08/2016	2.430						<0.005													1		
	1/09/2016	2.440	7.9	15,000	19	560	<0.01	<0.005	<0.005	0.001	49.8	8,720	0.004	<0.0005	<0.005	<0.0005	0.005	171.0	<0.0001	<0.005	24,35	5.7	0.009
	22/11/2016	2.140	8.1	13,000	20	630	0.01	<0.005	<0.005	<0.0005	30.8	7,040	0.004	0.0008	<0.005	<0.0005	<0.001	102.0	<0.0001	<0.005	25.23	5.8	0.008
	15/03/2017	2.760	7.8	15,000	2	628	< 0.01	<0.005			40.7	8,340			<0.005		<0.001	155.0	< 0.0001		39,40	9.4	0.012



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5 Attachments

The following documents are attached to this 2017 CAR as evidence of compliance:

- Attachment 1: Email from OEPA, dated 12 May 2017, confirming the disturbance area from GIS files provided with the s45C application.
- Attachment 4A: Letter from OEPA, dated 23 August 2012, approving the TAN Plant Compliance Assessment Plan.
- Attachment 4B: Letter to OEPA, dated 6 December 2016, advising of an exceedance of groundwater trigger values.
- Attachment 4C: Letter to OEPA, dated 3 April 2017, advising of an exceedance of groundwater trigger values that were not reported within seven (7) days.
- Attachment 4D: Letter to OEPA, dated 13 November 2013, submitting 2013 CAR.
- Attachment 4E: Letter to OEPA, dated 26 September 2014, submitting 2014 CAR.
- Attachment 4F: Email to OEPA, dated 4 March 2016, submitting 2015 CAR.
- Attachment 4G: Email to OEPA, dated 6 October 2016, submitting 2016 CAR.
- Attachment 5A: Letter from OEPA, dated 18 March 2013, approving revised Air Quality Management Plan and submission on best practice pollution technology.
- Attachment 5B: Letter to OEPA, dated 8 December 2016, requesting variation to the implementation of the AQMP
- Attachment 5C: Letter from OEPA, dated 22 December 2016, acknowledging the variation to the implementation of the AQMP
- Attachment 6A: January 2017 Weed Survey Report
- Attachment 6B: September 2017 Weed Survey Report
- Attachment 7A: Email from DPAW, dated 25 June 2015, providing support for bird deterrent systems assessment and selected technology.
- Attachment 7B: Bird Deterrent Systems Assessment Report.
- Attachment 7C: Photograph of bird deterrent lines across site water pond.
- Attachment 7D: Fauna found at the TAN Plant during construction
- Attachment 8A: Hydrogeological and Hydrological Investigation report, June 2012.
- Attachment 8B: Letter to OEPA, dated 12 February 2014, providing rationale for Groundwater Monitoring Well Re-Locations.



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- Attachment 8C: Letter to OEPA, dated 30 January 2017, informing CEO of the installation of an upgradient bore.
- Attachment 8D.1: Letter to OEPA, dated 6 December 2016, notifying results of December 2016 Groundwater Monitoring Results.
- Attachment 8D.2: December 2016 Groundwater results.
- Attachment 8E.1: Letter to OEPA, dated 3 April 2017, notifying results of March 2017 Groundwater Monitoring Results
- Attachment 8E.2: March 2017 Groundwater results.
- Attachment 9A: Preliminary Acid Sulfate Soil Investigation Report, dated August 2011.
- Attachment 9B: Letter from DEC Contaminated Sites Branch stating Acid Sulfate Soil investigation report meets the requirements of condition 9.1.
- Attachment 10A: Decommissioning Environmental Management Plan, Revision 6.
- Attachment 10B: Letter from OEPA, dated 23 October 2015, approving the DEMP Revision 6.
- Attachment 11: Nitric Acid Stack CEMS
- Attachment 12: Passive Gas Results
- Attachment 13: Baseline Air Quality Monitoring Report submitted to the Federal Department of the Environment & Energy on 16 June 2017.

The following list of evidence has not been sighted during the preparation of this 2017 CAR, but has been referenced in previous CARs for the TAN Plant:

- Letter to OEPA, dated 15 November 2012, notifying that the proponent contact details are Yara Pilbara Nitrates Pty Ltd (ACN 127 391 422) Level 5, 182 St Georges Terrace, Perth, WA 6000.
- Letter from OEPA, dated 17 December 2012 acknowledging change in proponent.
- Letter to EPA, circa November 2012, notifying EPA of substantial commencement.
- Letter to OEPA, 10 October 2012, submitting CAR 2012.



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Attachment 1

Email from OEPA, dated 12 May 2017, confirming the disturbance area from GIS files provided with the s45C application.

Susan Giles

From: David Anthony < David.Anthony@epa.wa.gov.au>

Sent: Friday, 12 May 2017 12:14 PM

To: Susan Giles

Subject: RE: Ministerial Statement 870 - s45C Change to Proposal (TAN Storage and

Development Envelope) - Additional Information Request

Hi Susan,

I am currently progressing Yara Pilbara Nitrates Pty Ltd's section 45C of the *Environmental Protection Act 1986* application and have identified the proposed revised disturbance footprint (33.11 hectares (ha)) extends outside the disturbance footprint (35 ha) for the original proposal (please refer to red shaded area in figure below). While the area of disturbance will be reduced, the proposed revised disturbance footprint includes an area not previously included in the original disturbance area (refer to red shaded area in figure below).

In order for the Office of the Environmental Protection Authority to complete its assessment the information in the table below is required.



Factor	OEPA Comments	YPN Comments/Information
Flora and Vegetation	For the area of the proposed revised	
	disturbance footprint that was not	
	previously included in the original	
	disturbance footprint, the following	

	information is required:Please provide flora and vegetation information.	
Terrestrial Fauna	For the area of the proposed revised disturbance footprint that was not previously included in the original disturbance footprint, the following information is required: • Please provide fauna information.	
Hydrological processes	It is noted that the area of the proposed revised disturbance footprint that was not previously included in the original disturbance footprint is within a supratidal area.	
	Please provide information on how the change to proposal will impact the integrity, ecological functions and environmental values of watercourses and surface drainage i.e. the supra-tidal areas as a result of the area of the revised disturbance footprint that is outside the original disturbance footprint.	

Regards,

David Anthony

Senior Environmental Officer
Office of the **Environmental Protection Authority**

The Atrium, Level 8, 168 St Georges Terrace, Perth Locked Bag 10 East Perth WA 6892

direct: 08 6145 0964 | reception: 08 6145 0800 | fax: 08 6145 0895 email: david.anthony@epa.wa.gov.au | web: www.epa.wa.gov.au

⋙@EPA_WA



From: Susan Giles [mailto:susan.giles@yara.com]

Sent: Thursday, 11 May 2017 9:42 AM

To: David Anthony **Cc:** Carly Mott



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Attachment 4A

Letter from OEPA, dated 23 August 2012, approving the TAN Plant Compliance Assessment Plan.



Your Ref: 2-250-329-PRO-TRE-0104 Our Ref: A533490:OEPA2011/000430 Enquiries: Mark Rust, 6467 5316

mark.rust@epa.wa.gov.au

Mr Rajan Sinha Deputy General Manager (TAN Project) Burrup Nitrates Pty Ltd Locked Bag 5009 KARRATHA WA 6714

Dear Mr Sinha

STATEMENT 870 - COMPLIANCE ASSESSMENT PLAN

Thank you for your email dated 9 August 2012 submitting the TAN Burrup Project Compliance Assessment Plan (MS870) to the Office of the Environmental Protection Authority (OEPA) as required by Conditions 4-1 and 4-2 of Statement 870.

The OEPA has reviewed the TAN Burrup Project Compliance Assessment Plan (MS870) and determined that it meets the requirements of Conditions 4-1 and 4-2 of Statement 870.

Burrup Nitrates Pty Ltd is advised that the TAN Burrup Project Compliance Assessment Plan (MS870) is acceptable.

Yours sincerely

Kim Taylor

GENERAL MANAGER

3 August 2012



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Attachment 4B

Letter to OEPA, dated 6 December 2016, advising of an exceedance of groundwater trigger values.

VARA

BURRUP TAN PROJECT TEAM

To
Mark Rust
Senior Environmental Officer
Office of the Environmental Protection Authority
Locked Bag 10, East Perth
WA - 6892

Date: 21/12/2015

Attn: Mr. Mark Rust

Subject: Report to OEPA for Groundwater Monitoring Result as per Conditions 8-4 of Ministerial Statement No. 870 for Month of November 2015.

Dear Sir.

Reference is made to Contractor's letter 02080-TRS-BNP-L-01212 dated 14 December 2015 Condition 8-4 of Ministerial Statement No. 870, requires YPNPL to sample/monitor all groundwater bores every six months as per Condition 8-3 on a biannual basis. The condition sets a trigger value of 10% above the screening contaminant concentrations as established based on the 2011 data. In accordance with Condition 8-5 of Ministerial Statement No. 870, YPNPL is required to report findings to the CEO of the OEPA within 7 days of the exceedance being identified. It is anticipated that this will be the last pre-operational groundwater monitoring event (GME) prior to the start of plant operations, planned for February 2016.

This letter is intended to inform the OEPA on the outcomes of the latest GME which was undertaken by ERM on behalf of YPNPL at the five existing bores on 23.11.2015, using the consistent sampling methodology applied for the last GMEs (i.e. peristaltic pump low –flow).

In general the results of the recent GME display similar (or even improved) conditions to those documented in the previous GMEs with several parameters having values closer to those identified at the beginning of the construction works in 2012-2013. There were fewer exceedances of the trigger values in November 2015 compared to previous events and in most cases as previously stated, these are considered to be reflective of a natural variability rather than a result of site related potential contamination sources as a result of ongoing construction activities.

BURRUP TAN PROJECT TEAM



More specific, in November 2015 reactive phosphorus, manganese, total nitrogen (oxidised and neutral forms), total Kjendahl nitrogen and total alkalinity were detected at concentrations slightly above trigger values. Due to high salinity of water in the sample from MW4 the detection limit for specific parameters had to be raised (dilution required) by the laboratory. It is noted that three of the seven exceedances relate to various nitrogen based parameters being identified at well MW04.

The details of the exceedances are outlined below:

Reactive Phosphorus as P

 Exceedance at MW3 – 0.021 mg/L compared to the maximum acceptable screening value of 0.011 mg/L Historical results have been below the maximum acceptable screening value with concentrations between <0.002 and 0.021 mg/L, with a previous exceedance of 0.020 mg/L in April 2015.

Manganese (Filtered)

Exceedance at MW4 - 0.975mg/L (value actually identified in the field duplicate QC01 of MW04) compared to the maximum acceptable screening value of 0.242 mg/L, however improved compared to Apr 2015 Historical results have been mostly below the maximum acceptable screening value with concentrations between 0.0029 and 0.277 mg/L, with the highest exceedance of 3.29 mg/L in Apr 2015.

Nitrogen (Total oxidised)

 Exceedance at MW2 – 5.44 mg/L compared to the maximum acceptable screening value of 3.63 mg/L. Historical results have been mostly below the maximum acceptable screening value with concentrations between 0.51 and 3.55 mg/L, with a previous exceedance of 4.95 mg/L in Apr 2014.

Nitrogen (Total)

 Exceedance at MW2 – 6,840 mg/L compared to the maximum acceptable screening value of 5,610 mg/L. Historical results have been consistently below the maximum acceptable screening value with concentrations between 700 and 4,960 mg/L.

Kjeldahl Nitrogen Total

 Exceedance (marginal) at MW5 – 3.05 mg/L compared to the maximum acceptable screening value of 2.97 mg/L. Historical results have been consistently general below the maximum acceptable screening value with concentrations between 0.17 and 2.7 mg/L.

BURRUP TAN PROJECT TEAM

Total alkalinity

 Exceedance (marginal) at MW3 - 582 mg/L compared to the maximum acceptable screening value of 561 mg/L. Historical results have been generally below the maximum acceptable screening value with concentrations between 400 and 560 mg/L and one previous exceedance of 570 mg/L in Apr 2015.

Fluoride

 Exceedance at MW03 – 1.9 mg/L compared to the maximum acceptable screening value of 1.65 mg/L. Historical results have been consistently below the maximum acceptable screening value with concentrations between <0.1 and 1,6 mg/L and a single previous exceedance of 1.7 mg/L in Apr 2014.

In general other analytes were reported at concentrations similar or lower to those recorded in the previous monitoring events. The water quality conditions at one particular well (MW4) that appeared to be different in April 2015 to previously documented levels for some parameters (including salinity, total dissolved solids (TDS), hardness, sulphate, iron, calcium) have returned to historical values, indicating that April 2015 was rather an isolated spike that could be associated with less freshwater contributing to the already hypersaline aquifer at this particular location, in the fall period.

It is noted that at based on the field measurements at well MW05, TDS values have decreased steadily since Oct 2012 (94,705 mg/L) to Nov 2015 (19,949 mg/L), a trend that could be related to additional fresh water inputs. This well is located down gradient from the TAN and therefore could be considered that the source of freshwater that decreases the salinity of the aquifer at this location may be related to construction activities (such as dust suppression water infiltrating into the ground, infiltration from onsite water evaporation ponds, etc.). However, no other parameters that could be of concern (such as heavy metals or nutrients) have increased in concentrations over time and the pH and Eh values at this location have been generally consistent over the monitoring period.

As a general note the dissolved oxygen field measurements at all five wells are as expected, during spring events and deteriorating during fall events, trend confirmed by the November 2015 data.

In conclusion, the GME November 2015 results continue to support the fact that the observed variability in the groundwater chemistry with no clear trends suggests the results depict a combination of natural variability in groundwater chemistry and off site contributions as opposed to increasing concentrations of analytes associated with site activities. Based on the current results, none of the analytes observed exceeding the trigger levels are regarded as directly attributed to current on site activities.



BURRUP TAN PROJECT TEAM

The full GME report is in preparation by ERM and if required by the OEPA this can be provided as further reference to the above stated facts.

Attached to this letter is the summary table showing the November 2015 groundwater monitoring results as well as the historical monitoring data, to enable a review of the variability of the discussed parameters over time since 2011.

Yours sincerely,

Rajan Sinha

Technical Services & Business Development Manager

Attachment: Full groundwater monitoring results

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Attachment 4C

Letter to OEPA, dated 3 April 2017, advising of an exceedance of groundwater trigger values that were not reported within seven (7) days.



1st September 2016

Our Reference: 200-200-LET-EPA-0009

Your Reference: 2013-0000239827:ST02-2013-004

Mark Rust
Senior Environmental Officer
Office of the Environmental Protection Authority
Locked Bag 10
East Perth WA 6892

Email: mark.rust@epa.wa.gov.au

Dear Mark,

Subject: Report to OEPA for Groundwater Monitoring Results as per Condition 8 of Ministerial Statement No. 870

This letter to inform the OEPA on the outcomes of the latest groundwater monitoring undertaken by Yara Pilbara Nitrates Pty Ltd (YPNPL) at the Technical Ammonium Nitrate Production Facility (TANPF) as required by Conditions 8-4 and 8-5 of Ministerial Statement 870.

Condition 8-4

The proponent shall sample/monitor all groundwater bores required by Condition 8-3 every six months and shall set groundwater monitoring trigger values at a value of 10% above the baseline contaminant concentrations obtained from the hydrogeological studies required by condition 8-1.

Condition 8-5

In the event that monitoring required by condition 8-4 indicates an exceedance of trigger levels: 1. The proponent shall report such findings to the CEO within 7 days of the exceedance being identified; 2. The proponent shall provide evidence which allows determination of the cause of the exceedance; 3. If determined by the CEO to be project attributable, the proponent shall submit actions to be taken to address the exceedance within 7 days of the determination being made to the CEO; 4. The proponent shall implement actions to address the exceedance and shall continue until such time as the CEO determines that the remedial actions may cease; and 5. The proponent shall submit bi-annually, or at a frequency defined to the satisfaction of the CEO, the results of monitoring required by condition 8-4 to the CEO, until such time as the CEO determines that reporting may cease.

Yara Pilbara Nitrates Pty Ltd



YPNPL has reported results to OEPA of previous monitoring regularly (most recently in December 2015), as ongoing monitoring continues to show substantial variation that are considered to be reflective of a natural variability rather than a result of site related potential contamination sources as a result of ongoing construction activities. Since the last report to OEPA in December 2015 progress in commissioning of the TANPF has been significantly slower than anticipated and the plant is yet to be fully commissioned.

Groundwater sampling was undertaken in June 2016, with resampling undertaken in August 2016 to check the representativeness of some results from the June sampling event. Due to limitations in sampling equipment, site MW04 was unable to be sampled. This is being addressed through the acquisition of new sampling equipment that will enable sampling of this bore. MW04 will be sampled at the next monitoring event.

In June 2016 a number of analytes were detected at concentrations slightly above trigger values. When these were retested in August 2016 one (1) analyte at one (1) well, MW02, was found to exceed the trigger value of Total Nitrogen.

The Total Nitrogen value at MW2 of 13,000 μ g/L has exceeded the trigger value of 5,610 μ g/L. As previously reported, this was also exceeded in November 2015 (6,840 μ g/L). YPNPL has initiated an investigation to understand the cause of this elevated Nitrogen value. Results from this investigation will be submitted to the OEPA once it is complete.

Attached to this letter is a summary table showing the 2016 groundwater monitoring results as well as the historical monitoring data, to enable a review of the variability of the parameters over time since 2011.

If you have any queries please do not hesitate to contact Susan Giles, Environmental Superintendent on 9183 4167 or susan.giles@yara.com.

Yours sincerely

Brian HOWARTH

HESQ Manager

Yara Pilbara Nitrates

<u>Attachments</u>

1. TANP Groundwater monitoring results

					as				Ir	norganic	s				Metals										TRHs**										
Paramet	ter	Н	TDS	TSS T	Alkalinity (total) CaCO3	Ammonia	Ammonia as N	Chloride	Nitrate (as N)	Nitrate (as NO3-)	Nitrogen (Total)	Reactive Phosphorus as P	Sulphide	Sulphate	Aluminium (Filtered)	Arsenic (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	Chromium (hexavalent)	Chromium (Trivalent)	Copper (Filtered)	Iron (Total)	Iron (Filtered)	Lead (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Mercury	Nickel (Filtered)	Zinc (Filtered)	62 - 92	C10 - C14	C15 - C28	C29-C36	C10-36 (sum of total)
Units	5	pH units	mg/L	mg/L	mg/L	mg/L	μg/L	mg/L	mg/L	mg/L	μg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L			μg/L		
Current Trigge	ger Level	6-8.4	143,000	2,090	561	0.04	40	95,700	NA	9.67	5,600	NA	NA	5,720	0.021	NA	NA	1210	NA	NA	NA	NA	143	0.26	NA	5170	0.242	0.0001	NA	0.052	NA	NA	NA	NA	NA
20 27 11 6, 17 17 9, 30 30 23	0/04/2011 0/09/2011 1/7/02/2012 1/10/2012 5/03/2013 7/04/2013 7/04/2014 0/10/2014 0/10/2014 0/04/2015 3/11/2015 1/06/2016 9/08/2016	6.95 6.86 6.90 7.09 7.26 6.71 5.60 7.13 7.44 7.31 7.22	940 995 981 1,010 1,110	180 220 520 2,900 16 25 <5 <5 <5 <5	350 320 300 300 300 290 367 358 361 272 316 288	<0.005 0.064 0.018	38 18 5 53 15 5 32 114 5 31 5 <10	780 710 670 600 570 560 300 345 366 374 394 428	1.70 2.00 1.10 1.90 2.20 0.09 1.60 0.16 2.24 0.25	8.70 4.70 <0.05	2,500 3,400 2,100 1,500 2,000 2,400 240 2,090 2,620 3,040 260 3,100	<0.002 0.008 <0.002 0.003 0.003 0.004 0.007 0.006 0.018 0.014	<0.5 <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1	170 150 140 100 100 120 59 75 119 103	0.010 0.002 0.002 0.005 <0.005 <0.005 0.006 <0.005 0.018 0.006 0.006 0.610 <0.005	<0.001 <0.001 <0.001 <0.001 <0.001 <0.001 0.001 0.001 0.001 0.000 0.001	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0004 <0.00005 <0.00005 <0.00005 <0.00005 <0.0001 <0.0001	200 170 180 170 160 160 66 57 88 92 98 102	<0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0002 <0.0002 <0.0002 <0.0002 <0.0005 <0.005	<0.002 <0.001 <0.001 0.002	<0.005 <0.001 <0.001 <0.001 <0.0001 <0.0001	0.0010 <0.0005 <0.0005 <0.0005 0.0050 <0.001 <0.002	1.80 4.20 30.00 14.00 0.39 1.47 0.57 0.33 0.32 0.42	0.008 <0.005 <0.005 0.009 <0.005 <0.005 0.437 0.430 0.052 0.044 <0.005	<0.001 <0.001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0002 0.006	63 54 53 51 49 49 29 31 32 33 33 33	0.170 0.046 0.088 0.038 0.170 0.087 0.425 0.272 0.204 0.080 0.009 0.240	<0.00005 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	<0.001 <0.001 <0.001 <0.001 <0.001 <0.0005 0.001 0.001 0.001 0.005	0.016 0.027 0.038 0.008 0.010 0.010 0.005 <0.001 0.009 0.003 <0.005 0.0052	<20 <20 <20 <20 <20 <20	<50 <50 <50 <50 <50 <50	<100 <100 <100 <100 <100 <100	<50 <50 <50 <50 <50 <50	<100 <100 <100 <100 <100 <100
MW2 30 20 27 11 6, 17 17 9, 30 30 23 14	9/06/2018 0/04/2011 0/09/2011 1/7/02/2012 1/10/2012 1/10/2013 7/04/2013 7/10/2013 9/04/2014 0/10/2014 0/04/2015 3/11/2015 4/06/2016 9/08/2016	7.16 6.78 6.83 7.12 7.28 5.34 6.90 6.98 7.14 7.19 7.03 7.90	2,000 2,040 1,550 1,650 1,720 1,680 1,700	190 84 440 320 290 10 <5 <5 <5 <5	250 290 300 370 360 340 281 250 276 304 292 281	0.036 <0.005 <0.005	200 5 30 5 5 5 5 5 5 5 17 5 10	930 1,200 1,400 1,300 1,000 811 1,100 730 771 758 692 750	3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	2.70 2.80 2.70	3,900 1,400 880 1,100 700 2,700 4,960 2,720 4,350 6,840 5,900 13,000	0.004 0.004 <0.002 <0.002 <0.002 0.003 0.003 0.007 0.010 0.008 0.006	<0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1	170 210 220 180 170 200 135 138 163 180	0.005 0.002 0.005 0.002 0.006 <0.005 <0.005 <0.005 0.017 <0.005 <0.005 <0.005	<0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0002 <0.0002 <0.0002 <0.0002 <0.0005 <0.0001	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.00005 0.0003 <0.00005 <0.00005 <0.00005 <0.00001 <0.0001	99 150 240 160 150 112 160 71 98 103 94 93	<0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0005	<0.002 <0.001 <0.001 <0.001	<0.005 <0.001 <0.001 <0.001 <0.0001	<0.001 <0.0005 <0.0005 <0.0005 0.0015 <0.001	6.00 4.60 12.00 15.00 5.20 0.06 <0.05 <0.05 0.14 <0.05	<0.005 <0.005 0.240 <0.005 <0.005 <0.005 <0.002 <0.002 <0.002 <0.002 <0.004 <0.005 <0.005	<0.001 <0.001 <0.0001 <0.0001 <0.0001 0.000 <0.0002 <0.0001	66 98 140 94 87 100 76 57 64 66 57	0.005 0.001 0.220 0.010 0.012 0.012 <0.0005 0.001 0.002 0.001 <0.0005 0.010	<0.00005 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	<0.001 <0.001 <0.001 <0.001 <0.001 <0.0005 <0.0005 <0.0005 0.001 <0.0005 <0.0005	0.013 0.021 0.047 0.021 0.017 0.012 <0.001 0.006 0.021 <0.005 0.006	<20 <20 <20 <20 <20 <20 <20	<50 <50 <50 <50 <50 <50 <50	<100 <100 <100 <100 <100 <100	<50 <50 <50 <50 <50 <50 <50	<100 <100 <100 <100 <100 <100
20 27 11 6, 17 17 9, 30 30 23	0/04/2011 0/09/2011 1/7/02/2012 1/10/2012 5/03/2013 1/10/2013 1/10/2013 9/04/2014 0/10/2014 0/04/2015 1/106/2016 9/08/2016	7.30 7.22 7.18 7.47 7.32 6.17 7.19 7.50 7.97 7.36 7.31 7.80	7,280 9,050 6,520 7,020 7,620 8,300	280 230 270 180 470 54 6 <5 <5 <5 <5	400 450 460 540 470 479 466 533 570 582 593 553	<0.005 0.015 <0.005	54 57 5 12 5 770 5 5 5 5 19 10 <10	5,400 3,700 4,000 4,200 5,900 28,000 3,140 5,000 3,480 3,780 3,980 4,640	1.90 0.32 0.12 0.26 0.03 0.61 0.46 0.18 2.37 2.03	1.40 0.51 1.10	2,600 220 610 330 420 1,500 530 840 400 3,260 3,360 2,100	0.003 0.006 <0.002 0.003 0.006 <0.001 0.009 0.021 0.020 0.021	<0.5 <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1	800 810 940 710 670 1,400 647 537 475 548	0.013 0.019 0.005 <0.01 <0.025 0.072 0.021 <0.005 0.024 <0.005 0.013 0.067 <0.005	<0.005 <0.005 <0.005 <0.01 <0.005 <0.01 0.001 0.001 0.001 0.001 0.001 <0.005	<0.0005 <0.0005 <0.0005 <0.001 <0.0005 <0.001 <0.00005 <0.00005 <0.00005 <0.00005 <0.00005 <0.00005	120 85 95 100 130 350 91 104 68 75 78	<0.005 <0.005 <0.005 <0.001 <0.005 <0.01 <0.0002 <0.0002 0.0004 0.0003 <0.0005	<0.002 <0.001 <0.001 <0.001 <0.001 <0.001	<0.005 <0.001 <0.001 <0.001 0.0003 <0.001	<0.01 0.0005 0.0017 0.0014 0.0006 0.0020 <0.002	7.40 6.80 5.80 6.30 21.00 <0.05 <0.05 <0.05 0.08	<0.025 <0.025 <0.025 <0.05 <0.05 0.010 <0.002 0.005 <0.002 0.005 0.079	<0.005 <0.001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0002 0.001	300 210 210 260 340 910 232 286 196 208 214 250	0.022 0.014 0.026 0.027 0.018 1.700 0.004 0.013 0.002 0.013 0.102 0.150	<0.00005 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	<0.005 <0.005 <0.001 <0.005 <0.01 0.001 <0.0005 0.001 <0.0005 <0.0005	0.012	<20 <20 <20 <20 <20 <20 <20	<50 <50 <50 <50 <50 <50	<100 <100	<50 <50 <50 <50 <50 <50 <50	<100 <100 <100 <100 <100 <100
MW4 30 20 27 11 6, 17 9, 30 30 23 1, 9,	0/04/2011 10/09/2011 17/02/2012 1/10/2012 16/03/2013 17/04/2013 17/10/2013 19/04/2014 10/10/2014 10/04/2015 13/11/2015 10/06/2016 19/08/2016	7.64 7.58 7.50 7.66 4.32 6.99 7.15 6.81 6.80	6,700 136,000 88,300 41,000 134,000 128,000	670 1,900 2,900 210 74 43 14 201 133	510 370 390 420 390 109 148 317 118 203	<0.005 <0.005	740 18 5 5 5 877 14 5 5 5	3,900 2,500 3,200 3,700 4,700 69,800 49,000 25,700 38,600 72,200		0.74 1.90	2,100 540 760 1,200 730 3,600 7,870 3,160 410 1,430	0.008 0.009 0.007 0.007 0.010 <0.001 <0.001 0.009 0.004 0.009	<0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1		<0.005 <0.005 <0.005 <0.01 0.031 <0.025 <0.025 0.013 <0.025 <0.005	<0.005 <0.005 <0.01 <0.005 <0.0025 0.002 <0.0025	<0.0005 <0.0005 <0.0005 <0.001 <0.0005 <0.001 <0.001 <0.0004 <0.001 0.0005	39 28 49 69 94 972 598 248 1,120 1,020	<0.005 <0.005 <0.005 <0.001 <0.005 <0.0025 <0.0025 0.0018 0.0040 0.0051	<0.002 <0.01 0.0050	<0.005 <0.02 <0.001 <0.001 0.0040 <0.001	<0.005 0.0050 <0.005 <0.002 <0.002 <0.005 0.0030	31.00 130.00 130.00 7.40 1.63 <0.5 1.02 6.76 4.71	<0.025 <0.025 <0.025 <0.05 <0.05 <0.025 <0.025 0.034 0.019 <0.025 <0.005	<0.005 <0.005 <0.001 <0.001 <0.0004 <0.001 0.000	100 68 96 150 190 3,900 2,210 921 4,590 3,960	0.014 0.011 0.033 0.041 0.120 0.277 0.003 0.075 3.290 0.098	<0.00005 <0.0001 <0.0001 <0.0001 <0.0001	<0.005 <0.005 <0.001 <0.005 0.048 0.035 0.021 0.037 0.034	0.010 0.029 0.047 0.012 <0.025 <0.025 0.042 0.042 <0.025 0.046	<20 <20 <20 <20 <20 <20	<50 <50 <50 <50 <50 <50	<100 <100	<50 <50 <50 <50 <50 <50	<100 <100 <100 <100 <100
20 27 11 6, 17 17 9, 30 30 23	0/04/2011 0/09/2011 1/1/02/2012 1/10/2012 5/03/2013 7/04/2013 7/10/2013 9/04/2014 0/10/2014 0/04/2015 13/11/2015 1/06/2016 9/08/2016	6.73 6.55 6.62 6.90 6.84 6.21 6.77 7.08 7.24 7.25 7.37 7.90	75,400 47,100 33,200 25,400 19,400 17,000	1,100 1,400 2,600 660 1,600 63 78 <5 154 119 49	370 210 150 160 170 207 275 351 397 638 485	<0.005 0.750 1.200	56 47 5 620 1,000 5 5 18 5 20 15 <10	87,000 87,000 80,000 77,000 64,000 58,000 40,500 25,700 20,500 16,300 10,600 9,300	1.10 1.20 1.10 1.30 1.60 3.29 1.54 1.02 1.00	5.50 4.70 6.00	5,100 2,700 3,400 1,800 3,400 2,600 3,460 4,170 1,340 1,870 4,490 5,400	0.007 0.010 0.006 0.005 0.007 0.014 0.005 0.002 0.013 0.016 0.003	<0.5 <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.1	5,200 4,100 4,400 3,500 3,800 3,300 2,110 1,800 1,510 1,200	l	1	<0.005 <0.01 <0.01 <0.005 <0.005 <0.005 <0.0004 <0.0004 <0.0002 <0.0002 <0.0001 <0.0010	1,000 1,100 1,100 970 770 740 599 303 194 139 20	<0.05 <0.1 <0.05 <0.05 <0.05 <0.05 <0.05 0.0120 0.0070 0.0065 0.0030 0.0040 <0.005	<0.01 <0.01 0.0030 0.0040	<0.005 <0.01 <0.001 <0.001 0.0030 0.0010	<0.05 <0.002 <0.002 <0.001 0.0020 <0.001 <0.002	12.00 25.00 37.00 18.00 44.00 0.80 1.13 <0.25 4.80 0.59	<0.25 <0.5 <0.5 <0.25 <0.25 <0.25 <0.01 0.015 0.010 0.007 <0.005 0.02	<0.05 <0.05 <0.0004 <0.0004 <0.0002 <0.0002 <0.0002 <0.0010	4,100 4,300 4,700 3,700 3,000 2,900 2,030 1,040 665 464 220 172	0.220 <0.1 <0.1 <0.05 <0.05 <0.05 0.001 0.003 0.002 0.005 0.002 0.013	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	<0.1 <0.05 <0.05 <0.05 <0.05 0.007 0.003 0.002 0.002 0.001 <0.010	<0.05 <0.1 <0.05 <0.25 <0.25 <0.01 0.017 <0.005 0.020 <0.005 <0.005	<20 <20 <20 <20 <20 <20	<50 <50 <50 <50 <50 <50	<100 <100 <100 <100 <100 <100		<100 <100 <100 <100 <100 <100



06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 4D

Letter to OEPA, dated 13 November 2013, submitting 2013 CAR.



Our Reference: 200-200-LET-EPA-0006

13th November, 2013

Mark Rust Senior Environmental Officer Office of the Environmental Protection Authority Locked Bag 10, East Perth WA - 6892

Attention: Mark Rust

SUB: REPORT TO OEPA FOR COMPLIANCE ASSESSMENT REPORT FOR STATEMENT 870 FOR THE REPORTING PERIOD OF JULY 2012 TO OCTOBER 2013.

Dear Mark Rust,

Please find the attached the transmittal of Compliance Assessment Report for Statement 870 for the reporting period of July 2012 to October 2013. As the report is big size, we are sending it through CD by express post.

Yours sincerely,

Yara Pilbara Nitrates Pty Ltd.

Rajan Sinha

Deputy General Manager

cadil



06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 4E

Letter to OEPA, dated 26 September 2014, submitting 2014 CAR.



26th September,2014

Mark Rust Senior Environmental Officer Office of the Environmental Protection Authority Locked Bag 10, East Perth WA - 6892

Attention: Mark Rust

Dear Mark Rust,

Sub: REPORT to OEPA FOR COMPLIANCE ASSESSMENT FOR STATEMENT 870 FOR THE REPORTING PEIOD OF OCTOBER 2013 TO OCTOBER 2014.

Please find the attached Compliance Assessment Report for Statement 870 for the reporting period of October 2013 to October 2014. As the complete report (with attachments) is of big size, we are sending it through CD by express post.

Yours sincerely,

Yara Pilbara Nitrates Pty. Ltd.

Rajan Sinha

Deputy General Manager



06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 4F

Email to OEPA, dated 4 March 2016, submitting 2015 CAR.

Peter French

Subject: FW: Annual Compliance Assessment Report for Statement 870

Attachments: Transmittal 0046.pdf

From: Rajan Sinha

Sent: Friday, March 04, 2016 10:56 AM **To:** Mark Rust; compliance@epa.wa.gov.au

Cc: Susan Giles; Brian Howarth; Monazzam Ali; Rob Stevens; Carly Mott; Erwin Storms

Subject: FW: Annual Compliance Assessment Report for Statement 870

Hi Mark,

Please find the attached transmittal 0046 and Compliance Assessment Report for Statement No. 870 for the reporting period of 2015.

The report has been loaded to Yara's Sharefile and the below link can be used to download. The link will be valid for 7 days.

https://yara.sharefile.com/d-se364e79761948cab

Hard copy of compliance assessment report & CD (contains report and all attachments) are being sent to you by through express post.

Please feel free to discuss for any further query on the above.

Regards,

Rajan Sinha

Technical Services and Business Development Manager Operations

Upstream Production

Mobile: +61 410 840 369 Office: +61891834139 Email: rajan.sinha@yara.com



Yara Pilbara Fertilisers Pty Ltd Lot 564. Village Road Burrup WA 6714 Karratha, Australia

www.yara.com







From: OEPA Compliance [mailto:Compliance@epa.wa.gov.au]

Sent: Tuesday, February 16, 2016 4:54 PM

To: Rajan Sinha

Subject: RE: Annual Compliance Assessment Report for Statement 870

Hello Rajan

The OEPA notes your advice that due to construction delays Yara's contractor EPC had not provided Yara with the 2015 Compliance Assessment Report and therefore it was not submitted by the required submission date of 8 October 2015.

The OEPA consider submitting the Compliance Assessment Report for year 2015 by 4 March 2016 to be acceptable on this occasion, but advise Yara that future Compliance Assessment Reports are required to be submitted by 8 October annually.

Kind Regards

Mark

Mark Rust | Senior Environmental Officer

Office of the Environmental Protection Authority | Compliance Branch

The Atrium, Level 8, 168 St Georges Terrace, Perth Locked Bag 10, East Perth WA 6892

** OEPA HAS NEW PHONE NUMBERS** Direct: 08 6145 0850| Reception: 08 6145 0800|

mark.rust@epa.wa.gov.au | http://www.epa.wa.gov.au/



From: Rajan Sinha [mailto:rajan.sinha@yara.com]
Sent: Monday, 15 February 2016 11:36 PM

To: Mark Rust

Subject: RE: Annual Compliance Assessment Report for Statement 870

Hi Mark,

Thanks for your mail and reminder on the submission of Compliance Assessment Reports for year 2015. Please note that we have yet to receive the compliance assessment reports for year 2015 from our EPC contractor, as TAN Project has been delayed more than six months due to non-completion of construction activity. We will be able to submit a Compliance Assessment Report for year 2015 by 4th March,16.

Your approval on the above is highly appreciated.

Regards,

Rajan Sinha

Technical Services and Business Development Manager Operations

Upstream Production

Mobile: +61 410 840 369 Office: +61891834139 Email: rajan.sinha@yara.com









From: Mark Rust [mailto:Mark.Rust@epa.wa.gov.au]

Sent: Thursday, February 11, 2016 3:57 PM

To: Rajan Sinha

Subject: Annual Compliance Assessment Report for Statement 870

Hello Rajan

Condition 4-6 of Statement 870 requires Yara Pilbara Nitrates Pty Ltd (YPNPL) to submit a Compliance Assessment Report annually.

The attached TAN Burrup Project Compliance Assessment Plan (CAP) required by Conditions 4-1 and 4-2 of Statement 870 was submitted to the OEPA by YPNPL on 9 August 2012 and approved by the Office of the Environmental Assessment (OEPA) in a letter dated 23 August 2012.

Section 4 of the CAP states Compliance Assessment Reports will be submitted by 8 October annually. The OEPA have no record of a Compliance Assessment Report for Statement 870 being submitted by 8 October 2015.

If YPNPL did submit a Compliance Assessment Report by 8 October 2015, please provide a copy to the OEPA by close of business on **Tuesday 16 February 2016.**

If YPNPL did not submit a Compliance Assessment Report in 2015 please advise the OEPA by close of business on Tuesday **16 February 2016.**

Kind Regards Mark

Mark Rust | Senior Environmental Officer

Office of the Environmental Protection Authority | Compliance Branch

The Atrium, Level 8, 168 St Georges Terrace, Perth

Locked Bag 10, East Perth WA 6892

** OEPA HAS NEW PHONE NUMBERS** Direct: 08 6145 0850| Reception: 08 6145 0800|

mark.rust@epa.wa.gov.au | http://www.epa.wa.gov.au/



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06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 4G

Email to OEPA, dated 6 October 2016, submitting 2016 CAR.

Will Moore

From: Carly Mott

Thursday, 6 October 2016 1:50 PM

To: compliance@epa.wa.gov.au

Cc: Susan Giles; Peter French

Subject: Yara Pilbara Nitrates Transmittal 0072: 2016 Annual Compliance Assessment Report

MS870

Attachments: Transmittal 0072.pdf; 500-200-CAR-YPN-0036 Rev 0.pdf

Good Afternoon,

Please see attached Yara Pilbara Nitrates Transmittal 0072 and the referenced 2016 Annual Compliance Assessment Report (MS870) for the TAN Plant issued on behalf of Susan Giles, Environmental Superintendent.

Please note that due to the size of some of the reports attachments, the attachments have been supplied separately. Please use the following link to download the attachments:

https://yara.sharefile.com/d-s631b9bc1fcf4ab69

Please also note a copy of the complete report (including attachments) will be loaded to the Yara.com.au website and the URL link will be forwarded once complete.

Yara Pilbara Nitrates requires acknowledgement that you have received this correspondence. Please acknowledge by either return email or by signing and returning the attached transmittal.

Thank you

Carly Mott

Document Controller HESQ Production Site Operations Office: 08 9183 4125 Email: carly.mott@yara.com



Yara Pilbara Fertilisers Pty Ltd Lot 564. Village Road Burrup WA 6714 Karratha, Australia www.yara.com









06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 5A

Letter from OEPA, dated 18 March 2013, approving revised Air Quality Management Plan and submission on best practice pollution technology.

Mr Rajan Sinha Deputy General Manager Yara Pilbara Nitrates Pty Ltd Locked Bag 5009 KARRATHA WA 6714 Your Ref: 0086269

Our Ref: A574214:OEPA2012/0638-1 Enquiries: Annarie Boer, 6467 5431

Email: annarie.boer@epa.wa.gov.au

Dear Mr Sinha

BURRUP TECHNICAL AMMONIUM NITRATE PRODUCTION FACILITY — AIR QUALITY MANAGEMENT PLAN (MINISTERIAL STATEMENT 870)

Thank you for your communication of 22 February 2013 submitting the revised Burrup Technical Ammonium Nitrate Production Facility Air Quality Management Plan (Reference 0086269) and 'Burrup TAN Plant Emission Comparison with Best Available Techniques Reference Documents' (Document no: 15626-F16-002). The revised plan has been submitted to address previous comments to you provided in Office of Environmental Protection Authority (OEPA) correspondence dated 18 January 2013 and discussed via conference call on 12 February 2013.

These documents have been prepared to address Conditions 5-1 and 5-2 of Ministerial Statement 870. Condition 5-1 states:

The proponent shall adopt and implement best practice pollution control technology as determined by the Chief Executive Officer of the Department of Environment and Conservation (DEC) on advice of the CEO to minimise all relevant emissions from the TANPF ammonium nitrate prilling plant.

Condition 5-2 states:

Prior to construction, the proponent shall prepare and implement an ambient air monitoring programme to the satisfaction of the CEO on the advice of the Chief Executive Officer of the DEC.

The revised Plan has been reviewed by the OEPA and is considered to address the relevant conditions above.

If there are any changes to the Plan that would substantially affect the management actions or targets, the amended plan would require submittal to the OEPA.

Should you have any queries with regard to content of this letter, please contact Annarie Boer on 6467 5431.

Yours sincerely

Kim Taylor

GENERAL MANAGER

/ 8 March 2013

Cc

- Mr Adrian Blockley, Air Quality Management Branch, Department of Environment and Conservation (DEC)
- Ms Suzanne Roworth, Pilbara Region, DEC
- Ms Fiona Esszig, Pilbara Region, DEC



06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 5B

Letter to OEPA, dated 8 December 2016, requesting variation to the implementation of the AQMP



8th December 2016

Our Reference: 200-200-LET-EPA-0011

Your Reference: MS 870

Chief Executive Officer
Office of the Environmental Protection Authority
Locked Bag 10
East Perth WA 6892

Email: compliance@epa.wa.gov.au, matt.spence@epa.wa.gov.au

Dear Sir,

Subject: Proposed Change to Air Quality Management Plan approved under Condition 5 of Ministerial Statement No. 870

This letter follows from the 2016 Compliance Assessment Report (CAR) that Yara Pilbara Nitrates Pty Ltd (YPN) submitted for the Technical Ammonium Nitrate (TAN) Plant on 6 October 2016. In the CAR, YPN reported that the construction phase air quality monitoring had not been effectively implemented during the reporting period (8 July 2015 to 7 July 2016) and that the air emissions risk profile of the Plant had significantly changed. Specifically, the air emissions risk profile for the past 12-18 months had been more representative of the operations phase air emissions rather than construction phase air emissions.

YPN requests a variation to the implementation of the OEPA approved Air Quality Management Plan (AQMP) to recognise this change in risk profile. It is proposed that air quality monitoring being undertaken for the TAN plant during the current reporting period (8 July 2016 – 7 July 2017) will be that described in the AQMP as 'Operational Monitoring', including both stack emissions monitoring and off-site ambient air quality monitoring.

This change will bring the air quality monitoring in line with the monitoring described in the Commissioning Environmental Management Plan that has been approved by the Department of Environment Regulation as a requirement of the Works Approval W4701/2010/1.



YPN acknowledges that this request is an interim measure, as YPN intends to update and revise the AQMP once in operations and the requirements of Works Approval W4701/2010/1 have been met and YPN has successfully acquired an Operating Licence (issued in accordance with the *Environmental Protection Act 1986*).

If you have any queries please do not hesitate to contact Susan Giles, Environmental Superintendent on 9183 4167 or susan.giles@yara.com.

Yours Sincerely,

Jason BARTLETT

Acting HESQ Manager

Yara Pilbara Nitrates

Attachment:

1. 250-500-PLN-ERM-0004 TAN Plant Air Quality Management Plan February 2013



06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 5C

Letter from OEPA, dated 22 December 2016, acknowledging the variation to the implementation of the AQMP

Mr Brian Howarth Health, Environment, Safety & Quality Manager Yara Pilbara Nitrates Pty Ltd Locked Bag 5009 KARRATHA WA 6714

Our Ref: CA01-2013-0018

Enquiries: Matt Spence, 6145 0819 Email:

matt.spence@epa.wa.gov.au

Dear Mr Howarth

MINISTERIAL STATEMENT 870 - AIR QUALITY MANAGEMENT PLAN

Thank you for your letter to the Office of the Environmental Protection Authority (OEPA) dated 8 December 2016 regarding the implementation of the OEPA approved Air Quality Management Plan (AQMP) at the Technical Ammonium Nitrate Plant.

The OEPA understands that following the completion of construction activities there has been a change in risk profile for impacts to air quality. Therefore, future monitoring is proposed to be carried out as described within the "Operational Monitoring' section of the approved AQMP, which will include both stack emissions monitoring and offsite ambient air quality monitoring.

This approach is acceptable to the OEPA, and the Proponent should continue to implement the approved AQMP. Any changes to the implementation of the AQMP must to be submitted to the OEPA for approval.

If you have any questions please contact Matt Spence 6145 0819.

Yours sincerely

MANAGER, COMPLIANCE BRANCH

22 December 2016



06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 6A

January 2017 Weed Survey Report

YARA TECHNICAL AMMONIUM NITRATE (TAN) PLANT- BURRUP PENINSULA - WEED SURVEY

_	TFI		-	

Prepared for Pilbara Nitrates Pty Ltd

vicki long & associates

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YARA TECHNICAL AMMONIUM NITRATE (TAN) PLANT BURRUP PENINSULA WEED SURVEY

Prepared for:

Yara Pilbara Nitrates Pty Ltd

Job No: VLA-031_17

Reference No: vla031_Rev0_150717

Revision Status

Rev	Date	Description	Author(s)	Reviewer
Α	30/04/2017	Draft Issued for Client Approval	V Long	P French
В	13/07/2017	Draft for Client Information	V Long	C Webster
0	15/09/2017	Final for Client Information	V Long	

vla

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Appendix E: Weed Descriptions – Weeds Occurring on Yara Site and Potential Weeds

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1. Introduction

Yara Pilbara Nitrates Pty Ltd (YPN) has recently constructed a Technical Ammonium Nitrate (TAN) Plant on the Burrup Peninsula and is soon to commence production. Ministerial Statement 870 (MS870), which gave approval for the TAN Plant project to proceed includes the following Conditions which need to be complied with:

Condition 6.1.5: No new species of weeds (including both declared weeds and environmental weeds) shall be introduced into the area as a result of the implementation of the proposal; and **Condition 6.1.6**: The coverage of weeds (including both declared weeds and environmental weeds) within the rehabilitation areas shall not exceed that identified in baseline monitoring undertaken prior to the commencement of operations, or exceed that existent on comparable, nearby land which has not been disturbed during implementation of the proposal.

The TAN Plant has been constructed and is being commissioned by Engineering Procurement and Construction (EPC) contractor Technicas Reunidas(TR). TR has implemented some weed control to comply with their Construction Environmental Management Plan during the construction period (Tecnicas Reunida 2012). However in the 2016 MS870 Compliance Assessment Report, YPN was not able to demonstrate that there had been no new weed species introduced to the plant site during construction. YPN committed to undertaking a weed survey by a qualified botanist to ascertain the presence and relative abundance of weed species at the TAN Plant site.

YPN received correspondence from the Office of Environmental Protection Authority (OPEA) responding to the submitted Compliance Assessment Report and asking YPN for a response on the status of weeds on the site by January 31st 2017. In order to meet this deadline, YPN requested Vicki Long & Associates (VLA) conduct a weed survey of their Burrup TAN plant site and lease area. This was conducted on December 21st 2016, some 6 months following rainfall. The report recommended a second survey be conducted at an appropriate time following adequate rainfall in order to gain a better understanding of weeds on the site. VLA was requested to conduct this work in April 2017 following a total of 369 mm rainfall received in January and February 2017. This report details the results of the April 2017 survey.

2. Scope

The scope of work was to conduct a follow up weed survey of Lot 3017, Village Road, Burrup (the TAN Plant site and lease); to identify and locate (with hand held GPS) any declared and/or environmental weeds present. Weed presence and abundance was to be compared with the project baseline survey data.

3. The Site

The Yara TAN Plant site is located on the eastern side of the Burrup Peninsula (Murujuga) on the Pilbara coastline, some 20 km north of Karratha within the Burrup Strategic Industrial Area. It sits on the northern side of the King Bay tidal inlet and west of Hearson Cove. The Yara TAN site 49 hectares (ha), of which the TAN Plant comprises some 33.11 ha.

The site was, pre-construction, biologically complex, extending from the lower toe of the rocky hill slopes to the north across coastal flats and small sandy "islands" tapering to the tidal inlet to the south. The Level 1 botanical survey conducted for the Public Environmental Review (PER) (Outback Ecology Services 2010) discusses five broad vegetation types over the TAN Plant site, although it does appear from the vegetation map in that report (Figure 2 of Annex 1) (ERM 2010) that 15 vegetation communities actually occurred on the site pre-construction. The remnant vegetation within the lease area that are outside of and to the south of the plant site identified in the baseline survey (Outback Ecology Services 2010) are based on the Trudgen report (2002) mapping and are described as:

AbTeWa (coastal flats): High open to open heath of *Acacia bivenosa, A. coriacea subsp coriacea* over low open shrubland over *Triodia epactia* hummock grassland and mixed closed grasses over herbs, and:

Sm (saline inlet and supratidal flats): Tecticornia spp. Scattered low shrubs to open heath.

VLA (2017) recorded the vegetation currently existing within the lease as:

AbTttCc (coastal flats): *Acacia bivenosa* open (2-10%) to scattered (<2%) tall shrubland over open *Trianthema turgidifolia* low shrubland (2-10%) over *Cenchrus ciliaris* tussock grassland (30-70%) to closed tussock grassland (70-100%) with patchy (<2%) *Triodia epactia*.

CcTsp (fringing saline inlet and coastal flats): *Cenchrus ciliaris* closed tussock grassland (70-100%) with scattered (<2%) low shrubs of *Tecticornia* species and *Trianthema turgidifolia* fringing tidal inlet.

Tspp (saline inlet and supratidal flats): *Tecticornia* species low open shrubland (2-10%) to scattered low shrubs (<2) on tidal inlet

4. Methods

Aerial photos were used to identity survey areas both within and beyond the plant site. All areas were traversed by foot. At each weed location the following attributes were recorded.

Table 1: Attributes recorded at weed locations in 2017 survey

Attribute	Description		
Species name	Current taxonomic species name of all weed species		
Collection Id	Unique identifying code was assigned if a specimen was collected		
Location	Coordinates of the weed point location (GDA94)		
Recorder and date	Personnel involved in sampling at location and survey date		
Cover (within a stated	An estimate of foliar cover as a percent value (1; 5; 10; 20; 30; 40; 50; 60; 70; 80;		
area)	90 and 100) within a determined area, usually defined by infrastructure boundaries, pre-construction boundaries, natural features.		
Life Stage	Non-flowering; Flowering; Set Seed; Seeding		

5. Survey Personnel and Timing

The field survey was conducted by Vicki Long, a botanist/ecologist with over 30 years of experience in the Pilbara. Vicki has been involved in numerous weed surveys on the Burrup Peninsula and coastal Pilbara and is well qualified to detect new incursions and assess current infestations. Vicki was accompanied by Nicole Ivory, Graduate Environmental Officer Yara.

The survey of the Yara TAN lease was conducted on the 5th of April 2017. Above average rainfall had been received in January and February 2017 when 130.4 mm and 238.6 mm (a total of 369.0 mm) of rainfall were received respectively. This meant that grass species were in late flower/early seed stage and that later developing annual and perennial herbaceous species were in early flower so all weed species could be easily identified.

6. Taxonomy and Nomenclature

All species recorded were able to be identified in the field by the surveying botanist.

7. Results

7.1 Vegetation Condition - General

A discussion is given in the previous weed survey report (VLA 2017) with regard to deteriorating vegetation condition due to an increase in buffel grass between the Trudgen mapping in 2000 (Trudgen 2002) and the baseline survey report for the project (Outback Ecology Services 2010). In the 2017 report, VLA recorded a similar abundance of buffel grass present to that reported by Outback Ecology Services (2010). Three vegetation associations were described by VLA (2017) based on Muir (1977) and Aplin's (1979) modification of the vegetation classification system of Specht (1970) (Appendix A Table A.1) and vegetation condition is based on Trudgen (1988) (Appendix A Table A.2).

Since December 2016 there has been a significant die off of *Acacia bivenosa* on the south and eastern sides of the plant site. This is most severe on the southern side where the population mortality was recorded as 98%. Interestingly, no new seedlings have emerged in this population, which is the usual response to age related deaths of shorter lived acacia populations, to replace dead shrubs.

It is noted that currently local groundwater levels are at >10 year highs (as evidenced by bores on YPF site) and it is postulated that the saline groundwater associated with the King Bay Tidal flats have risen above the root level of the Acacia population, causing widespread mortality due to salinity and associated drought. Records over the past 45 years (Karratha Aero Station No 4083) indicate that, despite the somewhat erratic nature of rainfall events in the Pilbara, annual rainfall between 1972 and 1996 was relatively stable. During this period annual totals were generally between 180 – 280 mm, with the occasional exceptions (505 mm in 1973 and only 53 mm in 1983). It appears that between 1997 and 2017, rainfall has become more erratic and much higher total rainfall is being recorded more frequently (eg. 552 mm in 1999, 855 mm in 2006, 489 in 2009, 765 mm in 2011, 594 mm in 2013 and between January and March 2017, 415 mm was received). It is likely that during each of these years of major rainfall, saline groundwater beneath the near coastal areas would be mobilised by the substantial sub-surface flows which occur during and after heavy rainfall events. Additionally surface run-off from the surrounding ranges would dissolve salt in the

soil column deposited on these near coastal dunes due to their proximity to the sea, further causing the salinity of shallow groundwater to rise. Although *Acacia bivenosa* is known to be somewhat saline tolerant, it is probable that repeated saline impacts would eventually stress plants significantly. The regularity of the high rainfall events over the past 10 years would not allow plants to recover fully. This is hypothesis only as the populations have not been monitored over that period.

Vegetation as recorded in the December 2016 survey (VLA 2017) and its current condition in the area are described in Table 2.

Table 2: Vegetation descriptions for remnant vegetation east and south of Yara TAN plant site (within lease)

Code	Vegetation Description ¹	Condition ²
AbTtCc (2016) TtCc (2017)	Acacia bivenosa open (2-10%) to scattered (<2%) tall shrubland over open Trianthema turgidifolia low shrubland (2-10%) over Cenchrus ciliaris tussock grassland (30-70%) to closed tussock grassland (70-100%) with patchy (<2%) Triodia epactia on sandy flats. Open Trianthema turgidifolia low shrubland (2-10%) over Cenchrus ciliaris tussock grassland (30-70%) to closed tussock grassland (70-100%) with patchy (<2%) Triodia epactia on sandy flats.	Very Poor
СсТѕр	Cenchrus ciliaris closed tussock grassland (70-100%) with scattered (<2%) low shrubs of Tecticornia species and Trianthema turgidifolia fringing tidal inlet.	Completely Degraded
Tspp	Tecticornia species low open shrubland (2-10%) to scattered low shrubs (<2) on tidal inlet.	Very Good

¹Vegetation descriptions are based on Muir(1977) and Aplin's (1979) modification of the vegetation classification system of Specht (1970): Aplin T.E.H. (1979). The Flora. Chapter 3 in O'Brien B.J. (ed) 1979 *Environment and Science* University of Western Australia Press.

7.2 Weed Species Recorded

No Declared Pests were found on the site (Appendix B Table B.1 and B.2)

Three weeds were recorded in the 2017 Tan lease survey, one being new to the Yara TAN Plant site.

Two plants of *Indigofera sessiliflora* were recorded on a rock batter along the south-eastern end of the plant site at GPS co-ordinate: 0477966E 7719316N. This weed is not listed by Hussey *et al* (1997) but is listed on FloraBase (DBCA 2017). It has previously been recorded at Port Hedland and Cape Preston. The earliest record of the plant is in 1991 (Keighery 2010). It has been observed growing on disturbed areas around Karratha, particularly near the coast (V Long *per obs*) and the author believes it is more widespread than indicated in FloraBase. It has been previously recorded by the author and others at Port Hedland.

The other weeds recorded were *Cenchrus ciliaris* (buffel grass) and *Aerva javanica* (kapok) and both species have been recorded in previous surveys. The Department of Biodiversity, Conservation and Attractions (DBCA) classify weeds in each region, termed "environmental weeds". These are weeds that may impact on natural, rather than agricultural or horticultural, values and are ranked based on

²Vegetation Condition Scale is based on Trudgen M.E. (1988). A Report on the Flora and Vegetation of the Port Kennedy Area. Unpublished report prepared for Bowman, Bishaw and Associates West Perth.

invasiveness, ecological impact, potential and current distribution and the feasibility for control. Weed rankings are shown in Appendix B Table B.3. The three weed species found on the Yara TAN site are classified as environmental weeds. The priority for management is defined by these risk rating categories (DPAW 2013).

With regard to the weed rankings, it should be remembered that they are formulated for the entire Pilbara region, much of which is under pastoral lease where buffel grass in particular is a highly valued fodder species. Both buffel grass and kapok are now widespread in the Pilbara and control is no longer a feasible option for the wider area. The Burrup Peninsula however, like some offshore islands, is still relatively weed-free apart from in the Industrial Zone. The vegetation types found on the Burrup Peninsula (Murujuga National Park) are not replicated anywhere else on the Pilbara mainland (Trudgen 2002). Put into context, the vegetation of the Burrup is unique and has high conservation value. Given this, the fact that Murujuga National Park is a tourist asset and the globally acknowledged heritage value of the rock art, the "High" ranking for both buffel grass and kapok on the Burrup should be taken seriously.

Table 3: Inventory of weed species recorded within the Yara TAN lease, weed policy classifications and recommended management options. (Australian Weeds Committee 2012; Department of Parks and Wildlife 2013)

Species Name (common name)	Classification ¹
Aerva javanica (kapok)	Environmental weed (High; D,E)
Cenchrus ciliaris (buffel grass)	Environmental weed (High, D)
Indigofera sessiliflora	Environmental weed (TBA)

¹Management actions that may be considered for each ranking are included in Appendix B.

Buffel grass and kapok were both recorded present in the Level 1 baseline survey conducted for the PER in March 2009 (Outback Ecology 2009). *Indigofera sessiliflora* was not recorded in 2009. *Vachellia farnesiana* recorded during that survey was not detected in this 2016 survey.

7.3 Cover and Life Stage

Plant Site

The plant site is comprised of two distinct areas: the operating plant area and the surrounding infrastructure, office and boundary areas.

The operating plant area is heavily gravelled which continues to result in very low weed presence (0-<1%).

The area peripheral to the operating plant area includes stony batters, office sites on surfaces of dirt or cracker dust, mostly dis-used laydown areas and an area of stockpiled soil. These areas had varying weed presence and, as would be expected following abundant summer rainfall, foliar cover and abundances were much higher than recorded in the December survey. Kapok and buffel were equally recorded this visit and densities ranged from 10% to 85% for both species, compared to December when kapok was the most recorded species with cover ranges from <1% to 20% and up to 60% at some weed record points and buffel, which was much less abundant (as would be expected at that time of year) ranged from <2% to 10%.

Buffel was generally recorded as flowering and seeding whilst the majority of kapok was in early flower stage.

Locations, abundances for each species, life stage of weeds recorded are given in Table 1 Appendix C. Because of the varied percent cover of both buffel grass and kapok at each location, a density range was developed which considers the total weed cover at each location where the record was made. Cover ranges are:

Description	% Cover in area assessed			
Very Dense	80-100			
Dense	60-80			
Moderate/Dense	30-60			
Moderate	10-30			
Sparse	2-10			
Scattered	0-2			

Total % cover of buffel grass and kapok are mapped within these ranges in Appendix D Figure 1. The map references should be cross referenced with Table 1 in Appendix C which indicates the individual abundances of kapok and buffel separately at each weed location point.

Lease area south and south east of Plant Site

The area outside the plant site fence (but within Yara TAN's lease) to the east and south east was heavily infested with buffel grass. Both areas had an estimated buffel grass cover of 70% to 90% of the total area and kapok varied from 10% to 60%. Locations, abundances and lifestage are included in Table 1 Appendix C and range abundances are mapped in Appendix D Figure 1.

7.4 Comparison with Previous Weed Mapping

The Scope of Works requirement to compare the type and abundance of weeds to the baseline survey (2009) can only be done superficially for reasons described in VLA report (January 2017).

Weed mapping was conducted in July and October 2013 and a map is included in the Compliance Report for Weed Management Attachment 04 *Weed Mapping Report* (Tecnicas Reunidas 2014). The map does show the location of buffel and kapok and "fumigation" efforts in 2013 but does not indicate abundance.

From the previous literature available, it appears that the locations of buffel and kapok within the plant site area have remained the same but there has been further spread into the western side of the plant site and along the access road into the site since 2013. A comparison of species abundance cannot be commented on. The area outside the plant site, on the eastern and southern sides of the lease appears to have remained constant, given that no Vegetation Condition Scale was referred to in that report, since the baseline survey in 2009.

The MS870 Condition 6.1.6 states "The coverage of weeds (including both declared weeds and environmental weeds) within the rehabilitation areas shall not exceed that identified in baseline monitoring .." As Yara have not undertaken any specific revegetation to date, the Scope of Work requirement to compare current abundances with baseline survey goes beyond compliance and shows environmental integrity.

A weed map is presented in Appendix D Figure 1.

A description of weeds found during the survey on both the Yara TAN plant and Yara Ammonia plant, and potential weed species to be alert for are presented in Appendix E.

1. Discussion and Recommendations

One new weed was recorded in the Yara TAN lease area this survey. *Indigofera sessiliflora* has not been recorded on the lease or the wider Burrup previously.

• It is recommended that the two plants recorded be removed immediately and that the surrounding area be thoroughly searched for any others. These can be hand pulled.

The weed rankings for both kapok and buffel grass have recently been elevated to "High" by DBCA, however the management options (DPaW 2013), which have not been correspondingly reviewed, remain for both weeds as "D – Protect Priority Sites" and "E – Targeted control to reduce infestations at priority sites". Given the high conservation value of the vegetation of the Burrup Peninsula, these management options to keep weeds contained and or controlled within the Yara TAN plant site is sound environmental practice. In saying this the eastern and southern area beyond the plant site are now in very poor to degraded condition and it is not likely that buffel grass could be controlled in this area, nor would it be cost and time effective to do so. Based on the results of this survey the following recommendations are made.

- Yara TAN consider a weed program for each species based on risk, time and resources to ensure effectiveness of weed control.
- Within the plant site, both buffel grass but particularly kapok should be controlled. Lower
 priority can be given to gravelled areas, and high priority to the outer boundaries of the
 plant site particularly along the northern and western boundaries.
- Control methods and timing should be undertaken according to a Weed Management Plan which will indicate best times for treatment.
- The eastern and southern area outside the plant site area should be monitored at appropriate times and following sufficient rainfall to check for any new weed incursions only. Control is not considered viable in this area.
- A weed audit to check for new weed incursions and to assess the effectiveness of weed treatment should be done annually as dictated by a Weed Management Plan.

9. References

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APPENDIX A Vegetation Description Scale and Vegetation Condition Scale

Vegetation Structural Classes¹

Table A.1 Vegetation descriptions based on Muir (1977) and Aplin's (1979) modification of the vegetation classification system of Specht (1970)

Stratum	Canopy Cover (%)						
	70-100% 30-70%		10-30%	2-10%	<2%		
Trees over 30 m	Tall closed forest	Tall open forest	Tall woodland	Tall open woodland	Scattered tall trees		
Trees 10-20 m	Closed forest	Open forest	Woodland	Open woodland	Scattered trees		
Trees under 10 m	Low closed forest	Low open forest	Low woodland	Low open woodland	Scattered low trees		
Shrubs over 2 m	Tall closed scrub	Tall open scrub	Tall shrubland	Tall open shrubland	Scattered tall shrubs		
Shrubs 1-2 m	Closed heath	Open heath	Shrubland	Open shrubland	Scattered shrubs		
Shrubs under 1 m	Low closed heath	Low open heath	Low shrubland	Low open shrubland	Scattered low shrubs		
Hummock grasses	Closed hummock grassland	Hummock grassland	Open hummock grassland	Very open hummock grassland	Scattered hummock grasses		
Grasses, Sedges Herbs	Closed tussock grassland / bunch grassland/ sedgeland / herbland	Tussock grassland / bunch grassland /sedgeland / herbland	Open tussock grassland / bunch grassland /sedgeland / herbland	Very open tussock grassland / bunch grassland /sedgeland / herbland	Scattered tussock grasses / bunch grasses/ sedges/ herbs		

¹Vegetation descriptions are based on Muir(1977) and Aplin's (1979) modification of the vegetation classification system of Specht (1970): Aplin T.E.H. (1979). The Flora. Chapter 3 in O'Brien B.J. (ed) 1979 *Environment and Science* University of Western Australia Press.

Vegetation Condition Scale¹

Table A.2 Vegetation Condition Scale based on Trudgen M.E. (1988)

E = Excellent

Pristine or nearly so; no obvious signs of damage caused by the activities of man.

VG = Very Good

Some relatively slight signs of damage caused by the activities of man. For example, some signs of damage to tree trunks caused by repeated fire, the presence of some relatively non-aggressive weeds, or occasional vehicle tracks.

G = Good

More obvious signs of damage cuased by the activities of man, including some obvious impact on the vegetation structure such as that caused by the low levels of grazing or by selective logging. Weeds as above plus some more aggressive weeds.

P = Poor

Still retains some basic vegetation structure or ability to regenerate to it after very obvious impacts of activities of man, such as grazing, partial clearing (chaining) or frequent fires. Weeds as above plus some more aggressive weeds.

VP = Very Poor

Severely impacted by grazing, very frequent fires, clearing or a combination of these activities. Scope for some regeneration but not to a state approaching good condition without intensive management. Usually with a number of weed species including very aggressive species.

D = Completely Degraded Areas that are completely or almost completely without any native species in the structure of their vegetation: ie areas that are cleared or "parkland cleared" with their flora comprising weed or crop species with isolated native trees or shrubs.

¹Vegetation Condition Scale is based on Trudgen M.E. (1988). A Report on the Flora and Vegetation of the Port Kennedy Area. Unpublished report prepared for Bowman, Bishaw and Associates West Perth.

APPENDIX B Weed Classifications

Weed Classifications

Weeds of National Significance (WONs)

Thirty-two WoNS have been agreed by the Australian State and Territory governments, based on the weed species' invasiveness, potential for spread and environmental, social and economic impacts (Australian Government, 2011). In Western Australia, many WoNS are also declared pests under the BAM Act.

Declared Pests

The Department of Agriculture and Food Western Australia (DAFWA) regulates weeds under the Biosecurity and Agriculture Management Act 2007 (BAM Act), which supersedes the Agriculture and Related Resources Protection Act 1976. Weeds are grouped into four main classifications (Table 1).

Table B.1: Categorisation of plants under the BAM Act

Category	Description			
Permitted organisms under section 11	Organisms that are allowed entry into Western Australia			
Prohibited organisms under section 12	Organisms that are prohibited from entry into Western Australia			
Unlisted organisms under section 14	If an organism cannot be categorised as either permitted or prohibited the organism will be unlisted			
Declared pest under section 22	Pests that may be in the State but are under official containment, control or eradication			

Plants that are prevented entry into the State or have control or keeping requirements within the State are declared pests. Declared pests can be assigned to a C1, C2 or C3 category under the BAM Act Regulations 2013. Prohibited organisms can be assigned to a C1 or C2 control category (Table 2).

Table B.2: Categories of declared pests under the BAM Act regulations.

Category	Description		
C1 Exclusion	Plants which should be excluded from part or all of Western Australia.		
C2 Eradication	Plants which should be eradicated from part or all of Western Australia.		
C3 Management	Plants that should have some form of management applied that will alleviate the harmful impact of the plant, reduce the numbers or distribution of the plant or prevent or contain the spread of the plant.		

Landholders, managers and occupiers of land are responsible for the management declared pests on their land. The Western Australian Organisms List contains information on the area(s) in which a pest is declared and the control and keeping categories to which it has be assigned in Western Australia.

Environmental Weeds

The Weed Prioritisation Process for the Department of Biodiversity, Conservation and Attractions (DBXA) prioritise weeds in each DBCA region. The process ranks weeds based on their invasiveness, ecological impact, potential and current distribution and the feasibility for control. Within each region, each weed species has been ranked by risk. Table B.3 (DBCA 2016).

Table B.3: Weed species rankings (DBCA) 2016.

Weed Species Ranking	Objective			
VH – Very High	Eradication			
H - High	Eradication or control to reduce			
M – Medium	Control to reduce or containment			
L – Low	Containment at key sites only			
N - Negligible	No action to be undertaken but may include monitoring only			

The weed ranking includes examples of management actions that may be appropriate. Management actions that can be applied are presented in (Table B.4) (Parks and Wildlife 2013).

Table B.4: Examples of management actions that may be considered for each ranking (Parks and Wildlife, 2013).

Management Code	Explanation
А	No action (the weed species ranking is so low as to not warrant any investment in regional strategic management actions)
В	Monitor only (aims to detect any significant changes in the species' weed risk or management ability)
С	Improve general weed management (aims to minimise weed impact and maintain the overall biodiversity, social, cultural and economic values on the region through improved general weed management
D	Protect priority sites (aims to prevent spread of weed species to key sites/assets of high biodiversity, social, cultural or economic value)
E	Targeted control to reduce infestations at priority sites (may include biocontrol) (aims to significantly reduce the impact of a weed species on key sites/assets of high biodiversity, social, cultural or economic value through targeted management)
F	Contain regional spread (aims to prevent the ongoing spread of the weed species in the region)
G	Reduce regional infestations (may include biocontrol) (aims to significantly reduce the extent of the weed species in the region)
Н	Regional eradication (aims to remove the weeds species from the region)
1	State-wide eradication (aims to remove the weed species from the State)

APPENDIX C Weed Locations, Abundances, Life Stage And Map Reference

APPENDIX C Table C.1: YARA TAN PLANT WEED SURVEY – FIELD DATA AND MAP REFERENCE

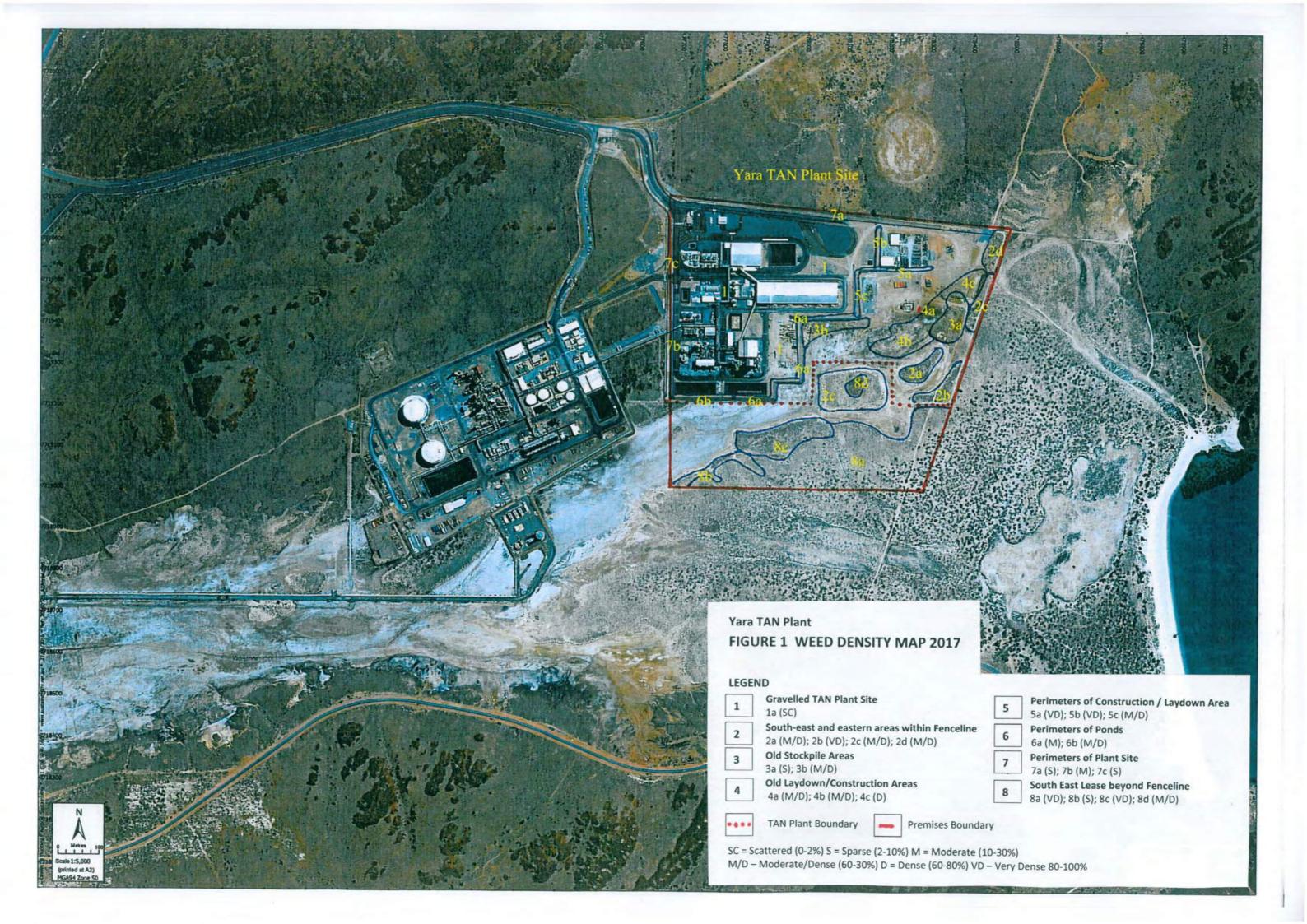
General Area and Map Ref.(see App D)	Weed Species Cenchrus ciliaris = buffel grass Aerva javanica = kapok	GPS for Individuals or 5x5m area (Easting/Northing) (see Figures for extent)	Life Stage NF, F, SS, SD ¹	% cover of each species for area surveyed	Total Cover category for area surveyed (Ref Ap D)	Comment
Area 1	Gravelled Plant Site					,
1a	Cenchrus ciliaris Aerva javanica		SS, SD	<1 <1	SC	Very isolated small individuals only
Area 2	South-east and eastern area	as of site within Fenceline				
2a	Cenchrus ciliaris Aerva javanica	0478248 7719279	SD	45 <2	M/D	Remains good representation of native <i>Triodia</i> epactia hummock grass.
2b	Cenchrus ciliaris Aerva javanica	0478265 7719225	SD F, SS, SD	50 20	VD	Very buffel infested. Scattered <i>T. epactia</i> only.
2c	Cenchrus ciliaris Aerva javanica	0478413 7719412	SS, SD F, SS, SD	45 5	M/D	Very buffel infested. Scattered <i>T. epactia</i> only.
2d	Cenchrus ciliaris Aerva javanica	0478458 7719597	SS, SD F, SS,SD	35 15	M/D	Remains good representation of native <i>Triodia</i> epactia hummock grass
Area 3	Old Stockpile Area	·				
3a	Cenchrus ciliaris Aerva javanica	0478377 7719450	SS, SD F, SS	5 5	S	There is a good diversity of native species that have emerged in this area, (Rhymin, Trizey, Acabiv, Accpyr, Clevis, Dacrad, Abulep. Tecind, Adrtom, Swafor, Lawvir, Sescan, Corwal, Euptan). Low % cover of weeds.

General Area and Map Ref.(see App D)	Weed Species Cenchrus ciliaris = buffel grass Aerva javanica = kapok	GPS for Individuals or 5x5m area (Easting/Northing) (see Figures for extent)	Life Stage NF, F, SS, SD ¹	% cover of each species for area surveyed	Total Cover category for area surveyed (Ref Ap D)	Comment
3b	Cenchrus ciliaris Aerva javanica	0478144 7719413	SS. SD F, SS	5 40	MD	Very high % cover of kapok here.
Area 4	Old Laydown / Construction	Area				
4a	Cenchrus ciliaris Aerva javanica	0487272 7719509	SS, SD F	35 15	M/D	
4b	Cenchrus ciliaris Aerva javanica	0478185 7719487	SD F, SS	40 2	M/D	
4c	Cenchrus ciliaris Aerva javanica	0478366 7719512	SS, SD F, SS	50 5	D	Dense Salsola australis here.
Area 5	Perimeters of Construction Area and Laydown					
5a	Cenchrus ciliaris Aerva javanica	0478184 7719542	F, SS, SD F, SS, SD	35 50	VD	Weeds dense in rock barriers around this area. Seeds get lodged in rocks.
5b	Cenchrus ciliaris Aerva javanica	0478168 7719587	F, SS, SD F, SS. SD	40 40	VD	Weeds dense in rock barriers around this area. Seeds get lodged in rocks.
5c	Cenchrus ciliaris Aerva javanica	0478185 7719530	SD NF,F	40 2	M/D	
Area 6	Perimeters of Ponds					
6a	Cenchrus ciliaris Aerva javanica Indigofera sessiliflora	0478060 7719420	F, SS NF, F F, SS, SD	15 5 <1	M	

General Area and Map Ref.(see App D)	Weed Species Cenchrus ciliaris = buffel grass Aerva javanica = kapok	GPS for Individuals or 5x5m area (Easting/Northing) (see Figures for extent)	Life Stage NF, F, SS, SD ¹	% cover of each species for area surveyed	Total Cover category for area surveyed (Ref Ap D)	Comment	
6b	Cenchrus ciliaris Aerva javanica	0477791 7719228	F NF, F	<2 35	M/D	Relatively dense kapok but little buffel	
Area 7	Perimeters of Plant Site		1			,	
7a	Cenchrus ciliaris Aerva javanica	0478282 7719646	SS, SD NF, F	5 5	S		
7b	Cenchrus ciliaris Aerva javanica	0477663 77179425	SS, SD NF	15 <2	М		
7c	Cenchrus ciliaris Aerva javanica	0477660 7719637	SS, SD NF	5 <2	S		
Area 8	South East Lease beyond Fe	nceline	 	1	1		
8a	Cenchrus ciliaris Aerva javanica	0478189 7719025	SD NF, F	85 5	VD	Buffel is similar density to the previous visit and has seeded. <i>Acacia bivenosa</i> here is not healthy.	
8b	Cenchrus ciliaris Aerva javanica	0477822 7719061	SD NF, F	5 <2	S	Buffel and kapok are not abundant in saline soils along edge of inlet.	
8c	Cenchrus ciliaris Aerva javanica	0477924 7719116	SD F,SS, SD	65 40	VD	Scattered native grasses Whiteochloa airoides, Eragrostis eriopoda in dense buffel grassland.	
8d	Cenchrus ciliaris Aerva javanica	0478120 7719245	SD F, SS, SD	15 35	MD	Small rocky knoll in this area with native Triodia angusta, some buffel and relatively dense kapok	

^{1.} Total cover = total cover cover of weeds on the area and the category is described as: 100-80% Very Dense (VD), 60-80 % Dense (D) 30-60% Moderately Dense (MD), 10-30% Moderate (M), 2-10% Sparse (S) and 0-2% Scattered (Sc)

APPENDIX D
Weed Map



APPENDIX E Weed Descriptions – Weeds Occurring on Yara Site and Potential Weeds

WEEDS OCCURRING ON YARA SITE AND POTENTIAL WEEDS.

Species Description

OCCURS ON BOTH TAN AND AMMONIA SITES

Common Name: Kapok Scientific Name: Aerva javanica Family: Amaranthaceae

Description: An upright herbaceous plant or small shrub 30 - 150 cm tall. Stems and leaves are densely covered in whitish woolly hairs. It has simple leaves, alternate along stems; shape varies from long and narrow to almost roundish. The whitish flowers are borne in elongated finger-like clusters at the tips of the branches. Separate male and female flowers are borne on separate plants, males are generally more slender. The flowers are stalkless, and have 3 very woolly white bracts which almost hide the 5 small petals. The tiny capsule like fruit contain a single back or brown shiny seed.

Kapok is in the same family as the mulla mullas which also like disturbed areas.

Origin: Native to northern Africa to south west Asia.

OCCURS ON BOTH TAN AND AMMONIA SITES

Common Name: Buffel Grass **Scientific Name:** *Cenchrus ciliaris*

Family: Poaceae

Description: A tall vigorous perennial tussock grass, can be small and wispy or dense tall tussocky plants. Appears very quickly after summer rains. Stems are branching 30-130 cm long, tough, smooth. Leaf blades are long and slender tapering to a point, green or blue-green, with a rough edge. Where they meet the stmem is a rim of hairs. They grow more from the stems than the base. Flower usually purple tinged. Seedhead is erect, straw, grey or purple coloured.

Origin: Native to tropical Africa

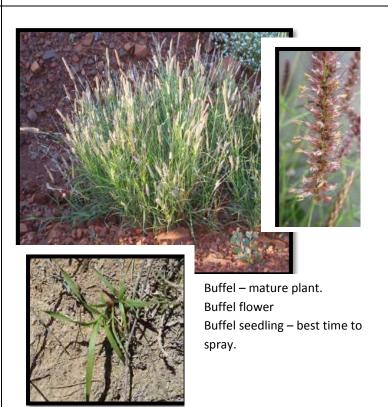
Photo



Kapok seedling – ideally spray at this stage.

Kapok in flower.





Species Description

Photo

OCCURS ON TAN SITE

Common Name: None

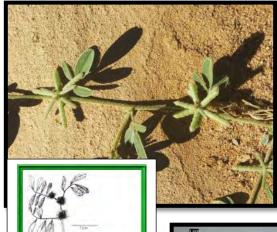
Scientific Name: Indigofera sessiliflora

Family: Fabaceae

Description: A small semi-prostrate (grows along the ground) annual or biennial herb. Leaflets 3-5 are small, grey-green covered in very dense long stiff hairs. The flowers are pale red (flowers September) and are partially enclosed in a very hairy calyx with long pointed tips. The legumes are cylinder shaped and covered in long hairs. They attach directly to the stem in clusters of 5-7.

Origin: Southern Asia

The plant is found on sand, dunes and disturbed situations along the coastline.





Indigofera sessiliflora plant with legumes; line drawing and mature legume with calyx.

OCCURS ON YARA AMMONIA SITE

Common Name: Bull Rush Scientific Name: Typha sp

Family: Typhaceae

Description: Tall robust plant with broad leaves to 2 m. Leaves grow in bunches from below water level. Flowering stems are stiff and grow erect from the centre of the leaf cluster. They bear oblong brown compact masses of tiny furry flowers hundreds of

which disperse when ripe.

The plant is very difficult to control due to prolific seed production and should be sprayed with glyphosate when actively growing before seed is set. Keighery claims both species of typha in WA are native but DPaW (Florabase) suggest control should be undertaken.

Origin: Unknown



Typha growing on the edge of King Bay mangal system.

Flowers produce prolific seed.



Species Description

RECORDED PREVIOUSLY BUT NOT CURRENTLY ON SITE*

Common Name: Mimosa Bush Scientific Name: Vachellia farnesiana

Family: Fabaceae

Description: Mimosa bush is a spreading shrub grows to 4 m tall The leaves are bipinnate (each leaf "branch" that comes off of a stem is divided into smaller "branches" which is each comprised of many leaflets) and have paired spines, up to 2.5 cm long, at their bases. Small, round, yellow flowers are produced in clusters, followed by cigar-shaped seedpods that start out green and turn black in colour.

It is distinguished from its look-a-like, Declared Pest Mesquite by the "warts" on its branches.

Origin: South America

*this was probably a mis-identification. It would probably have been the similar looking *Dichrostachys spicata* (native)

Photo



Mimosa Bush: habit



Mimosa Bush flower, seed pod and leaf.

POTENTIAL TO OCCUR ON SITE

Common Name: Wild gooseberry Scientific Name: Physalis angulala

Family: Solanaceae

Description: A much branched, almost hairless herbaceous shrub. It has a characteristic angled, hollow stem. Its light green leaves are more or less oval shaped with a slightly toothed edge. It has small pale yellow 5-sided flowers and a 3 cm long lantern shaped calyx enclosing the fruit.

Origin: Tropical America now spread throughout tropical and temperate regions of the world.



Flower and fruit of Wild gooseberry.



Species Description

POTENTIAL TO OCCUR ON SITE

Common Name: Tridax

Scientific Name: *Tridax procumbens*

Family: Asteraceae

Description: Low perennial herb with stems that spread horizontally before rising erect. Stems clothed in pale hairs. Has roughly oval shaped lobed leaves with stiff hairs. Small (to 10 mm) solitary flowerheads have cream ray florets (petal like) with a yellow centre (disc florets). The seeds are small 5-6 mm and featherlike, thus spread quickly in local winds.

Contact with this plant can sometimes cause skin irritation.

Origin: Native to central America, now widespread throughout tropics and subtropics.

Photo







Tridax habit, leaf and flower.

POENTIAL TO OCCUR ON SITE

Common Name: Stinking Passion

Flower

Scientific Name: Passiflora foetida

Family: Passifloraceae

Description: A climbing, scrambling rapidly spreading vine with sticky hairs and tendrils from the base of leaves. Leaves have three rounded lobes and vary from 2 to 5 cm long. Flowers are white and purple. Fruits are yellow to orange and contain numerous brownish seeds within a tasty flesh.

This species is rapidly spreading on the Burrup Peninsula and in the Karratha area generally.

Origin: native to southern USA, Mexico, Central America. Now a serious weed threat in the Kimberley.



Passiflora flower, vine and ripe fruit.







2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 6B

September 2017 Weed Survey Report

YARA TECHNICAL AMMONIUM NITRATE (TAN) PLANT- BURRUP PENINSULA - WEED SURVEY

_	TFI		-	

Prepared for Pilbara Nitrates Pty Ltd

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YARA TECHNICAL AMMONIUM NITRATE (TAN) PLANT BURRUP PENINSULA WEED SURVEY

Prepared for:

Yara Pilbara Nitrates Pty Ltd

Job No: VLA-031_17

Reference No: vla031_Rev0_150717

Revision Status

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Α	30/04/2017	Draft Issued for Client Approval	V Long	P French
В	13/07/2017	Draft for Client Information	V Long	C Webster
0	15/09/2017	Final for Client Information	V Long	

vla

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Appendix E: Weed Descriptions – Weeds Occurring on Yara Site and Potential Weeds

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1. Introduction

Yara Pilbara Nitrates Pty Ltd (YPN) has recently constructed a Technical Ammonium Nitrate (TAN) Plant on the Burrup Peninsula and is soon to commence production. Ministerial Statement 870 (MS870), which gave approval for the TAN Plant project to proceed includes the following Conditions which need to be complied with:

Condition 6.1.5: No new species of weeds (including both declared weeds and environmental weeds) shall be introduced into the area as a result of the implementation of the proposal; and **Condition 6.1.6**: The coverage of weeds (including both declared weeds and environmental weeds) within the rehabilitation areas shall not exceed that identified in baseline monitoring undertaken prior to the commencement of operations, or exceed that existent on comparable, nearby land which has not been disturbed during implementation of the proposal.

The TAN Plant has been constructed and is being commissioned by Engineering Procurement and Construction (EPC) contractor Technicas Reunidas(TR). TR has implemented some weed control to comply with their Construction Environmental Management Plan during the construction period (Tecnicas Reunida 2012). However in the 2016 MS870 Compliance Assessment Report, YPN was not able to demonstrate that there had been no new weed species introduced to the plant site during construction. YPN committed to undertaking a weed survey by a qualified botanist to ascertain the presence and relative abundance of weed species at the TAN Plant site.

YPN received correspondence from the Office of Environmental Protection Authority (OPEA) responding to the submitted Compliance Assessment Report and asking YPN for a response on the status of weeds on the site by January 31st 2017. In order to meet this deadline, YPN requested Vicki Long & Associates (VLA) conduct a weed survey of their Burrup TAN plant site and lease area. This was conducted on December 21st 2016, some 6 months following rainfall. The report recommended a second survey be conducted at an appropriate time following adequate rainfall in order to gain a better understanding of weeds on the site. VLA was requested to conduct this work in April 2017 following a total of 369 mm rainfall received in January and February 2017. This report details the results of the April 2017 survey.

2. Scope

The scope of work was to conduct a follow up weed survey of Lot 3017, Village Road, Burrup (the TAN Plant site and lease); to identify and locate (with hand held GPS) any declared and/or environmental weeds present. Weed presence and abundance was to be compared with the project baseline survey data.

3. The Site

The Yara TAN Plant site is located on the eastern side of the Burrup Peninsula (Murujuga) on the Pilbara coastline, some 20 km north of Karratha within the Burrup Strategic Industrial Area. It sits on the northern side of the King Bay tidal inlet and west of Hearson Cove. The Yara TAN site 49 hectares (ha), of which the TAN Plant comprises some 33.11 ha.

The site was, pre-construction, biologically complex, extending from the lower toe of the rocky hill slopes to the north across coastal flats and small sandy "islands" tapering to the tidal inlet to the south. The Level 1 botanical survey conducted for the Public Environmental Review (PER) (Outback Ecology Services 2010) discusses five broad vegetation types over the TAN Plant site, although it does appear from the vegetation map in that report (Figure 2 of Annex 1) (ERM 2010) that 15 vegetation communities actually occurred on the site pre-construction. The remnant vegetation within the lease area that are outside of and to the south of the plant site identified in the baseline survey (Outback Ecology Services 2010) are based on the Trudgen report (2002) mapping and are described as:

AbTeWa (coastal flats): High open to open heath of *Acacia bivenosa, A. coriacea subsp coriacea* over low open shrubland over *Triodia epactia* hummock grassland and mixed closed grasses over herbs, and:

Sm (saline inlet and supratidal flats): Tecticornia spp. Scattered low shrubs to open heath.

VLA (2017) recorded the vegetation currently existing within the lease as:

AbTttCc (coastal flats): *Acacia bivenosa* open (2-10%) to scattered (<2%) tall shrubland over open *Trianthema turgidifolia* low shrubland (2-10%) over *Cenchrus ciliaris* tussock grassland (30-70%) to closed tussock grassland (70-100%) with patchy (<2%) *Triodia epactia*.

CcTsp (fringing saline inlet and coastal flats): *Cenchrus ciliaris* closed tussock grassland (70-100%) with scattered (<2%) low shrubs of *Tecticornia* species and *Trianthema turgidifolia* fringing tidal inlet.

Tspp (saline inlet and supratidal flats): *Tecticornia* species low open shrubland (2-10%) to scattered low shrubs (<2) on tidal inlet

4. Methods

Aerial photos were used to identity survey areas both within and beyond the plant site. All areas were traversed by foot. At each weed location the following attributes were recorded.

Table 1: Attributes recorded at weed locations in 2017 survey

Attribute	Description			
Species name	Current taxonomic species name of all weed species			
Collection Id	Unique identifying code was assigned if a specimen was collected			
Location	Coordinates of the weed point location (GDA94)			
Recorder and date	Personnel involved in sampling at location and survey date			
Cover (within a stated	An estimate of foliar cover as a percent value (1; 5; 10; 20; 30; 40; 50; 60; 70; 80;			
area)	90 and 100) within a determined area, usually defined by infrastructure boundaries, pre-construction boundaries, natural features.			
Life Stage	Non-flowering; Flowering; Set Seed; Seeding			

5. Survey Personnel and Timing

The field survey was conducted by Vicki Long, a botanist/ecologist with over 30 years of experience in the Pilbara. Vicki has been involved in numerous weed surveys on the Burrup Peninsula and coastal Pilbara and is well qualified to detect new incursions and assess current infestations. Vicki was accompanied by Nicole Ivory, Graduate Environmental Officer Yara.

The survey of the Yara TAN lease was conducted on the 5th of April 2017. Above average rainfall had been received in January and February 2017 when 130.4 mm and 238.6 mm (a total of 369.0 mm) of rainfall were received respectively. This meant that grass species were in late flower/early seed stage and that later developing annual and perennial herbaceous species were in early flower so all weed species could be easily identified.

6. Taxonomy and Nomenclature

All species recorded were able to be identified in the field by the surveying botanist.

7. Results

7.1 Vegetation Condition - General

A discussion is given in the previous weed survey report (VLA 2017) with regard to deteriorating vegetation condition due to an increase in buffel grass between the Trudgen mapping in 2000 (Trudgen 2002) and the baseline survey report for the project (Outback Ecology Services 2010). In the 2017 report, VLA recorded a similar abundance of buffel grass present to that reported by Outback Ecology Services (2010). Three vegetation associations were described by VLA (2017) based on Muir (1977) and Aplin's (1979) modification of the vegetation classification system of Specht (1970) (Appendix A Table A.1) and vegetation condition is based on Trudgen (1988) (Appendix A Table A.2).

Since December 2016 there has been a significant die off of *Acacia bivenosa* on the south and eastern sides of the plant site. This is most severe on the southern side where the population mortality was recorded as 98%. Interestingly, no new seedlings have emerged in this population, which is the usual response to age related deaths of shorter lived acacia populations, to replace dead shrubs.

It is noted that currently local groundwater levels are at >10 year highs (as evidenced by bores on YPF site) and it is postulated that the saline groundwater associated with the King Bay Tidal flats have risen above the root level of the Acacia population, causing widespread mortality due to salinity and associated drought. Records over the past 45 years (Karratha Aero Station No 4083) indicate that, despite the somewhat erratic nature of rainfall events in the Pilbara, annual rainfall between 1972 and 1996 was relatively stable. During this period annual totals were generally between 180 – 280 mm, with the occasional exceptions (505 mm in 1973 and only 53 mm in 1983). It appears that between 1997 and 2017, rainfall has become more erratic and much higher total rainfall is being recorded more frequently (eg. 552 mm in 1999, 855 mm in 2006, 489 in 2009, 765 mm in 2011, 594 mm in 2013 and between January and March 2017, 415 mm was received). It is likely that during each of these years of major rainfall, saline groundwater beneath the near coastal areas would be mobilised by the substantial sub-surface flows which occur during and after heavy rainfall events. Additionally surface run-off from the surrounding ranges would dissolve salt in the

soil column deposited on these near coastal dunes due to their proximity to the sea, further causing the salinity of shallow groundwater to rise. Although *Acacia bivenosa* is known to be somewhat saline tolerant, it is probable that repeated saline impacts would eventually stress plants significantly. The regularity of the high rainfall events over the past 10 years would not allow plants to recover fully. This is hypothesis only as the populations have not been monitored over that period.

Vegetation as recorded in the December 2016 survey (VLA 2017) and its current condition in the area are described in Table 2.

Table 2: Vegetation descriptions for remnant vegetation east and south of Yara TAN plant site (within lease)

Code	Vegetation Description ¹	Condition ²
AbTtCc (2016) TtCc (2017)	Acacia bivenosa open (2-10%) to scattered (<2%) tall shrubland over open Trianthema turgidifolia low shrubland (2-10%) over Cenchrus ciliaris tussock grassland (30-70%) to closed tussock grassland (70-100%) with patchy (<2%) Triodia epactia on sandy flats. Open Trianthema turgidifolia low shrubland (2-10%) over Cenchrus ciliaris tussock grassland (30-70%) to closed tussock grassland (70-100%) with patchy (<2%) Triodia epactia on sandy flats.	Very Poor
СсТѕр	Cenchrus ciliaris closed tussock grassland (70-100%) with scattered (<2%) low shrubs of Tecticornia species and Trianthema turgidifolia fringing tidal inlet.	Completely Degraded
Tspp	Tecticornia species low open shrubland (2-10%) to scattered low shrubs (<2) on tidal inlet.	Very Good

¹Vegetation descriptions are based on Muir(1977) and Aplin's (1979) modification of the vegetation classification system of Specht (1970): Aplin T.E.H. (1979). The Flora. Chapter 3 in O'Brien B.J. (ed) 1979 *Environment and Science* University of Western Australia Press.

7.2 Weed Species Recorded

No Declared Pests were found on the site (Appendix B Table B.1 and B.2)

Three weeds were recorded in the 2017 Tan lease survey, one being new to the Yara TAN Plant site.

Two plants of *Indigofera sessiliflora* were recorded on a rock batter along the south-eastern end of the plant site at GPS co-ordinate: 0477966E 7719316N. This weed is not listed by Hussey *et al* (1997) but is listed on FloraBase (DBCA 2017). It has previously been recorded at Port Hedland and Cape Preston. The earliest record of the plant is in 1991 (Keighery 2010). It has been observed growing on disturbed areas around Karratha, particularly near the coast (V Long *per obs*) and the author believes it is more widespread than indicated in FloraBase. It has been previously recorded by the author and others at Port Hedland.

The other weeds recorded were *Cenchrus ciliaris* (buffel grass) and *Aerva javanica* (kapok) and both species have been recorded in previous surveys. The Department of Biodiversity, Conservation and Attractions (DBCA) classify weeds in each region, termed "environmental weeds". These are weeds that may impact on natural, rather than agricultural or horticultural, values and are ranked based on

²Vegetation Condition Scale is based on Trudgen M.E. (1988). A Report on the Flora and Vegetation of the Port Kennedy Area. Unpublished report prepared for Bowman, Bishaw and Associates West Perth.

invasiveness, ecological impact, potential and current distribution and the feasibility for control. Weed rankings are shown in Appendix B Table B.3. The three weed species found on the Yara TAN site are classified as environmental weeds. The priority for management is defined by these risk rating categories (DPAW 2013).

With regard to the weed rankings, it should be remembered that they are formulated for the entire Pilbara region, much of which is under pastoral lease where buffel grass in particular is a highly valued fodder species. Both buffel grass and kapok are now widespread in the Pilbara and control is no longer a feasible option for the wider area. The Burrup Peninsula however, like some offshore islands, is still relatively weed-free apart from in the Industrial Zone. The vegetation types found on the Burrup Peninsula (Murujuga National Park) are not replicated anywhere else on the Pilbara mainland (Trudgen 2002). Put into context, the vegetation of the Burrup is unique and has high conservation value. Given this, the fact that Murujuga National Park is a tourist asset and the globally acknowledged heritage value of the rock art, the "High" ranking for both buffel grass and kapok on the Burrup should be taken seriously.

Table 3: Inventory of weed species recorded within the Yara TAN lease, weed policy classifications and recommended management options. (Australian Weeds Committee 2012; Department of Parks and Wildlife 2013)

Species Name (common name)	Classification ¹
Aerva javanica (kapok)	Environmental weed (High; D,E)
Cenchrus ciliaris (buffel grass)	Environmental weed (High, D)
Indigofera sessiliflora	Environmental weed (TBA)

¹Management actions that may be considered for each ranking are included in Appendix B.

Buffel grass and kapok were both recorded present in the Level 1 baseline survey conducted for the PER in March 2009 (Outback Ecology 2009). *Indigofera sessiliflora* was not recorded in 2009. *Vachellia farnesiana* recorded during that survey was not detected in this 2016 survey.

7.3 Cover and Life Stage

Plant Site

The plant site is comprised of two distinct areas: the operating plant area and the surrounding infrastructure, office and boundary areas.

The operating plant area is heavily gravelled which continues to result in very low weed presence (0-<1%).

The area peripheral to the operating plant area includes stony batters, office sites on surfaces of dirt or cracker dust, mostly dis-used laydown areas and an area of stockpiled soil. These areas had varying weed presence and, as would be expected following abundant summer rainfall, foliar cover and abundances were much higher than recorded in the December survey. Kapok and buffel were equally recorded this visit and densities ranged from 10% to 85% for both species, compared to December when kapok was the most recorded species with cover ranges from <1% to 20% and up to 60% at some weed record points and buffel, which was much less abundant (as would be expected at that time of year) ranged from <2% to 10%.

Buffel was generally recorded as flowering and seeding whilst the majority of kapok was in early flower stage.

Locations, abundances for each species, life stage of weeds recorded are given in Table 1 Appendix C. Because of the varied percent cover of both buffel grass and kapok at each location, a density range was developed which considers the total weed cover at each location where the record was made. Cover ranges are:

Description	% Cover in area assessed
Very Dense	80-100
Dense	60-80
Moderate/Dense	30-60
Moderate	10-30
Sparse	2-10
Scattered	0-2

Total % cover of buffel grass and kapok are mapped within these ranges in Appendix D Figure 1. The map references should be cross referenced with Table 1 in Appendix C which indicates the individual abundances of kapok and buffel separately at each weed location point.

Lease area south and south east of Plant Site

The area outside the plant site fence (but within Yara TAN's lease) to the east and south east was heavily infested with buffel grass. Both areas had an estimated buffel grass cover of 70% to 90% of the total area and kapok varied from 10% to 60%. Locations, abundances and lifestage are included in Table 1 Appendix C and range abundances are mapped in Appendix D Figure 1.

7.4 Comparison with Previous Weed Mapping

The Scope of Works requirement to compare the type and abundance of weeds to the baseline survey (2009) can only be done superficially for reasons described in VLA report (January 2017).

Weed mapping was conducted in July and October 2013 and a map is included in the Compliance Report for Weed Management Attachment 04 *Weed Mapping Report* (Tecnicas Reunidas 2014). The map does show the location of buffel and kapok and "fumigation" efforts in 2013 but does not indicate abundance.

From the previous literature available, it appears that the locations of buffel and kapok within the plant site area have remained the same but there has been further spread into the western side of the plant site and along the access road into the site since 2013. A comparison of species abundance cannot be commented on. The area outside the plant site, on the eastern and southern sides of the lease appears to have remained constant, given that no Vegetation Condition Scale was referred to in that report, since the baseline survey in 2009.

The MS870 Condition 6.1.6 states "The coverage of weeds (including both declared weeds and environmental weeds) within the rehabilitation areas shall not exceed that identified in baseline monitoring .." As Yara have not undertaken any specific revegetation to date, the Scope of Work requirement to compare current abundances with baseline survey goes beyond compliance and shows environmental integrity.

A weed map is presented in Appendix D Figure 1.

A description of weeds found during the survey on both the Yara TAN plant and Yara Ammonia plant, and potential weed species to be alert for are presented in Appendix E.

1. Discussion and Recommendations

One new weed was recorded in the Yara TAN lease area this survey. *Indigofera sessiliflora* has not been recorded on the lease or the wider Burrup previously.

• It is recommended that the two plants recorded be removed immediately and that the surrounding area be thoroughly searched for any others. These can be hand pulled.

The weed rankings for both kapok and buffel grass have recently been elevated to "High" by DBCA, however the management options (DPaW 2013), which have not been correspondingly reviewed, remain for both weeds as "D – Protect Priority Sites" and "E – Targeted control to reduce infestations at priority sites". Given the high conservation value of the vegetation of the Burrup Peninsula, these management options to keep weeds contained and or controlled within the Yara TAN plant site is sound environmental practice. In saying this the eastern and southern area beyond the plant site are now in very poor to degraded condition and it is not likely that buffel grass could be controlled in this area, nor would it be cost and time effective to do so. Based on the results of this survey the following recommendations are made.

- Yara TAN consider a weed program for each species based on risk, time and resources to ensure effectiveness of weed control.
- Within the plant site, both buffel grass but particularly kapok should be controlled. Lower
 priority can be given to gravelled areas, and high priority to the outer boundaries of the
 plant site particularly along the northern and western boundaries.
- Control methods and timing should be undertaken according to a Weed Management Plan which will indicate best times for treatment.
- The eastern and southern area outside the plant site area should be monitored at appropriate times and following sufficient rainfall to check for any new weed incursions only. Control is not considered viable in this area.
- A weed audit to check for new weed incursions and to assess the effectiveness of weed treatment should be done annually as dictated by a Weed Management Plan.

9. References

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- Department of Agriculture and Food Western Australia 2016, *Western Australian Organisms List*, http://www.biosecurity.wa.gov.au/western-australian-organism-list-waol.
- Department of Parks and Wildlife 2013, Weed Prioritisation Process for DPaW (formerly DEC) "An Integrated Approach to Weed Management on DPaW-Managed Lands in WA", Department of Parks and Wildlife, Perth.
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- Keighery, Greg 2010 *The naturalised vascular plants of the Pilbara Region, Western Australia*. Records of the Western Australian Museum, Supplement 78: 299-311 (2010)
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- Trudgen, ME, 1988, A report of the flora and vegetation of the Port Kennedy Area. Unpublished report to Bowman, Bishaw and Associates.

APPENDIX A Vegetation Description Scale and Vegetation Condition Scale

Vegetation Structural Classes¹

Table A.1 Vegetation descriptions based on Muir (1977) and Aplin's (1979) modification of the vegetation classification system of Specht (1970)

Stratum	Canopy Cover (%)								
	70-100%	30-70%	10-30%	2-10%	<2%				
Trees over 30 m	Tall closed forest	Tall open forest	Tall woodland	Tall open woodland	Scattered tall trees				
Trees 10-20 m	Closed forest	Open forest	Woodland	Open woodland	Scattered trees				
Trees under 10 m	Low closed forest	Low open forest	Low woodland	Low open woodland	Scattered low trees				
Shrubs over 2 m	Tall closed scrub	Tall open scrub	Tall shrubland	Tall open shrubland	Scattered tall shrubs				
Shrubs 1-2 m	Closed heath	Open heath	Shrubland	Open shrubland	Scattered shrubs				
Shrubs under 1 m	Low closed heath	Low open heath	Low shrubland	Low open shrubland	Scattered low shrubs				
Hummock grasses	Closed hummock grassland	Hummock grassland	Open hummock grassland	Very open hummock grassland	Scattered hummock grasses				
Grasses, Sedges Herbs	Closed tussock grassland / bunch grassland/ sedgeland / herbland	Tussock grassland / bunch grassland /sedgeland / herbland	Open tussock grassland / bunch grassland /sedgeland / herbland	Very open tussock grassland / bunch grassland /sedgeland / herbland	Scattered tussock grasses / bunch grasses/ sedges/ herbs				

¹Vegetation descriptions are based on Muir(1977) and Aplin's (1979) modification of the vegetation classification system of Specht (1970): Aplin T.E.H. (1979). The Flora. Chapter 3 in O'Brien B.J. (ed) 1979 *Environment and Science* University of Western Australia Press.

Vegetation Condition Scale¹

Table A.2 Vegetation Condition Scale based on Trudgen M.E. (1988)

E = Excellent

Pristine or nearly so; no obvious signs of damage caused by the activities of man.

VG = Very Good

Some relatively slight signs of damage caused by the activities of man. For example, some signs of damage to tree trunks caused by repeated fire, the presence of some relatively non-aggressive weeds, or occasional vehicle tracks.

G = Good

More obvious signs of damage cuased by the activities of man, including some obvious impact on the vegetation structure such as that caused by the low levels of grazing or by selective logging. Weeds as above plus some more aggressive weeds.

P = Poor

Still retains some basic vegetation structure or ability to regenerate to it after very obvious impacts of activities of man, such as grazing, partial clearing (chaining) or frequent fires. Weeds as above plus some more aggressive weeds.

VP = Very Poor

Severely impacted by grazing, very frequent fires, clearing or a combination of these activities. Scope for some regeneration but not to a state approaching good condition without intensive management. Usually with a number of weed species including very aggressive species.

D = Completely Degraded Areas that are completely or almost completely without any native species in the structure of their vegetation: ie areas that are cleared or "parkland cleared" with their flora comprising weed or crop species with isolated native trees or shrubs.

¹Vegetation Condition Scale is based on Trudgen M.E. (1988). A Report on the Flora and Vegetation of the Port Kennedy Area. Unpublished report prepared for Bowman, Bishaw and Associates West Perth.

APPENDIX B Weed Classifications

Weed Classifications

Weeds of National Significance (WONs)

Thirty-two WoNS have been agreed by the Australian State and Territory governments, based on the weed species' invasiveness, potential for spread and environmental, social and economic impacts (Australian Government, 2011). In Western Australia, many WoNS are also declared pests under the BAM Act.

Declared Pests

The Department of Agriculture and Food Western Australia (DAFWA) regulates weeds under the Biosecurity and Agriculture Management Act 2007 (BAM Act), which supersedes the Agriculture and Related Resources Protection Act 1976. Weeds are grouped into four main classifications (Table 1).

Table B.1: Categorisation of plants under the BAM Act

Category	Description
Permitted organisms under section 11	Organisms that are allowed entry into Western Australia
Prohibited organisms under section 12	Organisms that are prohibited from entry into Western Australia
Unlisted organisms under section 14	If an organism cannot be categorised as either permitted or prohibited the organism will be unlisted
Declared pest under section 22	Pests that may be in the State but are under official containment, control or eradication

Plants that are prevented entry into the State or have control or keeping requirements within the State are declared pests. Declared pests can be assigned to a C1, C2 or C3 category under the BAM Act Regulations 2013. Prohibited organisms can be assigned to a C1 or C2 control category (Table 2).

Table B.2: Categories of declared pests under the BAM Act regulations.

Category	Description
C1 Exclusion	Plants which should be excluded from part or all of Western Australia.
C2 Eradication	Plants which should be eradicated from part or all of Western Australia.
C3 Management	Plants that should have some form of management applied that will alleviate the harmful impact of the plant, reduce the numbers or distribution of the plant or prevent or contain the spread of the plant.

Landholders, managers and occupiers of land are responsible for the management declared pests on their land. The Western Australian Organisms List contains information on the area(s) in which a pest is declared and the control and keeping categories to which it has be assigned in Western Australia.

Environmental Weeds

The Weed Prioritisation Process for the Department of Biodiversity, Conservation and Attractions (DBXA) prioritise weeds in each DBCA region. The process ranks weeds based on their invasiveness, ecological impact, potential and current distribution and the feasibility for control. Within each region, each weed species has been ranked by risk. Table B.3 (DBCA 2016).

Table B.3: Weed species rankings (DBCA) 2016.

Weed Species Ranking	Objective	
VH – Very High	Eradication	
H - High	Eradication or control to reduce	
M – Medium	Control to reduce or containment	
L – Low	Containment at key sites only	
N - Negligible	No action to be undertaken but may include monitoring only	

The weed ranking includes examples of management actions that may be appropriate. Management actions that can be applied are presented in (Table B.4) (Parks and Wildlife 2013).

Table B.4: Examples of management actions that may be considered for each ranking (Parks and Wildlife, 2013).

Management Code	Explanation
А	No action (the weed species ranking is so low as to not warrant any investment in regional strategic management actions)
В	Monitor only (aims to detect any significant changes in the species' weed risk or management ability)
С	Improve general weed management (aims to minimise weed impact and maintain the overall biodiversity, social, cultural and economic values on the region through improved general weed management
D	Protect priority sites (aims to prevent spread of weed species to key sites/assets of high biodiversity, social, cultural or economic value)
E	Targeted control to reduce infestations at priority sites (may include biocontrol) (aims to significantly reduce the impact of a weed species on key sites/assets of high biodiversity, social, cultural or economic value through targeted management)
F	Contain regional spread (aims to prevent the ongoing spread of the weed species in the region)
G	Reduce regional infestations (may include biocontrol) (aims to significantly reduce the extent of the weed species in the region)
Н	Regional eradication (aims to remove the weeds species from the region)
1	State-wide eradication (aims to remove the weed species from the State)

APPENDIX C Weed Locations, Abundances, Life Stage And Map Reference

APPENDIX C Table C.1: YARA TAN PLANT WEED SURVEY – FIELD DATA AND MAP REFERENCE

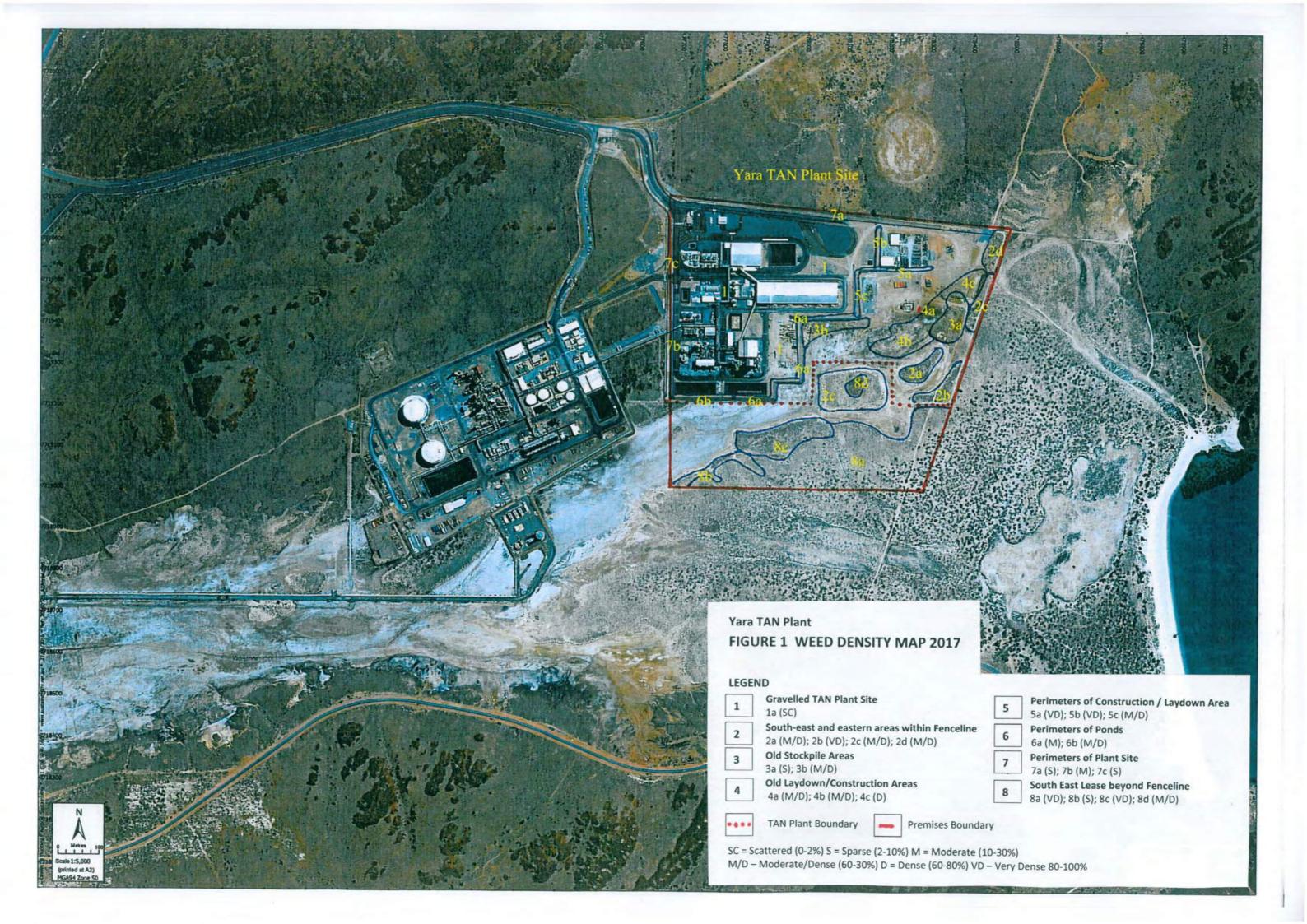
General Area and Map Ref.(see App D)	Weed Species Cenchrus ciliaris = buffel grass Aerva javanica = kapok	GPS for Individuals or 5x5m area (Easting/Northing) (see Figures for extent)	Life Stage NF, F, SS, SD ¹	% cover of each species for area surveyed	Total Cover category for area surveyed (Ref Ap D)	Comment
Area 1	Gravelled Plant Site					,
1a	Cenchrus ciliaris Aerva javanica		SS, SD	<1 <1	SC	Very isolated small individuals only
Area 2	South-east and eastern area	as of site within Fenceline				
2a	Cenchrus ciliaris Aerva javanica	0478248 7719279	SD	45 <2	M/D	Remains good representation of native <i>Triodia</i> epactia hummock grass.
2b	Cenchrus ciliaris Aerva javanica	0478265 7719225	SD F, SS, SD	50 20	VD	Very buffel infested. Scattered <i>T. epactia</i> only.
2c	Cenchrus ciliaris Aerva javanica	0478413 7719412	SS, SD F, SS, SD	45 5	M/D	Very buffel infested. Scattered <i>T. epactia</i> only.
2d	Cenchrus ciliaris Aerva javanica	0478458 7719597	SS, SD F, SS,SD	35 15	M/D	Remains good representation of native <i>Triodia</i> epactia hummock grass
Area 3	Old Stockpile Area	·				
3a	Cenchrus ciliaris Aerva javanica	0478377 7719450	SS, SD F, SS	5 5	S	There is a good diversity of native species that have emerged in this area, (Rhymin, Trizey, Acabiv, Accpyr, Clevis, Dacrad, Abulep. Tecind, Adrtom, Swafor, Lawvir, Sescan, Corwal, Euptan). Low % cover of weeds.

General Area and Map Ref.(see App D)	Weed Species Cenchrus ciliaris = buffel grass Aerva javanica = kapok	GPS for Individuals or 5x5m area (Easting/Northing) (see Figures for extent)	Life Stage NF, F, SS, SD ¹	% cover of each species for area surveyed	Total Cover category for area surveyed (Ref Ap D)	Comment
3b	Cenchrus ciliaris Aerva javanica	0478144 7719413	SS. SD F, SS	5 40	MD	Very high % cover of kapok here.
Area 4	Old Laydown / Construction	Area				
4a	Cenchrus ciliaris Aerva javanica	0487272 7719509	SS, SD F	35 15	M/D	
4b	Cenchrus ciliaris Aerva javanica	0478185 7719487	SD F, SS	40 2	M/D	
4c	Cenchrus ciliaris Aerva javanica	0478366 7719512	SS, SD F, SS	50 5	D	Dense Salsola australis here.
Area 5	Perimeters of Construction A	rea and Laydown	1	1	1	
5a	Cenchrus ciliaris Aerva javanica	0478184 7719542	F, SS, SD F, SS, SD	35 50	VD	Weeds dense in rock barriers around this area. Seeds get lodged in rocks.
5b	Cenchrus ciliaris Aerva javanica	0478168 7719587	F, SS, SD F, SS. SD	40 40	VD	Weeds dense in rock barriers around this area. Seeds get lodged in rocks.
5c	Cenchrus ciliaris Aerva javanica	0478185 7719530	SD NF,F	40 2	M/D	
Area 6	Perimeters of Ponds		•			
6a	Cenchrus ciliaris Aerva javanica Indigofera sessiliflora	0478060 7719420	F, SS NF, F F, SS, SD	15 5 <1	M	

General Area and Map Ref.(see App D)	Weed Species Cenchrus ciliaris = buffel grass Aerva javanica = kapok	GPS for Individuals or 5x5m area (Easting/Northing) (see Figures for extent)	Life Stage NF, F, SS, SD ¹	% cover of each species for area surveyed	Total Cover category for area surveyed (Ref Ap D)	Comment
6b	Cenchrus ciliaris Aerva javanica	0477791 7719228	F NF, F	<2 35	M/D	Relatively dense kapok but little buffel
Area 7	Perimeters of Plant Site		1			,
7a	Cenchrus ciliaris Aerva javanica	0478282 7719646	SS, SD NF, F	5 5	S	
7b	Cenchrus ciliaris Aerva javanica	0477663 77179425	SS, SD NF	15 <2	М	
7c	Cenchrus ciliaris Aerva javanica	0477660 7719637	SS, SD NF	5 <2	S	
Area 8	South East Lease beyond Fe	nceline	 	1	1	
8a	Cenchrus ciliaris Aerva javanica	0478189 7719025	SD NF, F	85 5	VD	Buffel is similar density to the previous visit and has seeded. <i>Acacia bivenosa</i> here is not healthy.
8b	Cenchrus ciliaris Aerva javanica	0477822 7719061	SD NF, F	5 <2	S	Buffel and kapok are not abundant in saline soils along edge of inlet.
8c	Cenchrus ciliaris Aerva javanica	0477924 7719116	SD F,SS, SD	65 40	VD	Scattered native grasses Whiteochloa airoides, Eragrostis eriopoda in dense buffel grassland.
8d	Cenchrus ciliaris Aerva javanica	0478120 7719245	SD F, SS, SD	15 35	MD	Small rocky knoll in this area with native Triodia angusta, some buffel and relatively dense kapok

^{1.} Total cover = total cover cover of weeds on the area and the category is described as: 100-80% Very Dense (VD), 60-80 % Dense (D) 30-60% Moderately Dense (MD), 10-30% Moderate (M), 2-10% Sparse (S) and 0-2% Scattered (Sc)

APPENDIX D
Weed Map



APPENDIX E Weed Descriptions – Weeds Occurring on Yara Site and Potential Weeds

WEEDS OCCURRING ON YARA SITE AND POTENTIAL WEEDS.

Species Description

OCCURS ON BOTH TAN AND AMMONIA SITES

Common Name: Kapok Scientific Name: Aerva javanica Family: Amaranthaceae

Description: An upright herbaceous plant or small shrub 30 - 150 cm tall. Stems and leaves are densely covered in whitish woolly hairs. It has simple leaves, alternate along stems; shape varies from long and narrow to almost roundish. The whitish flowers are borne in elongated finger-like clusters at the tips of the branches. Separate male and female flowers are borne on separate plants, males are generally more slender. The flowers are stalkless, and have 3 very woolly white bracts which almost hide the 5 small petals. The tiny capsule like fruit contain a single back or brown shiny seed.

Kapok is in the same family as the mulla mullas which also like disturbed areas.

Origin: Native to northern Africa to south west Asia.

OCCURS ON BOTH TAN AND AMMONIA SITES

Common Name: Buffel Grass **Scientific Name:** *Cenchrus ciliaris*

Family: Poaceae

Description: A tall vigorous perennial tussock grass, can be small and wispy or dense tall tussocky plants. Appears very quickly after summer rains. Stems are branching 30-130 cm long, tough, smooth. Leaf blades are long and slender tapering to a point, green or blue-green, with a rough edge. Where they meet the stmem is a rim of hairs. They grow more from the stems than the base. Flower usually purple tinged. Seedhead is erect, straw, grey or purple coloured.

Origin: Native to tropical Africa

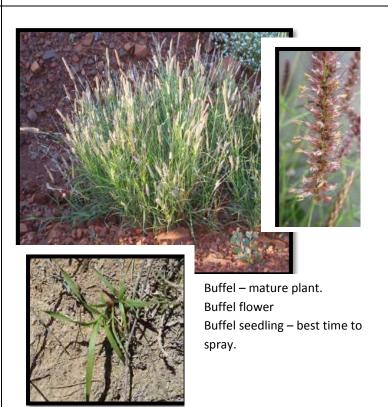
Photo



Kapok seedling – ideally spray at this stage.

Kapok in flower.





Species Description

Photo

OCCURS ON TAN SITE

Common Name: None

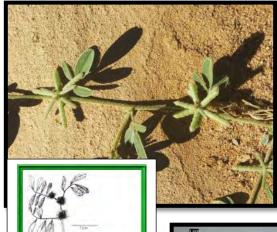
Scientific Name: Indigofera sessiliflora

Family: Fabaceae

Description: A small semi-prostrate (grows along the ground) annual or biennial herb. Leaflets 3-5 are small, grey-green covered in very dense long stiff hairs. The flowers are pale red (flowers September) and are partially enclosed in a very hairy calyx with long pointed tips. The legumes are cylinder shaped and covered in long hairs. They attach directly to the stem in clusters of 5-7.

Origin: Southern Asia

The plant is found on sand, dunes and disturbed situations along the coastline.





Indigofera sessiliflora plant with legumes; line drawing and mature legume with calyx.

OCCURS ON YARA AMMONIA SITE

Common Name: Bull Rush Scientific Name: Typha sp

Family: Typhaceae

Description: Tall robust plant with broad leaves to 2 m. Leaves grow in bunches from below water level. Flowering stems are stiff and grow erect from the centre of the leaf cluster. They bear oblong brown compact masses of tiny furry flowers hundreds of

which disperse when ripe.

The plant is very difficult to control due to prolific seed production and should be sprayed with glyphosate when actively growing before seed is set. Keighery claims both species of typha in WA are native but DPaW (Florabase) suggest control should be undertaken.

Origin: Unknown



Typha growing on the edge of King Bay mangal system.

Flowers produce prolific seed.



Species Description

RECORDED PREVIOUSLY BUT NOT CURRENTLY ON SITE*

Common Name: Mimosa Bush Scientific Name: Vachellia farnesiana

Family: Fabaceae

Description: Mimosa bush is a spreading shrub grows to 4 m tall The leaves are bipinnate (each leaf "branch" that comes off of a stem is divided into smaller "branches" which is each comprised of many leaflets) and have paired spines, up to 2.5 cm long, at their bases. Small, round, yellow flowers are produced in clusters, followed by cigar-shaped seedpods that start out green and turn black in colour.

It is distinguished from its look-a-like, Declared Pest Mesquite by the "warts" on its branches.

Origin: South America

*this was probably a mis-identification. It would probably have been the similar looking *Dichrostachys spicata* (native)

Photo



Mimosa Bush: habit



Mimosa Bush flower, seed pod and leaf.

POTENTIAL TO OCCUR ON SITE

Common Name: Wild gooseberry Scientific Name: Physalis angulala

Family: Solanaceae

Description: A much branched, almost hairless herbaceous shrub. It has a characteristic angled, hollow stem. Its light green leaves are more or less oval shaped with a slightly toothed edge. It has small pale yellow 5-sided flowers and a 3 cm long lantern shaped calyx enclosing the fruit.

Origin: Tropical America now spread throughout tropical and temperate regions of the world.



Flower and fruit of Wild gooseberry.



Species Description

POTENTIAL TO OCCUR ON SITE

Common Name: Tridax

Scientific Name: *Tridax procumbens*

Family: Asteraceae

Description: Low perennial herb with stems that spread horizontally before rising erect. Stems clothed in pale hairs. Has roughly oval shaped lobed leaves with stiff hairs. Small (to 10 mm) solitary flowerheads have cream ray florets (petal like) with a yellow centre (disc florets). The seeds are small 5-6 mm and featherlike, thus spread quickly in local winds.

Contact with this plant can sometimes cause skin irritation.

Origin: Native to central America, now widespread throughout tropics and subtropics.

Photo







Tridax habit, leaf and flower.

POENTIAL TO OCCUR ON SITE

Common Name: Stinking Passion

Flower

Scientific Name: Passiflora foetida

Family: Passifloraceae

Description: A climbing, scrambling rapidly spreading vine with sticky hairs and tendrils from the base of leaves. Leaves have three rounded lobes and vary from 2 to 5 cm long. Flowers are white and purple. Fruits are yellow to orange and contain numerous brownish seeds within a tasty flesh.

This species is rapidly spreading on the Burrup Peninsula and in the Karratha area generally.

Origin: native to southern USA, Mexico, Central America. Now a serious weed threat in the Kimberley.



Passiflora flower, vine and ripe fruit.







2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 7A

Email from DPAW, dated 25 June 2015, providing support for bird deterrent systems assessment and selected technology.

Peter French

Subject: FW: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA

PILBARA NITRATE Project

Attachments: 20150618085325416.pdf

From: Corbellini, Michelle [mailto:Michelle.Corbellini@DPaW.wa.gov.au]

Sent: Thursday, June 25, 2015 1:48 PM

To: Rajan Sinha **Cc:** Wessels, Nigel

Subject: RE: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE

Project

Hi Rajan

Yara fertiliser Pilbara's proposed methodology appears to align directly with the Department of Parks and Wildlife's (Parks and Wildlife) Pilbara Region advice dated 23 April 2015. Parks and Wildlife has no further comments on the proposed bird deterrent methods.

Kind regards

Michelle Corbellini Environmental Project Coordinator Pilbara Region

Department of Parks and Wildlife

Locked Bag 104, Bentley Delivery Centre, WA, 6983 Ph: (08) 9334 0260

Michelle.Corbellini@DPaW.wa.gov.au





From: Rajan Sinha [mailto:rajan.sinha@yara.com]

Sent: Thursday, 18 June 2015 9:47 AM

To: Corbellini, Michelle **Cc:** Wessels, Nigel

Subject: RE: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE

Project

Hi Michelle,

Please find the attached document with regards to the information requested under your mail below as per your advice and it is related with overhead wires. Enclosed please see updated Bird Deterrent System Assessment report.

Please feel free to contact me for any further information. Your approval on the above is highly appreciated.

Regards,

Rajan Sinha

Technical Services and Business Development Manager Operations Upstream Production

Mobile: +61 410 840 369 Office: +61891834139 Email: rajan.sinha@yara.com



Yara Pilbara Fertilisers Pty Ltd Lot 564. Village Road Burrup WA 6714 Karratha, Australia www.yara.com







From: Corbellini, Michelle [mailto:Michelle.Corbellini@DPaW.wa.gov.au]

Sent: Thursday, April 23, 2015 2:24 PM

To: Rajan Sinha **Cc:** Wessels, Nigel

Subject: RE: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE

Project

Hi Rajan

Thank you for providing the Department of Parks and Wildlife (Parks and Wildlife) Pilbara Region with further information regarding Yara Fertilisers proposed bird deterrents at the Technical Ammonium Nitrate Production Facility, on the Burrup Peninsula, approved under Ministerial Statement 870. Ministerial Statement 870 includes the following requirement in relation to deterring birds from entering the contaminated water pond, clean water pond and sewage wastewater treatment station evaporation pond.

7-1 The proponent shall employ such structures and apparatus as are necessary and agreed by the DEC to deter birds from entering the contaminated water pond, clean water pond, and sewage wastewater treatment station evaporation pond.

Parks and Wildlife considers that the proposed deterrent techniques appear to be appropriate, provided that Yara Fertilisers commit to a monitoring program being developed and undertaken, to measure the effectiveness of the deterrent devices on the presence and abundance of bird species over time. If monitoring systems detect no effect of the devices, or a reduction in effectiveness is noted over time then other methods should be considered and implemented.

The preparation and implementation of a monitoring program is highly recommended as the effectiveness of ultrasonic and audio devices is variable, and highly dependent on how they are deployed, and dependent on target species present within the area. The range of sounds able to be detected between species varies markedly and the successfulness of an audio or ultrasonic devices in deterring birds can vary based on the activity that the bird is undertaking. There are concerns about relying solely on audio repellents for birds because they have not been demonstrated to be an effective long term solution. Some species become habituated to the devices over time. An effective deterrent system requires a variety of methods to be successful, whether in combination or in rotation, as well as frequently changing the type, timing and location of the equipment. Other deterrent methods which may be used in combination include, modifying the surface banks to make them less desirable to shorebirds (e.g. covering the banks with rocks to prevent nesting and foraging in the mud), or the installation of non-electrified string lines parallel across

the ponds to prevent birds from landing or entering the water. Trials at BHP's Olympic dam have been successful in using string lines spaced at 5m intervals to deter birds (reducing presence by 99.2%). These additional methods should be considered if monitoring detects that the devices are not effective, or are decreasing in effectiveness over time.

If you have any further queries please do not hesitate to contact me.

Kind regards

Michelle Corbellini

Environmental Project Coordinator

Department of Parks and Wildlife - Pilbara Region

17 Dick Perry Ave, Kensington Locked Bag 104, Bentley Delivery Centre, WA, 6983 Ph: (08) 9334 0260 Michelle.Corbellini@DPaW.wa.gov.au







From: Rajan Sinha [mailto:rajan.sinha@yara.com]

Sent: Monday, 30 March 2015 8:23 PM

To: Corbellini, Michelle **Cc:** Wessels, Nigel

Subject: RE: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE

Project

Hi Michelle,

Please find the attached document with regards to the information requested under your mail below ref.: "Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE Project", dated on 19/December/2014. We were trying to source out the information from the vendor, and we received the detailed information just recently.

Please feel free to contact me for any further information. Your approval on the above is highly appreciated.

Regards,

Rajan Sinha

Technical Services and Business Development Manager

Operations Upstream Production

Mobile: +61 410 840 369 Office: +61891834139 Email: rajan.sinha@yara.com









From: Corbellini, Michelle [mailto:Michelle.Corbellini@DPaW.wa.gov.au]

Sent: Friday, December 19, 2014 8:20 AM

To: Rajan Sinha Cc: Wessels, Nigel

Subject: RE: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE

Project

Hi Rajan

Thanks for your email and phone call to discuss yesterday.

I've had one of Parks and Wildlife's fauna experts review the deterrent methods proposed by Yara Pilbara Nitrate. They have requested that a bit more information is provided on how this method is implemented and what other options have been considered by Yara Pilbara Nitrate. If you could please provide the following information this would assist with a timely review of your request:

- State the model of the devices (i.e. brand, model number/series)
- Indicate the number of devices to be installed in total, and the number per pond, indicate the location of the installation on the map
- Indicate how the devices will be applied frequency of use
- Provide information on other deterrent methods/devices which Yara has considered. How were other options assessed to be appropriate or inappropriate in this circumstance? Examples of other methods include noise cannons, physical barriers etc. Were other methods considered to be applied in combination (i.e. more than one method)?
- State the common bird species at this site, which may use these ponds. This is required as it appears that certain species are more sensitive than others to these particular deterrent devices. The use of the device should be justified based on the bird species found in this area.

Please note that our fauna expert and I will be taking leave over the Christmas / New Year period, and therefore based on the supply of the above information we should be able to provide you with a response during January.

If you do have any questions please do not hesitate to give me a call on the number below.

Kind regards,

Michelle Corbellini

Environmental Project Coordinator

Department of Parks and Wildlife - Pilbara Region

17 Dick Perry Ave, Kensington Locked Bag 104, Bentley Delivery Centre, WA, 6983

Ph: (08) 9334 0260

Michelle.Corbellini@DPaW.wa.gov.au







From: Rajan Sinha [mailto:rajan.sinha@yara.com]
Sent: Wednesday, 17 December 2014 11:29 AM

To: Corbellini, Michelle

Cc: Esszig, Fiona; David Hegerty; Jason Roberts; Guillaume Holweck

Subject: Request to get approval of bird deterrents as per condition 7.1 of MS 870 of YARA PILBARA NITRATE Project

Hi Michelle,

Please note that YARA PILBARA NITRATE (YPNPL) is currently constructing a Technical Ammonium Nitrate Plant in Burrup Peninsula. You may get more information about this project in the website www.ypnpl.com.au. Please find the attached letter to get the approval of bird deterrents as per advice from Department of Environment Regulation.

Please feel free to contact me for any further information.

Regards,

Rajan Sinha
Deputy General Manager (TAN Project)
Yara Pilbara
Mobile: +61 410840369
Office: +61 (8) 91834139
rajan.sinha@yara.com

www.yara.com



Lot 564, Village Road, Burrup Peninsula WA 6714 (Locked Bag 5009, Karratha WA 6714) ABN: 33127391422

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2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 7B

Bird Deterrent Systems Assessment Report.



Bird Deterrent Systems Assessment Report



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1. INTRODUCTION AND PURPOSE

Yara Pilbara Nitrates Pty Ltd (YPNPL) is developing a Technical Ammonium Nitrate Production Facility (TANPF) with a production capacity of (circa) 350,000 TPA or 915 MTPD of Technical Ammonium Nitrate (TAN).

The TANPF development site is located approximately 13 km northwest of Karratha and 1300 km north of Perth, on the Burrup Peninsula, Western Australia, within the Shire of Roeburne. The site for the TANPF is a 49 Ha area located adjacent to the existing Yara Pilbara Fertilisers Pty Ltd (YPFPL) Ammonia plant. The purpose of this document is to describe the process followed to identify, assess and install the bird control measure at TANPF in order to comply with Condition 870:M7.1 of the Environmental Ministerial Statement (MS) 870:

- "The proponent shall employ such structures and apparatus as are necessary and agreed by the DEC to deter birds from entering the contaminated water pond, clean water pond, and sewage wastewater treatment station evaporation pond".
- "Seek advice from DEC is required".

2. FAUNA BIRDS IDENTIFICATION AT TANPF

2.1 General

The Burrup Peninsula has a rich bird fauna, attributed to its complex topography and consequent diversity of habitats, i.e. Rock Piles, Grasslands, Intertidal, Supratidal, and Mangroves including inter-tidal and marine areas.

One hundred and sixty-eight (186) species are known from either the Burrup or from areas close by (DEC, 2006). Although the peninsula possesses no large permanent fresh-water wetlands, the salt ponds of the Dampier Solar Salt operation and the sheltered waters of the mangroves, creeks and small embankments all provide good localities for episodic visits by many waterbirds (DEC, 2006).

From the 186 species, some of them are considered as Conservation Significant fauna species listed under both the EPBC Act and the WC Act.

2.2 Conservation Significant Bird species

Migratory bird habitats within the Site are considered to occur in association with the saline supra-tidal flat that occurs through the centre of the Site. As this area is likely to be inundated after extreme tides, storm surges or after extended heavy rainfall, it is likely that this area would provide occasional foraging habitat in the period following these events. These species represents protected matters under the EPBC Act. Refer to Table 2-1. In addition to these species a number of migratory species listed under the JAMBA, CAMBA and ROKAMBA conventions have previously been recorded within the Burrup Peninsula or are known for the area (DEC 2006). These species also represents protected matters under the EPBC Act. Refer to Table 2-2.

Conservation Significant fauna species listed under both the WC Act which have a high or medium likelihood of occurrence within the Site are included in Table 2-3.

Table 2-1 EPBC Listed Migratory species - Conservation Significant Bird species which have the potential to occur within the Site

Species Name	Common Name	Habitat Requirements	Habitat Potential of the Site?
Black-winged Stilt	Himantopus himantopus	Migratory bird species are known to rely on	Supratidal flat is likely to provide an occasional foraging resource
Common Greenshank	Tringa nebularia	coastal wetland habitats along western Australia	for migratory bird species



Red-capped Plover	Charadrius ruficapillus	as part of their habitat requirements. The	
Rainbow Bee-eater	Merops ornatus	Supratidal flat located within the site is considered to provide a	
Little eagle	Hieraaetus morphnoides	potential foraging resource	
Common Sandpiper	Actitis Hypoleucos		

Table 2-2 EPBC Listed Migratory species - Conservation Significant Bird species which may potentially frequent the Site

Matters of National Environmer Species	ital Significa JAMBA	ince – Migra CAMBA	itory Species ROKAMBA	Potential to Occur on Site
Apus pacificus Fork-tailed Swift	•	✓	*	Site represents potential habitat,
Ardea alba Great Egret, White Egret	1	1		Supratidal flat is likely to provide an occasional foraging resource
Ardea ibis Cattle Egret	*			Supratidal flat is likely to provide an occasional foraging resource
Ardea sacra Eastern reef heron		✓		Supratidal flat is likely to provide an occasional foraging resource
Arenaria interpres interpres Ruddy turnstone	1	✓	1	Supratidal flat is likely to provide an occasional foraging resource
Calidris acuminata Sharp-tailed sandpiper	✓	*	*	Supratidal flat is likely to provide an occasional foraging resource
Calidris alba Sanderling	1	1	~	Supratidal flat is likely to provide an occasional foraging resource
Calidris canutus rogersi Red knot	✓	*	*	Supratidal flat is likely to provide an occasional foraging resource
Calidris ferruginea Curlew sandpiper	1	1	1	Supratidal flat is likely to provide an occasional foraging resource
Calidris ruficollis Red-necked stint	*	v	✓	Supratidal flat is likely to provide an occasional foraging resource
Calidris subminuta Long-toed stint	*	1	1	Supratidal flat is likely to provide an occasional foraging resource
Calidris tenuirostris Great knot	✓	*	*	Supratidal flat is likely to provide an occasional foraging resource
Charadrius I. leschenaultii Great sand plover	4	✓	*	Supratidal flat is likely to provide an occasional foraging resource
Charadrius mongolus Lesser sand plover	1	1	√	Supratidal flat is likely to provide an occasional foraging resource
Charadrius veredus Oriental Plover, Oriental Dotterel			1	Supratidal flat is likely to provide an occasional foraging resource
Cuculus saturatus optatus Oriental cuckoo	1	4		Site represents potential habitat.
Fregata ariel Lesser frigatebird	√	✓	1	Site represents potential habitat.
Gallinago stenura Pin-tailed snipe	✓	✓	✓	Supratidal flat is likely to provide an occasional foraging resource



Matters of National Environme	The second secon	Q1-713	the state of the state of the state of the state of the	Potential to Occur on Site
Species	JAMBA	CAMBA	ROKAMBA	
Glareola maldivarum Oriental Pratincole	1	✓		Site represents potential habitat.
Haliaeetus leucogaster White-bellied sea-eagle		1		Site represents potential habitat.
Hirundo rustica Barn Swallow		1	/	Site represents potential habitat.
Limicola falcinellus Broad-billed sandpiper	✓	1	v	Supratidal flat is likely to provide an occasional foraging resource
Limosa lapponica menzbieri Bar-tailed godwit	√	1	1	Supratidal flat is likely to provide an occasional foraging resource
Macronectes giganteus Southern Giant Petrel				Supratidal flat is likely to provide an occasional foraging resource
Merops ornatus Rainbow Bee-eater				Recorded on site.
Numenius madagascariensis Eastern curlew	1	✓	1	Supratidal flat is likely to provide an occasional foraging resource
Numenius minutus Little curlew	/		√	Supratidal flat is likely to provide an occasional foraging resource
Numenius minutus Little Curlew, Little Whimbrel	1	4	✓	Supratidal flat is likely to provide an occasional foraging resource
Numenius phaeopus variegatus Whimbrel	√	4	4	Supratidal flat is likely to provide an occasional foraging resource
Oceanites oceanicus Wilson's storm petrel	✓			Supratidal flat is likely to provide an occasional foraging resource
Phalaropus lobatus Red-necked phalarope	1	1	4	Site represents potential habitat.
Pluvialis squatarola Grey plover	1	√	4	Supratidal flat is likely to provide an occasional foraging resource
Puffinus pacificus Wedge-tailed shearwater	✓			Supratidal flat is likely to provide an occasional foraging resource
Sterna anaethetus Bridled tern	V	✓		Supratidal flat is likely to provide an occasional foraging resource
Stema bengalensis Lesser crested		√		Supratidal flat is likely to provide an occasional foraging resource
Sterna bergii Crested tern	√		-	Supratidal flat is likely to provide an occasional foraging resource
Stema caspia Caspian tem		~		Supratidal flat is likely to provide an occasional foraging resource
Stema hirundo Common tem	✓	~	√	Supratidal flat is likely to provide an occasional foraging resource
Stema leucoptera White-winged black tern	V	4	~	Supratidal flat is likely to provide an occasional foraging resource
Sula leucogaster plotus Brown booby	✓	V	*	Supratidal flat is likely to provide an occasional foraging resource
Tringa brevipes Grey-tailed tattler	✓	*	V	Supratidal flat is likely to provide an occasional foraging resource
Tringa cinerea Terek sandpiper	✓	V	*	Supratidal flat is likely to provide an occasional foraging resource
Tringa hypoleucos Common sandpiper	1	√	✓	Recorded on site.



Matters of National Environmen			tory Species ROKAMBA	Potential to Occur on Site
Tringa nebularia Common greenshank	✓	√		Recorded on site
Tringa stagnatilis Marsh sandpiper	1	/		Supratidal flat is likely to provide an occasional foraging resource

Table 2-3 WC Act Listed Species - Conservation Significant Bird species which have the potential to occur within the Site

Species Name	Gommon Name	Conservation WC Act	Habitat Requirements	Habitat Potential of the Site?
Falco peregrinus	Peregrine Falcon	S4	Nests on cliffs, crevice or large tree hollow. Occurs in a variety of environments including wetlands, plains and timbered watercourses (Pizzey & Knight 1997).	Site represents potential foraging habitat.
Ardeotis australis	Australian Bustard	P4	Grasslands, open shrublands and open scrublands. Species is relatively common away from settled areas (Pizzey & Knight 1997).	Species not previously recorded within the site or adjacent BNPL site.
Burhinus gralfarius	Bush Stonecurlew	P4	Open woodland, coastal scrub and mangrove fringes (Pizzey & Knight 1997).	Species not previously recorded within the site or adjacent BNPL site.
Numenius Madagascariensis	Eastern Curlew	P 4	Tidal mudflats, saltmarses and grasslands near water (Pizzey & Knight 1997).	Site represents potential habitat.
Phaps histrionica	Flock Bronzewing	P4	Flooded claypans, watercourses and treeless grassy plains, nest on the ground by low bush or tussock.	Site represents potential habitat.

WC Act Conservation Status:

S1 = Fauna that is rare or likely to become extinct. S4 = Fauna that is in need of special protection.

P1 = Taxa with few, poorly known populations on threatened lands. P4 = Taxa in need of monitoring.



2.3 Bird Survey on TANPF Site

ERM conducted a fauna survey (PER, Annex J) of Site D within the King Bay Hearson Cove Industrial Precinct on the Burrup Peninsula. The bird fauna observed is shown in Table 2-4.

The TANPF and temporary laydown areas had result in the removal of approximately 49 Ha of occasional foraging habitat associated with the supra-tidal flat. Areas of habitat would continue to exist to the south and west of the TANPF.

As such, the TANPF development is supposed to have implied the habitat loss of the migratory species now considered not having the potential to utilize the Site. Refer to the Public Environmental Review (PER).

Table 2-4 Bird Species Observed on Site

Species Name	Common Name
Birds	
Phaps chalcoptera	Common Bronze-wing Pigeon
Geopelia cuneata	Diamond Dove
Grallina cyanoleuca	Magpie Lark
Coracina novaehollandiae	Black-faced Cuckoo Shrike
Lichenostomus virescens	Singing Honeyeater
Larus novaehollandiae	Silver Gull
Himantopus himantopus	Black-winged Stilt*
Tringa nebularia	Common Greenshank*
Charadrius ruficapillus	Red-capped Plover*
Egretta garzetta	Little Egret
Sterna caspia	Caspian Tern
Megalurus timoriensis	Tawny Grassbird
Hirundo neoxena	Welcome Swallow
Artamus cinereus	Blackfaced Woodswalow
Hieraaetus morphnoides	Little Eagle*
Merops ornatus	Rainbow Bee-eater*
Egretta novaehollandiae	Whitefaced Heron
Nycticorax caledonicus	Nankeen Night Heron
Malurus lamberti	Variegated Fairy-wren
Actitis Hypoleucos	Common Sandpiper*

(*): EPBC Listed Migratory species - Conservation Significant Bird species



3. BIRD CONTROL METHODS IDENTIFICATION AND ASSESSMENT

3.1 Identification of Bird Deterrent Methods

The following available methods to deter birds have been identified:

- Physical Bird Control: Wire system, Bird Control Spikes, Bird Spiders, Hydroblast, Netting/Mesh.
- Electrical/Electronic Bid Controls: Audible Bird Control, Non Audible Bird Control Visual Bird Control, electrifier wire.
- Chemical Bird Controls (gels, avicides, fogging agents, etc.).

3.2 Assessment of Bird Deterrent Methods

Generally, all of the methods above listed have limited effectiveness requiring to carry out a decision making process to select a suitable bird deterrent system. Issues of installation and associated costs limit the choices even further. The factors considered when selecting a bird deterrent system for the ponds include the following:

- Bird species (including size, behaviour and habits);
- · Bird Control effectiveness.
- · Environmentally safe;
- Installation and Maintenance;
- · Number and size of ponds,

A netting system has been discarded as an accurate installation to be effective is very difficult, time consuming and expensive due to size of the contaminated ponds. Because of the big of the ponds (e.g. 3,000 m2), bridges are needed to be able to tension and support the mesh hence this is a huge impact that does not justify the purposes. Netting systems requires a difficult netting clean and maintenance. Chemical control, electrifier wirer and spikes are discarded due to the occupational health and safety regulations restrictions and potential harm to people, fauna and environment.

Sound bird control devices have been discarded due to the noise pollution originated: distress signals are generally very loud, thus disturbing the human inhabitants as well. There is also a possibility of habituation towards the noise. The effects are temporary in that birds may return after the distress signal is turned off. The 'silent' ultrasonic repellents were considered at first instance taking into account the following applications and advantages: effective against most species of birds identified under Table 2-4, eco-friendly ('green'), environmentally safe, non-toxic and non-harmful, easy to install, low clean-up and repair costs and acoustic environment for customers and employees. Nevertheless suppliers have recognised that ultrasonic device as their range and affect is limited outdoors, and are ineffective on many bird types or species become habituated to the devices over time.

Following recommendations from Department of Parks and Wildlife - Pilbara Region, YPNPL has investigated further other methods already implemented as modifying the surface banks to make them less desirable to shorebirds (e.g. covering the banks with rocks to prevent nesting and foraging in the mud), or the installation of non-electrified string lines parallel across the ponds to prevent birds from landing or entering the water. Trials at BHP's Olympic dam have been successful in using string lines hand effectiveness have been investigated by YPNPL. The BHP Billiton Olympic Dam project identified the suspension of parallel overhead wires above the evaporation ponds as a potential option to restrict wildlife interaction with the TRS. To test the effectiveness of this approach a trial was undertaken at a local waterbody. A series of wires/lines 1m above the water surface were installed on it for a period of three weeks, during that time the spacing between the lines was tested at different intervals (5m, 7m and 10m). The trial concluded that lines spaced at 5m intervals are capable of reducing the presence of waterfowl by 99.2%.

In addition, Department of Parks and Wildlife - Pilbara Region recommends that YPNPL should commit to a monitoring program being developed and undertaken, to measure the effectiveness of the deterrent devices on the presence and abundance of bird species over time. If monitoring systems detect no effect of the method (deviations to targets in reducing the number of listed migratory birds lost), or a reduction in effectiveness is noted over time then other methods should be considered and implemented whether in combination or in rotation.



4. NUMBER OF BIRD DETERRENT DEVICES AT TANPF'S

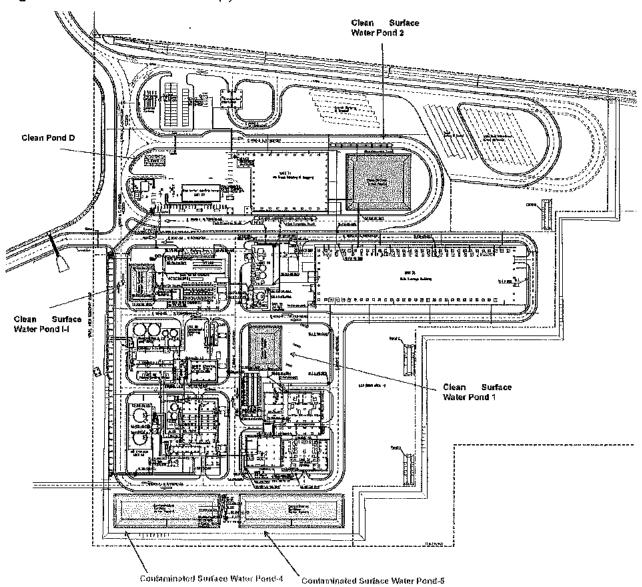
Based on the assessment undertaken under section 3.2 and recommendations made from Department of Parks and Wildlife - Pilbara Region, the methods considered to deter birds method from entering the contaminated water pond, clean water pond and sewerage wastewater treatment station evaporation pond are described in Table 4-1.

Table 4-1 Bird Deterrent Method (s) implemented on Site

·	Civil Drawing	Pond Dimension East-West	Pond Dimension North- South	Pond Surface	Bird Deterrent Method Measures
Clean Pond D	2-300-329-DWG- TRE-2964	20 m	10 m	200 m2	- Parallel overhead wire lines spaced at 5 m and 1 m above water surface - Weekly monitoring program
Clean Surface Water Pond I-I	2-300-329-DWG- TRE-2964	20,8 m	32,8 m	662.4 m2	-Parallel overhead wire lines spaced at 5 m and 1 m above water surface - Weekly monitoring program
Clean Water Surface Pond-1	2-300-329-DWG- TRE-2964	32,9 m	42,35 m	1,393.31 m2	- Parailel overhead wire lines spaced at 5 m and 1 m above water surface - Weekly monitoring program
Clean Water Surface Pond-2	2-300-329-DWG- TRE-2964	60,8 m	51,3 m	3,119.04 m2	- Parallel overhead wire lines spaced at 5 m and 1 m above water surface - Weekly monitoring program
Contaminated Surface Water Pond-4	2-300-329-DWG- TRE-2962	99,8 m	29 m	2,894.2 m2	- Parallel overhead wire lines spaced at 5 m and 1 m above water surface - Weekly monitoring program



Figure 4-1 Bird Deterrent Method (s) Location on Site





5. WIRE LINE SYSTEM TECHNICAL DETAILS

Stealth

HVAC . Gridwire

HVAC Netting System

HMAC units provide birds with sheller (underneath the units), and a high perch to check out food and other opportunities (on top of the units).

Roottop units can be difficult to protect. Installers generally screen off the bottoms; and put Daddi Long Legs on the top. The units need to be accessed for maintenance, and building owners generally don't like holes drifted in their roofs.

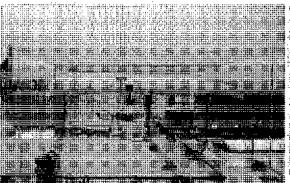
Our HVAC protection system offers many unique features:

* System protects top and space below the unit

- Ourner Stand-off brackets raise net well above unit
- Brackets keep not away from the sides of the unit as well
- Brackets can usually mount to unit without screws
- Weighted hose secures to roof, no fasteners or holes necessary
- · Hose can be lifted up for repair access
- installed using most standard Bird Barrier items (Steakhitet, cable, net-rings, tools etc.)
- Zippers can be installed for smaller access, or as pipes and other obstructions demand

EV-\$1024 188770 Stand of Bracket 24' Stand-off Bracket 48" NV-8048 NR-WN26 115440 Well and Hose 26 ft.

Bird Bairner provides an cruine Hise: calculator that was generale a list of the materials you need and the cost for soon. NAVIN DE COURT E COURT



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Telescoping Support Poles

These poles can be used to build raised netting systems The polescan be used to keep the center cable higher like a tent), or to raise a whole net system above a flat. port, or a roof covered with HVAC equipment.

the top of the pole has four holes designed to accommodate ath perimeter net cable and turnbuckles. This flexibility Hows the pole to accommodate a wide range of possible sstatations. The bolts half way-up the poles can be loosened sadjust the poles to the perfect height. By tensioning the ables equally in each direction, the flat base will simply sit in Macs. Protective neoprene pads insure no damage is done to se port. Extend poles from 4.5 ft. to 8 ft. Each pole includes ≔e protective pad.

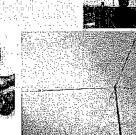
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5/64" Copper Ferrules for GHLATE (100) NGN150 6/64" Open Copper Ferrules (100) Ratchet Ofinping Tool ,77 nm SS Gridvite 600 ft. ,98 mm SS Gridvite 500 ft. Fluorescent Graffwine w88, 1,000 ft. Pole Cable Support (see above

645108 EW-CROO TN-R100 638178 EW-WX77 EW-WX777 051434 662272 GW-T100 731748 HV-PO4











Onunge Grédnike vitili two strongs of SS were for added longevity.

22 800 503-5444 * www.birdbarrier.com

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Yara Pilbara Nitrates Pty Ltd



Yours sincerely,

Yara Pilbara Nitrates Pty. Ltd.

Rajan Sinha

Technical Services & Business Development Manager



2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 7C

Photograph of bird deterrent lines across site water pond.





2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 7D

Fauna found at the TAN Plant during construction



ate	Scientific Name	Common Name	Datum	Zone	Location	Dead/Alive	Relocated	Comment
12/02/2013	Falco cenchroides	Australian Kestrel	GDA94	50k	0478400 7719444	Alive	No	
12/02/2013	Anthus australis	Richard's Pipet	GDA94	50k	0478163 7719343	Alive	No	
14/02/2013	Ctenophorus caudicinctus	Ring-tailed Dragon	GDA94	50k	0478229 7719545	Alive	Yes	
16/02/2013	Tiliqua multifasciata	Centralian Blue-tongue	GDA94	50k	0478360 7719541	Dead	Yes	
18/02/2013	Amphibolorus longirostris	Long-nosed Water Dragon	GDA94	50k	0477678 7719578	Alive	Yes	
19/02/2013	Macropus rufus	Red Kangaroo	GDA94	50k	0477895 7719669	Alive	No	
19/02/2013	Amphibolorus longirostris	Long-nosed Water Dragon	GDA94	50k	0478404 7719625	Alive	No	
20/02/2013	Canus lupus	Dingo/Wild Dog	GDA94	50k	0478184 7719609	Alive	No	
21/02/2013	Macropus rufus	Red Kangaroo	GDA94	50k	0477360 7719871	Dead	Yes	Was located on village road, outside of project area.
27/02/2013	Aquila audax	Wedge-tailed Eagle	GDA94	50k	Flying over site	Alive	No	
28/02/2013	Hetrenotia binoei	Binoes Gecko	GDA94	50k	0478267 7719388	Alive	No	



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/Alive	Relocated	Comment
28/02/2013	Mus musculus	Domestic Mouse	GDA94	50k	0478267 7719372	Alive	No	
1/03/2013	Macropus rufus	Red Kangaroo	GDA94	50k	0478037 7719669	Alive	No	
1/03/2013	Liasis olivaceous barroni	Pilbara Olive Python	GDA94	50k		Alive	Yes	Found on Hearson Cove Road - Was moved off the road under Reg 17 license No RR001200 - Do not include in the Reg 15 Fauna Return
						Alive		
7/03/2013	Macropus rufus	Red Kangaroo	GDA94	50k	0478267 7719389	Alive	Yes	
10/03/2013	Varanus panoptes	Yellow Spotted Monitor	GDA94	50k	0478267 7719390	Alive	No	
12/03/2013	Grallina cyanoleuca	Mudlark	GDA94	50k	0478267 7719391	Alive	No	
12/03/2013	Cacatua sanguinea	Little Corella	GDA94	50k	0478267 7719392	Alive	No	
14/03/2013	Cacatua sanguinea	Little Corella	GDA94	50k	0478267 7719393	Alive	No	
15/03/2013	Cacatua sanguinea	Little Corella	GDA94	50k	0478267 7719394	Alive	No	
18/03/2013	Anthus australis	Richards Pipet	GDA94	50k	0478267 7719395	Alive	No	



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/Alive	Relocated	Comment
19/03/2013	Eurodacus sp.	Scorpion	GDA94	50k	0478267 7719396	Alive	Yes	
19/03/2013	Varanus panoptes	Yellow Spotted Monitor	GDA94	50k	0478267 7719397	Alive	No	
21/03/2013	Varanus panoptes	Yellow Spotted Monitor	GDA94	50k	0478267 7719398	Alive	No	
22/03/2013	Cacatua sanguinea	Little Corella	GDA94	50k	0478267 7719399	Alive	No	
23/03/2013	Ocyphaps lophotes	Crested Pigeon	GDA94	50k	0478267 7719400	Alive	No	
25/03/2013	Grallina cyanoleuca	Mudlark	GDA94	50k	0478267 7719401	Alive	No	
25/03/2013	Cacatua sanguinea	Little Corella	GDA94	50k	0478267 7719402	Alive	No	
26/03/2013	Macropus rufus	Red Kangaroo	GDA94	50k	0478267 7719403	Alive	Yes	
30/03/2013	Aquila audax	Wedge-tailed Eagle	GDA94	50k	Flying over site	Alive	No	
30/03/2013	Macropus rufus	Red Kangaroo	GDA94	50k	0478267 7719401	Alive	No	
6/05/2013	Ninox novaeseelandiae	Southern Boobook	GDA94	50k	Unkown	Alive	No	
6/05/2013	Ocyphaps lophotes	Crested Pigeon	GDA94	50k	0478267 7719402	Alive	No	



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/Alive	Relocated	Comment
7/05/2013	Aquila audax	Wedge-tailed Eagle	GDA94	50k	Flying over site	Alive	No	
7/05/2013	Grallina cyanoleuca	Mudlark	GDA94	50k	0478267 7719402	Alive	No	
8/05/2013	Grallina cyanoleuca	Mudlark	GDA94	50k	0478267 7719402	Alive	No	
18/05/2013	Grallina cyanoleuca	Mudlark	GDA94	50k	0478267 7719403	Alive	No	
18/05/2013	Anthus australis	Richards Pipet	GDA94	50k	0478267 7719404	Alive	No	
21/05/2013	Macropus rufus	Red Kangaroo	GDA94	50k	0478267 7719405	Alive	No	
22/05/2013	Eolophus roseicapillus	Galah	GDA94	50k	0478267 7719406	Alive	No	
27/05/2013	Tachyglossus aculeatus	Echidna	GDA94	50k		Alive	Unknown	
30/05/2013	Falco cenchroides	Australian Kestrel	GDA94	50k		Alive	No	
5/06/2013	Aquila audax	Wedge-tailed Eagle	GDA94	50k	Flying over site	Alive		
8/06/2013	Falco cenchroides	Australian Kestrel	GDA94	50k	Flying over site	Alive	No	



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/Alive	Relocated	Comment
8/06/2013	Eolophus roseicapilla	Galah	GDA94	50k		Alive	No	
8/06/2013	Macropus rufus	Red Kangaroo	GDA94	50k		Alive	No	
13/06/2013	Grallina cyanoleuca	Magpie Lark	GDA94	50k		Alive	No	
14/06/2013	Grallina cyanoleuca	Magpie Lark	GDA94	50k		Alive	No	
15/06/2013	Tachyglossus aculeatus	Echidna	GDA94	50k		Alive	Unknown	
16/06/2013	Macropus rufus	Red Kangaroo	GDA94	50k		Alive	No	



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/alive	Relocated	Comment
5/06/2013	Aquila audax	Wedge-tailed Eagle	GDA94	50k	Flying over site	Alive	No	
8/06/2013	Falco cenchroides	Australian Kestrel	GDA94	50k	Flying over site	Alive	No	
8/06/2013	Eolophus roseicapilla	Galah	GDA94	50k		Alive	No	
8/06/2013	Macropus rufus	Red Kangaroo	GDA94	50k		Alive	No	
13/06/2013	Grallina cyanoleuca	Magpie Lark	GDA94	50k		Alive	No	
14/06/2013	Grallina cyanoleuca	Magpie Lark	GDA94	50k	:	Alive	No	
15/06/2013	Tachyglossus aculeatus	Echidna	GDA94	50k		Alive	No	
16/06/2013	Macropus rufus	Red Kangaroo	GDA94	50k	:1	Alive	No	
26/06/2013	Falco cenchroides	Australian Kestrel	GDA94	50k	Fence	Alive	No	
10/07/2013	Pseudonaja nuchalis	Gwarda	GDA94	50k	East access	Alive	No	
19/07/2013	Falco cenchroides	Australian Kestrel	GDA94	50k	Main access to site	Alive	No	



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/alive	Relocated	Comment
20/07/2013	Eolophus roseicapilla	Galah	GDA94	50k	Fence to access to Temporary Construction facilities.	Alive	No	
21/07/2013	Tachyglossus aculeatus	Echidna	GDA94	50k	East access road	Alive	No	
23/07/2013	Passeridae	Sparrow	GDA94	50k	Main access to site.	Alive	No	
23/07/2013	Grallina cyanoleuca	Magpie Lark	GDA94	50k	Access between YARA Ammonia Plant and TAN Plant.	Alive	No	
26/07/2013	Macropus rufus	Red Kangaroo	GDA94	50k	Along north channel	Alive	No	
08/08/2013	Macropus rufus	Red Kangaroo	GDA94	50k		Alive	No	
09/08/2013	Macropus rufus	Red Kangaroo	GDA94	50k		Alive	No	
11/08/2013	Falco cenchroides	Australian Kestrel	GDA94	50k	Flying over site	Alive	No	
12/08/2013	Varanus giganteus	Perente	GDA94	50k	East access road	Alive	No	



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/alive	Relocated	Comment
14/08/2013	Pseudonaja textilis	Brown snake	GDA94	50k	North east access	Alive	No	
15/08/2013	Pseudechis australis	King brown snake	GDA94	50k	Whittens workshop	Alive	No	
18/08/2013	Grallina cyanoleuca	Magpie Lark	GDA94	50k	Surroindings Yara Ammonia Plant	Alive	No	
22/08/2013	Macropus rufus	Red Kangaroo	GDA94	50k	South east fence	Alive	No	
24/08/2013	Macropus rufus	Red Kangaroo	GDA94	50k	South west fence	Alive	No	
24/08/2013	Macropus rufus	Red Kangaroo	GDA94	50k	North channel	Alive	No	
25/08/2013	Rhinoicteris aurantius	Pilbara leaf nosed bat	GDA94	50k	Fence	Death	No	
18/09/2013	Pseudechis australis	King brown snake	GDA94	50k	Whittens workshop	Alive	No	
2/10/2013	Eolophus roseicapilla	Galah	GDA94	50k	Surroindings east access.	Alive	No	
5/10/2013	Macropus rufus	Red Kangaroo	GDA94	50k	South east fence.	Alive	No	



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/alive	Relocated	Comment
14/10/2013	Passeridae	Sparrow	GDA94	50k	East fence.	Alive	No	
22/10/2013	Spilopelia chinensis	Dove	GDA94	50k	East fence.	Alive	No	
24/10/2013	Macropus rufus	Red Kangaroo	GDA94	50k	Surroindings Yara Ammonia plant.	Alive	No	
29/10/2013	Grallina cyanoleuca	Magpie Lark	GDA94	50k		Alive	No	
6/11/2013	Geophaps plumifera	Spinifex pigeon	GDA94	50k		Alive	No	
23/11/2013	Podargus strigoides	Tawny Frogmouth owl	GDA94	50k		Death	No	
30/11/2013	Macropus rufus	Red Kangaroo	GDA94	50k	Water Pond number 1	Alive	No	Taken to Pilbara wildlife association, once



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/alive	Relocated	Comment
								recovered, it was released in the surroundings of the site.
09/12/2013	Macropus	Baby Kangaroo	GDA94	50k	Northwest fence	Alive	Yes	It was taken to the Pilbara wildlife association
11/12/2013	Cacatua alba	White cockatoo	GDA94	50k	East fence	Alive	No	
11/12/2013	Macropus rufus	Red Kangaroo	GDA94	50k	South-east fence	Alive	No	



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/alive	Relocated	Comment
17/01/2014		Finch nest	GDA94	50k	Quarentine secure area. Inside stored structure	Alive	Yes	
20/01/2014	Macropus Rufus	Baby Red Kangaroo	GDA94	50k	Water Pond	Alive	Yes	Taken to Pilbara Wildlife Association
22/01/2014	Pseudechis australis	King Brown Snake	GDA94	50k	Unit 32	Alive	Yes	Licensed snake handler
25/01/2014	Accantophis antaticus	Death Adder	GDA94	50k	Office car park	Alive	Yes	License snake handler
14/02/2014		Bungarra lizard	GDA94	50k	Warehouse area	Alive	No	
17/02/2014	Macropus Rufus	Red Kangaroo	GDA94	50k	Water pond	Alive	Yes	
18/02/2014	Macropus Rufus	Red Kangaroo	GDA94	50k	Water pond	Alive	Yes	Taken to Pilbara Wildlife Asociation
19/02/2014	Macropus Rufus	Red Kangaroo	GDA94	50k	Water Pond	Alive	Yes	
22/02/2014	Diploriphora	Southern	GDA94	50k	Warehouse	Alive	No	



Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/alive	Relocated	Comment
	Valens	Pilbara Tree Dragon			area			
01/03/2014	-, -	Red ant	GDA94	50k	Office Car park	Alive	No	
11/03/2014		Pilbara Dragon	GDA94	50k	North Channel	Alive	No	
19/03/2014		Razor lizard	GDA94	50k	Warehouse Fence	Alive	No	
10/04/2014		Bungarra Lizard	GDA94	50k	Warehouse area	Alive	No	
16/04/2014		Bungarra Lizard	GDA94	50k	Warehouse area	Alive	No	1
05/05/2014		Kingfisher	GDA94	50k	Unit 35	Alive	Yes	Taken to Pilbara Wildlife Association
12/06/2014		Pink and grey galah x2	GDA94	50k	Security Hut	Alive	No	



Number	Date	Scientific Name	Common Name	Datum	Zone	Location	Dead/alive	Relocated	Comment
1	04/09/2014	Macropus fuliginosus	Grey Kangaroo	Plot Plan: Pond 1 (East side close to the fence)	Pond 1	Inside (water)	Alive		Release outside
2	12/09/2014	Guttata Castanotis	Mandarin diamond birds	Plot Plan: E477747.600; N77719302.335	Compressor Area	Ground level	Alive	Pilbara Wildfire Association	
3	12/09/2014	Guttata Castanotis	Mandarin diamond birds	Plot Plan: E477741.600; E477726.695	Compressor Area	Ground level	Alive	Pilbara Wildfire Association	
4	22/09/2014	Macropus fuliginosus	Grey Kangaroo	Plot Plan: Pond 1 (East side close to the fence)	Pond 1	Inside (water)	Dead		It was removed by WBHO
5	29/09/2014	Grallina Cyanoleuca	Magpie lark	Plot Plan: E477735.600 N7719309.550	Unit 12	Near structure low level	Alive	Pilbara Wildfire Association	
б	11/10/2014	Pseudechis Australis	King Brown	Plot Plan: Pond 5 (South-East side close to the fence)	Pond 5	Inside	Alive	Outside site boundary	
7	11/10/2014	Pseudechis Australis	King Brown	Plot Plan: Pond 5 (South-East side close to the fence)	Pond 5	Inside	Alive	Outside site boundary	
8	05/11/2014	Pseudechis Australis	King Brown	Plot Plan: E477853 N7719314	Unit 32	Low level	Alive	Outside site boundary	
	06/12/2014	Pseudechis Australis	King Brown	Plot Plan: E477850		Below piperack;		Outside site	It was removed inside the



Common Name	Datum	Zone	Location	Dead/alive	Relocated	Comment	pictures
King Brown	Road A E477685.66 N7719464.2	Area 81	In the vicinity of the raw water pond 3 in area 81 North West.	Alive although bleeding	Outside site boundary	Snake wasn't showing any signs of life when it was dropped off. It was bleeding from three places.(1 m long)	
Grey Kangaroo	Plot Plan: Pond 2 (Noth side close to the fence)	Pond 2	Inside (no water)	Alive	Outside site boundary	It was removed by WBHO and HSE team. A net or deterrent method is recommended in this pond (at least nothin the face of the pond)	
Olive Python	SE corner level 3 of PFU1212	PFU1212	PFU1212	Alive	Outside site boundary	It was removed outside site boundary by authorizaded snake handler.	



Olive Python	unit 12	Module 1211.	In the space between the deep pit in Unit 12 and Module 1211.	Alive	Outside site boundary	It was removed outside site boundary by authorizaded snake handler.	
Grey Kangaroo	Plot Plan: Pond 2 (North side close to the fence)	pond 2	pond 2	Alive	Outside site boundary	It was removed outside boundary	
Olive Python	MAIN OFFICE	TR MAIN OFFICE	back behind the TR crib hut	Alive	Outside site boundary	It was removed outside site boundary by authorizaded snake handler.	

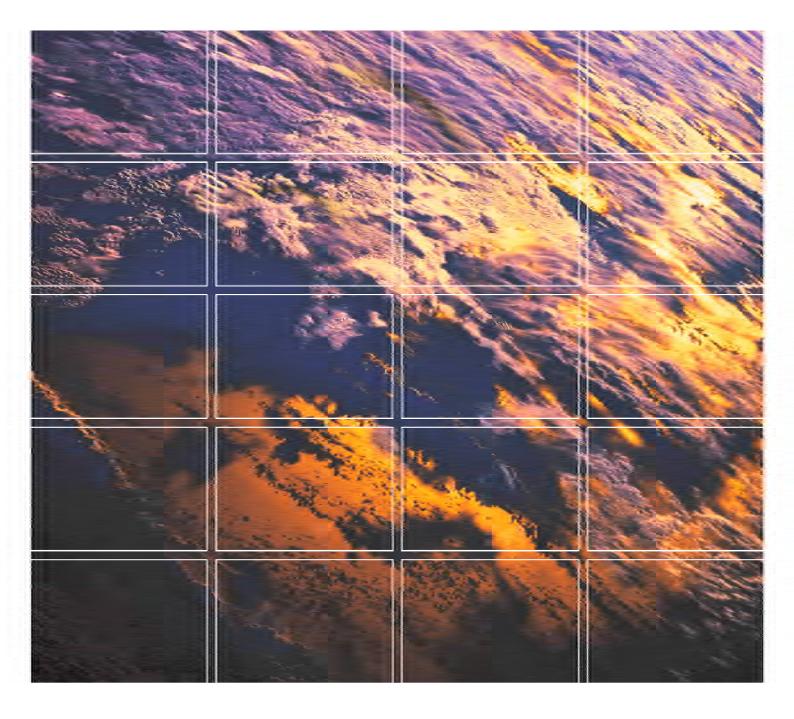


2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 8A

Hydrogeological and Hydrological Investigation report, June 2012.



Technical Ammonium Nitrate Production Facility

Hydrogeological and Hydrological Investigation

For Burrup Nitrates Pty Ltd

June 2012

0086269

www.erm.com



DRAFT REPORT

Burrup Nitrates Pty Ltd

Technical Ammonium Nitrate Production Facility

Hydrogeological and Hydrological Investigation

June 2012

Environmental Resources Management Australia

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EXECUTIVE SUMMARY

Environmental Resources Management Australia Pty Ltd (ERM) was commissioned by Burrup Nitrates Pty Ltd (BNPL) in 2010 and 2011 to undertake hydrological and hydrogeological investigations of the proposed Technical Ammonia Nitrate Production Facility (TANPF), located at "Site D" within the Burrup Industrial Estate (BIE) on the Burrup Peninsula, Western Australia (WA).

This assessment was conducted to address Environmental Protection Authority Statement 870 Condition 8 Groundwater.

Desktop analysis and field assessment identified that the surface water at the proposed TANPF intersects a number of ephemeral watercourses which drain the slopes to the north. Diversion of these flows will be required.

Flood modelling undertaken by Golder (2011) indicates that water levels would rise to approximately 5.6 m AHD due to storm surge in a 100 year return interval event. This exceeds the proposed site level of 5.5 m AHD suggesting that some parts of the site could be inundated in such an event.

The groundwater assessment involved the installation of groundwater monitoring bores at the site, which were monitored over 18 months to evaluate baseline groundwater conditions. The average groundwater elevations across the site were 3.6 mAHD in late April 2011, and 3.4 mAHD in September 2011 and February 2012. Depth to groundwater ranged from over 3 mbgl in the northern, more elevated part of the site to approximately 0.5 mbgl in the supratidal flat area in the southern part of the site. The inferred groundwater flow direction was to the south-east, towards the supratidal flats in the southern part of the site where groundwater salinity is increased through evaporation and evapotranspiration. The hydraulic gradient was noted to be slightly steeper in the north-west than in the south of the site and groundwater elevation was generally noted to mimic surface topography.

Background groundwater quality at all monitoring well locations was dominated by sodium and chloride; however, groundwater from the northern (bedrock) part of the site contained more bicarbonate and calcium relative to chloride and sodium than groundwater from the southern part of the site. Salinity also increased in groundwater samples from the south of the site, consistent with the presence of the supratidal flats in this area.

Dewatering was considered as it formed part of one of the conditions of the EPA statement 870. The site may require dewatering during wet season or storm events, other dewatering activities will be determined by the installation methods finally chosen for the project.

Based on the findings of this report the following recommendations are made for further hydrological and hydrogeological assessment:

Further detailed design of upslope clean water diversion drains;

- Review flood modelling to address uncertainties with respect to assumed downstream water levels;
- Conduct additional flood modelling to assess the relative increase in flood magnitude, frequency and flow velocities caused by filling the floodplain. Related issues to be addressed include:
 - assess impacts on surrounding land, ecosystems and developments (both existing developments and any proposed or foreseen developments within the area);
 - assess impacts on groundwater conditions (quality and levels) and soil salinity;
 - assess compliance with relevant legislation and flood planning controls; and
 - review of mitigation options to reduce potential impacts.
- Determine onsite stormwater detention requirements for clean and dirty water catchments based on final site design and development conditions;
- Prepare stormwater management plans that address the management of clean and dirty stormwater, including any discharge procedures and water quality targets;
- If dewatering is to be considered for the site, pumping tests and assessment of groundwater elevation and quality in nearby observation bores should be conducted; and
- As part of detailed design, develop management plans for control of potential sources of on-site contamination. Such sources might include water, chemical and fuel storage facilities, waste water treatment facilities, and water and waste discharge processes.

1 INTRODUCTION

Environmental Resources Management Australia Pty Ltd (ERM) was commissioned by Burrup Nitrates Pty Ltd (BNPL) in 2010 and 2011 to undertake hydrological and hydrogeological investigations of the proposed Technical Ammonia Nitrate Production Facility (TANPF), located at "Site D" within the Burrup Industrial Estate (BIE) on the Burrup Peninsula, Western Australia (WA) (*Figure 1.1*).

The studies undertaken focused on the 35 ha northern portion of Site D (hereafter referred to as 'the site') which is the designated area of disturbance (both permanent and temporary) for the TANPF (*Figure 1.2*).

These baseline studies are required in support of the environmental approvals process for the proposed TANPF.

1.1 PROJECT APPRECIATION

Site D within the BIE occupies an area of approximately 79 ha and extends from Village Road in the north to Hearson Cove Road in the south. The existing Burrup Fertiliser Pty Ltd (BFPL) ammonia plant is situated adjacent to the western boundary of Site D, with vacant land present between the site and Hearson Cove to the east.

The site (including temporary laydown areas) occupies approximately 35 ha of land in the northern section of Site D. Bulk earthworks disturbance associated with construction of permanent works for the TANPF will be constrained to approximately 16 ha of land (*Figure 1.2*) located within the western quadrant of the site.

The TANPF comprises three major processing units including a nitric acid plant, ammonium nitrate solutions plant and the technical ammonium nitrate (TAN) plant. The proposed site preparation works for the TANPF are anticipated to include the following activities:

- Removing vegetation within the designated area;
- Preparing the TANPF footprint and lay-down/stockpile areas, which will include cut and fill activities;
- Construction of a wastewater treatment plant;
- Installation of site drainage;
- Establishment of perimeter fencing;
- Road and access tracks for construction; and







Site D Boundary

Area of Disturbance 'The Site'

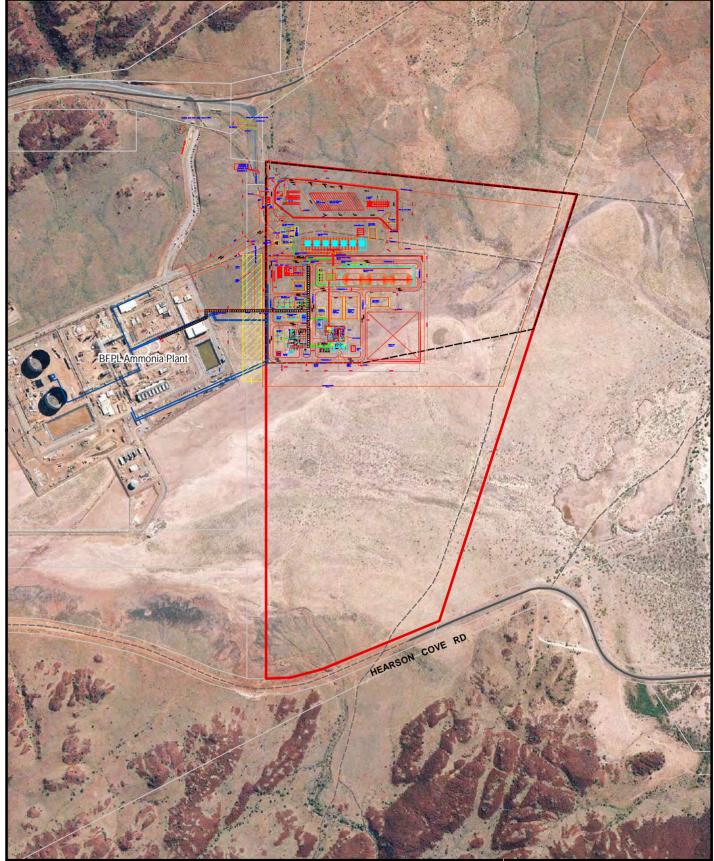
Client:	Burrup Nitr	ates Pty Lt	td	
Project:	Hydrogeolo	gical & Hy	/drological	Report
Drawing	0086269p_	Hydro_G0	01_R0.m	κd
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Figure 1.1 Site Location

Environmental Resources Management Australia Pty Ltd Adelaide, Brisbane, Canberra, Hunter Valley, Melbourne, Perth,Port Macquarie, Sydney







Site D Boundary



Area of Disturbance 'The Site' - Pipeline

Client:	Burrup Nitrates F	ty Ltd					
Project:	Hydrogeological	Hydrogeological & Hydrological Report					
Drawing	0086269p_Hydro	0086269p_Hydro_G002_R0.mxd					
Date:	25/05/2012	Drawing Size: A4					
Drawn By:	DN	Reviewed By: SS					
Projection:	GDA 1994 MGA	GDA 1994 MGA Zone 50					
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Figure 1.2 Site Layout

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The proposed civil works for the TANPF will include:

- Excavation for foundations and other minor civil works;
- Cut and fill activities;
- Controlled blasting (if required);
- Laying of concrete pads/footings;
- Equipment storage/construction laydown;
- Preparation of ammonia pipeline and utilities from the adjacent BFPL facility; and
- Site finishing activities (gravelling, asphalting, paving, drainage trenching etc.).

The potential impacts of the proposed development on the environment range from the direct impacts of clearing for the TANPF and associated pipe corridors, to indirect short and long-term impacts on the surface hydrology and groundwater regime during construction and operation of the TANPF.

The agreed scope of works to be completed by ERM also included an acid sulfate soil (ASS) assessment for the site, which has been reported separately (ERM, 2011).

1.2 OBJECTIVES

The agreed objectives of the hydrological and hydrogeological investigations are summarised as follows:

- To meet the requirements of Ministerial statement 870, condition 8;
- Assess peak flows for site runoff and flow to the site from the upgradient catchment to gain a preliminary understanding of the TANPF drainage design requirements to manage estimated stormwater drainage run off;
- Characterise baseline hydrogeological conditions, groundwater flow direction and groundwater chemistry, to inform the assessment of potential groundwater impacts during development and operation of the TANPF; and
- Develop a preliminary understanding of the risk of potential flooding and whether further surface water modelling and groundwater assessment is necessary.

1.3 REGULATORY CONTEXT

Requirements for the assessment and management of groundwater at the site were formally conditioned in Ministerial Statement No. 870 published on 7 July 2011. Condition 8 of the above-referenced ministerial approval articulates the following requirements, which must be implemented pursuant to the provisions of the WA *Environmental Protection Act 1986* in support of the construction and operation of the TANPF.

- 8 Groundwater
- 8-1 The proponent shall undertake detailed hydrogeological studies commencing at least 12 months prior to the commencement of construction to quantify groundwater quality, groundwater flow directions, and the depth to groundwater beneath the TANPF site and in surrounding areas.
- 8-2 The proponent shall develop appropriate management measures for dewatering to the satisfaction of the CEO on advice of the DEC and the Department of Water in the event that the information gathered from the hydrogeological studies required by condition 8-1 indicates that dewatering would be required during construction.
- 8-3 The proponent shall design, construct, and locate groundwater monitoring bores to the satisfaction of the CEO on advice of the DEC and the Department of Water, having regard for the outcomes of the hydrogeological studies required by condition 8-1 and the Department of Water's Water Quality Protection Note 30 on Groundwater Monitoring Bores.
- 8-4 The proponent shall sample/monitor all groundwater bores required by Condition 8-3 every six months and shall set groundwater monitoring trigger values at a value of 10% above the baseline contaminant concentrations obtained from the hydrogeological studies required by condition 8-1.
- 8-5 In the event that monitoring required by condition 8-4 indicates an exceedance of trigger levels:
 - 1. The proponent shall report such findings to the CEO within 7 days of the exceedance being identified;
 - 2. The proponent shall provide evidence which allows determination of the cause of the exceedance;
 - 3. If determined by the CEO to be project attributable, the proponent shall submit actions to be taken to address the exceedance within 7 days of the determination being made to the CEO;
 - 4. The proponent shall implement actions to address the exceedance and shall continue until such time as the CEO determines that the remedial actions may cease; and

- 5. The proponent shall submit bi-annually, or at a frequency defined to the satisfaction of the CEO, the results of monitoring required by condition 8-4 to the CEO, until such time as the CEO determines that reporting may cease.
- 8-6 The proponent shall make the monitoring reports required by condition 8-5(5) publicly available in a manner approved by the CEO.

The findings of the hydrological and hydrogeological studies reported herein may be used in support of the discharge of ministerial sub-condition 8-1 in respect of establishing a baseline understanding of groundwater depth, flow direction and chemical quality characteristics at the site.

1.4 LIMITATIONS

The findings of this report are based on the scope of work outlined in this report. ERM performed the services in a manner consistent with the normal level of care and expertise exercised by members of the environmental profession. No warranties, expressed or implied, are made.

Subject to the scope of work, ERM's assessment is limited strictly to identifying typical environmental conditions associated with the subject property and does not evaluate structural conditions of any buildings on the subject property, nor any other issues. Although normal standards of professional practice have been applied, the absence of any identified hazardous or toxic materials on the subject property should not be interpreted as a guarantee that such materials do not exist on the site.

The information relating to the soil and groundwater conditions in this document is considered to be accurate at the date of issue. Subsurface conditions can vary across a particular site, which cannot be wholly defined by investigation. As a result, it is unlikely that the results and estimations presented in this report will represent the extremes of conditions within the Site. Subsurface conditions including impact concentrations can change over a limited period of time.

All conclusions and recommendations made in the report are the professional opinions of the ERM personnel involved with the project and, while normal checking of the accuracy of data has been conducted, ERM assumes no responsibility or liability for errors in data obtained from regulatory agencies or any other external sources, nor from occurrences outside the scope of this project.

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2 SCOPE OF WORKS

To meet the project objectives, the following scope of works was completed in accordance with the approved proposal:

- Desktop assessment, which included reviewing relevant available reports (e.g. Golder Geotechnical Report, 2011), and other publically available data;
- Field investigation and field data analysis;
- Hydrological assessment;
- · Hydrogeological assessment; and
- Preparation of this report to summarise the findings of the hydrological and hydrogeological investigations.

Each scope of work described above is discussed in detail below.

2.1 DESKTOP ASSESSMENT

The desktop assessment included a review of the following:

- Geological and hydrogeological data to identify potentially sensitive surface water and groundwater features in and surrounding the site;
- Historical investigation reports for the site and nearby industrial development (in particular the recent Golder Geotechnical survey undertaken in 2011);
- Meteorological data; and
- Hydrological and catchment data.

2.2 FIELD INVESTIGATION

A field investigation was completed in January 2011, with follow-up groundwater monitoring and analysis in April and September 2011 and February 2012 to inform the hydrological and hydrogeological characterisation of the site. Baseline studies were undertaken to provide initial characterisation of hydraulic conditions, groundwater flow directions and background groundwater chemistry. The studies were designed to assist with identifying potential impacts during development and operation of the TANPF and providing a baseline status.

A comprehensive assessment and installation of a monitoring network has not been completed at this time for this project, as the design and layout of the TANPF and installation methods have not yet been finalised. As such these works undertaken for this report are considered to be an initial assessment.

A summary of the works completed for the field investigation are detailed below.

2.2.1 Health and Safety

All works were completed in accordance with ERM health and safety (H&S) procedures. This included the preparation of site works risk/hazard analysis documents and the preparation of an H&S plan to oversee safe work practices at the site.

An H&S meeting was conducted with BNPL's appointed driller prior to mobilisation to ensure appropriate procedures and safety measures were in place for the site visit.

ERM required BNPL's drilling contractor to comply with ERM H&S procedures and measures discussed and agreed in the H&S meeting prior to mobilisation. If, for any reason, ERM staff felt that BNPL's subcontractor was not complying with the agreed H&S procedures/measures, or ERM staff felt an action was unsafe, ERM staff reserved the right to stand down or postpone works until appropriate safety practices were in place.

2.2.2 Drilling and Groundwater Monitoring Well Installation

The intrusive works undertaken in support of geological and hydrogeological characterisation of the site comprised advancement of 10 soil bores to a nominal target depth of 3 m. At five locations, drilling was advanced at least 2 m beyond the water table to facilitate monitoring well installation and subsequent groundwater sampling and analysis. The location of the soil bores and monitoring wells are provided in *Figure 2.1*.

Additional exploratory holes were advanced across the site to aid geotechnical characterisation and assessment of foundation design parameters and dewatering constraints, under the supervision of Golder Associates (Golder, 2011). This supplementary data has been used by ERM to refine the understanding of the site, particularly in regard to groundwater occurrence and behaviour, and the assessment of potential dewatering management implications (per Ministerial Condition 8-2, see *Section 1.3*).



Legend

Site D Boundary

Proposed Development Area 'The Site'

Saline Coastal Flat

Contour Elevation (10m interval)

Sampling Locations

Monitoring Well

Soil Sample
Borehole

/			THE REAL PROPERTY.					
	Client:	Burrup Nitrates Pty Ltd						
	Project:	Hydrogeological & Hydrological Report						
	Projection:	GDA 94 MC	GA Zone 5	50				
	Drawing No:	0086269p_	Hydro_G	_G008_R0.mxd				
	Date:	19/08/2011	Drawing size: A4					
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Figure 2.1 Well Locations

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Hydraulic Testing

Slug tests (rising head tests) were completed at the site in April 2011 to assess the hydraulic conductivity of the underlying geology; however, due to the flooding at the site and unexpected field equipment failure, viable data were not obtained from these slug tests.

Repeat slug tests were completed during the September 2011 and February 2012 groundwater monitoring events. Three rising head tests were completed at each monitoring well to assess repeatability, with the exception of MW1 (February 2012) where the test was only repeated twice.

Prior to commencing each slug tests, the static water level was measured and recorded. A pressure transducer for measuring changes in water level was installed and a bailer was submerged below the water level. The water level was allowed to return to static levels before removing the full bailer in an instantaneous movement. The instantaneous drop in water level and subsequent recharge of groundwater into the well was measured by the pressure transducer. When the water level had returned to the initial static level the test was repeated. The duration of the test was dependent on the rate of water level recovery which, in turn, is dependent on the geological formation in which the well is installed.

The results of the analysis of the data are provided in *Annex H*.

2.2.3 Groundwater Sampling

The five groundwater monitoring wells (MW1-MW5) installed at the site were developed, purged and sampled in accordance with ERM's standard groundwater sampling protocols. Samples were collected and stored under full chain of custody procedures. QA/QC samples were collected and analysed in accordance with Australian Standard AS/NZS 5667.11:1998: Water quality – Sampling – Guidance on sampling of groundwater and the results summarised in *Annex I*.

2.2.4 Soil Sampling

Soil sampling was undertaken during advancement of all soil bores (SB1 to SB5) and monitoring wells (MW1 to MW5) (Figure 2.1). During drilling, soil lithology was logged by ERM field personnel in general accordance with the Unified Soil Classification System (USCS). Potential visual and olfactory indicators associated with acid sulfate soils were also recorded where apparent (e.g. soil colour, mottling, hydrogen sulphide odours). Full details of the implemented soil sampling procedures and associated analytical results are provided in the ERM report 'Preliminary Acid Sulfate Soil Investigation, Aug 2011' (ERM, 2011) and are not discussed further in this report.

2.2.5 Laboratory Analysis

Groundwater samples were analysed at ALS in Perth, which is a NATA approved laboratory for the schedule of analytes recommended by the WA Department of Water (May 2007) for hydro-geological assessments, as listed below:

- Field parameters including; temperature, pH, oxygen reduction potential, electrical conductivity and dissolved oxygen;
- Cations and anions including calcium, magnesium, sodium, potassium, phosphate, ammonia, carbonate, bicarbonate, chloride, sulphate, nitrate, nitrite and silica;
- Total dissolved solids, total hardness and total alkalinity;
- Dissolved metals including; aluminium, arsenic, cadmium, chromium, iron, lead, manganese, mercury, selenium and zinc; and
- Total petroleum hydrocarbons.

2.2.6 Data Management

All geological and chemical data obtained from the field investigation were incorporated into ESDAT data management software. This software allows automated processing and presentation of geological and chemical data in tabulated and graphical forms. ESDAT data was coupled with GIS and CAD to enhance the spatial representation of data.

2.2.7 Hydrological Assessment

Hydrological calculations were undertaken to assess peak flows in catchments draining onto the site. The methods outlined in *Australian Rainfall and Runoff: A Guide to Flood Estimation* (AR&R) (Pilgrim ed., 1987) were used. Both the Rational Method and Index Flood Method were used as described for the North West Pilbara region of WA.

An estimate was made of stormwater detention volumes for 24-hour storm events of various recurrence intervals to inform the design of on-site stormwater detention facilities.

A review of existing information relating to flooding and storm surge was also conducted and relevant information summarised.

3 INVESTIGATION FINDINGS

3.1 CLIMATE

The Burrup Peninsula lies at the western edge of the semi-desert tropical Pilbara region within Australia's arid zone. The seasonal variations in the region do not accord directly with the traditional four seasons of higher latitudes and the climate is characterised by two seasons:

- Fine, warm and dry winters from May to November; and
- Hot, summers with periodic, heavy rains from December to March.

The climate of this region is monsoonal and seasonally controlled by the meridional position of the large high pressure cells, which pass from west to east across the Australian continent (Osborne *et al.*, 2000). These pressure systems, with their anticlockwise wind circulation, migrate from latitudes of 25° to 30°S in winter to 35° to 40°S in summer (Pierce *et al.*, 2003). Strong easterly winds prevail in the winter due to the development and intensification of anticyclones over southern WA or South Australia. In summer, prevailing winds are generally warmer and from the northwest and southwest.

Long-term meteorological data (including rainfall, temperature, humidity and wind data) has been recorded since 1969 at the operations of Dampier Salt and Karratha Airport by the Bureau of Meteorology (BoM). A summary of the meteorological data over the period 1993 to present for the area around the Burrup Peninsula is presented in *Table 3.1*.

3.1.1 Temperature and Humidity

The annual mean maximum temperature at Karratha Airport meteorological station (located 10 km south of the Site) is 32.3°C, with an annual mean minimum of 20.8°C. A summary of climate data taken from Karratha Airport meteorological station is provided in *Table 3.1*.

Table 3.1 Summary of Climate Data for Karratha Aero (BoM, 2012)

Month	Temperature (°C)		Relative humidity (%)		Mean Daily Evaporation (mm)*	Mean Monthly rainfall	Wind Speed (km/h)	
	Mean Daily Max.	Mean Daily Min.	9 am Mean	3 pm Mean		(mm)	9 am Mean	3 pm Mean
January	36.0	26.8	59	51	11.0	47.7	19.4	28.2
February	35.4	26.6	64	55	10.1	80.5	18.8	26.4
March	36.1	25.7	54	46	10.1	51.3	18.9	24.4
April	34.2	22.6	47	40	9.2	17.9	17.3	22.0
May	30.0	18.1	45	42	7.1	25.1	19.2	22.7
June	26.5	14.9	47	44	6.0	29.0	21.4	23.0
July	26.3	13.8	45	40	6.2	14.6	20.0	23.0
August	28.1	14.3	39	35	7.3	4.8	19.9	24.0
September	30.6	16.9	40	36	9.0	1.5	19.2	26.3
October	33.7	20.5	40	38	10.8	0.3	19.7	28.4
November	34.9	23.0	43	41	11.9	1.6	20.3	29.7
December	35.7	25.4	51	47	11.9	12.7	20.1	29.4
Annual Average	32.3	20.7	48	43	9.2	290.6**	19.5	25.6

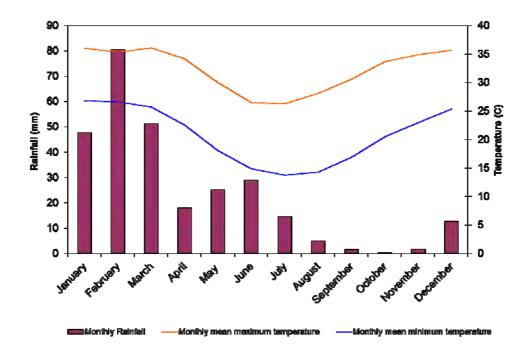
^{*} Data sourced from Dampier Salt meteorological station 1972 - 2012 (BoM, 2012)

Monthly mean maximum temperatures recorded range from 26.3°C in July to 36.1°C in March. Monthly minimum temperatures recorded range from 13.8°C in July to 26.8 °C in January (BoM, 2012).

The annual mean relative humidity is 48% at 9 am, decreasing to 43% at 3 pm. Monthly mean maximum humidity at 9 am range from 64% in February to 39% in August. Monthly mean maximum humidity at 3 pm ranges from 55% in February to 35% in August (BoM, 2012). Monthly mean maximum and minimum temperatures and rainfall are illustrated in *Figure 3.1*.

^{**} Average annual total

Figure 3.1 Monthly Mean Maximum and Minimum Temperature and Rainfall at Karratha Aero (BoM, 2012)



3.1.2 Rainfall and Evaporation

Annual rainfall in the region is characterised by low, highly variable and very localised rain events due to thunderstorm and tropical cyclone activity in the summer months. Average annual rainfall recorded at Karratha Airport is 289.9 mm, with an annual average of only 20 days a year exceeding 1 mm of rainfall (BoM, 2012).

Rainfall in the region is seasonal, usually with two peaks per year. The first peak is from January to March due to tropical cyclones, tropical lows or rainbearing depressions and tropical thunderstorms. The second peak is from May to June due to the passage of low pressure systems through the south of WA. Monthly average rainfall for the area ranges between 80.5 mm in February to 0.3 mm in October. Due to tropical cyclones, the area is prone to isolated extreme rainfall events. The highest rainfall recorded in a single month was 348.8 mm in February 2011, while all calendar months have at one stage recorded 0 mm of rainfall (BoM, 2012).

Annual average evaporation is 3,358 mm per year, or 9.2 mm per day, which is more than 11 times greater than the average annual rainfall (BoM, 2012).

On January 26 2011, Tropical Cyclone Bianca passed just north of nearby Barrow Island (approximately 150 km to the west of the site) bringing with it high winds and heavy rainfall. Damage to the weather station on the island meant that precise rainfall data for this event could not be ascertained. Following Tropical Cyclone Bianca, on 23 February 2011, Tropical Cyclone Carlos tracked over Barrow Island which resulted in a recorded daily rainfall of 283 mm.

As part of the field investigation, a site visit was undertaken by ERM personnel between the 28 and 30 April 2011. ERM personnel noted that there was evidence of temporal inundation in the low lying area east of the Burrup Fertilisers Pty Ltd (BFPL) Ammonia Plant (refer to the photolog in *Annex A*). A site visit conducted three months prior by the same ERM personnel noted that the same area was completely dry.

3.1.3 *Wind*

Winds in the area of the Burrup Peninsula are predominately from the east during the winter months of April, May, June, July and August with average wind speeds ranging between 17 – 24 km/h (BoM 2012). East to southeasterly winds are dominant in the mornings, shifting to north-easterly in the afternoon and easing in the evening in response to diurnal land temperature changes.

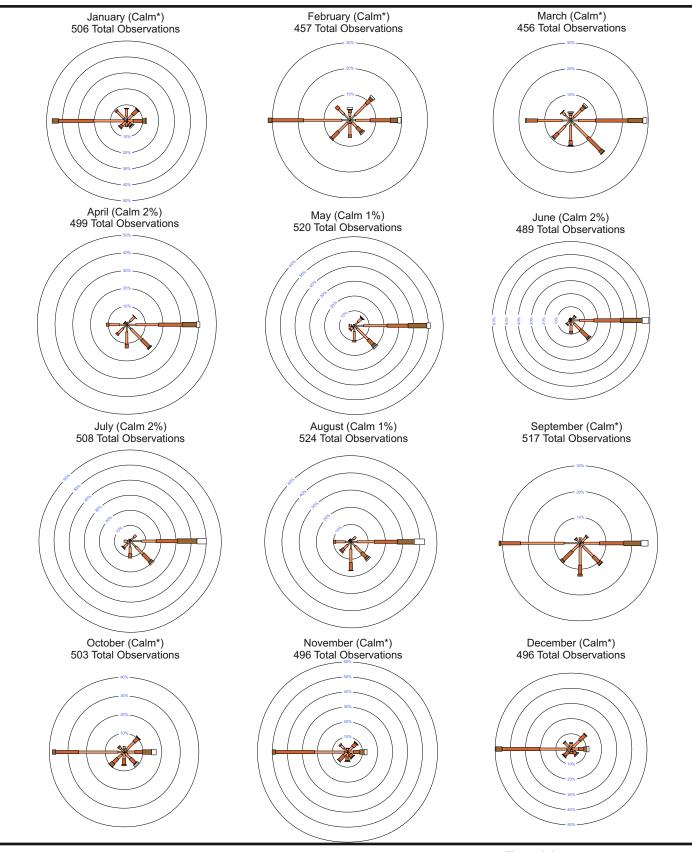
From October through to February winds are predominantly westerly in the morning, shifting to dominant north-westerly onshore winds in the afternoon with mean wind speeds varying between 19 and 30 km/h. The months of February, March and September are transition months with less dominant wind patterns, with mean wind speeds varying between 19 and 28 km/h. Monthly 9 am and 3 pm wind roses for Karratha are presented in *Figures 3.2* and 3.3.

Extreme wind conditions may be generated in the region by tropical cyclones, strong easterly pressure gradients, squalls and tornados. Tropical cyclones generate the most significant storm conditions in the region with wind gusts of 259 km/h at Mardie being measured during cyclone Trixie in February 1975, and 183 km/h recorded at Dampier from cyclone Orson in 1989 (BoM, 2011b).

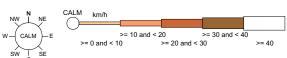
3.1.4 Cyclones

The Pilbara coast experiences more cyclones than any other part of Australia and is one of the most cyclone-prone regions in the world. Between 1910 and 2006, 48 cyclones in the Karratha, Dampier and Roebourne region caused damaging wind gusts in excess of 90 km/h (BoM, 2011b). Along the central

Pilbara coast the cyclone season runs from mid-December to April peaking February and March as illustrated in <i>Figure 3.4</i> (BoM, 2011b).	in



Legend



Notes:

Rose of Wind direction versus Wind speed in km/h (04 Aug 1993 to 30 Sept 2010) Custom times selected, refer to attached note for details:

KARRATHA AERO

Site No: 004083, opened Dec 1971, still open Latitude -20.7097°, Longitude 116.7742°), elevation 7m An asterisk (8) indicates that calm is less than 0.5%. Other important info about this analysis is available in the accompanying notes.

Burrup Nitrates Pty Ltd Project: Hydrogeological & Hydrological Report Drawing No: 0082692p_Hydro_C001.cdr 19/08/2011 Date: Drawing size: A4

Drawn by: DN Reviewed by: SS Source: Australian Government -Bureau of Meteorology Scale: Not to Scale

Client:

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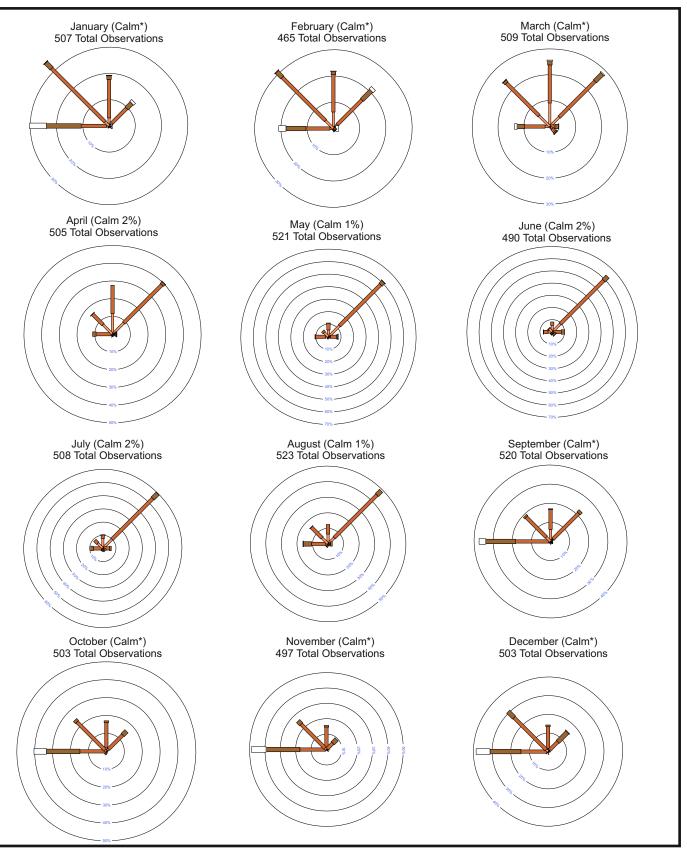
Figure 3.2

Wind Roses - 9am

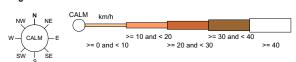
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Legend



Notes:

Rose of Wind direction versus Wind speed in km/h (04 Aug 1993 to 30 Sept 2010) Custom times selected, refer to attached note for details:

KARRATHA AERO

Site No: 004083, opened Dec 1971, still open
Latitude -20.7097°, Longitude 116.7742°), elevation 7m
An asterisk (8) indicates that calm is less than 0.5%. Other important info about this analysis is available in the accompanying notes.

Client:	Client: Burrup Nitrates Pty Ltd				
Project: Hydrogeological & Hydrological R		drological Report			
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Drawn by:	DN	Reviewed by: SS			
Source: Australian Government - Bureau of Meteorology					
Scale: Not to Scale					

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Figure 3.3 Wind Roses - 3pm

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On average, two cyclones cross the Pilbara coast each year, which can result in wind gusts of up to 250 km/hr, along with heavy swells, storm surges and torrential rain (BoM, 2011). Data from the BoM, as illustrated in *Figure 3.5*, summarise the frequency, category and maximum wind gusts from cyclones that have occurred in the Dampier and Karratha Region between 1910 and 2006. *Figure 3.6* shows the frequency of tropical cyclones per annum across Australia.

Figure 3.4 Cyclone Frequencies in the Karratha/Dampier Region (BoM, 2011b)

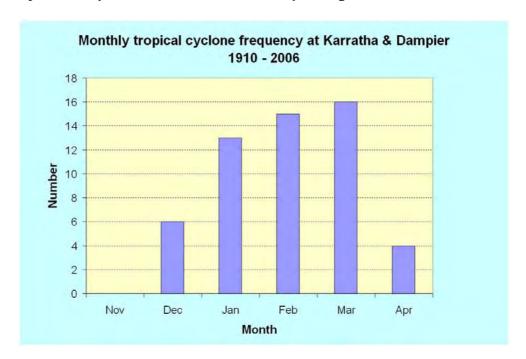


Figure 3.5 Tropical Cyclones that have occurred in the Karratha/Dampier Region (BoM, 2011b)

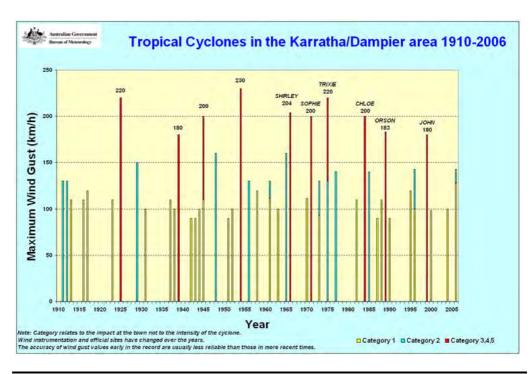
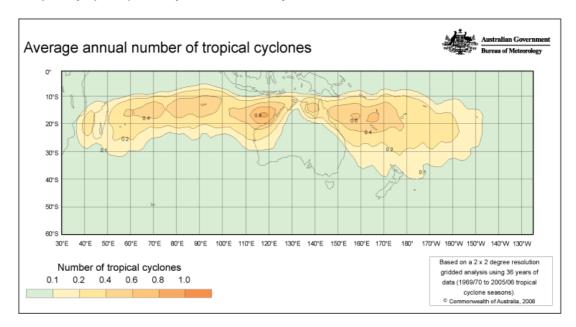


Figure 3.6 Frequency of Tropical Cyclones Annually in Australia (BoM, 2011c)



3.2 TOPOGRAPHY

3.2.1 Landforms and Topography

The Burrup Peninsula, approximately 22 km long and 5 km wide, was originally an island that formed part of the Dampier Archipelago. It was joined to the mainland in the mid 1960s by a road causeway, forming the Burrup Peninsula. The Burrup Peninsula is bound by Mermaid Sound to the west and Nickol Bay to the east and is distinguished by large areas of weather resistant rocky outcrops and scree slopes.

These high scree slopes form part of an extensive high scree range, which runs throughout most of the Burrup Peninsula and rises to 60 m above sea level in places, serving as the main catchment for water during rainfall events on the Burrup Peninsula.

Scree slopes and rocky outcrops exist to the north and south of the site, with steeply inclined valleys that occur along fault lines forming minor drainage lines, feeding into shallow drainage gullies through the site. These gullies then drain to the supratidal flats that run through the southern section of the site before flowing in a westward direction to King Bay.

The topography of the site is dominated by the supratidal flats that form an east-west trending valley at approximately 4 m Australian Height Datum (AHD) that divides the Burrup Peninsula into two separate units and extends from King Bay in the west to Hearson Cove in the east. The invert of this valley is composed of marine sediments.

The elevation of the site ranges between approximately 11.4 and 2.2 m AHD, with topography generally grading towards the south-east. The steepest area of the site is in the north-west section of the proposed development area, where the site gradient is approximately 1:15. Site topography is relatively flat in the southern section of the proposed development area. *Figure 3.7* presents topographical survey data for the site.

The five major landform features found on and adjacent to the site include:

- High scree slopes to the north and south;
- Uplands and upper hill slopes associated with the upper scree slopes bordering the northwest boundary of the site;
- Gentle, low, undulating hill slopes with occasional small rock outcrops and shallow drainage gullies;
- Tidal flats; and
- Tidal inlet and associated saline supratidal flats.

3.3 VEGETATION AND SITE COVERAGE

Vegetation coverage at Site D remains largely undisturbed as confirmed by Outback Ecology (2009) during a Level 1 vegetation survey conducted over Site D. Five main vegetation units were reported by Outback Ecology (2009) during their assessment and are discussed below, see *Figure 3.8*.

- **AbTeWa** (Coastal Flats) High Open to Open Heath of *Acacia bivenosa,A. coriaceae* subsp. *coriacea* over Low Open Shrubland over *Triodia epactia* hummock grassland and mixed Closed Grasses over Herbs on the coastal flats. The coastal flats run parallel to the saline inlet to the south and the lower hill slopes to the north and occur in the southern and northern portions of Site D. Soils here become more sandy and slightly saline.
- Sm (Saline inlet and Supratidal Flats) Tecticornia (syn. Halosarcia) spp. Scattered low shrubs to low open heath. Supratidal flats with Tecticornia-Trianthema succulent Dwarf Scrub. The saline inlet runs approximately east-west through the surrounding area.
- **ItTa** (**No Astron analogue**) *Indigofera trita* low shrubland over *Triodia epactia* (*T. angusta*) hummock grassland. One small occurrence of this unit is mapped in the south-east corner of Site D.
- **TeSv** (Coastal Flats) As noted in Trudgen (2002) this community is broadly described as *Sporobolus virginicus* grassland occurring on the edge of tidal flats. *Acacia bivenosa* occurs as a scattered shrub species while other associated species include *Trianthema turgidifolia* and *Eragrostis falcate*. This unit occurs in the north of Site D, and is mixed with **AbTeWa**.





Site D Boundary

_____ Area of Disturbance 'The Site'

- Elevation Contours 0.5m

Intermediate Elevation Contours 0.1m

Source: Handley Surveys

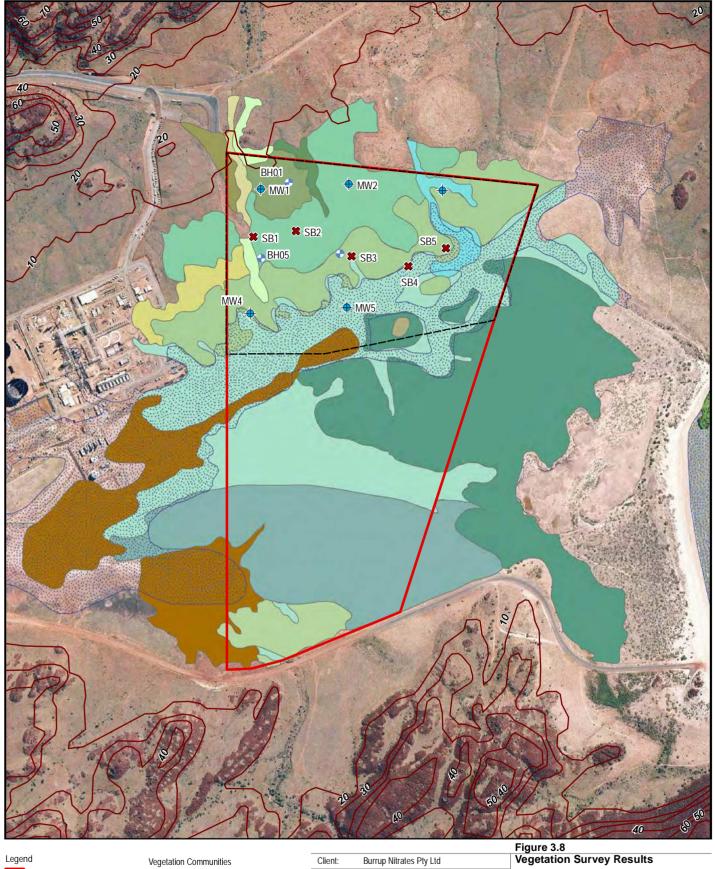
Client:	Burrup Nitrates Pty Ltd					
Project:	Hydrogeological & Hydrological Repo					
Drawing	0086269p_Hydro_G003_R0.mxd					
Date:	19/08/2011	Drawing Size: A4				
Drawn By:	DN	Reviewed By: SS				
Projection:	GDA 1994 MGA Zone 50					
Scale:	Refer to scale bar					
Ω	0 75 150 22					

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Figure 3.7 Topography (1m Contours)

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Client:	Burrup Nitrates Pty Ltd				
Project:	Hydrogeological & Hydrological Report				
Projection:	GDA 94 MGA Zone 50				
Drawing No:	0086269p_Hydro_G008_R0.mxd				
Date:	19/08/2011 Drawing size: A				
Drawn by:	DN Reviewed by:				
Source:	Aerial supplied by Landgate				
Scale:	1:5500				
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AbImTe (Upland and Upper Slopes) Recorded on the Upper slopes of the northern part of Site D this community is described as an open *Acacia bivenosa* shrubland over gravel and stone. Additional shrub species present include *Indigofera monophylla*.

Vegetation condition was described as Very Good in the northern part of Site D to Degraded in the eastern and southern parts. The presence of *Cenchrus ciliaris* (Buffel Grass) an introduced species, was found to have an increased dominance and cover, based on consultation with consultants who surveyed Site D in 2000.

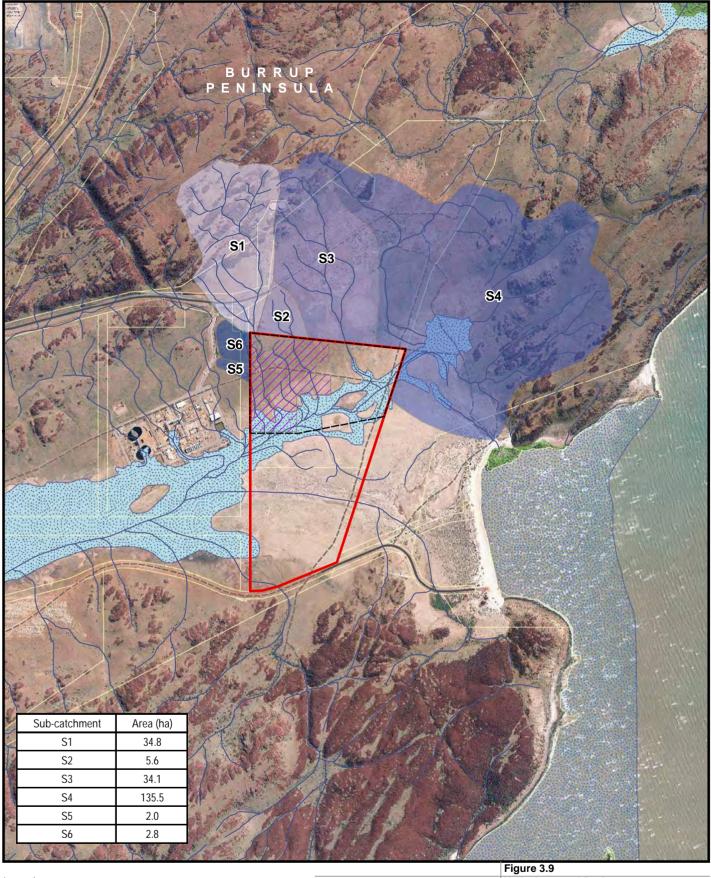
3.4 HYDROLOGY

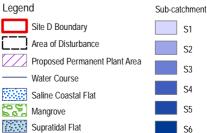
3.4.1 Regional Hydrology

As with much of the west Pilbara, the Burrup Peninsula has limited fresh surface water. Fresh water flows are highly variable, characterised by short periods of very high flow that coincide with major rainfall events usually associated with tropical cyclone activity. These periods of high flow are followed by dry periods sometimes lasting years, when stream flow stops and even deeper waterholes in gorges can dry up completely (DEC, 2006).

As such, there are no permanent surface water features on the Burrup Peninsula, as creeks and rock pools are ephemeral and, therefore, rainfall dependent. Topographical features suggest that surface water has historically flowed through the proposed TANPF site in a south-south-easterly direction in drainage channels that originate on the steep sided hillsides to the north as shown in *Figure 3.9*. These drainage channels fan out onto the lower level supratidal mud flats located in the south of the TANPF site, which drain westward to King Bay and Mermaid Sound. The soils of the lower slopes and tidal flats are highly permeable (SKM, 2001).

Natural drainage to the supratidal flat between King Bay and Hearson Cove from up-gradient is characterised by a rapid response to rainfall. This is due to the geology of the catchment, which limits rainwater infiltration, as well as vegetation that has little capacity for interception storage of rainwater. This rapid response to rainfall has been described in the Karratha Storm Surge Inundation Study (KSSIS) prepared by the Bureau of Meteorology Special Service Unit Report No. SSU96-7 (BoM, 1996).





Client:	Burrup Nitrates Pty Ltd					
Project:	Hydrogeological & Hydrological Report					
Drawing	0086269p_Hydro_G004_R0.mxd					
Date:	19/08/2011 Drawing Size: A4					
Drawn By:	DN Reviewed By: SS					
Projection:	GDA 1994 MGA Zone 50					
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Hydrology and Drainage

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Tidal Processes

During periods of extreme spring tides and storm surge the supratidal flats are periodically inundated with seawater for up to several hours. This tidal action supports the King Bay mangrove community west of Burrup Road by providing sedimentation, seawater recharge to maintain prevailing salinity fields, nutrient delivery and recruitment of benthos (Semeniuk, 1994). Evaporation of seawater over the tidal mudflats east of Burrup Road results in surface salinities ranging from 90,000 ppm to 300,000 ppm (Semeniuk, 1994).

The tidal range in the region is moderate and semi-diurnal in nature, with the tides in King Bay ranging from 0.1 m (LAT) to 5.2 m (HAT), which corresponds to -2.7 m AHD to 2.4 m AHD.

3.4.2 Storm Surge

Storm surge is the difference between the actual observed sea level and the predicted sea level. Wind stresses on the sea surface and a reduction in atmospheric pressure are the two main causes of storm surge (Department of Planning and Infrastructure (DPI), 2008).

Changes in sea level generated by extreme meteorological events, such as winter storms and cyclones, may be positive or negative depending on whether the sea level is higher or lower than predicted. The effect of storm surge is most severe when these extreme meteorological events occur in conjunction with high tide (DPI, 2008).

Storm surges, winds and rain associated with cyclones can cause considerable damage to coastal land and infrastructure in the Pilbara Region, with localised flooding possible in susceptible areas along rivers, creeks and low-lying areas, particularly when coinciding with a high tide (BoM, 2008).

Peak steady water levels have been estimated for a number of locations on the Karratha coast in the Karratha Storm Surge Inundation Study (BoM, 1996). The peak steady water level is the elevation of the sea surface above AHD caused by the combined effect of storm surge, tide and wave set-up. This water level is estimated to reach up to 5.0 m AHD within the vicinity of the TANPF Project site, for a 1-in-100 year event (BoM, 1996). The Burrup Road appears to be covered only at recurrence intervals around 100 years or greater (BoM, 1996).

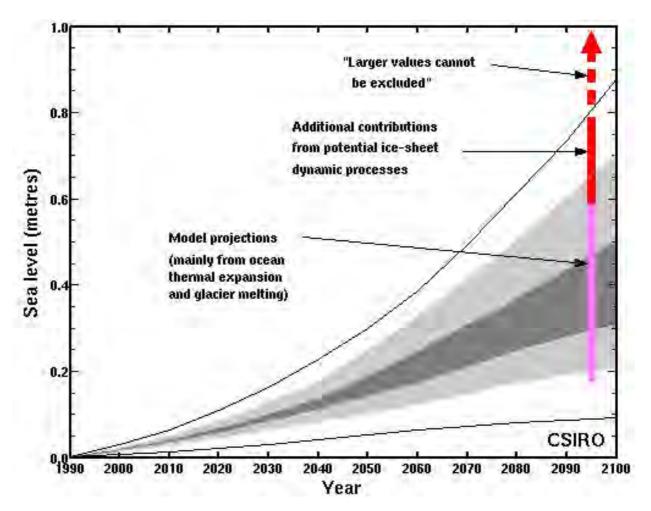
The interaction between storm surge and tides for the region is stated to be complex and non-linear. However results of the Karratha Storm Surge Inundation Study found that storm surges which exceeded 4.0 mAHD (1:50, 1:100 year events) were dominant over any tidal effects. In the event of a storm surge in this area, tidal effects can be considered negligible in favour of storm intensity and the location at which it crosses the coastline (BoM, 1996).

An investigation into the effect of rainfall runoff suggests that runoff generally does not greatly increase inundation water levels associated with storm surge except in more extreme events (BoM, 1996).

3.4.3 Potential Sea Level Rise

Based on the International Panel on Climate Change (IPCC) Third Assessment Report - 2001 (Church *et al.*, 2001), Fourth Assessment Report - 2007 (Meehl *et al.*, 2007) and interpretations from Hunter (2008), sea level on a global mean basis will rise between 6.7 and 20.8 cm by 2040 (*Figure 3.10* provides a graphical illustration of the predicted sea level rises and estimated contributions). This value is factored into the current proposed final TANPF level of 5.5 AHD.

Figure 3.10 IPCC Global Sea Level Rise Predictions (CSIRO, 2008)



3.4.4 Flooding

The supratidal flat, upon which the southernmost extent of the proposed TANPF is to be situated, hosts the water table aquifer in this area, and is likely to be subject to rapid flooding during high rainfall events. In addition, the supratidal flat between King Bay and Hearson Cove is known to be subject to flooding associated with storm surge events and with runoff during high rainfall events.

Golder (2011) indicated that to help mitigate potential flood impacts, BNPL propose to fill the site to achieve a typical level of 5.5 m AHD. Finished floor levels to buildings are indicated to be about 5.95 m AHD and road pavements will have a finished level of about 5.65m AHD.

ERM has reviewed flooding and storm surge data from two sources – the KSSIS (BoM, 1996) and Golder (2011). ERM's site observations from a recent inspection are also provided.

Groundwater conditions at the site are discussed further in Section 3.6.

Karratha Storm Surge Inundation Study (BoM, 1996)

The KSSIS (BoM, 1996) provides an estimation of storm surge for this region using a deterministic regional ocean model and historical cyclone events. The model did not account for the effects of sea level rise associated with climate change. This found that storm events with a return period of 100 years are expected to yield a storm surge of 5.0 mAHD, while storm events with a return interval of 50 years would result in a slightly lower rise in water level (4.6 mAHD).

The interaction between storm surge and tides for the region is stated to be complex and non-linear. However results of the KSSIS found that storm surges which exceeded 4.0 mAHD (1:50, 1:100 year events) dominated any tidal effects and, in this instance, tidal effects can be considered negligible in favour of storm intensity and the location at which it crosses the coastline.

Although it is reasonable to anticipate that flooding of this area will be exacerbated when high rainfall coincides with storm surges and/or spring tides, the KSSIS reported that rainfall runoff did not greatly increase water levels across much of the region except in the more extreme weather events, i.e. 1:100 storm events. It is however noted in the KSSIS study that an investigation of the relative frequency of extreme rain events coinciding with storm surge was beyond the scope of the study.

Golder Geotechnical Investigation (Golder, 2011)

The report Geotechnical Investigation: Proposed technical Ammonium Nitrate Production Facility, Burrup Peninsula (Golder, 2011) provides geotechnical and

hydrological information on the site based on site specific investigations and modelling. This included development of a HEC-RAS model to predict flood levels across the supratidal flats and assess flood-related constraints to development. It is noted that the Golder (2011) assessment does not consider impacts from predicted sea level rise associated with climate change.

The modelling found that the southern boundary of the site is flood affected and that the 100-year Annual Recurrence Interval (ARI) flood level is estimated to be approximately 5.6 m AHD. The HEC-RAS model assumed an input downstream water level of 5.6 m AHD, which is reported to be the maximum tide plus storm surge in the area (Golder, 2011). Model results for ARIs from 10 to 100 years all produce a water level of 5.6 m AHD, equal to the assumed input water level. This value is clearly controlling the model outcome.

ERM notes that the source of the 5.6 mAHD value for maximum storm surge height used by Golder is not well explained or justified. It appears that this figure is based on simple addition of the maximum tide level (reported as 2.5 mAHD) and recorded storm surge (3.1 m) from cyclone Orson in 1989. ERM suggests this approach is likely to be unreliable and may over-estimate the potential maximum storm surge height in the vicinity of the site. ERM believes a better source of information on storm surge height is the KSSIS (BoM, 1996). The KSSIS predicts peak steady water level caused by the combined effect of storm surge, tide and wave set-up, would reach an estimated 5.0 mAHD within the vicinity of the TANPF Project site (Burrup Road at King Bay-Hearson Cove), for a 1-in-100 year event (BoM, 1996). The KSSIS also reports that the combined effects of storm surge, wave set-up and tide are not linear and cannot be simply added as was done by Golder (2011).

Based on the information available ERM questions the use of 5.6 mAHD as a downstream water level. ERM similarly questions the validity of the flood model undertaken by Golder (2011) given that the assumed storm surge level dominates all results. ERM recommends that the flood modelling be reviewed and if necessary revised after considering more appropriate input data on downstream water levels. It may be advisable to produce a flood model that assumes lower downstream water levels, more similar to a typical tidal maximum, to investigate the magnitude of flood effects caused by overland flow from large rain events. These effects appear to be hidden in the current model outputs, being subordinate to the effects of storm surge.

Filling of the site for construction of the TANPF will reduce the flood storage capacity of the supratidal flats to the south. This could affect flood levels both onsite and in adjacent areas during flood events, and may be particularly pronounced during extreme rain events and high catchment runoff. This impact has not been modelled and should be quantified.

Further discussion regarding impacts and recommendations associated with this issue is provided in the *Sections 4* and 5 of this report.

During the site visit in April 2011, ERM observed indications of flooding across the low lying parts of the TANPF site related to extreme rainfall events caused by TC Bianca (January 2011) and TC Carlos (February 2011). There were indications that flood waters had reached a height of approximately 40 cm up the standpipe at monitoring well MW4. Ground level at MW4 is approximately 2.8 m AHD, suggesting water levels reached approximately 3.2 m AHD. It is not clear whether these levels were a result of very high tides, storm surge, overland flow, or a combination of factors.

3.4.5 *Catchment Peak Flows*

A number of ephemeral watercourses intersect the site, conveying stormwater from the rocky hill slopes to the north, in a south-easterly direction through the site and to the supratidal flats south of the TANPF. Six sub-catchments have been defined based on an interrogation of catchment drainage and focusing on watercourses that intersect the proposed development footprint. These sub-catchments have areas ranging from approximately 2 ha to 135 ha. *Figure 3.9* shows the relevant watercourses and their sub-catchments.

Peak flows within these sub-catchments were calculated for a range of ARI floods using the methods described in *Australian Rainfall and Runoff: A Guide to Flood Estimation* (AR&R) (Pilgrim ed., 1987). Both the Rational Method and Index Flood Method were used as described for the North West Pilbara region of WA. In relation to these methods and their applicability for use in WA, AR&R notes the following:

"It should be noted that the quality and quantity of the streamflow data used in deriving the methods vary considerably. The quality of the data is generally good in the South West region, but becomes poorer with distance from this more populous region. In particular the majority of gauging stations in the North West and Kimberley regions are poorly rated and have relatively short lengths of record. Hence, flood estimates derived for these regions using the methods given below should be treated with caution, especially for higher average recurrence intervals. The numbers of catchments used in deriving the various methods are rather limited, as are the ranges of data and characteristics sampled. These characteristics are therefore listed for each region to aid designers in assessing the accuracy of each method. Where the design conditions are outside the range of those sampled in derivation, the methods given in this Section are still recommended as the best available. However, it must be recognised that accuracy will be lower under these circumstances than when the design conditions fall within this range."

For the Pilbara region the Rational Method is based on historical flood flow data from 12 catchments with areas ranging in size from 40.5 km² to 7,980 km² and stream lengths from 10 – 194 km. The Index Flood Method is based upon data from 13 catchments with areas ranging in size from 40.5 km²

to 49,600 km² and stream lengths of 10 – 498 km. These catchments and stream lengths are all substantially larger than the sub-catchments and stream lengths being investigated here and this is likely to introduce increased errors to the calculations. The use of stream lengths and catchments areas that are less than the parameters upon which the peak flow equations were designed are also likely to increase the range of differences in results between the Index Flood Method and Rational Method.

AR&R provides the following caveat regarding the accuracy of the two methods:

The two methods are based on the same data in each region, and should therefore give similar results. The standard errors of estimate of the regressions for the runoff coefficients for the Rational Method are generally, but not always, slightly greater than those for the discharge in the Index Flood Method. However the differences would not be significant. Despite its slightly higher standard errors of estimate, the Rational Method should give more accurate results in most cases. The functional form of the relationships used in this method is likely to have greater validity than those used in the Index Flood Method for estimates involving combinations of catchment characteristics different from those used in developing the regressions. Also, most of the regressions for the runoff coefficient are for an ARI of 10 years, whereas most of those for the Index Flood Method are for the 2 or 5 year ARI Flood. In both cases, floods of larger ARIs are obtained by multiplication by a frequency factor, which also has a standard error of estimate. Although their values are not specified in the methods, the likely errors would increase as the extrapolation accounted for by the frequency factors increases. Most design floods have ARIs greater than 10 years, so that the Rational Method would generally involve less extrapolation and less error due to this cause. This does not apply to the Pilbara Region, where the ARI of the regression for the rational method is less than that for the Index Flood Method, and the latter may therefore be more accurate. It is not really possible to determine which method is more accurate for the Pilbara and Kimberley regions, as a result of the small amount of data on which the design relations are based.

In regard to the Index Flood Method in particular AR&R states the method uses 'regressions which are limited in their functional forms to relations that lack a sound physical basis. They are likely to give poor results when extrapolated beyond the range of values used in their derivation, but also beyond the range of combinations of values used'.

Although the two methods (Rational and Index Flood) are reported in AR&R to give similar results, this was not the case for the small catchments modelled here.

Comparison of the peak discharges produced from the Rational Method with the Index Flood Method shows larger peak discharges produced from the Rational Method. For 2 and 5 yr ARI events the peak discharges produced from the Rational Method are almost double those of the Index Flood Method. The peak discharge for the 10 yr ARI event produced from the Rational Method is approximately three times greater than the Index Flood Method. The 20 yr ARI peak discharge produced from the Rational Method is approximately 2.5 to 3.6 times greater than that produced from the Index Flood Method. The 50 yr ARI peak discharge produced from the Rational Method is 2-3 times greater than that produced from the Index Flood Method. For conservatism and in the absence of more detailed modelling data, it is recommended that the Rational Method data be used to inform initial considerations relating to stormwater management by BNPL.

Sub-catchment peak flows have been calculated using both methods described in AR&R and for ARIs ranging from 2 to 50 years. The results are presented in *Table 3.2*. It is noted that AR&R only assigns frequency factors for ARIs from 2 to 50 years. As such, the method has not been used to calculate peak flows for ARIs outside this range.

Copies of the calculation spreadsheets, including a description of the formulae and terms used, are contained in *Annex B*. Also provided in *Annex B* is an Intensity-Frequency-Duration (IFD) chart developed for the site using the Bureau of Meteorology's online IFD program which was accessed on 26 July 2011, at:

http://www.bom.gov.au/hydro/has/cdirswebx/cdirswebx.shtml

Table 3.2 Subcatchment Peak Flows Using Rational and Index Flood Methods

Rational Method Peak flows (m³/s)								
Site	A (km²)	2 yr,tc	5 yr,tc	10 yr,tc	20 yr,tc	50 yr,tc	100 yr,tc	
S1	0.35	1.71	3.81	7.10	13.0	16.6	n/a	
S2	0.06	0.47	1.03	1.90	2.78	3.51	n/a	
S3	0.34	1.64	3.64	6.80	12.8	16.2	n/a	
S4	1.36	4.52	10.2	19.1	38.7	49.7	n/a	
S5	0.02	0.22	0.47	0.87	1.12	1.40	n/a	
S6	0.03	0.29	0.63	1.16	1.50	1.89	n/a	
	Index Flood Method Peak Flows (m³/s)							
Site	A (km²)	2 yr,tc	5 yr,tc	10 yr,tc	20 yr,tc	50 yr,tc	100 yr,tc	
S1	0.35	0.89	1.58	2.37	3.56	5.37	n/a	
S2	0.06	0.25	0.42	0.63	0.93	1.27	n/a	
S3	0.34	0.87	1.56	2.34	3.50	5.30	n/a	
S4	1.36	2.27	4.21	6.81	10.5	17.7	n/a	
S5	0.02	0.12	0.20	0.30	0.44	0.61	n/a	
S6	0.03	0.15	0.26	0.38	0.57	0.77	n/a	
1. tc – time of concentration								
2. Refer to AR&R for description of the peak flow calculation methods								

3.4.6 Onsite Water Management

The following wastewater drainage systems are proposed for the clean and dirty catchments at the site:

• Clean Runoff:

- Condensate from Air Chillers in TAN Unit;
- Boiler blowdown from Nitric Acid Unit;
- Purified process condensate; and
- Chiller condensate.
- Potentially Contaminated Runoff:
 - potentially recoverable waste water (high concentration of ammonium nitrate) from AN Neutralisation Unit, TAN Unit and Off-spec Unit;
 - potentially contaminated surface water in process areas (rain water, flushing and cleaning); and
 - oil contaminated waters (caused by spills and other accidents in process areas);

A cleanwater pond and contaminated water pond will be constructed to treat the aforementioned runoff streams. The cleanwater pond will collect rainwater from roofs and parking areas. Condensate from air chillers in the TAN Unit will be sent to the sea water basin. All potentially contaminated runoff will be directed to the contaminated water pond.

Areas inside process units will be paved and bunded to ensure collection of spills, washdown water and surface water. These areas will be connected to the underground pipe system and will be sent to the Waste Water Unit for treatment. The waste water unit will consist of an oil water separator and pH neutralisation system. The neutralised water will then be sent to the Contaminated Water Evaporation Pond. Cleaning residual salts from the Contaminated Water Evaporation Pond will be required as necessary.

The locations of the ponds and the onsite drainage plan are shown in *Annex C*.

3.4.7 *Onsite Stormwater Detention Requirements*

Two separate stormwater systems are planned; one for stormwater runoff from clean areas, and one for stormwater runoff from dirty areas. Clean stormwater catchments include roofs, paved areas, roads and unsealed (gravel) surfaces. Dirty stormwater catchments include all areas where stormwater could be contaminated, and includes bunded material storage areas. The clean and dirty stormwater catchments will be segregated and managed separately.

Within the scope of this assessment ERM was asked to consider the potential stormwater detention volumes required to capture site stormwater during 24-hour rainfall events with ARI's of 50 and 100 years. These calculations have been undertaken for both the clean and dirty stormwater catchments.

hour rainfall events with ARI's of 50 and 100 years. These calculations have been undertaken for both the clean and dirty stormwater catchments.

Based on the preliminary drainage plan (see $Annex\ C$), catchment areas for the clean and dirty stormwater catchments are estimated as 21,000 m² (2.1 ha) and 600 m² (0.6 ha), respectively. It is noted that there may be minor changes in the final areas upon confirmation of the final plant layout and design.

To estimate 24-hour detention volume requirements, the volumetric runoff from the site was calculated for various ARIs by multiplying rain depth by site area. A runoff coefficient of 1.0 was used, which assumes that 100% of rainfall converts to runoff. This is a reasonable assumption during high intensity rain events where a large proportion of the catchment is relatively impervious.

From the IFD chart (*Annex B*), 24-hour rain intensities for ARIs of 50 and 100 years, are 13.5 mm/hour and 16.5 mm/hour, respectively. This equates to 24-hour rain depths of 324 mm and 396 mm, respectively.

Table 3.3 lists the 24-hour runoff volumes for each catchment for ARIs ranging from one to 100 years.

 Table 3.3
 Runoff Volumes for Onsite Stormwater Detention

ARI, Y	24-hour Rainfall	24-hour	Runoff Volume		
	Intensity, I _{Y,24}	Rain depth	Clean catchment (Area = 2.1 ha¹)	Dirty catchment (Area = 0.6 ha¹)	
(years)	(mm/hour)	(mm)	(megalitres, ML)	(megalitres, ML)	
1	2.4	57.4	1.2	0.3	
2	3.4	81.6	1.7	0.5	
5	5.9	140.4	2.9	0.8	
10	7.7	184.6	3.9	1.1	
20	10.0	240.0	5.0	1.4	
50	13.5	324.0	6.8	1.9	
100	16.5	396.0	8.3	2.4	

¹ The catchment areas these volumes have been calculated from may be altered upon final design.

For the clean water catchment with an estimated area of 2.1 ha, the 24-hour detention volumes are approximately 6.8 ML for a 50-year ARI event and 8.3 ML for a 100-year ARI event. For the dirty water catchment with an estimated area of 0.6 ha, the 24-hour detention volumes are approximately 1.9 ML for a 50-year ARI event and 2.4 ML for a 100-year ARI event.

Recent correspondence with the DEC has identified that ponds will be sized and designed for all operational requirements and conditions, including cyclones. Ponds will be protected around the perimeter with a bund of 300 mm in order to avoid water from surrounding areas entering the ponds. Both the clean and contaminated water ponds will be evaporation ponds. A

back-up contaminated water pond is planned. Preliminary design pond sizes are provided below:

Clean Water Ponds:

- Pond 1: 32.4 m x 26.9 m x 2.6 m;
- Pond 2: 52.1 m x 29.6 m x 2.9 m; and
- Pond 3: 39.2 m x 31.2 m x 2.8 m.

The total volume provided by these three ponds is 10.2 ML which is of sufficient capacity to accommodate runoff estimated to be produced from the 1:100 yr 24 hr ARI storm event described above (8.3 ML).

Contaminated Water Pond:

• 63 m x 35 m x 3 m (2 ponds). One pond would be sufficient to accommodate the 1:100 yr 24 hr ARI storm event described above (2.4 ML).

All ponds will be lined with an elastomeric membrane to avoid leakage to and potential contamination of groundwater and surrounding soils. The clean water pond will also be lined despite not posing a contamination risk.

3.5 GEOLOGY

3.5.1 Regional Geology

The 1:250,000 series Australian geological map for Dampier-Barrow Island suggests that the site is likely to overlie surficial marine muds and coastal sand beach deposits. *Figure 3.11* presents the regional geology for the Burrup Peninsula. The 1:50,000 series Nickol Bay-Legendre sheet shows the surficial regional geology comprises the following:

- Holocene mud and silts on supratidal to inter-tidal flats, including areas of mangroves;
- Pleistocene red-brown silty sand in the north area of the site; and
- Proterozoic Gidley Granophyre bedrock.

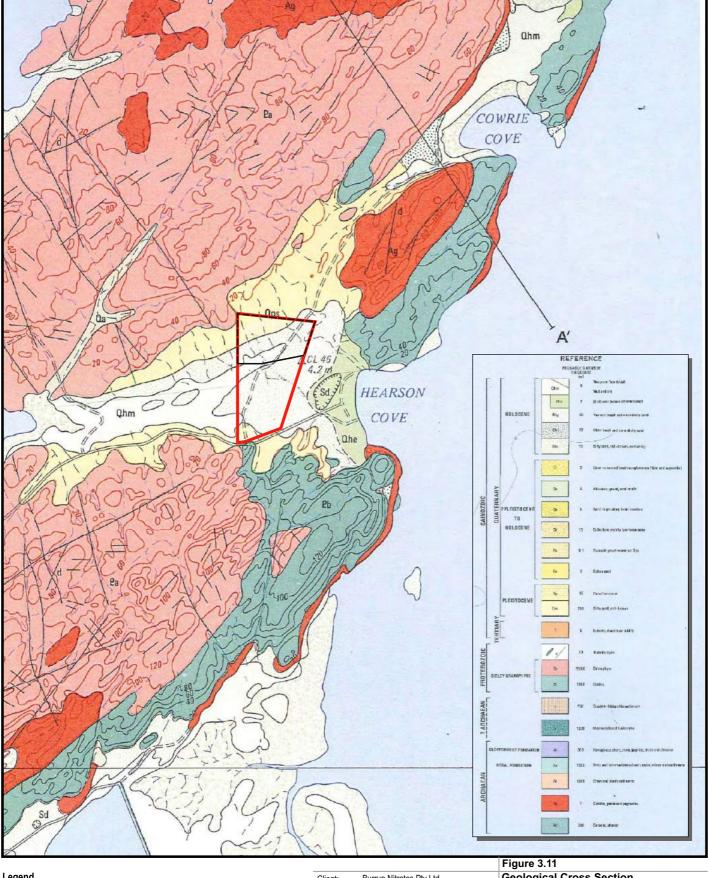
The geology of the Burrup Peninsula has been previously investigated by the Geological Survey of WA and has been described by O'Brien Planning Consultants (1994).

The Burrup Peninsula is composed mainly of an intrusive Proterozoic igneous rock outcrop known as the Gidley Granophyre, which is approximately 2,200 million years old. The main outcrop of Gidley

Granophyre occurs in the Dampier Archipelago and the adjacent mainland, along a basal unconformity of the Fortescue Group (Hickman, 1983).

The base of the intrusion consists of a differentiated coarse-grained gabbro and the main body is a fine-grained granophyre. The gabbro weathers to a dark brown and the granophyre to a lighter red-brown; both rock types are resistant to erosion and form aggregates of split boulder screes.

Rapid weathering of dolerite dykes that are also present has resulted in the formation of deeply incised, narrow valleys amongst the exposed granophyre bedrock, generally trending either south-west to north-east or west to east throughout the Burrup Peninsula.





Site D Boundary

Area of Disturbance 'The Site'

Burrup Nitrates Pty Ltd Client: Project: Hydrogeological & Hydrological Report 0086269p_Hydro_C004_R0.mxd Drawing Date: 3/08/2011 Drawing Size: A4 Drawn By: Reviewed By: SS Projection: GDA 1994 MGA Zone 50 Scale: Refer to scale bar 340 680 1,020m N

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Geological Cross Section

Environmental Resources Management Australia Pty Ltd Adelaide, Brisbane, Canberra, Hunter Valley, Melbourne, Perth, Port Macquarie, Sydney



The proposed TANPF site is located on Pleistocene red-brown silty sand and silts and mud of the supratidal flats between King Bay and Hearson Cove. The area is associated with a large weathered dolerite dyke along the King Bay Hearson Cove lineament. As a result there is less outcrop of the exposed granophyre bedrock in this area than in other areas of the Peninsula. The large areas of exposed granophyre bedrock outcrops are generally located towards the southern and northern boundaries of Site D.

Supratidal flats run through the southern section of the site and indicate a soil profile associated with a low energy marine depositional environment. The soil profile is largely comprised of sandy silts to silty sands generally brown to grey in colour with occasional variations including green, yellow and red mottling. The sediments are typically organically rich and often contain a thin veneer of shelly lenses.

The soils of the area are generally alkaline (ERM 2011) as a result of the high carbonate content originating from marine sands and underlying calcrete bedrock.

3.5.2 Site Geological Observations

The geology encountered during drilling at the site is presented as borelogs in *Annex D*. The general geological profile observed during drilling is summarised as:

- Silty or clayey sand: red brown, fine to medium grained, sub angular sand, poorly sorted with gravel being more frequent in the northern area of the site and occasional cobbles being present, extending from between 0.5 m and 4.0 m, overlying;
- Granophyre: Pale grey, generally weathered with rock becoming fresher and less fractured with depth extending to the maximum depth of 5.0 m.

Golder (2011) noted that the granophyre bedrock consisted of pale grey and dark grey, fine to medium sized crystals, which was distinctly weathered and generally becoming fresher with depth. The bedrock was locally fractured along thin iron-stained quartz seams, generally of high to extremely high strength, extending to a maximum depth of 15 m. Golder also noted dolerite in one borehole location which was used for geotechnical purposes only (BH04).

Geotechnical investigations in the north-east portion of the site (temporary lay down area) suggest the presence of silty sands of colluvial origin to depths of up to 2.3 m (Golder, 2011). The 1:50,000 geology map also indicates the presence of marine mud and silt intertidal flat deposits in the southern area of the site. These superficial deposits are typically underlain by well jointed fresh granophyre bedrock (Golder, 2011). In the vicinity of tidal flats in the central and southern areas of the site, sandy clays are more dominant in the upper unconsolidated profile (ERM 2011).

Overall the geology encountered during the site investigation is considered to be consistent with the geology identified during the desktop study. The additional geotechnical investigation completed by Golder (2011) is also noted to be consistent with the ERM field observations.

3.6 HYDROGEOLOGY

3.6.1 Regional Hydrogeology

There is little readily accessible groundwater on the Burrup Peninsula. Like much of the Pilbara, groundwater is predominantly located in fractured rock aquifers where it is stored in the fractures, joints, bedding planes and cavities of the rock mass.

The Hydrogeological Atlas (DoW website) indicates that the upper aquifer in this region is the low permeability, unconfined Pilbara Fractured Rock Aquifer that occurs in fractured and weathered dolerite, gabbro and ultrabasic intrusions in the region. Groundwater recharge to this aquifer is directly related to rainfall events where water infiltrates the fractures of the surface rock or infiltrates from surface water flows. These fractured rock aquifers are localised systems with little regional flow (DEC, 2006).

Hyper-saline groundwater typically occurs beneath supratidal flats and is, therefore, considered likely to be present in the southern part of the site and to the south-west and east of the site. The aquifer in the low-lying coastal soils and supratidal flats is reportedly tidally influenced and the groundwater is saline (SKM, 2001). The shallow aquifer in this region is categorised as a Level 1 aquifer which indicates it is shallow and present within superficial deposits which are likely to be unconfined.

3.6.2 Site Hydrogeology

The Hydrogeological Atlas (DoW website) suggests that the site is located on top of fractured and weathered dolerite, gabbro and ultrabasic intrusions which would form the localised unconfined, low permeability aquifer system referred to as the Pilbara Fractured Rock Aquifer. These descriptions are consistent with the observed geology at the site.

Groundwater investigations undertaken near the site by Soil & Rock Engineering (1999) and HLA-Envirosciences (1999) indicated that groundwater is generally shallow and was typically at a depth of between approximately 3.4 and 0.5 metres below ground level. The groundwater level is anticipated to be higher during spring tides and following significant rainfall events.

3.6.3 Groundwater Elevations

Regional Groundwater Elevations

A number of geotechnical investigations have been undertaken at the ammonia facility located to the immediate west of the proposed site. These have included the installation of several groundwater monitoring wells. Water elevations for these wells were not presented in the reports reviewed and are currently unavailable (Soil and Rock Engineering, 2003a; Soil and Rock Engineering, 2003b). However, it is likely that, regionally, groundwater elevations mimic topography and are likely to be higher beneath outcropping bedrock in the north, and slope to the south before potentially discharging to the salt marsh and intratidal area or to King Bay to the west. Hearson Cove to the east is also a potential discharge point.

Site Groundwater Elevations

Groundwater elevations recorded on 29 April 2011, 20 September 2011 and 28 February 2012 are presented in *Annex E, Table 1* and interpolated groundwater elevation contour maps are provided as *Figure 3.12, 3.13 and 3.14*.

Recorded depths to groundwater at the site ranged from 0.54 to 3.4 metres below top of casing (mbTOC), (MW5 and MW1 in February 2012, respectively) and the groundwater elevations at the site ranged from 1.99 mAHD at MW5 in September 2011 to 6.46 mAHD at MW1 in April 2011.

The inferred groundwater flow direction was consistent, and to the southeast, during the three monitoring rounds at the Site. Groundwater elevations generally mimicked surface topography. The estimated hydraulic gradient in April 2011 was 0.011 across the site and was noted to be slightly steeper in the north-west section of the site. The hydraulic gradient in September 2011 was 0.0096 and in February 2012 was 0.009, indicating that although slightly lower, the hydraulic gradient was relatively consistent during the three groundwater monitoring events.

The groundwater elevation data indicates that, on the scale of monitoring, there was limited variation in groundwater elevations at the site; overall, groundwater elevations did not vary significantly in the April 2011, September 2011 and February 2012 monitoring rounds. However, these were point measurements and variations in groundwater elevations at the site are likely to have occurred between these two monitoring events.

The groundwater elevation in MW1 was observed to be 0.6 m higher during April 2011 compared to the September 2011 and February 2012 monitoring events. This decline in groundwater elevation was not observed in the other monitoring wells present on site over the same time period.

During the geotechnical assessment by Golder (2011), groundwater elevations were monitored in several geotechnical wells during late January and early

February 2011. The results for BH01, BH05 and BH07 (see *Figure 2.1*) all showed a strong response to the significant rainfall events associated with Cyclone Bianca, with groundwater levels increasing by up to 1.7 m in response to 117 mm of rainfall, which could indicate a low specific yield in a fractured rock system (Golder, 2011). A delayed response was observed in the water level in BH01, in the north-west of the site, potentially indicating a lower density of interconnected fractures, whereas a rapid response was observed in BH05 and BH07 indicating the likely presence of an interconnected fracture network. The interpretation provided by Golder is consistent with the borelogs which indicated greater average defect spacing in BH01 than BH05 and BH07 (Golder, 2011).

Golder (2011) also completed tidal monitoring between 20 January and 3 February 2011 (Golder, 2011) which indicated that the groundwater beneath the central and western portion of the site (in the vicinity of BH01, BH05 and BH07) is not tidally influenced. Data after 26 January 2011 was not assessed due to the likely influence of the significant rainfall event associated with Cyclone Bianca. The results were reportedly inconclusive with regard to neap tidal cycles, due to the short monitoring interval.





Site D Boundary

Area of Disturbance 'The Site'

Monitoring Well Locations

-3:5 Groundwater Contour (mAHD)

(3.5) Groundwater Elevation (mAHD)

Water Course

Saline Coastal Flat

Client:	Burrup Nitrate:	s Pty Ltd						
Project:	Hydrogeological & Hydrological Report							
Drawing	0086269p_Hy	0086269p_Hydro_G005_R0.mxd						
Date:	16/04/2012 Drawing Size: A4							
Drawn By:	DN	Reviewed By: SS						
Projection:	GDA 1994 MG	A Zone 50						
Scale:	Refer to scale	bar						
O	0 90	180 270m						

Maps and figures contained within this document may be based on third party data, may not be to scale and is intended for use as a guide only. ERM does not warrant the accuracy of any such maps or figures.

Figure 3.12 Inferred Groundwater Contour Plan -April 2011

Environmental Resources Management Australia Pty Ltd Adelaide, Brisbane, Canberra, Hunter Valley, Melbourne, Perth,Port Macquarie, Sydney







Site D Boundary

Area of Disturbance 'The Site'

-3:5 Groundwater Contour (mAHD)

Monitoring Well Locations

(3.5) Groundwater Elevation (mAHD)

Water Course

Saline Coastal Flat

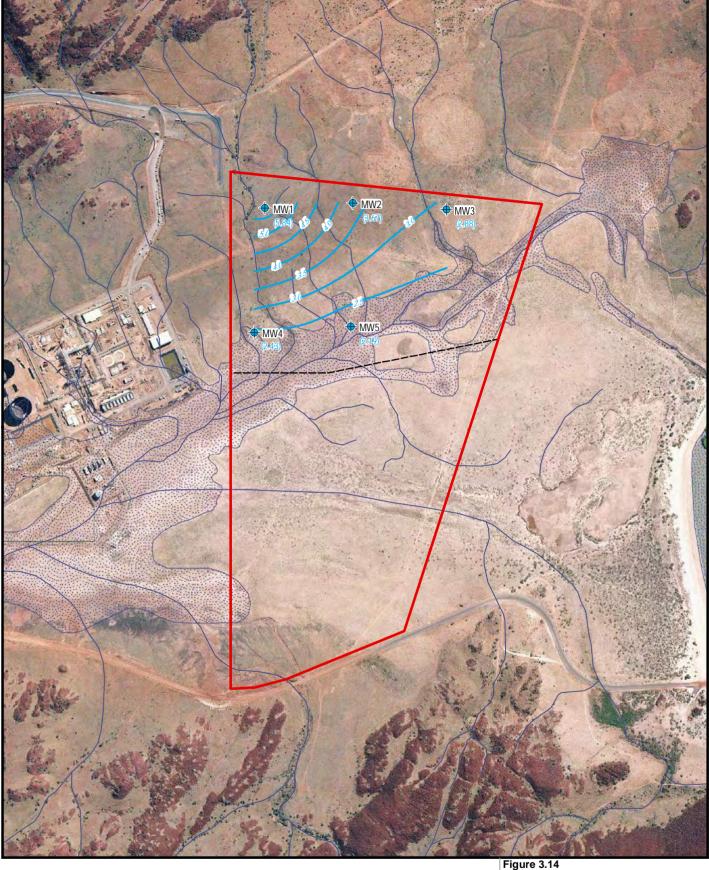
Client:	Burrup Nitrates Pty Ltd							
Project:	Hydrogeological & Hydrological Report							
Drawing	0086269p_Hyd	0086269p_Hydro_G010_R0.mxd						
Date:	16/04/2012 Drawing Size: A4							
Drawn By:	DN	Reviewed	By: SS					
Projection:	GDA 1994 MG	A Zone 50						
Scale:	Refer to scale	bar						
↑	0 90	180 2	70m					

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Figure 3.13 Inferred Groundwater Contour Plan -September 2011

Environmental Resources Management Australia Pty Ltd Adelaide, Brisbane, Canberra, Hunter Valley, Melbourne, Perth,Port Macquarie, Sydney







Site D Boundary

Area of Disturbance 'The Site'

Groundwater Contour (mAHD)

Monitoring Well Locations

(3.5) Groundwater Elevation (mAHD)

Water Course
Saline Coastal Flat

Client:	Burrup	Burrup Nitrates Pty Ltd						
Project:	Hydrog	Hydrogeological & Hydrological Report						
Drawing	008626	69p_Hyd	lro_G011_F	R0.mxd				
Date:	16/04/2	16/04/2012 Drawing Size: A4						
Drawn By:	DN		Revie	ewed By: S	SS			
Projection:	GDA 1	994 MG	A Zone 50					
Scale:	Refer t	o scale l	oar					
Ω	0 90 180 270m							
N								

Maps and figures contained within this document may be based on third party data, may not be to scale and is intended for use as a guide only. ERM does not warrant the accuracy of any such maps or figures.

Figure 3.14 Inferred Groundwater Contour Plan -February 2012

Environmental Resources Management Australia Pty Ltd Adelaide, Brisbane, Canberra, Hunter Valley, Melbourne, Perth,Port Macquarie, Sydney



Aquifer Physical Parameters

Little desk-based information on the likely aquifer parameters in the region of the site is currently available; therefore site-specific data collected during the site investigation constitutes the principal means of evaluating hydrogeological parameters for the site.

Field Observations

During groundwater sampling (April 2011), MW1 – MW3 (see *Figure 2.1*) were all considered to have low to medium water level recovery rates, which appears consistent with the aquifer (Pilbara Fractured Rock Aquifer) in which the wells are screened. MW5 (see *Figure 2.1*) is screened in superficial Quaternary sediments and were observed to have good to moderate recovery rates during sampling. MW4 is screened across the basement rock and the overlying Quaternary sediments. The field observations are considered to be consistent with literature data for fractured rock aquifers and unconsolidated superficial sands, silts and clays.

Slug Testing Results

Slug tests were completed prior to conducting the groundwater monitoring event to assess the site-specific hydrogeological properties, however due to equipment failure and flooding at the site no results were obtained during the April 2011 visit.

Twenty nine slug tests were successfully completed at the five monitoring wells during the subsequent September 2011 and February 2012 visits. AqtesolvTM was used to complete the analysis of the slug test data. Several solution methods were used to assess the potential range of hydraulic conductivity values. Slugtest analyses and a table of the results are presented in *Annex H. Table 3.4* below provides a summary of these results.

Table 3.4 Summary of Slug Test Results

	lic Conductivi	ity, K (m/day)	
3.61. 1		J	
Minimum	Median	Maximum	Solution Method
2x10-1	2x10-1	3x10 ⁻¹	BR1/H2
$2x10^{0}$	$2x10^{0}$	$3x10^{0}$	BR/H/KGS ³ /Dega
			n
6x10 ⁻¹	8x10 ⁻¹	$1x10^{0}$	BR/KGS
$2x10^{0}$	$3x10^{0}$	$7x10^{0}$	BR/KGS
$5x10^{0}$	$7x10^{0}$	$1x10^{1}$	BR/H/KGS
	2x10 ⁻¹ 2x10 ⁰ 6x10 ⁻¹ 2x10 ⁰	2x10 ⁻¹ 2x10 ⁻¹ 2x10 ⁰ 2x10 ⁰ 6x10 ⁻¹ 8x10 ⁻¹ 2x10 ⁰ 3x10 ⁰	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

¹ BR - Bouwer-Rice Solution

² H - Horslev Solution

Hydraulic Conductivity, K (m/day)

³ KGS - KGS Method (Hyder, et al. 1994)

The Bouwer-Rice (1976) and Hvorslev (1951) methods, which are straight line solutions, showed a reasonable comparison for the same data sets; however the Hvorslev solution which is for a confined aquifer generally resulted in higher estimated hydraulic conductivities. The Degan solution (straight line solution) was also used for comparative purposes and was found to provide similar results to the Bouwer-Rice and Hvorslev solutions. The KGS (1994) solution which is a curve matching solution also resulted in similar values to the straight line methods. Overall, the hydraulic conductivity values from the different methods were within a factor of 2 to 3, with the highest hydraulic conductivity values estimated from MW5 (5×10^{0} to 1×10^{1} m/d) in the supratidal flats, and the lowest values estimated from MW1 ($2 - 3 \times 10^{-1}$ m/d), located in bedrock, higher in the catchment .

Sensitivity Analysis

The sensitivity of the results was assessed by varying the estimated saturated thickness of the aquifer and the slope or curve of the match line. These results indicated that as the aquifer thickness was increased (in this instance a 5 m increase in aquifer thickness was used) the resultant hydraulic conductivity was slightly lower. Varying the slope or curve to incorporate later time data (after the water level had stopped oscillating in some wells such as MW4, February 2012) also lowered the estimated hydraulic conductivity values.

To assess the likely variation in hydraulic conductivity due to variation in the vertical and horizontal directions (anisotropy), the anisotropy ratios were varied for tests completed in MW5. MW5 is installed in Quaternary sediments; therefore the hydraulic conductivity in the horizontal direction is likely to be higher than in the vertical direction. Changing the anisotropy ratio to 0.1 for MW5 increased the hydraulic conductivity results by approximately 25%, for example from approximately 7.5 m/day to approximately 9.5 m/day.

Overall, the results of the sensitivity analyses were within the same range as the results of the primary analyses.

Comparison with Existing Data

Golder (2011) also completed slug tests at BH01, BH05 and BH07 (see *Figure 2.1*) as part of their geotechnical assessment. Higher hydraulic conductivities were measured in BH05 and BH07 (0.2 and 0.5 m/day respectively) which was considered by Golder to be consistent with the observed highly fractured zones within the granophyre. BH01 had a lower hydraulic conductivity (0.01-0.001 m/day) consistent with the field observations of the average defect spacing being above 100 mm (Golder, 2011).

The results for BH05 and BH07 (Golder, 2011) are considered to be consistent with the results from MW1 and MW3 which are also installed in the granophyre. The estimated hydraulic conductivity values from MW2 $(2-3x10^0 \text{ m/d})$ were higher than in the other granophyre wells; however, this is considered to reflect the natural variability of fracture occurrence and interconnectivity in the shallow fractured granophyre.

Summary

Overall the results indicated that the hydraulic conductivity value of the Quaternary sediments in the southern area of the site is likely to be higher (5-10 m/d) than in the fractured bedrock in the northern area of the site (0.001-3 m/d).

Slug tests, however, test only a small portion of the aquifer directly adjacent to the screened portion of the well, therefore conditions in other areas of the site may vary from the values presented here and in Golder (2011).

Literature Review

A review of relevant literature sources indicates that typically fractured rock aquifers have porosity ranges of between 5 and 50% (Kruseman & de Ridder, 1994) dependant on the frequency and width of the fractures. The hydraulic conductivity of fractured rock aquifers is typically reported as being between almost 0 and 1000 m/day, again dependant on the frequency, width, orientation and connectivity of the fractures. Specific yield in fractured rock aquifers is typically less than 0.05 (5%) due to most of the water being contained within fractures and the rock mass only having a very limited storage capacity.

The overlying superficial aquifer was observed to contain silts, sands and gravels in varying proportions and within various horizons. Unconsolidated aquifers typically have porosity values ranging between 10 and 50% depending on the proportions of finer grained materials. Hydraulic conductivity values typically range between 0.001 and 5 m/day, again dependant on the relative quantities and distribution of the fine grained materials.

3.6.4 Groundwater Discharge and Recharge

Groundwater flow rates can be determined by using a modified version of Darcy's Law such that:

$$V = (K * i)/n$$
 (Equation 1)

Where:

V = groundwater flow velocity (m/day).

K = hydraulic conductivity (m/day).

i = groundwater gradient parallel to groundwater flow (m/m).

 n_e = effective porosity (dimensionless).

Figure 3.15 Estimated Groundwater Flow Rates

	MWs 1, 2, 3	MW4 and MW5
Geological Unit	Granophyre	Quaternary Sediments
Hydraulic Gradient (m/m)	0.009	0.001^{1}
Estimated Minimum K ² (m/day)	0.001	2
Estimated Maximum K (m/day)	3	10
Assumed Effective Porosity (ne)	0.1	0.2
Estimated Velocity Range (m/day)	0.0001-0.3	0.01-0.05

¹ Assumed hydraulic gradient within supratidal flats

The estimated groundwater flow rate results vary over a significant range due to the observed heterogeneity within the geological formations at the Site and the variability in hydraulic gradient that is likely to apply in the granophyre bedrock and in the sediments of the supratidal flats.

Based on groundwater elevation data from the site, groundwater appears to be being recharged predominately from the bedrock that crops out to the north of the site. Rainwater that infiltrates the fracture system within the bedrock will then discharge into the supratidal flat and the salt marsh areas prior to discharging to King Bay to the west. It is possible that some groundwater may ultimately discharge to Hearson Cove; however, insufficient local data is available at present to assess the potential discharge areas.

3.6.5 Groundwater Use

The primary water supplies for this area include the:

- West Pilbara Water Supply Scheme, which obtains water from outside the local area from Harding Dam (surface water) and the Millstream Aquifer (groundwater); and
- Burrup seawater supply scheme and desalination plant, which provides seawater and desalinated water to industry on the Burrup Peninsula, with the water sourced from King Bay.

These water sources indicate that local groundwater is unlikely to be used in significant volumes.

The Hydrogeological Atlas (DoW website) does not indicate the presence of water supply wells within and around the proposed site. This may be due to a limitation of the hydrogeological atlas system within WA. As such it is not

² K - Hydraulic Conductivity

currently known if any water supply wells (of any type) are located within the vicinity of the site. However, given the scarcity of development in this area it is likely that any water wells are located some distance away from the site and are unlikely to be impacted by any temporary dewatering associated with plant construction.

3.6.6 Groundwater Quality

Regional Data

The Hydrogeological Atlas (DoW website) represents a regionally based characterisation of the groundwater quality and indicates that the groundwater salinities within this area are likely to range between 1,000 and 3,000 mg/L.

Groundwater yields and quality within this area are currently not well delineated; however, given the lithology of the area, they are expected to be low, consistent with field observations at the site. Although not assessed directly, the potential receiving water bodies for groundwater discharge in this area are considered to be the supratidal flats, King Bay, and potentially, Hearson Cove.

Analysis of potential contaminants indicates that no hydrocarbons or organic compounds were detected in groundwater from the area (HLA-Envirosciences, 1999). Concentrations of metals and sulphate, and pH values were measured prior to the construction of the BFPL plant, and were found to be within regulatory guidelines, with sulphates concentrations being marginally higher than normal background concentrations (HLA-Envirosciences, 1999).

Total dissolved solids (TDS) concentrations in groundwater from the supratidal flats were about 77,000 mS/cm (HLA-Envirosciences, 1999) which is greater than the TDS concentration for seawater (40,000 - 50,000 mS/cm). This is typical of supratidal environments which are subject to greater evaporation rates.

Site Data

The field parameters measured during the groundwater sampling completed in late April 2011, September 2011 and February 2012 are presented in *Annex E, Table 2* and are summarised as follows:

 pH values were generally neutral in groundwater from all wells sampled, and ranged between 6.55 and 7.64. This was within the range of acceptable values specified in the ANZECC, 2000 drinking water guidelines;

- electrical conductivity (EC) values ranged between 2,510 μ S/cm (MW1) and 16,000 μ S/cm (MW3), however it is considered likely that the EC probe exceeded the measurable maximum concentration at MW5;
- dissolved oxygen (DO) values ranged between 1.8 mg/L (MW5) and 4.7 mg/L (MW1). This range is considered to be typical of groundwater, which generally has lower values than surface water;
- temperature ranged between 27 and 32.6 °C; and
- redox potential (Eh) ranged between -100 mV, which is indicative of reducing conditions and 289 mV, which is indicative of oxidising conditions.

Although the measured field parameters varied slightly between monitoring rounds, seasonal variation does not appear to have a significant effect on the groundwater quality at the Site.

The groundwater sampling analytical results are presented in *Annex E* and Tables 3, 4 and 5; *Annex F* presents the laboratory reports. While there is no requirement to screen groundwater results for this baseline study, a summary is provided below comparing results against guidelines to provide an indication of groundwater quality. General observations are as follows:

- chromium (hexavalent) (MW5, 0.01 mg/L, April 2011) was measured in groundwater at a concentration above the threshold criterion (0.0044 mg/L). Analysis for chromium (hexavalent) was not completed during the September 2011 and February 2012 monitoring rounds;
- zinc was present in groundwater from MW1 and MW3 at concentrations above the threshold criteria of 0.015 mg/L (protective of 95% of marine water species, WA DEC 2010) in all three sampling rounds. Groundwater from MW2 and MW4 also contained zinc at concentrations above the criterion in the September 2011 and February 2012 monitoring rounds;
- sulphate was present in groundwater at concentrations (MW3, maximum 940 mg/L and MW5 maximum 5,200 mg/L) exceeding the Australian drinking water guidelines (500 mg/L) (NHMRC, 2004);
- chloride was present in groundwater from some wells at concentrations (MW3, maximum 5,400 mg/L, MW4, maximum 3,900 mg/L and MW5, maximum 87,000 mg/L) exceeding the DoH 2006 domestic non-potable groundwater guidelines (2,500 mg/L);
- nitrate as NO₃- was present in at concentrations that exceeded the ANZECC 2000 95% guideline (0.7 mg/L as NO3) in groundwater from all five monitoring wells during the February 2012 monitoring event (MW1, maximum 8.7 mg/L). Nitrate was not measured during the first two monitoring rounds;

- total recoverable hydrocarbon (TRH) (C_{10} - C_{14}) was measured in groundwater from MW5 at 81 $\mu g/L$, however no guideline value is available as a comparison;
- all other analytes measured either had no threshold criteria or were below the relevant guidelines; and
- dissolved major cations and anions concentrations varied across the site, with combined totals ranging from 2,000 mg/L in groundwater from MW1 to 130,000 mg/L in groundwater from MW5. These combined totals are indicative of total dissolved solids concentrations and indicate that the groundwater is not of potable water quality. The elevated concentrations in groundwater from MW5 are consistent with evaporation / evapotranspiration in the supratidal flat environment.

Overall, the field chemical parameters and analytical results indicate that the water quality is not suitable for drinking water purposes due to the high salt content.

Vegetation identified during the 2009 survey is considered to be consistent with the groundwater geochemistry noted during this investigation; salt tolerant species were identified in the south-eastern areas of the site which are supratidal flats characterised by high groundwater and soil salinity.

Piper plots presented in *Annex G* indicate that the water quality varies between MW1 and MW2, which are located on the up hydraulic gradient side of the site, and MW3, MW4 and MW5 which are located further down hydraulic gradient; however, in all samples, the groundwater remains dominated by sodium and chloride. The three data sets from April 2011, September 2011 and April 2012 show good correlation with all three showing variation in groundwater chemistry dependant on the monitoring wells locations. This observed variation in geochemistry is consistent the presence of the supratidal flats in the south of the site. Seawater inundation and groundwater discharge by evaporation and evapotranspiration in the supratidal flat area would concentrate chloride in groundwater in the south of the site, while groundwater in the northern area is recharged by precipitation and therefore has lower salinities and higher HCO₃/Cl ratios. This variation in geochemistry does not indicate the presence of two distinct and unconnected aquifer systems as the water table intersects the different hydrogeological settings.

3.7 DEWATERING

ERM understands that cut and fill earthworks will be required at the site to level the site to approximately 5.5 mAHD. Following review of the groundwater levels measured in January 2011 during well installation works, April 2011, September 2011 and February 2012, the requirement for

dewatering is likely to be dependent on the frequency and volume of rainfall prior to and during ground works and construction.

Golder (2011) report that based on their geotechnical investigation minimal to no active dewatering should generally be required during construction, other than after cyclonic rainfall events when groundwater elevations may rise above the base of excavation which is understood to be 2.5 m AHD (Golder, 2011). The time period for groundwater to return to pre-cyclone levels is unknown, however groundwater levels observed in April 2011 were noted to be generally elevated when compared to January 2011 data. It should be noted, however, that no direct comparison can be made between groundwater elevations from BH01, BH05, BH07 and MW1-MW5 as the data were collected at different times.

4 POTENTIAL IMPACTS & MANAGEMENT MEASURES

Based on the hydrological and hydrogeological investigations, the key potential impacts associated with the development are discussed below.

4.1 SITE LEVELS AND FLOODING

Flooding is a potential risk to the development and warrants careful consideration. The modelling undertaken by Golder (2001) predicts a maximum water surface level of 5.6 mAHD for storm events with recurrence intervals ranging from 10 to 100 years. However, this value may be an overestimate. The KSSIS (BoM, 1996) predicts maximum water surface levels in the vicinity of the site of 5.0 mAHD based on a 100-year return interval. Based on the information available, ERM considers that this is a more reliable estimate.

The final site level proposed for the TANPF is 5.5 mAHD and, as such, is located above the 100 year ARI storm surge level predicted in the KSSIS (BoM, 1996).

Filling of the site for construction of the TANPF will reduce the flood storage capacity of the supratidal flats to the south. This could affect flood levels both onsite and in adjacent areas during flood events, and may be particularly pronounced during extreme rain events and high catchment runoff. Increasing the level of the site could help prevent impacts associated with this, though further investigations would be required (see *Section 4.2*).

4.2 STORMWATER DIVERSION CONSIDERATIONS

The proposed TANPF site can experience significant stormwater run-on from the north. This is likely to comprise a combination of sheet flow as well as concentrated flow within defined drainage lines. There are at least three prominent intermittent watercourses (gullies) that intersect the site's northern boundary.

Suitable diversion works should be constructed to collect and convey upslope clean stormwater around and/or through the development site and to the low lying supratidal flats in the south. This is necessary to minimise the risk of inundation and stormwater damage to infrastructure, and will also be important for water quality control both during construction and when the TANPF site is operational. Preventing mixing of clean and potentially contaminated stormwater at the TANPF site will be an important component of the water management plan.

A possible solution to managing stormwater is construction of a drain along the northern side of the development, close to the property boundary, that captures and drains upslope stormwater to the east and around the development site. Similar drains may be required to convey stormwater around the western and eastern boundaries.

These drains should be designed to convey stormwater flows and remain stable (i.e. erosion resistant) in flows up to the 100-year ARI storm event. Golder (2011) have undertaken preliminary sizing of the perimeter drains; however, detailed design will be required, which includes the design of channel stabilisation, selecting the preferred location and alignment based on local topography, and design of outlet structures.

Consideration should also be given to the impact of the proposed development on the flood conveyance capacity of the supratidal flats, which the proposed development is currently planned to partially fill. It may be necessary to construct additional waterway capacity to manage local catchment peak flows as well as to prevent an unacceptable increase in flooding hazard both at the subject site and on surrounding lands. HEC-RAS modelling has been undertaken by Golder (2011) although the implications of this modelling require further consideration. It is recommended that the modelling be extended to assess the relative increase in flood magnitude, frequency and flow velocities caused by filling the floodplain. This should be undertaken in isolation of storm surge influences to gain a true picture of impacts on local catchment drainage. Issues to be considered should include:

- impacts on surrounding land, ecosystems and developments (both existing developments and any proposed or foreseen developments within the area);
- assessment of compliance with relevant legislation and flood planning controls;
- impacts on groundwater conditions (quality and levels) and soil salinity; and
- review of mitigation options to reduce any identified impacts.

5.1 HYDROLOGICAL ASSESSMENT

A desktop assessment and field investigation were completed to develop a preliminary conceptual understanding of the hydrology and hydrogeology of the site so that key potential impacts of the proposed TANPF development on surrounding groundwater and surface water features could be identified.

With respect to surface waters, the proposed TANPF intersects a number of ephemeral watercourses which drain the slopes to the north. Diversion of these flows will be required. A suitable option would be construction of diversion drains along the northern, western and eastern perimeters of the site. Peak flows for the affected catchments have been calculated for rain events with recurrence intervals ranging from two to 50 years, and should be used to design any new diversion structures.

Flood modelling undertaken by Golder (2011) indicates that water levels would rise to approximately 5.6 m AHD due to storm surge in a 100 year return interval event. This exceeds the proposed site level of 5.5 m AHD suggesting that some parts of the site could be inundated in such an event. However, ERM's review of the Golder (2011) modelling suggests the data may be unreliable, with the maximum storm surge height used by Golder (2011) not being well explained or justified. In particular, questions are raised relating to the designated downstream water level (5.6 m AHD). ERM believes this value may overestimate the potential storm surge levels. It is recommended that the client discuss these issues with Golder and if necessary, the modelling should be revised.

ERM has estimated 24-hour detention requirements for site-generated stormwater, for both clean and dirty stormwater catchments, for one to 100 year ARI storm events. For the clean water catchment with an estimated area of 2.1 hectares, the 24-hour detention volumes are approximately 6.8 ML for a 50-year ARI event and 8.3 ML for a 100-year ARI event. For the dirty water catchment with an estimated area of 0.6 hectares, the 24-hour detention volumes are approximately 1.9 ML for a 50-year ARI event and 2.4 ML for a 100-year ARI event. The proposed ponds should be of sufficient capacity to accommodate the predicted volumes generated, if managed appropriately.

5.1.1 *Uncertainties - Hydrology*

Several uncertainties still exist with respect to the potential flood risk, requirements for stormwater detention and the interactions between surface and groundwater at the site. As indicated above, ERM has identified the use of the 5.6 mAHD storm surge and maximum tide water level by Golders in the flood modelling may be over-estimating the likely peak flood levels.

Consultation with Golder is recommended to address this issue and if necessary, the modelling should be revised.

The modelling undertaken to date does not appear to assess potential impacts associated with filling of the floodplain to allow for the construction of the site. A review of the HEC-RAS model developed by Golder should be undertaken to quantify this issue. If the impacts are significant, the following flood mitigation measures may need to be developed:

- flood planning for existing and proposed developments;
- infrastructure designed with consideration to flood levels;
- structures such as retention basins and/or floodways; and
- creating additional waterway capacity.

Short term (24-hour) runoff volumes from the developed site have been calculated; however, further liaison with relevant government agencies would be required to determine detention requirements for compliance with industry best practice guidelines and any conditions of consent. Detention requirements may be greater for dirty water than clean water catchments, due to the increased pollution risks and the greater detention times required to achieve effective water treatment and any discharge targets.

Golder (2011) indicated that the estimated flood velocities were likely to be low and erosion would likely be negligible, however the use of rip-rap for erosion control and improved stability along the southern side of the TANPF was still recommended. This is considered to be an uncertainty by ERM and further discussions are warranted following release of design criteria for the stormwater management system.

Detailed design of the stormwater management system is still to be undertaken. It is expected that this would address, among other things:

- stormwater treatment measures to prevent adverse impacts on the quality of receiving waters (groundwater and surface water);
- use of stormwater detention structures to minimise the potential increase in site stormwater peak flows bought about by the increase in impervious surfaces and installation of hydraulically efficient stormwater drainage infrastructure;
- opportunities for stormwater capture and reuse; and
- design of and specification of discharge limits for any stormwater discharge locations, including design of outlet structures that minimise potential for offsite impacts such as flooding and erosion.

5.2 HYDROGEOLOGICAL ASSESSMENT

The average groundwater elevations across the site were 3.6 mAHD in late April 2011, and 3.4 mAHD in September 2011 and February 2012. The inferred groundwater flow direction was to the south-easterly direction across the portion of the site proposed to be developed during all three monitoring events. The hydraulic gradient was noted to be slightly steeper in the northwest than in the south of the site and groundwater elevation was generally noted to mimic surface topography.

Groundwater elevations observed in April 2011 had risen significantly from those observed during installation of the monitoring wells and the geotechnical assessment reported that groundwater elevation showed a strong response to the significant rainfall events associated with Cyclone Bianca. A significant decrease in groundwater elevation (from 6.46 to 5.86 mAHD in MW1) in the north-western area of the site was observed between the April 2011 and the September 2011 monitoring events.

Tidal monitoring completed as part of the geotechnical assessment indicated that groundwater in bedrock beneath the central and western portion of the site is unlikely to be tidally influenced.

Geochemical parameters indicate that the water quality is variable across the site, predominantly resulting from groundwater recharge on the hills where the granophyre crops out and from groundwater discharge due to evaporation and evapotranspiration in the supratidal flats in the south of the site. Based on the groundwater elevation and chemistry assessment it is considered likely that groundwater in the granophyre and the supratidal flats is connected, with the water table intersecting the different hydrogeological settings.

Vegetation identified during the 2009 survey is considered to be consistent with the groundwater geochemical results recorded during this investigation; salt tolerate species were identified in the south-eastern areas of the site which are considered to be supratidal flats with high soil and groundwater salinity levels.

5.2.1 *Uncertainties - Hydrogeology/Groundwater*

Several uncertainties still exist with respect to the condition and presence of groundwater at the site.

Although groundwater was observed during the monitoring period in April 2011 to be below the anticipated depth of excavation for the TANPF, it is also noted that during and following Cyclone Bianca significant groundwater elevation rises were observed; however the monitoring frequency over that period was insufficient to establish the maximum groundwater elevations that occurred in response to the cyclone. The duration of monitoring after the cyclone has also been insufficient to assess whether groundwater elevations have decreased compared to pre-cyclone conditions. Further information is

required to assess the persistence of elevated groundwater levels to assist with determining the need for dewatering at the site during construction.

Uncertainties are also present with respect to the available tidal monitoring data. The duration of the test period is considered insufficient to draw conclusions with respect to the influence of neap or spring tides at the site and the effect this may have on groundwater elevations in the supratidal flats at the site.

Although dewatering is not at this time considered likely at the site, should this change in future, further information on the likely effects of dewatering and saline intrusion will be required. The potential impact of discharge of groundwater from dewatering on the local groundwater quality is also unknown at this time.

Requirements for the assessment and management of groundwater at the site were formally conditioned in Ministerial Statement No. 870 published on 7 July 2011. Condition 8 of the ministerial approval indicates that detailed hydrogeological studies shall be commenced at least 12 months prior to the commencement of construction to quantify groundwater quality, groundwater flow directions, and the depth to groundwater beneath the TANPF site and in surrounding areas. It is considered that the preliminary data collected at the site is sufficient to discharge Condition 8-1, however that uncertainties with regard to dewatering requirements remain.

6 RECOMMENDATIONS

Based on the preliminary assessments completed and the uncertainties presented above, the following recommendations are made for further hydrological and hydrogeological assessment:

- Further detailed design is required of upslope clean water diversion drains;
- Review flood modelling to address uncertainties with respect to assumed downstream water levels;
- Conduct additional flood modelling to assess the relative increase in flood magnitude, frequency and flow velocities caused by filling the floodplain.
 Related issues to be addressed include:
 - assess impacts on surrounding land, ecosystems and developments (both existing developments and any proposed or foreseen developments within the area);
 - assess impacts on groundwater conditions (quality and levels) and soil salinity;
 - assess compliance with relevant legislation and flood planning controls;
 and
 - review of mitigation options to reduce potential impacts.
- Determine onsite stormwater detention requirements for clean and dirty water catchments based on final site design and development conditions;
- Prepare stormwater management plans that address the management of clean and dirty stormwater, including any discharge procedures and water quality targets;
- If dewatering is to be considered for the site, pumping tests and assessment of groundwater elevation and quality in nearby observation bores should be conducted; and
- As part of detailed design, develop management plans for control of potential sources of on-site contamination. Such sources might include water, chemical and fuel storage facilities, waste water treatment facilities, and water and waste discharge processes.

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Annex A

Photo Logs



Photograph 1

Monitoring Well MW5 near southern flood pan. Staining on standpipe indicates height of flooding at this location after heavy rainfall.



Photograph 2

View from southern boundary of site (facing North) illustrating presence of standing water in southern flood pan during May groundwater investigation.



Photograph 3

Monitoring Well MW4 located in the south western corner of the Site. Evidence of flood levels were visible on standpipe





Photograph 4

Evidence of flooding and standing water in the vicinity of SB3 (located near centre of Site).



Photograph 5

Evidence of flooding and standing water in the vicinity of SB4 (located slightly east of proposed development location).



Photograph 6

View west, taken from centre of Site indicating general ground cover.





Photograph 7

Photograph taken from south western corner of site looking towards centre. Evidence of flooding is indicated on the rock wall pictured.



Photograph 8

Photo graph illustrating standing water present in southern portion of the Site at the time of the May groundwater investigation.



Photograph 9

Photograph from eastern boundary of Site indicating Site topography.



Photographs from May 2011

Annex B

Calculation Spreadsheets

Burrup Peninsula, WA - IFD Chart

20.625 S 116.8 E Location: RUSLE R-factor = 1828

Simple			l (r	nm/hr) for ARI (yrs)		
Time	1 Year	2 years	5 years	10 years	20 years	50 years	100 years
5 mins	79.2	107	159	194	237	298	346
6 mins	73.8	100	149	181	222	279	325
10 mins	60.1	81.9	123	150	185	233	273
20 mins	44.3	60.6	92.1	113	140	178	209
30 mins	36	49.4	75.7	93.7	116	148	174
1 hr	23.8	32.9	51.3	64	80.1	103	122
2 hrs	14.6	20.4	32.6	41.3	52.2	67.9	81
3 hrs	10.8	15.1	24.6	31.4	40	52.5	62.9
6 hrs	6.31	8.94	15	19.4	25	33.4	40.4
12 hrs	3.79	5.4	9.25	12.1	15.8	21.2	25.9
24 hrs	2.39	3.4	5.85	7.69	10	13.5	16.5
48 hrs	1.51	2.15	3.67	4.81	6.26	8.42	10.3
72 hrs	1.1	1.57	2.69	3.52	4.57	6.15	7.5

721113		1.37	2.09	3.32	4.37	01.10	1.5
Extended			1/2	nm/hr) for ARI (uro)		
	1	2	5	10		50	100
Time (mins)		2			20		
5	79.2	107.4	159.4	193.7	237.1	297.6	346.3
6	73.8	100.1	148.8	181.2	222.1	279.0	324.8
7	69.4	94.3	140.6	171.4	210.2	264.4	308.1
8	65.8	89.5	133.7	163.3	200.5	252.5	294.4
9	62.8	85.5	127.9	156.4	192.2	242.3	282.8
10	60.1	81.9	122.9	150.4	185.0	233.4	272.6
11	57.8	78.8	118.4	145.0	178.6	225.5	263.5
12	55.7	76.0	114.4	140.3	172.8	218.4	255.4
13	53.9	73.5	110.8	135.9	167.6	212.0	248.0
14	52.1	71.2	107.5	131.9	162.8	206.1	241.2
15	50.6	69.1	104.4	128.3	158.3	200.6	234.9
16	49.1	67.2	101.6	124.9	154.2	195.5	229.1
17	47.8	65.3	99.0	121.8	150.4	190.8	223.6
18	46.5	63.7	96.5	118.8	146.9	186.4	218.5
19	45.4	62.1	94.2	116.0	143.5	182.2	213.7
20	44.3	60.6	92.1	113.4	140.3	178.3	209.2
21	43.2	59.2	90.1	111.0	137.4	174.6	204.9
22	42.2	57.9	88.1	108.7	134.5	171.1	200.8
23	41.3	56.6	86.3	106.5	131.9	167.7	197.0
24	40.4	55.5	84.6	104.4	129.3	164.6	193.3
25	39.6	54.3	82.9	102.4	126.9	161.5	189.8
26	38.8	53.2	81.3	100.5	124.6	158.7	186.5
27	38.1	52.2	79.8	98.7	122.4	155.9	183.3
28	37.3	51.2	78.4	96.9	120.3	153.3	180.2
29	36.6	50.3	77.0	95.3	118.2	150.7	177.3
30	36.0	49.4	75.7	93.7	116.3	148.3	174.5
31	35.3	48.5	74.4	92.1	114.4	146.0	171.8
32	34.7	47.7	73.2	90.7	112.6	143.7	169.2
33	34.1	46.9	72.1	89.2	110.9	141.6	166.7
34	33.6	46.2	70.9	87.9	109.2	139.5	164.3
35	33.0	45.4	69.8	86.6	107.6	137.5	161.9
36	32.5	44.7	68.8	85.3	106.1	135.6	159.7
37	32.0	44.0	67.8	84.1	104.6	133.7	157.5
38	31.5	43.4	66.8	82.9	103.1	131.9	155.4
39	31.0	42.7	65.9	81.7	101.7	130.1	153.4
40	30.6	42.1	64.9	80.6	100.4	128.4	151.4
41	30.1	41.5	64.1	79.5	99.1	126.8	149.5
42	29.7	40.9	63.2	78.5	97.8	125.2	147.7
43	29.3	40.4	62.4	77.5	96.6	123.7	145.9
44	28.9	39.8	61.6	76.5	95.4	122.2	144.2
45	28.5	39.3	60.8	75.6	94.2	120.7	142.5
46	28.1	38.8	60.0	74.6	93.1	119.3	140.8
47	27.8	38.3	59.3	73.7	92.0	117.9	139.2
48	27.4	37.8	58.6	72.9	90.9	116.6	137.7
49	27.1	37.3	57.9	72.0	89.9	115.3	136.2
50	26.7	36.8	57.2	71.2	88.9	114.0	134.7
51	26.4	36.4	56.5	70.4	87.9	112.8	133.3
52	26.1	36.0	55.9	69.6	86.9	111.6	131.9
53	25.8	35.5	55.2	68.9	86.0	110.4	130.5
54	25.5	35.1	54.6	68.1	85.1	109.3	129.2
55	25.2	34.7	54.0	67.4	84.2	108.2	127.9
56	24.9	34.3	53.5	66.7	83.4	107.1	126.7
57	24.6	34.0	52.9	66.0	82.5	106.0	125.4
58	24.3	33.6	52.3	65.3	81.7	105.0	124.2
59	24.0	33.2	51.8	64.7	80.9	104.0	123.0
60	23.8	32.9	51.3	64.0	80.1	103.0	121.9
	20.0	UZ.U	01.0	0-7.0	00.1	100.0	121.0

Peak Flow Calculations

Index Flood Method

 $QY = 6.73 \times 10^{-4} \times A^{0.72} \times P^{1.51 \times Q_Y/Q_5}$ (from AR&R)

Q_y is peak flow rate (m³/sec) of average recurrence interval (ARI) of "Y" years where:

A P is the catchment area in km²

is the average annual rainfall over the catchment area

Site	Α	Frequency Factor (Q _Y /Q ₅)								
Site	(km²)	2 _{yr,tc}	5 _{yr,tc}	10 _{yr,tc}	20 _{yr,tc}	50 _{yr,tc}	100 _{yr,tc}			
S1	0.35	0.56	1.00	1.50	2.25	3.40	n/a			
S2	0.06	0.60	1.00	1.48	2.20	3.00	n/a			
S3	0.34	0.56	1.00	1.50	2.25	3.40	n/a			
S4	1.36	0.54	1.00	1.62	2.50	4.20	n/a			
S5	0.02	0.60	1.00	1.48	2.20	3.00	n/a			
S6	0.03	0.60	1.00	1.48	2.20	3.00	n/a			

Site	Α	Peak flows (m ³ /s)									
Sile	(km²)	2 yr,tc	5 yr,tc	10 _{yr,tc}	20 _{yr,tc}	50 _{yr,tc}	100 _{yr,tc}				
S1	0.35	0.885	1.580	2.371	3.556	5.373	n/a				
S2	0.06	0.254	0.424	0.628	0.933	1.272	n/a				
S3	0.34	0.872	1.557	2.336	3.504	5.295	n/a				
S4	1.36	2.271	4.205	6.813	10.514	17.663	n/a				
S5	0.02	0.121	0.202	0.299	0.445	0.606	n/a				
S6	0.03	0.154	0.257	0.381	0.566	0.772	n/a				

Peak Flow Calculations

Rational Method calculations

 $Qy = 0.278 \times C_2 \times (C_Y/C_2) \times I_{Y, tc} \times A$ (from AR&R)

where: Q_v is peak flow rate (m³/sec) of average recurrence interval (ARI) of "Y" years

A is the catchment area in km²

I_{Y, tc} is the average rainfall intensity (mm/hr) for an ARI of "Y" years

and a design duration of "tc" (minutes or hours)

Time of concentration (t_c) = 0.56 x A^{0.38} hrs (from AR&R)

C_Y runoff coefficient for ARI of Y years

 $C_2 = 3.07 \times 10^{-1} \times L^{-0.2}$

L is the mainstream length (km) measured from the catchment outlet to the most remote point on the catchment boundary

 $F_Y = C_Y/C_2$ (frequency factor)

Rainfall intensities

Site	Α	L	here to			Rainfall intensity, I, mm/hr					
Site	(km²)	(km)	halve tc	(mins)	2 _{yr,tc}	5 _{yr,tc}	10 yr,tc	20 yr,tc	50 yr,tc	100 _{yr,tc}	C ₂
S1	0.35	1.02		22	57.9	88.1	108.7	134.5	171.1	200.8	0.31
S2	0.06	0.34		11	78.7	118.4	145.0	178.6	225.5	263.5	0.38
S3	0.34	1.15		22	57.9	88.1	108.7	134.5	171.1	200.8	0.30
S4	1.36	1.68		38	43.4	66.8	82.9	103.1	131.9	155.4	0.28
S5	0.02	0.18		8	89.5	133.7	163.3	200.5	252.5	294.4	0.43
S6	0.03	0.18		9	85.5	127.9	156.4	192.2	242.3	282.8	0.43

Peak flow calculations

reak IIU	w calcul	ations					
ARI (yrs)	2 _{yr,tc}	5 _{yr,tc}	10 _{yr,tc}	20 _{yr,tc}	50 yr,tc	100 _{yr,tc}	Comments
Fy (C _Y /C ₂)	1	1.46	2.21	3.6	5.2	n/a	
S1	1.713	3.806	7.105	14.329	26.316	n/a	
S2	0.467	1.025	1.901	3.812	6.955	n/a	
S3	1.639	3.641	6.797	13.708	25.176	n/a	
S4	4.524	10.167	19.093	38.706	71.489	n/a	
S5	0.215	0.470	0.868	1.736	3.158	n/a	
S6	0.288	0.629	1.164	2.330	4.243	n/a	

Site Data Sheet

Site Name: Burrup Nitrates

Site Location: Burrup Peninsula WA

Precinct: North West Region, Pilbara

Description of Site:

Average annual rainfall, P (mm) 282.4 Karratha Aero (Station No. 004083)

Site area	Sub-catchments						Remarks
Site area	S1	S2	S3	S4	S5	S6	Remarks
Total catchment area, A (ha)	34.8	5.6	34.1	135.5	2.0	2.8	
Disturbed catchment area (ha)	0.0	0.0	0.0	0.0	0.0	0.0	
Clearing pecentage, C _L (%)	0.0	0.0	0.0	0.0	0.0	0.0	
Mainstream length, L (km)	1.02	0.34	1.15	1.68	0.18	0.18	
Stream slope, Se (m/km)			·				

Annex C

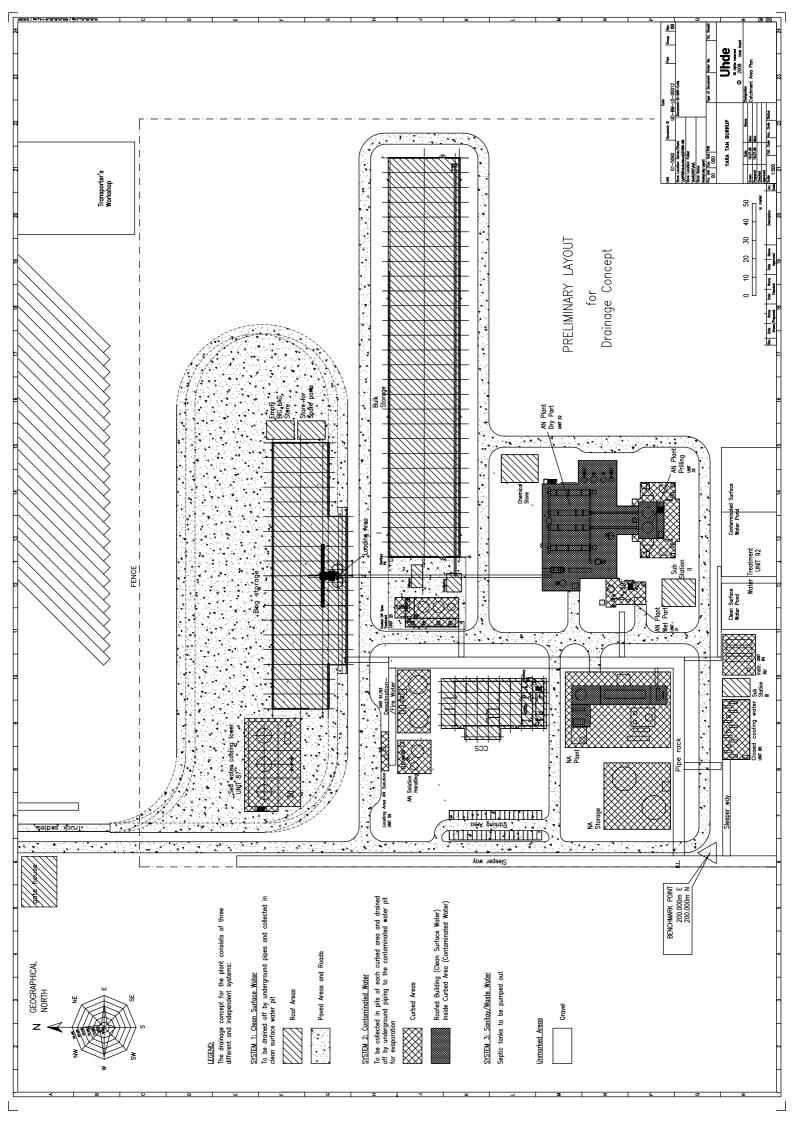
TANPF Layout Plan



Annex F

Proposed Drainage Design





Annex D

Bore Logs

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011
Drill Finish Date: 18/1/2011
Drill Co. Francisco Drilling

Drill Co: EnviroTech Drilling
Driller: Mark Italiano
Drill Method: SSA, AR
Hole Type: Monitoring Well

Hole Diam. / Width (mm): 200
Casing Type: PVC Type 16

Total Depth (m): 9.0

Casing Diam. (mm): 52
Surface Completion: Standpipe

Water Strike:

ID: MW1



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (КРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0						
Clayey Sand					DS			MW1_0.0	
Orange brown, slightly damp, loose, fine to medium grain size, poorly sorted, sub-angular. Some gravel.		() ()			DS			MW1_0.25	
			_		DS			MW1_0.5	
Gravel content increasing from 0.25m depth.			1—		DS			MW1_0.75	
Some cobbles from 1.0m depth.			_		DS			MW1_1.0	
Granophyre	<i>////</i>		_		DS			MW1_1.5	Air rotary from
Grey, fractured, bedrock	+++		-		טט			C.1_1 WIW	0.5m due to SSA rejection on
	+++		2—	-					rocks.
Soft weathered material at 4.5 to 4.8m	+ +		-	-					
	+++		-	1					
	+++		_	1					
	+++		3—	1					
	+ +		_						
	+++								
	+++		4—						
	+ +		· _						
	+++		_	.					
	+++		_	.					
	+ +	77	5—	-					
	+++		-	-					
	+++	:: 目 :1	_	-					
	+ +		-	1					
	+++	:B:I	6—	1					Slow Recharge. Slightly turbid
	+++	:: ::	-	1					brown water.
	+ +	⊹≣∷	_	1					Purged dry 3
	+++	:#:I	7—	1					times during development.
	+++		/-						'
	[+±+	::=:::							
	+ +	·:目:I	_						
	+++		8—						
	+++		_						
	+ +		_						
	+++	•••••	-						
	+++		9—						
End of Log			_						

Water Level (Final): 5.8

East MGA: 477750.267

North MGA: 7719618.897

RL Ground:

RL Case:

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011 Drill Finish Date: 18/1/2011

Drill Co: EnviroTech Drilling
Driller: Mark Italiano
Drill Method: SSA, AR

Hole Type: Monitoring Well

Total Depth (m): 7.8

Hole Diam. / Width (mm): 200 Casing Type: PVC Type 16 Casing Diam. (mm): 52

Surface Completion: **Standpipe**

Water Strike: 5.8

ID: MW2



ERM Australia Pty Ltd

Symbol	Well	Depth (m)		Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
* * * * * * * * * * * * * * * * * * *		0 1 2 	Recovery	DS DS DS			MW2_0.0 MW2_0.25 MW2_0.5	Air rotary from 0.5m due to SSA rejection on rock.
· + + · · + · · + · · + · · + · · + · · + · · + · · + · · + · · + ·		3— 4— - 5— - 7— - 8—						Moderate Recharge. Very turbid, becoming slightly turbid brown water. Purged dry 3 times during development.
		+ 1	2—	1— 2— 4— 5— 7— 7— — 7— — 7— — 7— — — — — — — —	DS D	DS DS DS DS DS DS	DS DS DS DS DS	DS

Water Level (Final): 5.6

East MGA: 477982.134

North MGA: 7719632.321

RL Ground:

RL Case:

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011
Drill Finish Date: 18/1/2011
Drill Co: EnviroTech Drilling
Driller: Mark Italiano

Driller: **Mark Italiano**Drill Method: **SSA, AR**

Hole Type: Monitoring Well

Total Depth (m): 7.6

Hole Diam. / Width (mm): 200 Casing Type: PVC Type 16 Casing Diam. (mm): 52

Surface Completion: **Standpipe**

Water Strike: 5.5

ID: MW3



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0-						
Clayey Sand					DS			MW3_0.0	(DUP03)
Brown, dry, loose, fine grain size, poorly sorted, sub- angular.	2	() ()	_		DS			MW3_0.25	(DUP04)
Some Boulders between 0.5 and 0.9m depth.	2		_		DS			MW3_0.9	
			1-						
Gravel content increasing from 0.25m depth.			1-						
	2		_	1					
	•		_		DS			MW3_1.5	Air rotary from 0.5 m due to SSA
			-						rejection on rock.
			2—		DS			MW3_2.0	
	2		_					1-1	
	•		-		DS			MW3_2.5	_
	鲷		-						_
Granophyre	T.+	() ()	3—		DS			MW3_3.0	
Grey, hard.	+ +		-		50			WVV0_0.0	
	+++		-	-					
	+++		-	-					
	+ +	ÖÖ	4—	-					
	+++		_	-					
	+++	::::::	_	.					
	+++	:: 目 :	_	.					
	+ + +	:目:	5—						
	+++	: :	_						
	+++		_						
	+++	:目:	_						
	+ +	: ∃ :	6—						Moderate
	+++	: ≓ :	0						Recharge.
	+++	: 目 :	_						Slightly turbid, becoming very
	+++		-	1					turbid brown
	+ +	::目::	_	1					water. Purged dry 2 times
	+++	: ≣ :	7—	1					during
	+ +		-						development.

Water Level (Final): 3.6

East MGA: 478228.561

North MGA: 7719614.980

RL Ground:

RL Case:

NOTE: This bore log is for environmental purposes only and is not intended to provide geotechnical information.

End of Log

Log By: **JG** Checked By: **JT**

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011
Drill Finish Date: 18/1/2011
Drill Co: Envirotech Drilling

Driller: **Mark Italiano**Drill Method: **SSA, AR**

Hole Type: Monitoring Well

Total Depth (m): 4.5

Hole Diam. / Width (mm): 200 Casing Type: PVC Type 16 Casing Diam. (mm): 52

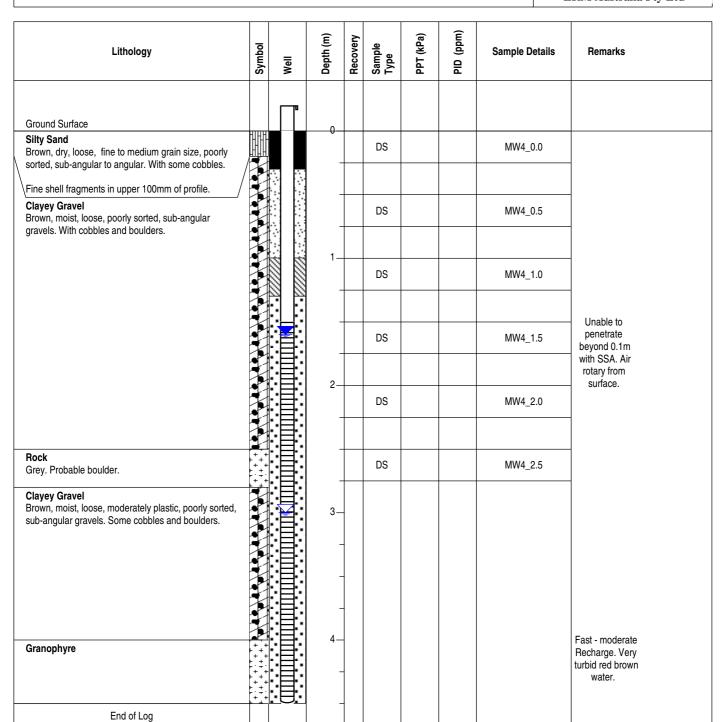
Surface Completion: **Standpipe**

Water Strike: 3.0

ID: MW4



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Water Level (Final): 1.6

East MGA: 477721.886

North MGA: 7719306.205

RL Ground:

RL Case:

NOTE: This bore log is for environmental purposes only and is not intended to provide geotechnical information.

Log By: **JG** Checked By: **JT**

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011
Drill Finish Date: 18/1/2011

Drill Finish Date: 18/1/2011
Drill Co: EnviroTech Drilling
Driller: Mark Italiano
Drill Method: SSA, AR

Hole Type: Monitoring Well

Total Depth (m): 5.0

Hole Diam. / Width (mm): 200
Casing Type: PVC Type 16
Casing Diam. (mm): 52
Surface Completion: Standpipe

Water Strike: 3.2

Water Level (Final): 1.85

RL Ground: RL Case:

East MGA: 477976.901

North MGA: 7719306.205

ID: MW5



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (КРа)	PID (ppm)	Sample Details	Remarks
Ground Surface Clayey Sand			0-		DS			MW5_0.0	(DUP06)
Brown, damp, loose, fine to course grain size, poorly sorted, sub-angular to angular. Some cobbles.		n en	-		טט			MVV5_U.U	Salt crusting at surface.
Rock Hard brown, ferricrete/silcrete cemented.			-		DS			MW5_0.5	
			1-		DS			MW5_1.0	
Clayey Gravel Red brown, damp, loose, fine to medium grain size, poorly sorted, sub-angular to angular gravels.			-		DS			MW5_1.5	Unable to penetrate beyond 0.1 with
			2—		DS			MW5_2.0	SSA. Air rotary from surface.
			_		DS			MW5_2.5	
Rock			3—						
Grey, hard. Probable boulder. Silty Clay	+++		-						
Brown, moist, firm, plastic, traces of gravel.			- 4- - -						Fast - moderate Recharge. Very turbid red brown water, becoming clear.
End of Log		<u>. H.</u>	5-						

NOTE: This bore log is for environmental purposes only and is not intended to provide geotechnical information.

Log By: **JG** Checked By: **JT**

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 17/1/2011

Drill Finish Date: 17/1/2011 Hole Diam. / Width (mm): 200 Drill Co: EnviroTech Drilling Casing Type: NA Driller: Mark Italiano Casing Diam. (mm): NA Drill Method: SSA, AR Surface Completion: NA Hole Type: Soil Bore

Water Strike: NA

Total Depth (m): 3.0

ID: SB1



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Clayer Sand Brown, dry, loose, fine to medium grain size, sub- angular. Some grains <120mm. Increasing grains <120mm content at 0.5m. DS SB1_0.25 Air Rotary from 0.5m due to rejection of SSA on on unconsolidated rock. Rock Fractured bedrock. PS SB1_0.75 Air Rotary from 0.5m due to rejection of SSA on on unconsolidated rock. 2	Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Clayer Sand Brown, dry, loose, line to medium grain size, sub- angular. Some grains <120mm content at 0.5m. DS SB1_0.0 Air Rotary from 0.5m due to rejection of SSA on unconsolidated rock. Rock Fractured bedrock. DS SB1_0.75 Air Rotary from 0.5m due to rejection of SSA on unconsolidated rock.	Ground Surface									
Bock Fractured bedrock. DS SB1_0.25 DS SB1_0.50 Air Rotary from 0.5m due to rejection of SSA on unconsolidated rock. DS SB1_0.75 2- -	Brown, dry, loose, fine to medium grain size, sub- angular. Some grains <120mm.	aOc		_		DS			SB1_0.0	
Bock Fractured bedrock. DS SB1_0.50 DS SB1_0.75 DS SB1_0.75 DS SB1_1.0	Increasing grains <120mm content at 0.5m.	% 000 1000 1000 1000 1000 1000 1000 100				DS			SB1_0.25	Air Rotany from
Rock Fractured bedrock. DS SB1_0.75 DS SB1_1.0						DS			SB1_0.50	0.5m due to rejection of SSA on
Fractured bedrock. DS SB1_1.0 SB1_1.0 SB1_1.0				1_		DS			SB1_0.75	rock.
- + + + + + + + + + + + + + + + + + + +	Rock Fractured bedrock.	+ + + + + + + + + + + + + +		_		DS			SB1_1.0	
- + + + + + + + + + + + + + + + + + + +		+ + + + + + + + + + + +								
- + + + + + + + + + + + + + + + + + + +		+ + + + + + + + + + + +		-						
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3-		+++		3-						

Water Level (Final): NA

RL Ground:

RL Case:

East MGA:

North MGA:

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011 Total Depth (m): 3.0

Drill Finish Date: 18/1/2011 Hole Diam. / Width (mm): 200 Drill Co: Envirotech Drilling Casing Type: NA Driller: Mark Italiano Casing Diam. (mm): NA Drill Method: SSA, AR Surface Completion: NA Hole Type: Soil Bore

Water Strike: NA

ID: SB2



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0_						
Clayey Sand Brown, dry, loose, low plasticity, fine-medium grain size, poorly sorted, sub-angular. Some grains <120mm.			_		DS			SB2_0.0	(Dup 02)
Increasing rocks <180mm content at 0.5m					DS			SB2_0.25	- Air Rotary from
					DS			SB2_0.5	0.5 due to SSA rejection on unconsolidated rock.
			1-		DS			SB2_0.75	
					DS			SB2_1.0	
Rock Grey, hard, fractured.	+ + + + + + + + + + + + + + +		_	_	DS			SB2_1.2	
	+ + - · · · · + + + + - · · · - · · ·		-						
	+ + + + + + + + + + + + + + + + + + + +		2-						
	+ + + + + + + + + + + + + + + +		-						
	+ + + + + + + + + + + + + + + + + + +		3-						

Water Level (Final): NA

RL Ground:

RL Case:

East MGA:

North MGA:

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011

Drill Finish Date: 18/1/2011
Drill Co: EnviroTech Drilling
Driller: Mark Italiano
Drill Method: SSA, AR
Hole Type: Soil Bore

Total Depth (m): 3.0

Hole Diam. / Width (mm): 200
Casing Type: NA
Casing Diam. (mm): NA
Surface Completion: NA
Water Strike: NA

ID: SB3



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0_						
Clayey Sand Orange brown, slightly damp, loose, fine to medium grain size, poorly sorted, sub-angular. Some gravel.			<u> </u>		DS			SB3_0.0	(DUP01) Salt crusting at
Gravelly Clayey Sand Orange brown, slightly damp, loose, low plasticity, fine to medium grain size, poorly sorted. Some grains <150mm.	3		_		DS			SB3_0.25	surface. Air rotary from
			_		DS			SB3_0.5	0.5 m due to SSA rejection on rocks.
			1—						-
	•		_		DS			SB3_1.0	_
Granophyre Grey, hard, bedrock.	+ + + + + + + + + + + + + +		_		DS			SB3_1.25	
	+ + + + + + + + + + + +		_						
	+ + + + + + + + + + + +		2—						
	+ + + + + + + + + + + +		_						
	+ + + + + + + + + + + + + +								
	+ + + + + + - + + + + + + +		_						
	+ + + + + + + + + + + +		_						
End of Log	+++		3—						

Water Level (Final): NA

RL Ground:

RL Case:

East MGA:

North MGA:

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011 Total Depth (m): 3.0

Drill Finish Date: 18/1/2011 Hole Diam. / Width (mm): 200 Drill Co: EnviroTech Drilling Casing Type: NA Driller: Mark Italiano Casing Diam. (mm): NA Drill Method: SSA, AR Surface Completion: NA Hole Type: Soil Bore Water Strike: NA

Water Level (Final): NA

RL Ground: RL Case: East MGA: North MGA:

ERM Australia Pty Ltd



ID: SB4

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0-						
Clayey Gravely Red brown, fine to coarse grain size, sub-angular to angular. Some sand. Trace cobbles at the surface.			-		DS			SB4_0.0	Surficial rocky outcrops in surrounding areas (Black and
Rock Red brown, hard ferricrete/silcrete cemented layer. Well cemented.			_		DS			SB4_0.25	Green). - Air Rotary from
			-						0.3 due to SSA rejection on unconsolidated rock.
			1-						
Clayey Sand Red brown, fine to coarse grain size, poorly sorted, sub-angular.			_						-
			_		DS			SB4_1.5	
			2—						
					DS			SB4_2.0	
			-						
			_		DS			SB4_2.5	
Granophyre Grey, bedrock.	+++++++++++++++++++++++++++++++++++++++		_						
, · · · ·	+++		3—						

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011

Total Depth (m): 3.0 Drill Finish Date: 18/1/2011 Hole Diam. / Width (mm): 200 Drill Co: EnviroTech Drilling Casing Type: NA Driller: Mark Italiano Casing Diam. (mm): NA Drill Method: SSA, AR Surface Completion: NA Hole Type: Soil Bore Water Strike: NA

Water Level (Final): NA

RL Ground: RL Case: East MGA: North MGA: ID: SB5



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0						
Silty Sand Brown, dry, loose, fine to medium grain size, moderately sorted, sub-angular.			0		DS			SB5_0.0	Shell fragments to 0.65m. No evidence of corrosion.
Shell fragments to 0.65m depth.			_						- correction.
Damp at 1.0m depth.			_		DS			SB5_0.25	
					DS			SB5_0.5	
Rock Red brown, hard ferrocrete/silcrete cemented layer.			-						
			1_						
Clayey Sand Red brown, low plasticity, fine - coarse grains, poorly sorted, sub-angular.			·		DS			SB5_1.0	(DUP05)
			_						
			_		DS			SB5_1.5	Air Rotary from 1.0m due to SSA rejection on unconsolidated
			2—						rock.
			_		DS			SB5_2.0	
			_						
			_		DS			SB5_2.5	
			3—		DS			SB5_3.0	
			<u> </u>						

Annex E

Tables



Monitoring Well	Date	Easting	Northing	TOC (mAHD)	Bore Depth (m ToC)	Depth to Groundwater (m ToC)	Groundwater Elevation (mAHD)
MW1	29-Apr-11	477750.267	7719618.897	9.236	8.735	2.774	6.462
MW1	20-Sep-11	477750.267	7719618.897	9.236	8.725	3.379	5.857
MW1	28-Feb-12	477750.267	7719618.897	9.236	8.725	3.400	5.836
MW2	29-Apr-11	477982.134	7719632.321	6.85	8.210	2.926	3.924
MW2	20-Sep-11	477982.134	7719632.321	6.85	8.195	3.096	3.754
MW2	28-Feb-12	477982.134	7719632.321	6.85	8.195	3.184	3.666
MW3	29-Apr-11	478228.561	7719614.98	4.832	8.200	2.007	2.825
MW3	20-Sep-11	478228.561	7719614.98	4.832	8.185	1.975	2.857
MW3	28-Feb-12	478228.561	7719614.98	4.832	8.185	1.948	2.884
MW4	29-Apr-11	477721.886	7719289.889	3.453	4.780	0.898	2.555
MW4	20-Sep-11	477721.886	7719289.889	3.453	4.675	1.095	2.358
MW4	28-Feb-12	477721.886	7719289.889	3.453	4.675	1.025	2.428
MW5	29-Apr-11	477976.901	7719306.205	2.732	5.100	0.566	2.166
MW5	20-Sep-11	477976.901	7719306.205	2.732	5.040	0.733	1.999
MW5	28-Feb-12	477976.901	7719306.205	2.732	5.04	0.544	2.188

Notes:

TOC - Top of Casing

mAHD - Metres Australian Height Datum



Monitoring Well	Date	Elecctrical Conductivity (uS/cm)	TDS (mg/L) Calculated)	Dissolved Oxygen (mg/L)	pН	Redox (mV)	Temp (oC)	Sample Comments
MW1	29/04/2011	3,100	2,000*	2.43	6.95	-74	31.51	Slightly turbid, no odour, very pale brown
MW1	20/09/2011	2,510	1600	3.3	6.86	146	28.9	Becoming slightly turbid/white at 27 litres
MW1	28/02/2012	2,750	1800	4.67	6.9	153	30.13	Becoming pale brown, slow recharge, dry purched at 33L
MW2	29/04/2011	3,540	2,000*	2.74	7.16	57	31.98	Turbid, pale brown, no odour, moderate recharge, good yield
MW2	20/09/2011	4,160	2400	2.93	6.78	125	29.23	Good yield
MW2	28/02/2012	4,450	2500	2.4	6.83	149	31.52	Clear, colourless, no odour, becomes slightly turbid, pale grey, good recharge
MW3	29/04/2011	16,000	9,800*	2.8	7.3	-100	30.6	Pungent odour (fishy), slightly turbid, grey becoming pale brown, moderate recharge, good yield
MW3	20/09/2011	11,200	6900	2.37	7.22	50	27.18	Good yield
MW3	28/02/2012	13,640	8400	2.68	7.18	83	30.3	Clear, colourless, no odour, becoming slightly turbid, pale brown, good recharge
MW4	29/04/2011	12,160	6,700*	2.23	7.64	125	30.59	Highly turbid, silty, orange, no odour, good recharge/ yield
MW4	21/09/2011	7,660	4200	4.4	7.58	104	27.00	Good yield
MW4	28/02/2012	10,610	5800	2.48	7.5	79	31.8	Clear, colourless, becoming turbid, red-brown. No odour. Becoming very turbid
MW5	29/04/2011	10,000**	130000*	2.12	6.73	237	31.62	Orange, turbid, no odour, moderate recharge
MW5	21/09/2011	10,000**	-	3.82	6.55	270	28.00	Slightly turbid, lightly brown in colour
MW5	28/02/2012	10,000**	-	1.86	6.62	289	32.58	Clear, colourless, becoming turbid, pale brown, no odour.

Note:

^{* -} Laboratory TDS (mg/L)

^{** -} Considered to be erroneous data points based on major ion data. It is likely that the maximum measurable concentration of the probe was exceeded.



				1							Inorganics		1										Lead		
of galaction (Bicarbonate)	2 / Alkalinity (total) as CaCO3	mg/L 0.005	N se Ammonia as N	mg/L	mg/L 0.1 1.5	mg/L 0.50	1000- Monic Balance	0.0 m Kjeldahl Nitrogen Total	(N sg) mg/L 0.005	(£ 0.00 mg/L mg/L 0.05 0.7	(N sp) nig/L mg/L 0.005	(as NO2.) Mirite (as NO2.) 3	mg/L 0.005	99 mitrogen (Total)	Reactive Phosphorus as P	05 25 Silica (Filte red)	Sodium (Filtered)	ar redding/L mg/L 1 500	oppinding mg/L 0.5	8 <u>0</u> mg/L 10	2) Hardness as CaCO3 (Fillered	\$5.1 mg/L 5	mg/L 0.001 0.0034	maininim Alumininim	7/kbu Aluminium (Filtered)
	l		l			<u>l</u>				l		l			<u> </u>	Į.		l l				L			
420	350	-	38	780	-	<0.5	-3		1.7	-	<0.005	-	1.7	2500	< 0.002	30,000	350	170	-	2000	760	-	< 0.001	-	0.01
390	320	-	18	710	0.4	-	-6	0.28	-	-	-	-	3.1	3400	0.008	28000	300	150	<0.5	-	-	180	-	1.8	0.002
370	300	< 0.005	<5	670	0.5	-	-	0.17	2	8.7	<0.005	< 0.05	2	2100	< 0.002	29000	340	140	<0.5	-	-	220	-	3.6	0.002
340	280	-	200	930	-	<0.5	1	-	3.3	-	<0.005	-	3.3	3900	0.004	26000	570	170	-	2000	520	-	< 0.001	-	0.005
350	290	-	<5	1200	0.6	-	-3	0.2	-	-	-	-	1.2	1400	0.004	24000	610	210	<0.5	-	-	190		4.2	0.002
370	300	0.036	30	1400	0.7	-	-	0.26	0.62	2.7	<0.005	< 0.05	0.62	880	< 0.002	24000	1000	220	<0.5	-	-	84	-	3.6	0.005
490	400	-	54	5400	-	<0.5	1		1.9	-	<0.005	-	1.9	2600	0.003	34000	3400	800	-	9800	1500	-	<0.005	-	0.013
530	450	-	57	3700	1.4	-	2	0.18	-	-	-	-	0.033	220	0.006	32000	2500	810	<0.5	-	-	280	-	5.8	0.019
560	460	<0.005	<5	4000	1.5	-	-	0.29	0.32	1.4	<0.005	<0.05	0.32	610	< 0.002	33000	3200	940	<0.5	-		230	-	6.5	0.005
630	510	-	740	3900	-	<0.5	0	-	0.82	-	<0.005	-	0.82	2100	0.008	19000	2700	350		6700	520	-	<0.005	-	<0.005
420	370	-	18	2500	0.7	-	1	0.31		-		-	0.24	540	0.009	16000	1800	280	<0.5	-		670	-	21	<0.005
480	390	<0.005	<5	3200	0.6	-	-	0.59	0.17	0.74	<0.005	<0.05	0.17	760	0.007	19000	2700	410	<0.5	-		1900	-	82	<0.005
450	370	-	56	87000	-	<0.5	-1	-	1.1	-	<0.005	-	1.1	5100	0.007	10000	48000	5200	-	130000	19000	-	<0.05	•	< 0.05
250	210	-	47	87000	0.3	-	0	2.7		-		-	0.02	2700	0.01	9900	48000	4100	<0.5	-		1100	-	11	<0.1
180	150	<0.005	<5	80000	0.4	-	-	2.2	1.2	5.5	<0.005	<0.05	1.2	3400	0.006	9800	57000	4400	<0.5	-	-	1400	-	18	<0.1
15	15	5	15	15	10	5	10	10	10	5	10	5	15	15	15	15	15	15	10	5	5	10	5	10	15
15	15	1	10	15	10	0	10	10	10	5	0	0	15	15	11	15	15	15	0	5	5	10	0	10	9
180	150	< 0.005	<5	670	0.3	<0.5	-6	0.17	0.17	0.74	<0.005	<0.05	0.02	220	<0.002	9800	300	140	<0.5	2000	520	84	< 0.001	1.8	0.002
180	150	0.036	18	670	0.3	ND	ND	0.17	0.17	0.74	ND	ND	0.02	220	0.003	9800	300	140	ND	2000	520	84	ND	1.8	0.002
630	510	0.036	740	87,000	1.5	<0.5	2	2.7	3.3	8.7	<0.005	<0.05	3.3	5100	0.01	34,000	57,000	5200	<0.5	130,000	19,000	1900	< 0.05	82	<0.1
630	510	0.036	740	87,000	1.5	ND	2	2.7	3.3	8.7	ND	ND	3.3	5100	0.01	34,000	57,000	5200	ND	130,000	19,000	1900	ND	82	0.019
415	343	0.0092	85	18,826	0.71	0.25	-0.8	0.72	1.3	3.8	0.0025	0.025	1.2	2147	0.0051	22,913	11,498	1223	0.25	30,100	4460	625	0.0062	16	0.013
420	350	0.0025	30	3200	0.6	0.25	0	0.285	1.15	2.7	0.0025	0.025	1.1	2100	0.006	24,000	2500	350	0.25	6700	760	255	0.0025	6.15	0.005
116	95	0.015	188	34,141	0.41	0	2.5	0.93	0.94	3.3	0	0	1	1422	0.0032	8530	20,567	1763	0	55,944	8138	630	0.011	24	0.017
110																						1			
	\$ 420 390 370 370 370 490 530 560 630 420 480 450 15 15 180 630 630 630	### ##################################	Teal Teal	Heat Heat	Heat Heat	The state of th	The state of the	The color of the	1	The color of the	1		The color of the	The column The		The column The		Company Comp	The color of the	The column The		The column Column	The column The	The column The	Column C

Comments

#1 ESDAT Combined with Non-Detect Multiplier of 0.5.

#2 ESDAT Combined.

Environmental Resources Management Australia Pty Ltd.



												Metals										Organic			TPH		
EQL ADW 2004					mg/L 0.000 10000	mg/L (2adminm (Filtered) 0.0001	mg/L 0.2	Chromium (hexavalent) 0.002 0.05	Chromium (III+VI) (Filtered)	Chromium (Trivalent)	<u>E</u> mg/L 0.005	mg/L 0.005	mg/T 7/Magnesium (Filtered)	mg/L 0.001 0.5	mg/L 0.00005	100.0 100.0 100.0	sp. vol. o.01	mg/L 0.1	(Filtere d) (Filtre d) (Filtere d) (Filter	Silicon (Filered)	Zinc (Filtered)	L Su Alkalinity (Carbonate)	8 90 98/L 40	00 pg/L 50	μg/L μg/L 2000	95 μg/L 200	7 - +C10 - C36 (Sum of total)
ANZECC 2	2000 95%					0.0002		0.001						1.9	0.0006	0.011			0.011		0.008					í	
ANZECC 2	2000 Marine 95	%				0.0055		0.0044		0.0274					0.0004	0.07					0.015					i ———	\vdash
MW1 MW1	MW1 MW1	Sampled_Date-Time 30/04/2011 20/09/2011	SampleComments	Monitoring_Round	<0.001	<0.0001 <0.0001	200 170	<0.002	<0.001 <0.001	<0.005	1.8	0.008	63 54	0.17 0.046	<0.00005	<0.001	0.06	10 7.9	<0.002 <0.002	14,000 13000	0.016	<1	<40	<50	<200	<200	<450 ^{#2}
MW1	MW1	27/02/2012			< 0.001	<0.0001	180	-0.000	<0.001		4.2	<0.005	53	0.088	-0.00005	< 0.001	0.08	7.7	<0.002	-	0.038	<1	-	-			- #2
MW2 MW2	MW2 MW2	30/04/2011 20/09/2011			<0.001	<0.0001	99 150	<0.002	<0.001	<0.005	- 6	<0.005 <0.005	66 98	<0.005 - 0.005 0.001	<0.00005	<0.001	0.09	19	0.003 <0.002	12000 11000	0.013	<1	<40	<50	<200	<200	<450#2
MW2	MW2	27/02/2012			<0.001	<0.0001	240	-	<0.001	-	4.6	0.003	140	0.001		<0.001	0.03	24	<0.002	-	0.021	<1	-	-	-	-	-
MW3	MW3	30/04/2011			<0.005	<0.0005	120	<0.002	<0.005	<0.005	-	<0.025	300	0.02 - 0.022	<0.00005	-	0.16	130	<0.01	16000	0.02	<1	<40	<50	<200	<200	<450#2
MW3	MW3	20/09/2011			< 0.005	<0.0005	85	-	<0.005	-	7.4	< 0.025	210	0.014	-	<0.005	0.05	90	< 0.01	15000	0.047	8	-	-	-	-	-
MW3	MW3	27/02/2012			< 0.005	<0.0005	95	-	<0.005	-	6.8	< 0.025	210	0.026	-	<0.005	0.05	120	< 0.01	-	0.032	<1	-	-	-	-	-
MW4	MW4	30/04/2011			< 0.005	<0.0005	39	< 0.002	< 0.005	< 0.005	-	< 0.025	100	0.013 - 0.014	< 0.00005	-	0.79	110	< 0.01	8700	0.01	<1	<40	<50	<200	<200	<450#2
MW4	MW4	21/09/2011			< 0.005	<0.0005	28	-	< 0.005	-	31	< 0.025	68	0.011	-	< 0.005	0.14	69	< 0.01	7500	0.029	12	-	-	-	-	-
MW4	MW4	28/02/2012			< 0.005	<0.0005	49	-	< 0.005	-	130	< 0.025	96	0.033	-	<0.005	0.48	110	< 0.01	,	0.047	<1	-	-		-	-
MW5	MW5	30/04/2011			<0.05	<0.005	1000	0.01	< 0.05	<0.005	-	< 0.25	4100	0.2 - 0.22	0.00011	-	0.11	1900	<0.1	4900	<0.05	<1	<40	81	<200	<200	281#1
MW5	MW5	21/09/2011			<0.1	<0.01	1100	-	<0.1	-	12	<0.5	4300	<0.1	-	<0.1	0.04	1700	<0.2	4600	<0.1	<1	-	-	-	-	-
MW5	MW5	28/02/2012			<0.1	<0.01	1100	-	<0.1	-	25	<0.5	4700	<0.1	-	<0.1	0.21	2100	<0.2	-	<0.1	<1	-	-	-	-	-
Statistical	Summary	·	·																								

Number of Results	15	15	15	5	15	5	10	15	15	15	5	10	15	15	15	10	15	15	5	5	5	5	5
Number of Detects	0	0	15	1	0	0	10	2	15	13	1	0	15	15	1	10	12	2	0	1	0	0	1
Minimum Concentration	< 0.001	<0.0001	28	<0.002	< 0.001	<0.005	1.8	<0.005	53	0.001	<0.00005	< 0.001	0.03	7.7	< 0.002	4600	0.01	<1	<40	<50	<200	<200	281
Minimum Detect	ND	ND	28	0.01	ND	ND	1.8	0.008	53	0.001	0.00011	ND	0.03	7.7	0.003	4600	0.01	8	ND	81	ND	ND	281
Maximum Concentration	<0.1	< 0.01	1100	0.01	<0.1	<0.005	130	<0.5	4700	0.22	0.00011	<0.1	0.79	2100	<0.2	16,000	<0.1	12	<40	81	<200	<200	<450
Maximum Detect	ND	ND	1100	0.01	ND	ND	130	0.24	4700	0.22	0.00011	ND	0.79	2100	0.003	16,000	0.047	12	ND	81	ND	ND	281
Average Concentration	0.0095	0.00095	310	0.0028	0.0095	0.0025	23	0.064	971	0.064	0.000042	0.011	0.16	428	0.019	10,670	0.031	1.8	20	36	100	100	236
Median Concentration	0.0025	0.00025	150	0.001	0.0025	0.0025	7.1	0.0125	100	0.033	0.000025	0.0025	0.08	90	0.005	11,500	0.029	0.5	20	25	100	100	225
Standard Deviation	0.018	0.0018	397	0.004	0.018	0	39	0.099	1763	0.075	0.000038	0.02	0.21	767	0.035	4077	0.014	3.4	0	25	0	0	25
Number of Guideline Exceedances	3	9	0	5	0	0	0	0	0	0	0	2	0	0	3	0	15	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0

Comments
#1 ESDAT Combined with Non-Detect Multiplier of 0.5.

#2 ESDAT Combined.

2 of 2 Environmental Resources Management Australia Pty Ltd.



SDG	PE057307-1	PE057307-1	PE060993-1	PE060993-1	PE060993-1	PE065491-1	PE065491-1
Field_ID	RIN 1	Trip Blank	RIN01	TRIP01	TRIP02	RIN01	TRIP01
Sample Date	30-Apr-11	30-Apr-11	21-Sep-11	21-Sep-11	21-Sep-11	28-Feb-12	28-Feb-12
Sample_Type	Rinsate	Trip_B	Rinsate	Trip_B	Trip_B	Rinsate	Trip_B

Chem_Group	ChemName	Units	LOR							
	Acidity	mg/L	5							
BTEX	Benzene	μg/L	0.5				<0.5	< 0.5		<0.5
	Toluene		0.5				0.6	< 0.5		<0.5
	Ethylbenzene		0.5				<0.5	<0.5	i e	<0.5
	Xylene (m & p)	μg/L	1				<1	<1	i e	<1
	Xylene (o)	μg/L	0.5				<0.5	<0.5	İ	<0.5
	7 (-)	1.01							İ	
Inorganics	Alkalinity (Bicarbonate)	mg/l	5			<5			<5	
Berries	Alkalinity (Hydroxide)	mg/l	5						-	
	Alkalinity (total) as CaCO3	mg/l	5			<5			<5	
	Ammonia	mg/l	0.005							
	Ammonia as N	μg/l	5							
	Chloride	mg/1	1			<1			<1	
	Fluoride	mg/1	0.1			-1			1	
	Hydrogen sulfide	mg/l	0.5							
	, ,		0.05					-		
	Kjeldahl Nitrogen Total	mg/1								
	Nitrate (as N)	mg/l	0.005 0.05					 	1	
	Nitrate (as NO3-)	mg/l				ļ		1	1	
	Nitrite (as N)	mg/1	0.005			<u> </u>	 	1	+	
-	Nitrite (as NO2-)	mg/1	0.05			ļ		1	1	
	Nitrogen (Total Oxidised)	mg/l	0.005							
ļ	Nitrogen (Total)	μg/l	50						ļ	
	Reactive Phosphorus as P	mg/l	0.002							
	Silica (Filtered)	μg/l	50							
	Sodium (Filtered)	mg/l	0.5			<0.5			2	
	Sulphate	mg/l	1			<1			<1	
	Sulphide	mg/l	0.5							
	TDS	mg/l	10							
	Hardness as CaCO3 (Filtered)	mg/L	5							
	TSS	mg/l	5							
Lead	Lead (Filtered)	mg/l	0.000001	<0.001	<0.001	<0.001			<0.001	
Metals	Aluminium	mg/l	0.005							
	Aluminium (Filtered)	mg/l	0.000001	0.002	< 0.001					
	Arsenic (Filtered)	mg/l	0.000001	< 0.001	< 0.001	< 0.001			< 0.001	
	Cadmium (Filtered)	mg/l	0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	
	Calcium (Filtered)	mg/l	0.2			<0.2			< 0.2	
	Chromium (hexavalent)	mg/l	0.002							
	Chromium (III+VI) (Filtered)	mg/l	0.000001	< 0.001	< 0.001	< 0.001			< 0.001	
	Chromium (Trivalent)	mg/l	0.005							
	Copper (Filtered)	mg/l	0.000001			< 0.001			< 0.001	
	Iron	mg/l	0.005					t	1	
	Iron (Filtered)	mg/l	0.000005	< 0.005	< 0.005					
	Magnesium (Filtered)	mg/1	0.1			<0.1			0.1	
	Manganese (Filtered)	mg/1	0.000001	< 0.001	< 0.001	-0.1			7.1	
<u> </u>	Mercury	mg/1	0.00005	<0.0005	<0.0005			 	< 0.0001	
	Nickel (Filtered)	mg/1	0.000001	-0.00003	-0.00003	< 0.001		 	<0.001	
	Phosphorus	mg/l	0.01		-	-0.001	1	1	-0.001	
	Potassium (Filtered)	mg/1	0.1			<0.1		 	<0.1	
	Selenium (Filtered)		0.002	<0.002	<0.002	~0.1		 	~0.1	
		mg/l	20	NO.002	NO.002			-	1	-
	Silicon (Filtered)	μg/l		0.000	0.012	0.005	 	1	0.007	
	Zinc (Filtered)	mg/l	0.000001	0.009	0.012	0.005		<u> </u>	0.007	
Organic	Alkalinity (Carbonate)	mg/l	1			<1			<1	
	 	<u> </u>								
										<0.000E
Solvents	MTBE	mg/l	0.0005							<0.0005
				<40	<40		<40	<40		
Solvents TPH	C6 - C9	μg/L	40	<40	<40		<40	<40		<50
	C6 - C9 C10 - C14	μg/L μg/L	40 50	<40	<40		<40	<40		
	C6 - C9	μg/L μg/L	40	<40	<40		<40	<40		



Field_ID MW1 DUP01	RPD	MW5	DUP01	RPD	MW5	DUP01	RPD
Sample Date 30-Apr-11 30-Apr-1	1	21-Sep-11	21-Sep-11		28-Feb-12	28-Feb-12	

Chem_Group	ChemName	Units	LOR									
	Acidity	mg/L	5				55.0	55.0	0	180.0	180.0	0
Inorganics	Alkalinity (Bicarbonate)	mg/l	5	420.0	380.0	10	250.0	270.0	8	180.0	200.0	11
	Alkalinity (total) as CaCO3	mg/l	5	350.0	310.0	12	210.0	220.0	5	150.0	170.0	13
	Ammonia	mg/l	0.005		45-	L	45.	45.7		<0.005	<0.005	~
	Ammonia as N	μg/l	5	38.0	47.0	21	47.0 87000.0	42.0	11	<5.0	<5.0	~
	Chloride	mg/1	0.1	780.0	800.0	3		87000.0 0.3	0	80000.0	81000.0	1
	Fluoride Hydrogen sulfide	mg/l mg/l	0.1	<0.5	<0.5	~	0.3	0.3	U	0.4	0.4	0
	Kjeldahl Nitrogen Total	mg/l	0.05	40.5	40.0		2.7	2.7	0	2.2	3.3	40
	Nitrate (as N)	mg/l	0.005	1.7	1.4	19		/		1.2	1.2	0
	Nitrate (as NO3-)	mg/l	0.05	1.,	-112					5.5	5.5	0
	Nitrite (as N)	mg/l	0.005	< 0.005	< 0.005	~				< 0.005	<0.005	~
	Nitrite (as NO2-)	mg/l	0.05							< 0.05	< 0.05	~
	Nitrogen (Total Oxidised)	mg/l	0.005	1.7	1.4	19	0.02	0.02	0	1.2	1.2	0
	Nitrogen (Total)	μg/l	50	2500.0	2000.0	22	2700.0	2700.0	0	3400.0	4500.0	28
	Reactive Phosphorus as P	mg/l	0.002	< 0.002	< 0.002	~	0.01	0.009	11	0.006	0.008	29
	Silica (Filtered)	μg/l	50	30000.0	31000.0	3				9800.0	9800.0	0
	Silica (Filtered)	μg/l	1000				9900.0	9700.0	2			
	Sodium (Filtered)	mg/l	10				48000.0	48000.0	0			
	Sodium (Filtered)	mg/l	0.5	350.0	390.0	11 0	4100.0	E000 0	20	57000.0	52000.0	9
	Sulphido	mg/l	0.5	170.0	170.0	U	4100.0 <0.5	5000.0 <0.5	20 ~	4400.0 <0.5	4600.0 <0.5	4 ~
	Sulphide TDS	mg/l mg/l	10	2000.0	2000.0	0	\U.5	\U.5	~	NU.5	\U.5	<u> </u>
	Hardness as CaCO3 (Filtered)	mg/L	5	760.0	730.0	4						
	TSS	mg/l	5			-	1100.0	1000.0	10	1400.0	2200.0	44
				<u> </u>					10			
Lead	Lead (Filtered)	mg/l	0.001	< 0.001	< 0.001	~						
		0,										
Metals	Aluminium (Filtered)	mg/l	0.1				< 0.1	< 0.1	~	< 0.1	< 0.1	~
	Aluminium (Filtered)	mg/l	0.001	0.01	0.009	11						
	Aluminium	mg/l	0.5							18.0	18.0	0
	Aluminium	mg/l	0.02				11.0	11.0	0			
	Arsenic (Filtered)	mg/l	0.1				< 0.1	< 0.1	~	< 0.1	< 0.1	~
	Arsenic (Filtered)	mg/l	0.001	< 0.001	< 0.001	~						
	Cadmium (Filtered)	mg/l	0.01	-0.0004	-0.0004		< 0.01	< 0.01	~	< 0.01	< 0.01	~
	Cadmium (Filtered)	mg/1	0.0001	< 0.0001	< 0.0001	~	1100.0	1100.0	0			
	Calcium (Filtered)	mg/l	0.2	200.0	190.0	5	1100.0	1100.0	0	1100.0	1000.0	10
	Calcium (Filtered) Chromium (hexavalent)	mg/l mg/l	0.002	<0.002	<0.002	~				1100.0	1000.0	10
	Chromium (III+VI) (Filtered)	mg/l	0.1	40.002	10.002		< 0.1	< 0.1	~	< 0.1	< 0.1	~
	Chromium (III+VI) (Filtered)	mg/l	0.001	< 0.001	< 0.001	~	-0.1	-0.1		-0.12	-0.1	
	Chromium (Trivalent)	mg/l	0.005	< 0.005	< 0.005	~						
	Iron (Filtered)	mg/l	0.5				< 0.5	< 0.5	~	< 0.5	< 0.5	~
	Iron (Filtered)	mg/l	0.005	0.008	0.008	0						
	Iron	mg/l	0.5							25.0	23.0	8
	Iron	mg/l	0.02				12.0	13.0	8			
	Magnesium (Filtered)	mg/l	2				4300.0	4300.0	0			
	Magnesium (Filtered)	mg/l	0.1	63.0	62.0	2				4700.0	4300.0	9
	Manganese (Filtered)	mg/l	0.1		0.40	.	<0.1	<0.1	~	< 0.1	<0.1	~
	Manganese (Filtered)	mg/l	0.005	0.17	0.18	6			 			<u> </u>
	Manganese (Filtered)	mg/l	0.001	0.17	0.19	11 ~						<u> </u>
-	Mercury Nickel (Filtered)	mg/l	0.00005	<0.0001	<0.0001	~	<0.1	<0.1	~	<0.1	<0.1	~
	Nickel (Filtered) Phosphorus	mg/l mg/l	0.1	0.06	0.05	18	<0.1 0.04	<0.1 0.04	0	<0.1 0.21	0.25	17
	Potassium (Filtered)	mg/l	2	0.00	0.03	10	1700.0	1700.0	0	0.21	0.23	/
	Potassium (Filtered)	mg/l	0.1	10.0	10.0	0	_,,,,,,	_, 55.0	Ť	2100.0	2000.0	5
	Selenium (Filtered)	mg/l	0.2			Ť	< 0.2	<0.2	~	<0.2	<0.2	~
	Selenium (Filtered)	mg/l	0.002	< 0.002	< 0.002	~						
	Silicon (Filtered)	μg/1	400				4600.0	4500.0	2			
	Silicon (Filtered)	μg/l	20	14000.0	14000.0	0						
	Zinc (Filtered)	mg/l	0.1				< 0.1	< 0.1	~	< 0.1	< 0.1	~
	Zinc (Filtered)	mg/l	0.001	0.016	0.02	22						
Organic	Alkalinity (Carbonate)	mg/l	1	<1.0	<1.0	١	<1.0	<1.0	٧	<1.0	<1.0	~
		<u> </u>										<u> </u>
TPH	C6 - C9	μg/L	40	<40.0	<40.0	~						<u> </u>
	C10 - C14 C15 - C28	μg/L	50 200	<50.0 <200.0	<50.0 <200.0	~						
			1700	< 700 O	< 200.00	~			1			1
	C29-C36	μg/L μg/L	200	<200.0	<200.0							1

^{*}RPDs have only been considered where the concentrations of both the primary and duplicate sample are greater than the laboratory LOR **RPD values that exceed the adopted assessment criteria of 30% have been shaded in grey

Annex F

Laboratory Data





CLIENT DETAILS -

LABORATORY DETAILS

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SGS Reference Report Number

0000019717 17 May 2011 Date Reported

02 May 2011 Date Received

COMMENTS

The document is issued in accordance with NATA's accreditation requirements.

Accredited for compliance with ISO/IEC 17025. NATA accredited laboratory 2562(898/20210).

Samples `MW3', `MW4' and `MW5' were diluted due to high conductivity for metals. Hence the LORs were raised for these samples.

Samples received outside recommended technical holding times for Alkalinity and Hexavalent Chromium.

SIGNATORIES

Hue Thanh Ly Spectroscopy Chemist Jeremy Truong Inorganics Co-ordinator

Pamela Adams Organic Team Leader

Said Hirad

Laboratory Manager



PE057307 R0

	Sa S Sa	ple Number mple Matrix Sample Date Imple Name	PE057307.001 Water 30/4/11 16:37 MW1	PE057307.002 Water 30/4/11 16:37 MW2	PE057307.003 Water 30/4/11 16:37 MW3	PE057307.004 Water 30/4/11 16:37 MW4	PE057307.005 Water 30/4/11 16:37 MW5
Parameter	Units	LOR					
Total Dissolved Solids (TDS) in water Method: AN113							
Total Dissolved Solids Dried at 180°C	mg/L	10	2000	2000	9800	6700	130000
Alkalinity Method: AN135							
Total Alkalinity as CaCO3	mg/L	5	350	280	400	510	370
Carbonate Alkalinity as CO3	mg/L	1	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as HCO3	mg/L	5	420	340	490	630	450
Chloride by Discrete Analyser in Water Method: AN27	74						
Chloride	mg/L	1	780	930	5400	3900	87000
Sulphate in water Method: AN275							
Sulphate	mg/L	1	170	170	800	350	5200
Sulphide by Titration in Water Method: AN149							
Hydrogen Sulphide at 20 C	mg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Filterable Reactive Phosphorus (FRP) Method: AN278	3						
Filterable Reactive Phosphorus	mg/L	0.002	<0.002	0.004	0.003	0.008	0.007
Total Phosphorus by Kjeldahl Digestion DA in Water	Method: AN	1279/AN293					
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.06	0.09	0.16	0.79	0.11
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Me	thod: AN25	8					
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	1.7	3.3	1.9	0.82	1.1
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Nitrate Nitrogen, NO ₃ as N	mg/L	0.005	1.7	3.3	1.9	0.82	1.1
TKN Kjeldahl Digestion by Discrete Analyser Method	: AN281						
Total Nitrogen (calc)	mg/L	0.05	2.5	3.9	2.6	2.1	5.1
Low Level Ammonia Nitrogen by FIA Method: AN261							
Ammonia Nitrogen, NH ₃ as N	mg/L	0.005	0.038	0.20	0.054	0.74	0.056
Metals in Water (Dissolved) by ICPOES Method: AN3	20/AN321						
Calcium, Ca	mg/L	0.2	200	99	120	39	1000
Magnesium, Mg	mg/L	0.1	63	66	300	100	4100
Manganese, Mn	mg/L	0.005	0.17	<0.005	0.020	0.014	0.20
Potassium, K	mg/L	0.1	10	19	130	110	1900
Silica, Soluble	mg/L	0.05	30	26	34	19	10
Silicon, Si	mg/L	0.02	14	12	16	8.7	4.9
Sodium, Na	mg/L	0.5	350	570	3400	2700	48000
Hardness by Calculation	mg CaCO3/L	5	760	520	1500	520	19000

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PE057307 R0

	Sai S	ple Number mple Matrix ample Date mple Name	PE057307.001 Water 30/4/11 16:37 MW1	PE057307.002 Water 30/4/11 16:37 MW2	PE057307.003 Water 30/4/11 16:37 MW3	PE057307.004 Water 30/4/11 16:37 MW4	PE057307.00 Water 30/4/11 16:3' MW5
Parameter	Units	LOR					
Trace Metals (Dissolved) in Water by ICPMS Metho	od: AN318						
Aluminium, Al	μg/L	1	10	5	13	<5↑	<50↑
Arsenic, As	μg/L	1	<1	<1	<5↑	<5↑	<50↑
Cadmium, Cd	μg/L	0.1	<0.1	<0.1	<0.5↑	<0.5↑	<5.0↑
Chromium, Cr	μg/L	1	<1	<1	<5↑	<5↑	<50↑
Iron, Fe	μg/L	5	8	<5	<25↑	<25↑	<250↑
Lead, Pb	μg/L	1	<1	<1	<5↑	<5↑	<50↑
Manganese, Mn	μg/L	1	170	5	22	13	220
Selenium, Se	μg/L	2	<2	3	<10↑	<10↑	<100↑
Zinc, Zn	μg/L	1	16	13	20	10	<50↑
Mercury (dissolved) in Water Method: AN311/AN31	12						
Mercury	mg/L	0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00011
rivaient Unromium, Ur3+	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) M	ethod: AN121	0.003	V0.005	<0.005	<0.005	<0.005	<0.005
Calculation of Anion-Cation Balance (SAR Calc) M		-	1920	2120	10600	7710	<0.005 148000
Calculation of Anion-Cation Balance (SAR Calc) M	ethod: AN121						
Calculation of Anion-Cation Balance (SAR Calc) M Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method TRH C6-C9	ethod: AN121	-100	1920	2120	10600	7710	148000
Calculation of Anion-Cation Balance (SAR Calc) M. Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method TRH C6-C9 Surrogates	ethod: AN121 mg/L %	-100	1920 -3	2120 1	10600 1	7710 0	148000 -1
Calculation of Anion-Cation Balance (SAR Calc) M Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate)	ethod: AN121 mg/L % : AN433/AN434 μg/L	- -100	1920 -3 <40	2120 1 1	10600 1 -<40	7710 0	148000 -1 -1
Calculation of Anion-Cation Balance (SAR Calc) M Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate)	ethod: AN121 mg/L % : AN433/AN434 µg/L %	- -100 40	1920 -3 <40	2120 1 1 <40	10600 1 <40	7710 0	148000 -1 -1 <40
Calculation of Anion-Cation Balance (SAR Calc) M Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate)	ethod: AN121 mg/L % : AN433/AN434 µg/L % %	- -100 40	1920 -3 <40	2120 1 1 <40	10600 1 -<40 	7710 0 -<40 102 100	148000 -1 <40 106 109
Calculation of Anion-Cation Balance (SAR Calc) M Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) TRH (Total Recoverable Hydrocarbons) in Water M	ethod: AN121 mg/L % : AN433/AN434 µg/L % % % % lethod: AN403	- -100	1920 -3 <40 103 104 102 104	2120 1 1 <40 107 119 104 109	10600 1 1 <40 103 112 101 99	7710 0 -<40 102 100 98 97	148000 -1 <40 106 109 96 99
Calculation of Anion-Cation Balance (SAR Calc) M Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) TRH (Total Recoverable Hydrocarbons) in Water M TRH C10-C14	ethod: AN121 mg/L % : AN433/AN434 μg/L % % % % hg/L μg/L	- -100 40 - - - - -	1920 -3 <40 103 104 102 104	2120 1 1 <40 107 119 104 109	10600 1 1 <40 103 112 101 99	7710 0 -<40 	148000 -1 <40 106 109 96 99
Calculation of Anion-Cation Balance (SAR Calc) M. Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) TRH (Total Recoverable Hydrocarbons) in Water M. TRH C10-C14 TRH C15-C28	ethod: AN121 mg/L % : AN433/AN434 μg/L % hg/L μg/L μg/L μg/L	- -100 40 - - - - - - 50 200	1920 -3 <40 103 104 102 104 <50 <200	2120 1 1 <40 107 119 104 109	10600 1 1 <40 103 112 101 99	7710 0 -<40 	148000 -1 <40 106 109 96 99
Calculation of Anion-Cation Balance (SAR Calc) M Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) TRH (Total Recoverable Hydrocarbons) in Water M TRH C10-C14	ethod: AN121 mg/L % : AN433/AN434 μg/L % % % % hg/L μg/L	- -100 40 - - - - -	1920 -3 <40 103 104 102 104	2120 1 1 <40 107 119 104 109	10600 1 1 <40 103 112 101 99	7710 0 -<40 	148000 -1 <40 106 109 96 99

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	Sa S	ple Number mple Matrix Sample Date ample Name	PE057307.006 Water 30/4/11 16:37 DUP01	PE057307.007 Water 30/4/11 16:37 Trip Blank	PE057307.008 Water 30/4/11 16:37 RIN 1
Parameter Total Biocelond Collide (TDC) in the state of t	Units	LOR			
Total Dissolved Solids (TDS) in water Method: AN11	3				
Total Dissolved Solids Dried at 180°C	mg/L	10	2000	-	-
Alkalinity Method: AN135					
Total Alkalinity as CaCO3	mg/L	5	310	-	-
Carbonate Alkalinity as CO3	mg/L	1	<1	-	-
Bicarbonate Alkalinity as HCO3	mg/L	5	380	-	-
Chloride by Discrete Analyser in Water Method: AN2	274				
Chloride	mg/L	1	800	-	-
Sulphate in water Method: AN275	I				
Sulphate	mg/L	1	170	-	-
Sulphide by Titration in Water Method: AN149					
Hydrogen Sulphide at 20 C	mg/L	0.5	<0.5	-	-
Filterable Reactive Phosphorus (FRP) Method: AN27	78				
Filterable Reactive Phosphorus	mg/L	0.002	<0.002	-	-
Total Phosphorus by Kjeldahl Digestion DA in Water	Method: AN				
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.05	-	-
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA M	ethod: AN25	8			
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	1.4	-	-
Nitrite Nitrogen, NO ₂ as N	mg/L	0.005	<0.005	-	-
Nitrate Nitrogen, NO₃ as N	mg/L	0.005	1.4	-	-
TKN Kjeldahl Digestion by Discrete Analyser Method	d: AN281				
Total Nitrogen (calc)	mg/L	0.05	2.0	-	-
Low Level Ammonia Nitrogen by FIA Method: AN26	1				
Ammonia Nitrogen, NH ₃ as N	mg/L	0.005	0.047	-	-
Metals in Water (Dissolved) by ICPOES Method: AN	320/AN321			,	
Calcium, Ca	mg/L	0.2	190	-	-
Magnesium, Mg	mg/L	0.1	62	-	-
Manganese, Mn	mg/L	0.005	0.18	-	-
Potassium, K	mg/L	0.1	10 31	-	-
Silica, Soluble Silicon, Si	mg/L mg/L	0.05	14	-	-
Solium, Na	mg/L mg/L	0.02	390	-	-
Hardness by Calculation	mg CaCO3/L	5	730	-	-
	5455672		,		

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Parameter	Sar S	ple Number mple Matrix ample Date mple Name LOR	Water 30/4/11 16:37	PE057307.007 Water 30/4/11 16:37 Trip Blank	PE057307.008 Water 30/4/11 16:37 RIN 1
Trace Metals (Dissolved) in Water by ICPMS Method	: AN318				
Aluminium, Al	μg/L	1	9	<1	2
Arsenic, As	μg/L	1	<1	<1	<1
Cadmium, Cd	μg/L	0.1	<0.1	<0.1	<0.1
Chromium, Cr	μg/L	1	<1	<1	<1
Iron, Fe	μg/L	5	8	<5	<5
Lead, Pb	μg/L	1	<1	<1	<1
Manganese, Mn	μg/L	1	190	<1	<1
Selenium, Se	μg/L	2	<2	<2	<2
Zinc. Zn	μg/L	1	20	12	9
Mercury (dissolved) in Water Method: AN311/AN312	mg/L	0.00005	<0.0005	<0.00005	<0.00005
Hexavalent Chromium in water by Discrete Analyser	Method: AN	283			
Hexavalent Chromium, Cr6+	mg/L	0.002	<0.002	-	-
Trivalent Chromium, Cr3+	mg/L	0.005	<0.005	-	-
	hod: AN121				
Sum of lons*	mg/L	-	1930	-	-
Anion-Cation Balance	%	-100	-1	-	-
Volatile Petroleum Hydrocarbons in Water Method:	AN433/AN434	1			
TRH C6-C9	μg/L	40	<40	<40	<40
Surrogates					
Dibromofluoromethane (Surrogate)	%	-	103	104	107
d4-1,2-dichloroethane (Surrogate)	%	-	100	105	108
d8-toluene (Surrogate)	%	-	95	98	97
Bromofluorobenzene (Surrogate)	%	-	98	100	97
TRH (Total Recoverable Hydrocarbons) in Water Me	thod: AN403				
TRH C10-C14	μg/L	50	<50	-	-
TRH C15-C28	μg/L	200	<200	-	-
TRH C29-C36	μg/L	200	<200	-	-
Surrogates					
TRH (Surrogate)	%	-	74	-	-

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Alkalinity Method: ME-(AU)-[ENV]AN135

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Total Alkalinity as CaCO3	LB018729	mg/L	5	<5	0 - 3%	110%
Carbonate Alkalinity as CO3	LB018729	mg/L	1	<1		
Bicarbonate Alkalinity as HCO3	LB018729	mg/L	5	<5		

Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274

ı	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
ı		Reference					%Recovery	%Recovery
ı	Chloride	LB018886	mg/L	1	<1	0 - 2%	104 - 105%	110 - 119%

Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278

	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
1		Reference					%Recovery	%Recovery
ı	Filterable Reactive Phosphorus	LB018710	mg/L	0.002	<0.002	2 - 4%	105%	103%

Hexavalent Chromium in water by Discrete Analyser Method: ME-(AU)-[ENV]AN283

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Hexavalent Chromium, Cr6+	LB018860	mg/L	0.002	<0.002	0%	110%	114%
Trivalent Chromium, Cr3+	LB018860	mg/L	0.005	<0.005	0%		

Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261

	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
		Reference					%Recovery
ı	Ammonia Nitrogen, NH₃ as N	LB018769	mg/L	0.005	<0.005	0 - 2%	95 - 97%

Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312

ı	Parameter	QC	Units	LOR	МВ	DUP %RPD	LCS	MS
ı		Reference					%Recovery	%Recovery
ı	Mercury	LB018744	mg/L	0.00005	<0.00005	0%	103%	103%

Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Calcium, Ca	LB018752	mg/L	0.2	<0.2	1%	101%	81%
Magnesium, Mg	LB018752	mg/L	0.1	<0.1	1%	106%	93%
Manganese, Mn	LB018752	mg/L	0.005	<0.005	0%	102%	93%
Potassium, K	LB018752	mg/L	0.1	<0.1	0%	114%	101%
Silica, Soluble	LB018752	mg/L	0.05	<0.05			
Silicon, Si	LB018752	mg/L	0.02	<0.02	1%	117%	81%
Sodium, Na	LB018752	mg/L	0.5	<0.5	0%	107%	95%
Hardness by Calculation	LB018752	mg	5	<5			

Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258

With a te With Ogen and With te With Ogen (WOX) by TIA Method. If	IL-(AO)-[LIV]AN230					
Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
	Reference					%Recovery
Nitrate/Nitrite Nitrogen, NOx as N	LB018769	mg/L	0.005	<0.005	1 - 2%	97 - 100%
Nitrite Nitrogen, NO₂ as N	LB018769	mg/L	0.005	<0.005	0 - 17%	99 - 105%
Nitrate Nitrogen, NO₃ as N	LB018769	mg/L	0.005	<0.005		

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Sulphate in water Method: ME-(AU)-[ENV]AN275

ı	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
ı		Reference					%Recovery	%Recovery
ı	Sulphate	LB018886	mg/L	1	<1	2 - 8%	97 - 99%	NA

TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
	Reference					%Recovery
Total Nitrogen (calc)	LB018702	mg/L	0.05	<0.05	15%	NA

Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
	Reference					%Recovery
Total Dissolved Solids Dried at 180°C	LB018766	mg/L	10	<10	0 - 5%	99%
1	LB018911	mg/L	10	<10	0 - 1%	88 - 89%

Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN279/AN293

	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
п				%Recovery			
ı	Total Phosphorus (Kjeldahl Digestion)	LB018702	mg/L	0.01	<0.01	4 - 18%	80%

Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318

Parameter	QC Reference	Units	LOR	МВ	DUP %RPD	LCS %Recovery	MS %Recovery
Aluminium, Al	LB018757	μg/L	1	<1		114%	114%
Arsenic, As	LB018757	μg/L	1	<1	0 - 4%	114%	111%
Cadmium, Cd	LB018757	μg/L	0.1	<0.1		109%	102%
Chromium, Cr	LB018757	μg/L	1	<1		114%	115%
Iron, Fe	LB018757	μg/L	5	<5		101%	119%
Lead, Pb	LB018757	μg/L	1	<1	11 - 175%	107%	107%
Manganese, Mn	LB018757	μg/L	1	<1		117%	56%
Selenium, Se	LB018757	μg/L	2	<2	3%	110%	96%
Zinc, Zn	LB018757	μg/L	1	<1		101%	88%

TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403

Parameter	QC	Units	LOR	MB	LCS
	Reference				%Recovery
TRH C10-C14	LB018780	μg/L	50	<50	95%
TRH C15-C28	LB018780	μg/L	200	<200	110%
TRH C29-C36	LB018780	μg/L	200	<200	114%

Surrogates

	Parameter	QC Reference	Units	LOR	МВ	LCS %Recovery
ı	TRH (Surrogate)	LB018780	%	-	88%	91%

Volatile Petroleum Hydrocarbons in Water Method: ME-(AU)-[ENV]AN433/AN434

Р	arameter	QC	Units	LOR	MB	LCS
		Reference				%Recovery
T	TRH C6-C9	LB018699	μg/L	40	<40	99%

Surrogates

Surrogates					
Parameter	QC	Units	LOR	MB	LCS
	Reference				%Recovery
Dibromofluoromethane (Surrogate)	LB018699	%	-	96%	101%
d4-1,2-dichloroethane (Surrogate)	LB018699	%	-	99%	109%
d8-toluene (Surrogate)	LB018699	%	-	96%	102%
Bromofluorobenzene (Surrogate)	LB018699	%	-	93%	106%

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METHOD SUMMARY

METHOD	METHODOLOGY OF MARKET
AN020	METHODOLOGY SUMMARY Unpreserved water sample is filtered through a 0.45μm membrane filter and acidified with nitric acid similar to APHA3030B.
AN075	This method uses an alkaline digestion to solubilise both water-soluble and waterinsoluble forms of hexavalent chromium in solids. The solution is then pH adjusted and the hexavalent chromium concentration in solution determined colourimetrically. Please refer to method AN283. The addition of magnesium chloride in a phosphate buffer at the digestion stage assists with preventing oxidation of trivalent chromium to hexavalent chromium.
AN083	Separatory funnels are used for aqueous samples and extracted by transferring an appropriate volume (mass) of liquid into a separatory funnel and adding 3 serial aliquots of dichloromethane. Samples receive a single extraction at pH 7 to recover base / neutral analytes and two extractions at pH < 2 to recover acidic analytes. QC samples are prepared by spiking organic free water with target analytes and extracting as per samples.
AN113	Total Dissolved Solids: A well-mixed filtered sample of known volume is evaporated to dryness at 180°C and the residue weighed. Approximate methods for correlating chemical analysis with dissolved solids are available. Reference APHA 2540 C.
AN121	This method is used to calculation the balance of major Anions and Cations in water samples and converts major ion concentration to milliequivalents and then summed. Anions sum and Cation sum is calculated as a difference and expressed as a percentage.
AN135	Alkalinity (and forms of) by Titration: The sample is titrated with standard acid to pH 8.3 (P titre) and pH 4.5 (T titre) and permanent and/or total alkalinity calculated. The results are expressed as equivalents of calcium carbonate or recalculated as bicarbonate, carbonate and hydroxide. Reference APHA 2320. Internal Reference AN135
AN149	Sulphide by Iodometric Titration: Sulphide is precipitated as zinc sulphide to overcome interferences with sulphite and thiosulphate. After filtration, sulphide is determined titrimetrically. Reference APHA 4500-S2-
AN258	Nitrate and Nitrite by FIA: In an acidic medium, nitrate is reduced quantitatively to nitrite by cadmium metal. This nitrite plus any original nitrite is determined as an intense red-pink azo dye at 540 nm following diazotisation with sulphanilamide and subsequent coupling with N-(1-naphthyl) ethylenediamine dihydrochloride. Without the cadmium reduction only the original nitrite is determined. Reference APHA 4500-NO3- F.
AN261	Ammonia by Continuous Flow Analyser: Ammonium in a basic medium forms ammonia gas, which is separated from the sample matrix by diffusion through a polypropylene membrane. The ammonia is reacted with phenol and hypochlorite to form indophenol blue at an intensity proportional to the ammonia concentration. The blue colour is intensified with sodium nitroprusside and the absorbance measured at 630 nm. The sensitivity of the automated method is 10-20 times that of the macro method. Reference APHA 4500-NH3 H.
AN274	Chloride by Aquakem DA: Chloride reacts with mercuric thiocyanate forming a mercuric chloride complex. In the presence of ferric iron, highly coloured ferric thiocyanate is formed which is proportional to the chloride concentration. Reference APHA 4500CI-
AN275	Suphate by Aquakem DA: Sulphate is precipitated in an acidic medium with barium chloride. The resulting turbidity is measured photometrically at 405nm and compared with standard calibration solutions to determine the sulphate concentration in the sample. Reference APHA 4500-SO42 Internal reference AN275.
AN278	Reactive Phosphorus by Aquakem DA: Orthophosphate reacts with ammonium molybdate (Mo VI) and potassium antimonyl tartrate (Sb III) in acid medium to form an antimony-phosphomolybdate complex. This complex is subsequently reduced with ascorbic acid to form a blue colour and the absorbance is read at 880 nm. The sensitivity of the automated method is 10-20 times that of the macro method. Reference APHA 4500-P F
AN279/AN293	The sample is digested with Sulphuric acid, K2SO4 and CuSO4. All forms of phosphorus are converted into orthophosphate. The digest is cooled and placed on the Aquakem 250 discrete analyser for colorimetric analysis.

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METHOD SUMMARY

METHOD	METHODOLOGY SUMMARY
AN283	Hexavalent Chromium via Aquakem DA: Soluble hexavalent chromium forms a red/violet colour with diphenylcarbazide in acidic solution. This procedure is very sensitive and nearly specific for Cr6+. If total chromium is also measured the trivalent form of chromium Cr3+ can be calculated from the difference (Total Cr - Cr6+). Reference APHA3500CrB.
AN288	Digestion of the sample to convert amino nitrogen present in many organic materials to ammonium sulphate. Free ammonia and ammonium nitrogen also are converted to ammonium sulphate. Colorimetric determination of ammonium nitrogen using the Phenate-Hypochlorite Method (APHA, 2005). Ammonia, phenol and hypochlorite react in an alkaline buffered medium to form a blue coloured compound, indophenol. This reaction is catalysed by sodium nitroprusside. The intensity of the colour development is directly proportional to the concentration of ammonia-nitrogen.
AN311/AN312	Mercury by Cold Vapour AAS in Waters: Mercury ions are reduced by stannous chloride reagent in acidic solution to elemental mercury. This mercury vapour is purged by nitrogen into a cold cell in an atomic absorption spectrometer or mercury analyser. Quantification is made by comparing absorbances to those of the calibration standards. Reference APHA 3112/3500.
AN318	Determination of elements at trace level in waters by ICP-MS technique, in accordance with USEPA 6020A.
AN320/AN321	Metals by ICP-OES: Samples are preserved with 10% nitric acid for a wide range of metals and some non-metals. This solution is measured by Inductively Coupled Plasma. Solutions are aspirated into an argon plasma at 8000-10000K and emit characteristic energy or light as a result of electron transitions through unique energy levels. The emitted light is focused onto a diffraction grating where it is separated into components.
AN320/AN321	Photomultipliers or CCDs are used to measure the light intensity at specific wavelengths. This intensity is directly proportional to concentration. Corrections are required to compensate for spectral overlap between elements. Reference APHA 3120 B.
AN403	Total Recoverable Hydrocarbons: Determination of Hydrocarbons by gas chromatography after a solvent extraction. Detection is by flame ionisation detector (FID) that produces an electronic signal in proportion to the combustible matter passing through it. Total Recoverable Hydrocarbons (TRH) are routinely reported as four alkane groupings based on the carbon chain length of the compounds: C6-C9, C10-C14, C15-C28 and C29-C36.
AN403	Additionally, the volatile C6-C9 fraction may be determined by a purge and trap technique and GC/MS because of the potential for volatiles loss. Total Petroleum Hydrocarbons (TPH) follows the same method of analysis after silica gel cleanup of the solvent extract. Aliphatic/Aromatic Speciation follows the same method of analysis after fractionation of the solvent extract over silica with diffential polarity of the elluent solvents.
AN403	The GC/FID method is not well suited to the analysis of refined high boiling point materials (ie lubricating oils or greases) but is particularly suited for measuring diesel, kerosene and petrol if care to control volatility is taken. This method will detect naturally occurring hydrocarbons, lipids, animal fats, phenols and PAHs if they are present at sufficient levels, dependant on the use of specific cleanup/fractionation techniques. Reference USEPA 3510B, 8015B.
AN433/AN434	VOCs and C6-C9 Hydrocarbons by GC-MS P&T: VOC's are volatile organic compounds. The sample is presented to a gas chromatograph via a purge and trap (P&T) concentrator and autosampler and is detected with a Mass Spectrometer (MSD). Solid samples are initially extracted with methanol whilst liquid samples are processed directly. References: USEPA 5030B, 8020A, 8260.

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EOOTNOTES

IS Insufficient sample for analysis.

LNR Sample listed, but not received.

This analysis is not covered by the scope of accreditation.

Performed by outside laboratory.

LOR Limit of Reporting

All Raised or Lowered Limit of Reporting

Samples analysed as received. Solid samples expressed on a dry weight basis.

Some totals may not appear to add up because the total is rounded after adding up the raw values.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here:

QFH

QFL

QC result is above the upper tolerance

QC result is below the lower tolerance

The sample was not analysed for this analyte

http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service available on request and accessible at

http://www.sgs.com/terms_and_conditions.htm. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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STATEMENT OF QA/QC PERFORMANCE **AGAINST DATA QUALITY OBJECTIVES**

PE057307 R0

CLIENT DETAILS . LABORATORY DETAILS

Brent Carter Said Hirad Manager Contact

ERM Australia Pty Ltd Client Laboratory SGS Newburn Environmental

PO Box 7338 Cloisters Square Address 10 Reid Rd **PERTH WA 6850**

Newburn WA 6105

08 9321 5200 (08) 9373 3500 Telephone Telephone 08 9321 5262 (08) 9373 3556 Facsimile Facsimile

brent.carter@erm.com au.environmental.perth@sgs.com Fmail Email

0086269 Burrup TANPF Dampier PE057307 R0 SGS Reference Project A06631 0000019716 Order Number Report Number

17 May 2011 8 Samples Date Reported

COMMENTS

Address

All the laboratory data for each environmental matrix was compared to the SGS Environmental Services' stated data quality objectives (DQO).

Comments arising from the comparison were made and are reported below.

The data relating to sampling was taken from the chain of custody document and was supplied by the client.

This QA/QC statement must be read in conjunction with the referenced analytical report.

The statement and the analytical report must not be reproduced except in full.

All Data Quality Objectives were met with the exception of the following:

Extraction Date 6 Items

> Hexavalent Chromium in water by Discrete Analyser 8 Items

Analysis Date Alkalinity 6 Items

> Hexavalent Chromium in water by Discrete Analyser 8 Items

MS Trace Metals (Dissolved) in Water by ICPMS 1 Item

SAMPLE SUMMARY

COC Sample counts by matrix 8 Water Type of documentation received Date documentation received 2/5/2011 Samples received in good order Yes 2.5 Samples received without headspace Yes Sample temperature upon receipt SGS Sample container provider Turnaround time requested Standard Samples received in correct containers Sufficient sample for analysis Yes Yes Sample cooling method Ice Samples clearly labelled Yes Complete documentation received Yes Number of eskies/boxes received 1

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HOLDING TIME SUMMARY

HOLDING TIMES

DUP01

RIN 1

Trip Blank

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field sampling guide for containers and holding time" (Ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1 : 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

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Extraction and Analysis dates are shown in Green when within suggested criteria and in Bold with an appended dagger symbol and Red† when outside suggested criteria. If

Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Alkalinity Method: ME-(AL	J)-[ENV]AN135		_					
WW1	PE057307.001	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW2	PE057307.002	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW3	PE057307.003	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW4	PE057307.004	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
MW5	PE057307.005	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
OUP01	PE057307.006	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
Chloride by Discrete Analyse	er in Water Method: ME-(AU)-[ENVIAN274						
/IW1	PE057307.001	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
MW2	PE057307.002	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
/IW3	PE057307.003	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
/IW4	PE057307.004	LB018886	· ·	-	-	_	-	
/W5	PE057307.004	LB018886	30 Apr 2011 30 Apr 2011	02 May 2011 02 May 2011	28 May 2011 28 May 2011	06 May 2011 06 May 2011	28 May 2011 28 May 2011	06 May 201 06 May 201
OUP01	PE057307.005	LB018886	30 Apr 2011	02 May 2011 02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
	1 2007007.000	LD010000	30 Apr 2011	02 May 2011	20 May 2011	00 May 2011	20 May 2011	00 May 201
Filterable Reactive Phospho								
/IW1	PE057307.001	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
/IW2	PE057307.002	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
/IW3	PE057307.003	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
/IW4	PE057307.004	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
/IW5	PE057307.005	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
DUP01	PE057307.006	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
Hexavalent Chromium in wa	ter by Discrete Analyser Metho	d: ME-(AU)-[ENV]	AN283					
WW1	PE057307.001	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
MW2	PE057307.002	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW3	PE057307.003	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW4	PE057307.004	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW5	PE057307.005	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
OUP01	PE057307.006	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
rip Blank	PE057307.007	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
RIN 1	PE057307.008	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
Low Level Ammonia Nitroge	n by FIA Method: ME-(AU)-[EN	IVIAN261						
/IW1	PE057307.001	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
/IW2	PE057307.002	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
WW3	PE057307.003	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
MW4	PE057307.004	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
MW5	PE057307.005	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201
DUP01	PE057307.006	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
			007.pr 2011	02 may 2011	20 may 2011	00 may 2011	20 may 2011	00 May 201
Mercury (dissolved) in Water			20 4 = 2014	00 May 2044	00 May 2044	05 May 2014	00 May 2044	00 M 001
/W1	PE057307.001	LB018744	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201
/IW2	PE057307.002	LB018744	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201
/IW3	PE057307.003	LB018744	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201
/IW4	PE057307.004	LB018744	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201
/IW5	PE057307.005	LB018744	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201

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02 May 2011

02 May 2011

02 May 2011

28 May 2011

28 May 2011

28 May 2011

05 May 2011

05 May 2011

05 May 2011

28 May 2011

28 May 2011

28 May 2011

09 May 2011

09 May 2011

09 May 2011

30 Apr 2011

30 Apr 2011

30 Apr 2011

LB018744

LB018744

LB018744

PE057307.006

PE057307.007

PE057307.008



HOLDING TIME SUMMARY

HOLDING TIMES -

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•						· ·		
Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Metals in Water (Dissolved)) by ICPOES Method: ME-(AU)	-[ENV]AN320/AN3	21					
MW1	PE057307.001	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
WW2	PE057307.002	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
WW3	PE057307.003	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
MW4	PE057307.004	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
MW5	PE057307.005	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
DUP01	PE057307.006	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
Trip Blank	PE057307.007	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
RIN 1	PE057307.008	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
Nitrate Nitrogen and Nitrite	Nitrogen (NOx) by FIA Method:	ME-(AU)-[ENV]AN	N258					
WW1	PE057307.001	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
MW2	PE057307.002	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
WW3	PE057307.003	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 20
MW4	PE057307.004	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 20
MW5	PE057307.005	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 20
DUP01	PE057307.006	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 20
Sulphate in water Method WW1	d: ME-(AU)-[ENV]AN275 PE057307.001	LB018886	20 Apr 2011	02 May 2011	29 May 2011	06 May 2011	29 May 2011	06 May 20
MW2	PE057307.001	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011 28 May 2011	06 May 20
/W3	PE057307.002	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	,	,
WW4	PE057307.003	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 20
WW5	PE057307.004	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 20
DUP01	PE057307.006	LB018886	30 Apr 2011 30 Apr 2011	02 May 2011 02 May 2011	28 May 2011 28 May 2011	06 May 2011 06 May 2011	28 May 2011 28 May 2011	06 May 20
			0071012011	02 May 2011	20 May 2011	oo may 2011	20 May 2011	oo may 20
Sulphide by Titration in Wat								
MW1	PE057307.001	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
MW2	PE057307.002	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
VIVV3	PE057307.003	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
WW4	PE057307.004	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 20
MW5	PE057307.005	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 20
DUP01	PE057307.006	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
TKN Kjeldahl Digestion by	Discrete Analyser Method: ME-	(AU)-[ENV]AN281						
WW1	PE057307.001	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
MW2	PE057307.002	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
MW3	PE057307.003	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 20
MW4	PE057307.004	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 20
MW5	PE057307.005	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 20
			00 4 0044	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 20
	PE057307.006	LB018702	30 Apr 2011	02 May 2011	or may zor i		1	
DUP01	PE057307.006 S) in water Method: ME-(AU)-[E		30 Apr 2011	02 May 2011	or may zorr			
DUP01 Total Dissolved Solids (TDS)			30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	07 May 2011	06 May 20°
DUP01 Total Dissolved Solids (TDS)	S) in water Method: ME-(AU)-[E	NVJAN113	30 Apr 2011	02 May 2011	07 May 2011		-	-
DUP01 Total Dissolved Solids (TDS) MW1 MW2	S) in water Method: ME-(AU)-[E	NVJAN113 LB018766	30 Apr 2011 30 Apr 2011	,	07 May 2011 07 May 2011	05 May 2011 05 May 2011	07 May 2011	06 May 20°
DUP01 Total Dissolved Solids (TDS) MW1 MW2 MW3	PE057307.001 PE057307.002	NVJAN113 LB018766 LB018766	30 Apr 2011 30 Apr 2011 30 Apr 2011	02 May 2011 02 May 2011 02 May 2011	07 May 2011 07 May 2011 07 May 2011	05 May 2011 05 May 2011 07 May 2011	07 May 2011 07 May 2011	06 May 20°
DUP01	PE057307.002 PE057307.003	NVJAN113 LB018766 LB018766 LB018911	30 Apr 2011 30 Apr 2011	02 May 2011 02 May 2011	07 May 2011 07 May 2011	05 May 2011 05 May 2011	07 May 2011	06 May 201 06 May 201 07 May 201 07 May 201 07 May 201

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HOLDING TIME SUMMARY

HOLDING TIMES .

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Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Total Phosphorus by Kjelda	ahl Digestion DA in Water Metho	d: ME-(AU)-[ENV]	AN279/AN293					
/IW1	PE057307.001	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
IW2	PE057307.002	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
IW3	PE057307.003	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
IW4	PE057307.004	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
IW5	PE057307.005	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
UP01	PE057307.006	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
Trace Metals (Dissolved) in	Water by ICPMS Method: ME-	AU)-[ENV]AN318						
/IW1	PE057307.001	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 201
/IW2	PE057307.002	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 201
/IW3	PE057307.003	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 201
/IW4	PE057307.004	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 201
/IW5	PE057307.005	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 201
UP01	PE057307.006	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 201
rip Blank	PE057307.007	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 201
RIN 1	PE057307.008	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 201
	ydrocarbons) in Water Method: I							
MW1	PE057307.001	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 201
/IW2	PE057307.002	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 201
/IW3	PE057307.003	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 201
WW4	PE057307.004	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 201
MW5	PE057307.005	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 201
DUP01	PE057307.006	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 201
Volatile Petroleum Hydroca	urbons in Water Method: ME-(Al	J)-[ENV]AN433/AN	1434					
/IW1	PE057307.001	LB018699	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	13 Jun 2011	06 May 201
/IW2	PE057307.002	LB018699	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	13 Jun 2011	06 May 201
/IW3	PE057307.003	LB018699	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	13 Jun 2011	06 May 201
/IW4	PE057307.004	LB018699	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	13 Jun 2011	06 May 201
/IW5	PE057307.005	LB018699	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	13 Jun 2011	06 May 201
			00.4 0014	00 May 2011	07 May 2014		13 Jun 2011	06 May 201
OUP01	PE057307.006	LB018699	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	13 Juli 2011	00 May 201
OUP01 Frip Blank	PE057307.006 PE057307.007	LB018699 LB018699	30 Apr 2011 30 Apr 2011	02 May 2011 02 May 2011	07 May 2011 07 May 2011	04 May 2011 04 May 2011	13 Jun 2011	06 May 201

Samples received outside recommended technical holding times for Alkalinity and Hexavalent Chromium.

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Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery ^c
TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403					
TRH (Surrogate)	MW1	PE057307.001	%	40 - 130%	75
	MW2	PE057307.002	%	40 - 130%	76
	MW3	PE057307.003	%	40 - 130%	82
	MW4	PE057307.004	%	40 - 130%	75
	MW5	PE057307.005	%	40 - 130%	93
	DUP01	PE057307.006	%	40 - 130%	74
Volatile Petroleum Hydrocarbons in Water Method: ME-(AU)-[ENV]AN433/AN434					
Bromofluorobenzene (Surrogate)	MW1	PE057307.001	%	60 - 130%	104
	MW2	PE057307.002	%	60 - 130%	109
	MW3	PE057307.003	%	60 - 130%	99
	MW4	PE057307.004	%	60 - 130%	97
	MW5	PE057307.005	%	60 - 130%	99
	DUP01	PE057307.006	%	60 - 130%	98
	Trip Blank	PE057307.007	%	60 - 130%	100
	RIN 1	PE057307.008	%	60 - 130%	97
4-1,2-dichloroethane (Surrogate)	MW1	PE057307.001	%	60 - 130%	104
The distribution (Carrogato)	MW2	PE057307.002	%	60 - 130%	119
	MW3	PE057307.003	%	60 - 130%	112
	MW4	PE057307.004	%	60 - 130%	100
	MW5	PE057307.005	%	60 - 130%	109
	DUP01	PE057307.006	%	60 - 130%	100
	Trip Blank	PE057307.007	%	60 - 130%	105
	RIN 1	PE057307.008	%	60 - 130%	108
18-toluene (Surrogate)	MW1	PE057307.001	%	60 - 130%	102
(MW2	PE057307.002	%	60 - 130%	104
	MW3	PE057307.003	%	60 - 130%	101
	MW4	PE057307.004	%	60 - 130%	98
	MW5	PE057307.005	%	60 - 130%	96
	DUP01	PE057307.006	%	60 - 130%	95
	Trip Blank	PE057307.007	%	60 - 130%	98
	RIN 1	PE057307.008	%	60 - 130%	97
Dibromofluoromethane (Surrogate)	MW1	PE057307.001	%	60 - 140%	103
()	MW2	PE057307.002	%	60 - 140%	107
	MW3	PE057307.003	%	60 - 140%	103
	MW4	PE057307.004	%	60 - 140%	102
	MW5	PE057307.005	%	60 - 140%	106
	DUP01	PE057307.006	%	60 - 140%	103
	Trip Blank	PE057307.007	%	60 - 140%	104
	RIN 1	PE057307.008	%	60 - 140%	107

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METHOD BLANKS

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

		Control	BLK MB
Parameter	Units	LOR	
Alkalinity Method: ME-(AU)-[ENV]AN135 LB018729.001			
Total Alkalinity as CaCO3	mg/L	5	<5
LB018729,027			
Total Alkalinity as CaCO3	mg/L	5	<5
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB018886.001			
Chloride	mg/L	1	<1
LB018886.026			
Chloride	mg/L	1	<1
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 LB018710.001			
Filterable Reactive Phosphorus	mg/L	0.002	<0.002
Hexavalent Chromium in water by Discrete Analyser Method: ME-(AU)-[ENV]AN LB018860.001		0.000	10.000
Hexavalent Chromium, Cr6+	mg/L	0.002	<0.002
Trivalent Chromium, Cr3+	mg/L	0.005	<0.005
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB018769.001			
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	<0.005
LB018769.027			
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	<0.005
Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.001			
Mercury	mg/L	0.00005	<0.00005
Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.001			
Calcium, Ca	mg/L	0.2	<0.2
Magnesium, Mg	mg/L	0.1	<0.1
Manganese, Mn	mg/L	0.005	<0.005
Potassium, K	mg/L	0.1	<0.1
Silicon, Si	mg/L	0.02	<0.02
Sodium, Na	mg/L	0.5	<0.5

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METHOD BLANKS

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

		Control	BLK MB
Parameter	Units	LOR	
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)- LB018769.001	[ENV]AN258		
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	<0.005
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	<0.005
LB018769.024	<u>'</u>		
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	<0.005
Nitrite Nitrogen, NO ₂ as N	mg/L	0.005	<0.005
Sulphate in water Method: ME-(AU)-[ENV]AN275 LB018886.001	<u>'</u>		
Sulphate	mg/L	1	<1
LB018886.026			
Sulphate	mg/L	1	<1
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018766.001 Total Dissolved Solids Dried at 180°C	mg/L	10	<10
LB018766.024			
Total Dissolved Solids Dried at 180°C	mg/L	10	<10
LB018911.001			
Total Dissolved Solids Dried at 180°C	mg/L	10	<10
LB018911.025			
Total Dissolved Solids Dried at 180°C	mg/L	10	<10
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV LB018757.001	JAN318		
Aluminium, Al	μg/L	1	<1
Arsenic, As	μg/L	1 0.1	<1
Cadmium, Cd	μg/L	0.1	<0.1
Chromium, Cr	μg/L	5	<1 <5
Iron, Fe	μg/L	1	<1
Lead, Pb	μg/L	1	<1
Manganese, Mn	μg/L	2	<2
Selenium, Se Zinc, Zn	μg/L	1	<1
zinc, zn TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[i	μg/L ENVIAN403		- 1
LB018780.001		50	ZE0
TRH C10-C14	μg/L	50	<50
TRH C15-C28	µg/L	200	<200
TRH C29-C36	μg/L	200	<200

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Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

		Control	BLK MB
Parameter	Units	LOR	
Continued TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-LB018780.001 Surrogates	-[ENV]AN403		
TRH (Surrogate)	%	-	88
Volatile Petroleum Hydrocarbons in Water LB018699.001 TRH C6-C9	4 μg/L	40	<40
Surrogates			
Dibromofluoromethane (Surrogate)	%	-	96
d4-1,2-dichloroethane (Surrogate)	%	-	99
d8-toluene (Surrogate)	%	-	96
Bromofluorobenzene (Surrogate)	%	-	93

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PE057287.001-DUP



DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Sample Name

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Mainty Mance MS (M) (EN) (EN) (AN)	Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Sample Name							
Parameter Units LOR Original Result Duplicate Result Criteria % RPD %	Total Alkalinity as CaCO3	mg/L	5	21	21	39	2
Parameter		'	· · · · · · · · · · · · · · · · · · ·				
Adapting Method: ME-(AU)-(ENY)AN135 L801872.0113 mgL 5 84 82 21 2		S	Sample Name		PE05729	1.002-DUP	
Total Akalimky ac CaCCO3	Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Chicris by Discrete Analyser in Water Method: ME-(AU)-ENV/AN274							
Chloride mgL 1 7500 7500 15 0	Total Alkalinity as CaCO3	mg/L	5	84	82	21	2
Sulphate Nethod: ME-(AU)-[EN/JAN275							
Sample Name	Chloride	mg/L	1	7500	7500	15	0
Sample Name							
Parameter Units LOR Original Result Duplicate Result Criteria % RPD %	Sulphate	mg/L	1	670	650	15	3
Parameter							
Chloride by Discrete Analyser in Water Method: ME-(AU)-ENVJAN274		S	Sample Name		PE05729	1.004-DUP	
Chloride	Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Sulphate Method: ME-(AU)-[ENV]AN275							
Sulphate mg/L 1 570 550 15 5	Chloride	mg/L	1	6300	6300	15	1
Sample Name PE057296.002-DUP Parameter Units LOR Original Result Duplicate Result Criteria % RPD % Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018766.013 Total Dissolved Solids Dried at 180°C mg/L 10 152.00000000001 140 22 5 Sample Name PE057296.005-DUP Parameter Units LOR Original Result Duplicate Result Criteria % RPD % TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB018702.018							
Parameter Units LOR Original Result Duplicate Result Criteria % RPD % Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018766.013 Total Dissolved Solids Dried at 180°C mg/L 10 152.00000000001 140 22 5 Sample Name PE057296.005-DUP Parameter Units LOR Original Result Duplicate Result Criteria % RPD % TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB018702.018	Sulphate	mg/L	1	570	550	15	5
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113		S	Sample Name	_	PE05729	06.002-DUP	_
Total Dissolved Solids Dried at 180°C mg/L 10 152.00000000001 140 22 5	Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Sample Name PE057296.005-DUP Parameter Units LOR Original Result Duplicate Result Criteria % RPD % TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB018702.018							
Parameter Units LOR Original Result Duplicate Result Criteria % RPD % TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB018702.018	Total Dissolved Solids Dried at 180°C	mg/L	10	152.000000000001	140	22	5
Parameter Units LOR Original Result Duplicate Result Criteria % RPD % TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB018702.018							
TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB018702.018		S	Sample Name		PE05729	6.005-DUP	
LB018702.018	Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
0.05 0.007 0.00							
Iotal Nitrogen (calc) mg/L U.U5 U.107 U.U9 6U 15	Total Nitrogen (calc)	mg/L	0.05	0.107	0.09	60	15

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DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	5	Sample Name		PE05729		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Total Phosphorus by Kjeldahl Digestion DA in Water LB018702.018 Method: ME-(AU)-[ENV]AN:	279/AN293					
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.012	<0.01	126	18
		Annual Name		DE05720	98.001-DUP	
		Sample Name				
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN: LB018702.004	279/AN293					
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.05	0.05	37	4
	5	Sample Name		PE05730	02.002-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261			- Original Nesalt	Daphoute Result	— Shichia 70	
LB018769.013						
Ammonia Nitrogen, NH ₃ as N	mg/L	0.005	0.66	0.68	16	2
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN250 LB018769.013	8					
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.018	0.020	41	11 0
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	0	<0.005	200	0
	\$	ample Name		PE05730	7.002-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018766.026						
Total Dissolved Solids Dried at 180°C	mg/L	10	2000	2000	15	0
	\$	Sample Name		PE05730	7.005-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.009						
Mercury	μg/L	0.00005	0.00011	0.11	62	5
		Sample Name		DE05720	7.006-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Hexavalent Chromium in water by Discrete Analyser Method: ME-(AU)-[ENV]AN: LB018860.014	Z83					
Hexavalent Chromium, Cr6+	mg/L	0.002	<0.002	<0.002	200	0
Trivalent Chromium, Cr3+	mg/L	0.005	<0.005	<0.005	200	U

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PE057320.001-DUP





Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Sample Name

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Alkalinity Method: ME-(AU)-[ENV]AN135 LB018729.030						
Total Alkalinity as CaCO3	mg/L	5	310	300	17	3
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB018886.015						
Chloride	mg/L	1	1400	1400	15	1
Sulphate in water Method: ME-(AU)-[ENV]AN275 LB018886.015						
Sulphate	mg/L	1	800	870	15	8
	\$	Sample Name		PE05732	0.004-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB018769.029						
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.072	0.061	23	17
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN2 LB018769.026	58					
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.31	0.31	17	1
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	0.05	0.050	25	0
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018911.014						
Total Dissolved Solids Dried at 180°C	mg/L	10	4100	4100	15	1
	•	Sample Name		PE05/32	0.010-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 LB018710.015						
Filterable Reactive Phosphorus	mg/L	0.002	0.045	0.047	19	4
	\$	Sample Name	_	PE05732	0.011-DUP	_
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Alkalinity Method: ME-(AU)-[ENV]AN135 LB018729.041		LOR		Duphoute Result	Oricella /0	——————————————————————————————————————
Total Alkalinity as CaCO3	mg/L	5	360	360	16	0
Chloride by Discrete Analyser in Water LB018886.029 Method: ME-(AU)-[ENV]AN274		1 1				
Chloride	mg/L	1	710	730	15	2
						<u> </u>

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DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	:	Sample Name		PE05732	20.011-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Sulphate in water Method: ME-(AU)-[ENV]AN275						
LB018886.029						
		4	200	200	45	
Sulphate	mg/L	1	380	380	15	2
				BE01-100	00 040 DUD	
		Sample Name		PE05/32	20.012-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 LB018710.024						
Filterable Reactive Phosphorus	mg/L	0.002	0.006	0.006	51	2
-illerable reactive Filosphorus	IIIg/L	0.002	0.000	0.000		
		Sample Name		PE05732	22.002-DUP	
		- Maine		1 203/32		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB018769.040						
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	6.1	6.1	15	0
-				l	ı	
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018911.027						
Total Dissolved Solids Dried at 180°C	mg/L	10	1390	1400	16	0
	•	Sample Name		PE05732	22.007-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
			.	.,		
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258 LB018769.043						
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	1.8	1.8	15	2
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	0.011	0.013	57	17
	:	Sample Name	_	PE05733	34.002-DUP	-
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
LB018744.015	μg/L	0.00005	<0.0001	<0.0005	200	0
LB018744.015	µg/L	0.00005	<0.0001	<0.00005	200	0
Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321	µg/L	0.00005	<0.0001	<0.00005	200	0
Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.014	µg/L mg/L	0.00005	<0.0001	<0.00005	200	0
Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.014 Calcium, Ca						
Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.014 Calcium, Ca Magnesium, Mg	mg/L	0.2	64	65 43 <0.005	15	1
Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.014 Calcium, Ca Magnesium, Mg Manganese, Mn	mg/L mg/L	0.2	64 43	65 43 <0.005 24	15 15	1
LB018744.015 Mercury	mg/L mg/L mg/L	0.2 0.1 0.005	64 43 <0.005	65 43 <0.005	15 15 200	1 1 0

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Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	S	Sample Name		PE057334	4.002-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 LB018757.014						
Arsenic, As	μg/L	1	<0.002	<1	200	0
Lead, Pb	μg/L	1	0.002	2	59	11
Selenium, Se	μg/L	2	0.003	3	79	3
	S	ample Name		PE05733	5.004-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.023						
Mercury	μg/L	0.00005	<0.0001	<0.00005	200	0
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 LB018757.022						
Arsenic, As	μg/L	1	0.005	5	35	4
Lead, Pb	μg/L	1	<0.001	<1	200	175
Selenium, Se		2	0.003	3	74	3

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Nitrite Nitrogen, NO2 as N

LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Co	ntrol		LCS	STD	
Parameter	Units	LOR	Result	Expected Result	Criteria %	Recovery %
Alkalinity Method: ME-(AU)-[ENV]AN135						
LB018729.002						
Total Alkalinity as CaCO3	mg/L	5	49	45	85 - 115	108
	, ,					
LB018729.028						
Fotal Alkalinity as CaCO3	mg/L	5	49	45	85 - 115	110
our runaining as success	mg/L			-		
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB018886.002						
Chloride	mg/L	1	10	10	85 - 115	105
B018886.027						
Chloride	mg/L	1	10	10	85 - 115	104
ALION INC.	IIIg/L	,				
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 .B018710.002						
Filterable Reactive Phosphorus	mg/L	0.002	0.21	0.2	80 - 120	105
Hexavalent Chromium, Cr6+	mg/L	0.002	0.11	0.1	80 - 120	110
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB018769.002						
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.78	0.8	85 - 115	97
Hillionia Nili Ogen, Nris as N	Hig/L	0.000	00	0.0	00 110	0.
.B018769.028						
ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.76	0.8	85 - 115	95
Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 .B018744.002						
Mercury	mg/L	0.00005	0.0026	0	NA	103
Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 .B018752.002						
Calcium, Ca	mg/L	0.2	200	200	80 - 120	101
fagnesium, Mg	mg/L	0.1	210	200	80 - 120	106
fanganese, Mn	mg/L	0.005	2.0	2	80 - 120	102
Potassium, K	mg/L	0.1	2.3	2	80 - 120	114
Silicon, Si	mg/L	0.02	2.3	2 200	80 - 120 80 - 120	117 107
odium, Na	mg/L	0.0	210	200	0U - 1∠U	107
Iltrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258 B018769.002						
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.80	0.8	85 - 115	100
No. 1. No. 1.	mg/L	0.005	0.84	0.8	95 115	105

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0.005

0.84

0.8

85 - 115

105



LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or **Bold** with an appended dagger symbol and Red† when outside suggested criteria.

	Con	trol		LCS	STD	
Parameter	Units	LOR	Result	Expected Result	Criteria %	Recovery %
Continued Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]/	AN258					
B018769.025						
litrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.77	0.8	85 - 115	97
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	0.79	0.8	85 - 115	99
Sulphate in water Method: ME-(AU)-[ENV]AN275 LB018886.002						
Sulphate	mg/L	1	10	10	80 - 120	99
LB018886.027						
Sulphate	mg/L	1	10	10	80 - 120	97
Fotal Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018766.002						
Total Dissolved Solids Dried at 180°C	mg/L	10	260	300	80 - 120	87
.B018766.025						
Total Dissolved Solids Dried at 180°C	mg/L	10	300	300	80 - 120	99
.B018911.002						
Fotal Dissolved Solids Dried at 180°C	mg/L	10	270	300	80 - 120	89
B018911.026						
Fotal Dissolved Solids Dried at 180°C	mg/L	10	260	300	80 - 120	88
Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN279/AN3 B018702.002	293					
otal Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.40	0.5	80 - 120	80
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 .B018757.002						
Numinium, Al	μg/L	1	11	10	80 - 120	114
rsenic, As	μg/L	1 0.1	11	10	80 - 120	114
admium, Cd	μg/L	0.1	11 11	10 10	80 - 120 80 - 120	109 114
hromium, Cr	μg/L	5	10	10	80 - 120	101
on, Fe	μg/L	1	11	10	80 - 120	107
ead, Pb Manganese, Mn	μg/L	1	12	10	80 - 120	117
elenium, Se	μg/L	2	11	10	80 - 120	110
	μg/L	1	10	10	80 - 120	101
	μg/L			10	00 120	101
TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403						
TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403 B018780.002 METHOR C10-C14	μg/L	50	470	500	60 - 130	95
TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403 .B018780.002	µg/L µg/L	200	550	500	60 - 130	110
TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403 .B018780.002 IRH C10-C14						
TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403 B018780.002 TRH C10-C14 TRH C15-C28	μg/L	200	550	500	60 - 130	110

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LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Cont	rol		LCS	STD	
Parameter	Units	LOR	Result	Expected Result	Criteria %	Recovery %
Volatile Petroleum Hydrocarbons in Water Method: ME-(AU)-[ENV]AN433/AN434 LB018699.002						
TRH C6-C9	μg/L	40	<40	30	70 - 130	99
Surrogates						
Dibromofluoromethane (Surrogate)	μg/L	-	5.1	5	60 - 130	101
d4-1,2-dichloroethane (Surrogate)	μg/L	-	5.5	5	60 - 130	109
d8-toluene (Surrogate)	μg/L	-	5.1	5	60 - 130	102
Bromofluorobenzene (Surrogate)	μg/L	-	5.3	5	60 - 130	106

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QUALITY CONTROL - MATRIX SPIKES

Matrix spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report. Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

		Control		N	<i>I</i> IS	
Parameter	Units	LOR	Result	Original Result	Spike Added	Recovery %
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB018886.005						
Chloride	mg/L	1	200	82	100	119
150,0000						
LB01886.031 Chloride	ma/l	1	300	192.333	100	110
Chloride	mg/L	I I		102.000	100	110
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 LB018710.004						
Filterable Reactive Phosphorus	mg/L	0.002	0.21	<0.002	0.2	103
Hexavalent Chromium in water by Discrete Analyser LB018860.012 Method: ME-(AU)-[ENV]AN283	1		0.44	40,000	0.4	144
Hexavalent Chromium, Cr6+	mg/L	0.002	0.11	<0.002	0.1	114
Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.004						
Mercury	mg/L	0.00005	0.0021	<0.00005	0.0025	103
Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.004 Calcium, Ca	mg/L	0.2	360	200	200	81
Magnesium, Mg	mg/L	0.1	250	63	200	93
Manganese, Mn	mg/L	0.005	2.0	0.17	2	93
Potassium, K	mg/L	0.1	12	10	2	101
Silicon, Si	mg/L	0.02	16	14	2	81
Sodium, Na	mg/L	0.5	540	350	200	95
Sulphate in water Method: ME-(AU)-[ENV]AN275 LB018886.005						
Sulphate	mg/L	1	160	29	-	NA
LB018886.031						
Sulphate	mg/L	1	160	30.462	100	127
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 LB018757.004		,				
Aluminium, Al	μg/L	1	21	10	10	114
Arsenic, As	μg/L	1	12 10	<1 <0.1	10	111
Cadmium, Cd	µg/L	0.1	11	<0.1	10	115
Chromium, Cr Iron, Fe	μg/L μg/l	5	20	8	10	119
Lead, Pb	μg/L μg/L	1	11	<1	10	107
Manganese, Mn	µg/L	1	170	170	10	56†
Selenium, Se	µg/L	2	10	<2	10	96
Zinc, Zn	μg/L	1	25	16	10	88

Recovery failed acceptance criteria due to the presence of significant concentration of analyte (i.e. the concentration of analyte exceeds the spike level).

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MATRIX SPIKE DUPLICATES



Matrix spike duplicates are calculated as relative percent difference using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean The original result is the analyte concentration of the matrix spike and the replicate result is the analyte concentration of the matrix spike duplicate. The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability RPD is shown in Green when within suggested criteria or **Bold** with an appended dagger symbol and **Red†** when outside suggested criteria.

No Matrix Spike Duplicates were required for this job.

FOOTNOTES -

IS Insufficient sample for analysis. LNR Sample listed, but not received.

NATA Accreditation does not cover this analysis.

^ Performed by outside laboratory.

LOR Limit of Reporting

Samples analysed as received.
Solid samples expressed on a dry weight basis.

QFH QC result is above the upper tolerance
QFL QC result is below the lower tolerance
NA The sample was not analysed for this analyte

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf

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CLIENT DETAILS -

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SGS Reference Report Number

PE060993 R0 0000027829 03 Oct 2011

Date Reported Date Received

22 Sep 2011

COMMENTS

The document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC 17025. NATA accredited laboratory 2562(898/20210).

Samples diluted for Trace Metals; hence the LOR's were raised.

Spike recovery for Total AI and Fe on sample "MW1" outside acceptance criteria due to matrix interference. Confirmed by re-analysis.

Chloride and sulphate spike recoveries were outside acceptance criteria due to high background.

Ion Balance for sample "RIN01" outside acceptance criteria due to low Conductivity.

SIGNATORIES

Hue Thanh Ly Spectroscopy Chemist

Ohmar David Spectroscopy Chemist Jeremy Truong

Inorganics Co-ordinator

Pamela Adams Organic Team Leader Michael McKay

Inorganic Team Leader - Waters



PE060993 R0

	Samr	ple Number	PE060993.001	PE060993.002	PE060993.003	PE060993.004	PE060993.005
		nple Matrix	Water	Water	Water	Water	Water
		ample Date mple Name	20 Sep 2011 MW1	20 Sep 2011 MW2	20 Sep 2011 MW3	21 Sep 2011 MW4	21 Sep 2011 MW5
	Sai	Inple Name	IVI VV I	WWZ	WWVS	MAA	WWY
Parameter	Units	LOR					
Alkalinity Method: AN135							
Total Alkalinity as CaCO3	mg/L	5	320	290	450	370	210
Carbonate Alkalinity as CO3	mg/L	1	<1	<1	8	12	<1
Bicarbonate Alkalinity as HCO3	mg/L	5	390	350	530	420	250
Total and Volatile Suspended Solids (TSS / VSS) Me	thod: AN114						
Total Suspended Solids Dried at 105°C	mg/L	5	180	190	280	670	1100
Total outsperiode dollar bried at 100 C	mg/L		100	150	200	0/0	1100
Acidity and Free CO2 Method: AN140							
Acidity to pH 8.3	mg CaCO3/L	5	25	18	20	<5	55
Chloride by Discrete Analyser in Water Method: AN	274						
Chloride	mg/L	1	710	1200	3700	2500	87000
						1	
Sulphate in water Method: AN275							
Sulphate	mg/L	1	150	210	810	280	4100
Fluoride by Ion Selective Electrode in Water Method	I: AN141						
Floreside by ICF		0.4		0.6	4.4	0.7	
Fluoride by ISE	mg/L	0.1	0.4	0.6	1.4	0.7	0.3
Sulphide by Titration in Water Method: AN149							
Sulphide	mg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA M	lethod: AN258	3					
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	3.1	1.2	0.033	0.24	0.020
Low Level Ammonia Nitrogen by FIA Method: AN26	1						
Ammonia Nitrogen NH ₂ as N	ma/l	0.005	0.018	<0.005	0.057	0.018	0.047
Ammonia Nitrogen, NH ₃ as N	mg/L	0.005	0.018	<0.005	0.057	0.018	0.047
	-	0.005	0.018	<0.005	0.057	0.018	0.047
TKN Kjeldahl Digestion by Discrete Analyser Metho	d: AN281						
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen	d: AN281	0.05	0.28	0.20	0.18	0.31	2.7
TKN Kjeldahl Digestion by Discrete Analyser Metho	d: AN281						
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen	d: AN281	0.05	0.28	0.20	0.18	0.31	2.7
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen Total Nitrogen (calc)	d: AN281 mg/L mg/L	0.05	0.28	0.20	0.18	0.31	2.7
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen Total Nitrogen (calc) Total Phosphorus by Kjeldahl Digestion DA in Water	d: AN281 mg/L mg/L Method: AN	0.05 0.05 279/AN293	0.28 3.4	0.20	0.18 0.22	0.31	2.7 2.7
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen Total Nitrogen (calc) Total Phosphorus by Kjeldahl Digestion DA in Water	d: AN281 mg/L mg/L Method: AN:	0.05 0.05 279/AN293	0.28 3.4	0.20	0.18 0.22	0.31	2.7 2.7
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen Total Nitrogen (calc) Total Phosphorus by Kjeldahl Digestion DA in Water Total Phosphorus (Kjeldahl Digestion)	d: AN281 mg/L mg/L Method: AN:	0.05 0.05 279/AN293	0.28 3.4	0.20	0.18 0.22	0.31	2.7 2.7
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen Total Nitrogen (calc) Total Phosphorus by Kjeldahl Digestion DA in Water Total Phosphorus (Kjeldahl Digestion) Filterable Reactive Phosphorus (FRP) Method: AN2	d: AN281 mg/L mg/L Method: AN: mg/L 78	0.05 0.05 279/AN293	0.28 3.4 0.05	0.20 1.4 0.06	0.18 0.22 0.05	0.31 0.54 0.14	2.7 2.7 0.04
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen Total Nitrogen (calc) Total Phosphorus by Kjeldahl Digestion DA in Water Total Phosphorus (Kjeldahl Digestion) Filterable Reactive Phosphorus (FRP) Method: AN2: Filterable Reactive Phosphorus	d: AN281 mg/L mg/L Method: AN: mg/L 78	0.05 0.05 279/AN293	0.28 3.4 0.05	0.20 1.4 0.06	0.18 0.22 0.05	0.31 0.54 0.14	2.7 2.7 0.04
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen Total Nitrogen (calc) Total Phosphorus by Kjeldahl Digestion DA in Water Total Phosphorus (Kjeldahl Digestion) Filterable Reactive Phosphorus (FRP) Method: AN2 Filterable Reactive Phosphorus Metals in Water (Dissolved) by ICPOES Method: AN	d: AN281 mg/L mg/L Method: AN: mg/L 78 mg/L	0.05 0.05 279/AN293 0.01	0.28 3.4 0.05	0.20 1.4 0.06	0.18 0.22 0.05	0.31 0.54 0.14	2.7 2.7 0.04
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen Total Nitrogen (calc) Total Phosphorus by Kjeldahl Digestion DA in Water Total Phosphorus (Kjeldahl Digestion) Filterable Reactive Phosphorus (FRP) Method: AN2 Filterable Reactive Phosphorus Metals in Water (Dissolved) by ICPOES Method: AN Calcium, Ca	d: AN281 mg/L mg/L Method: AN: mg/L 78 mg/L 1320/AN321 mg/L	0.05 0.05 279/AN293 0.01 0.002	0.28 3.4 0.05	0.20 1.4 0.06	0.18 0.22 0.05 0.006	0.31 0.54 0.14 0.009	2.7 2.7 0.04
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen Total Nitrogen (calc) Total Phosphorus by Kjeldahl Digestion DA in Water Total Phosphorus (Kjeldahl Digestion) Filterable Reactive Phosphorus (FRP) Method: AN2 Filterable Reactive Phosphorus Metals in Water (Dissolved) by ICPOES Method: AN Calcium, Ca Magnesium, Mg	d: AN281 mg/L mg/L Method: AN: mg/L 78 mg/L 1320/AN321 mg/L mg/L	0.05 0.05 279/AN293 0.01 0.002	0.28 3.4 0.05 0.008	0.20 1.4 0.06 0.004	0.18 0.22 0.05 0.006	0.31 0.54 0.14 0.009	2.7 2.7 0.04 0.010
TKN Kjeldahl Digestion by Discrete Analyser Metho Total Kjeldahl Nitrogen Total Nitrogen (calc) Total Phosphorus by Kjeldahl Digestion DA in Water Total Phosphorus (Kjeldahl Digestion) Filterable Reactive Phosphorus (FRP) Method: AN2: Fitterable Reactive Phosphorus Metals in Water (Dissolved) by ICPOES Method: AN Calcium, Ca Magnesium, Mg Potassium, K	d: AN281 mg/L mg/L Method: AN: mg/L 78 mg/L 1320/AN321 mg/L mg/L mg/L	0.05 0.05 279/AN293 0.01 0.002	0.28 3.4 0.05 0.008	0.20 1.4 0.06 0.004	0.18 0.22 0.05 0.006	0.31 0.54 0.14 0.009	2.7 2.7 0.04 0.010

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PE060993 R0

	San Sa	ole Number nple Matrix ample Date mple Name	PE060993.001 Water 20 Sep 2011 MW1	PE060993.002 Water 20 Sep 2011 MW2	PE060993.003 Water 20 Sep 2011 MW3	PE060993.004 Water 21 Sep 2011 MW4	PE060993.005 Water 21 Sep 2011 MW5
Parameter Trace Metals (Dissolved) in Water by ICPMS Method	Units d: AN318	LOR					
Aluminium, Al	μg/L	1	2	2	19	<5↑	<100↑
Arsenic, As	µg/L	1	 <1	<1	<5↑	<5↑	<100↑
Cadmium, Cd	μg/L	0.1	<0.1	<0.1	<0.5↑	<0.5↑	<10↑
Chromium, Cr	μg/L	1	<1	<1	<5↑	<5↑	<100↑
Copper, Cu	μg/L	1	-		-	-	-
Iron, Fe	μg/L	5	<5	<5	<25↑	<25↑	<500↑
Lead, Pb	µg/L	1	-	-	-	-	-
Manganese, Mn	μg/L	1	46	1	14	11	<100↑
Nickel, Ni	μg/L	1	<1	<1	<5↑	<5↑	<100↑
Selenium, Se	μg/L	2	<2	<2	<10↑	<10↑	<200↑
Zinc, Zn	µg/L	1	27	21	47	29	<100↑
Metals in Water (Total) by ICPOES Method: AN022	2/AN320/AN321						
Total Aluminium	mg/L	0.02	1.8	4.2	5.8	21	11
Total Iron	mg/L	0.02	1.8	6.0	7.4	31	12
Calculation of Anion-Cation Balance (SAR Calc) Me	ethod: AN121						
Calculation of Anion-Cation Balance (SAR Calc) Me Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method:	%	-100	-6	-3	2	1	0
Anion-Cation Balance	%		-6	-3	2	-	0
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates	% AN433/AN434 µg/L	40					-
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate)	% AN433/AN434 µg/L %	40					-
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate)	% AN433/AN434 µg/L % %	40	-	-	-	-	-
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate)	% AN433/AN434 µg/L % % %		- - -		- - - -		
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate)	% AN433/AN434 µg/L % %	40	-	- -	-		-
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate)	% AN433/AN434 µg/L % % %		- - -		- - - -		
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons	% AN433/AN434 µg/L % % % % %		- - - -	- - - -	- - - -		
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene	% AN433/AN434 µg/L % % % % % %		- - - -	- - - -	- - - -		
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene	% AN433/AN434 µg/L % % % % % % µg/L µg/L µg/L µg/L		- - - -	- - - -			
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene Ethylbenzene	% AN433/AN434 µg/L % % % % % % µg/L µg/L µg/L µg/L µg/L		- - - - -	- - - -			
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene Ethylbenzene m/p-xylene	% AN433/AN434 µg/L % % % % % % µg/L µg/L µg/L µg/L µg/L µg/L		- - - - -				
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene Ethylbenzene m/p-xylene o-xylene	% AN433/AN434 µg/L % % % % % % µg/L µg/L µg/L µg/L µg/L µg/L		- - - - -				
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene Ethylbenzene m/p-xylene o-xylene Surrogates	% AN433/AN434 µg/L % % % % % µg/L µg/L µg/L µg/L µg/L µg/L		- - - - - - - - -		- - - - - - - - -		- - - - - - - - - -
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene Ethylbenzene m/p-xylene o-xylene Surrogates Dibromofluoromethane (Surrogate)	% AN433/AN434 µg/L % % % % % µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		- - - - - - - - -		- - - - - - - - - -		- - - - - - - - -

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Doramotor	Sar S	ole Number nple Matrix ample Date mple Name LOR	PE060993.006 Water 21 Sep 2011 DUP01	PE060993.007 Water 21 Sep 2011 RIN01	PE060993.008 Water 21 Sep 2011 TRIP01	PE060993.009 Water 21 Sep 2011 TRIP02
Parameter Alkalinity Method: AN135	Offics	LUK				
		-	200			
Total Alkalinity as CaCO3 Carbonate Alkalinity as CO3	mg/L	5	220	<5 <1	-	-
Bicarbonate Alkalinity as HCO3	mg/L mg/L	5	270	<5	-	-
Distributiate / Intalinity as 11000	IIIg/L	9	2,0			
Total and Volatile Suspended Solids (TSS / VSS) Me	thod: AN114					
Total Suspended Solids Dried at 105°C	mg/L	5	1000	-	-	-
Acidity and Free CO2 Method: AN140						
Acidity to pH 8.3	mg CaCO3/L	5	55	-	-	-
Chloride by Discrete Analyser in Water Method: AN	274	1	87000	<1	-	-
				1	1	1
Sulphate in water Method: AN275						
Sulphate	mg/L	1	5000	<1	-	-
Fluoride by Ion Selective Electrode in Water Method	I: AN141					
Fluoride by ISE	mg/L	0.1	0.3	-	-	-
Sulphide by Titration in Water Method: AN149 Sulphide	mg/L	0.5	<0.5	_	-	_
·	lethod: AN258					
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.020	-	-	-
Low Level Ammonia Nitrogen by FIA Method: AN26						
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.042	-	-	-
TKN Kjeldahl Digestion by Discrete Analyser Metho	d: AN281					
Total Kjeldahl Nitrogen	mg/L	0.05	2.7	-	-	-
Total Nitrogen (calc)	mg/L	0.05	2.7	-	-	-
Total Phosphorus by Kjeldahl Digestion DA in Water	Method: AN	279/AN293	3			
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.04	-		
Filterable Reactive Phosphorus (FRP) Method: AN2	78					
Filterable Reactive Phosphorus	mg/L	0.002	0.009	-	-	-
Metals in Water (Dissolved) by ICPOES Method: AN	I320/AN321					
Calcium, Ca	mg/L	0.2	1100	<0.2	-	-
Magnesium, Mg	mg/L	0.1	4300	<0.1	-	-
Potassium, K	mg/L	0.1	1700	<0.1	-	-
Silica, Soluble	mg/L	0.05	9.7	-	-	-
Silicon, Si	mg/L	0.02	4.5	-0.5	-	-
Sodium, Na	mg/L	0.5	48000	<0.5	-	-

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	Sa S	ple Number mple Matrix ample Date mple Name	PE060993.006 Water 21 Sep 2011 DUP01	PE060993.007 Water 21 Sep 2011 RIN01	PE060993.008 Water 21 Sep 2011 TRIP01	PE060993.009 Water 21 Sep 2011 TRIP02
Parameter	Units	LOR				
Trace Metals (Dissolved) in Water by ICPMS	Method: AN318					
Aluminium, Al	μg/L	1	<100↑	-	-	-
Arsenic, As	μg/L	1	<100↑	<1	-	-
Cadmium, Cd	μg/L	0.1	<10↑	<0.1	-	-
Chromium, Cr	μg/L	1	<100↑	<1	-	-
Copper, Cu	μg/L	1	-	<1	-	-
Iron, Fe	μg/L	5	<500↑	-	-	-
Lead, Pb	μg/L	1	-	<1	-	-
Manganese, Mn	μg/L	1	<100↑	-	-	-
Nickel, Ni	μg/L	1	<100↑	<1	-	-
Selenium, Se	μg/L	2	<200↑	-	-	-
Zinc, Zn	μg/L	1	<100↑	5	-	-
Metals in Water (Total) by ICPOES Method	: AN022/AN320/AN32	1				
Total Aluminium	mg/L	0.02	11	-	-	-
Total Iron	mg/L	0.02	13	=	-	-
Calculation of Anion-Cation Balance (SAR Cal	c) Method: AN121	-100	-1	-100	-	-
Anion-Cation Balance			-1	-100	-	-
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water	%		-1	-100	- <40	- <40
Anion-Cation Balance	% Method: AN433/AN434					- <40
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates	% Method: AN433/AN434					- <40
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate)	% Method: AN433/AN434 μg/L	40	-	-	<40	
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate)	% Method: AN433/AN434 µg/L %	40	- -	-	<40	91
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate)	% Method: AN433/AN434 µg/L % %	40	- - -	- -	<40 100 101	91 93
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434	% Method: AN433/AN434 µg/L % % % %	40	- - -	- - - -	<40 100 101 98	91 93 86
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons	% Method: AN433/AN434 µg/L % % % %	40	- - -	- - - -	<40 100 101 98	91 93 86
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene	% Method: AN433/AN434 µg/L % % % % %		- - - -	- - - - -	<40 100 101 98 96	91 93 86 86
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene	% Method: AN433/AN434 µg/L % % % % % % µg/L		- - - -	- - - - -	<0.5	91 93 86 86
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene Ethylbenzene	% Method: AN433/AN434 µg/L % % % % % µg/L µg/L µg/L		- - - - -	- - - - -	<0.5 0.6	91 93 86 86 86
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene Ethylbenzene m/p-xylene	% Method: AN433/AN434 µg/L µg/L µg/L µg/L µg/L µg/L µg/L		- - - - -	- - - - - -	<0.5 0.6 <0.5	91 93 86 86 86 -<0.5 -<0.5 -<0.5
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate)	% Method: AN433/AN434 µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		- - - - - -		<0.5 0.6 <0.5 <1	91 93 86 86 86 <0.5 <0.5 <0.5 <1
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene Ethylbenzene m/p-xylene o-xylene	% Method: AN433/AN434 µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L		- - - - - -		<0.5 0.6 <0.5 <1	91 93 86 86 86 <0.5 <0.5 <0.5 <1
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene Ethylbenzene m/p-xylene o-xylene Surrogates Dibromofluoromethane (Surrogate)	% Method: AN433/AN434		- - - - - - - -		<0.5 0.6 <0.5 <1 <0.5	91 93 86 86 86 <0.5 <0.5 <1 <0.5
Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene Toluene Ethylbenzene m/p-xylene o-xylene Surrogates	% Method: AN433/AN434		- - - - - - - - -		<0.5 0.6 <0.5 <1 <0.5 100	91 93 86 86 86 <0.5 <0.5 <1 <0.5

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Acidity and Free CO2 Method: ME-(AU)-[ENV]AN140

	Parameter	QC Reference	Units	LOR	МВ	DUP %RPD
ı	Acidity to pH 8.3	LB027991	mg	5	<5	0 - 14%

Alkalinity Method: ME-(AU)-[ENV]AN135

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
	Reference					%Recovery
Total Alkalinity as CaCO3	LB027789	mg/L	5	<5	0 - 3%	97 - 104%
Carbonate Alkalinity as CO3	LB027789	mg/L	1	<1		
Bicarbonate Alkalinity as HCO3	LB027789	mg/L	5	<5		

Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274

	Parameter	QC	Units	LOR	МВ	DUP %RPD	LCS	MS
ı		Reference					%Recovery	%Recovery
ı	Chloride	LB027947	mg/L	1	<1	1 - 3%	105 - 106%	NA

Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Filterable Reactive Phosphorus	LB027850	mg/L	0.002	<0.002	6%	114%	97%

Fluoride by Ion Selective Electrode in Water Method: ME-(AU)-[ENV]AN141

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Fluoride by ISE	LB028015	mg/L	0.1	<0.1	1%	93%	99%

Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261

ı	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
ı		Reference					%Recovery
ı	Ammonia Nitrogen, NH₃ as N	LB027870	mg/L	0.005	<0.005	0 - 43%	103 - 105%

Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Total Aluminium	LB027767	mg/L	0.02	<0.02	3%	105%	435%
Total Iron	LB027767	mg/L	0.02	<0.02	3%	104%	333%

Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Calcium, Ca	LB027769	mg/L	0.2	<0.2	0%	92%	72%
	LB027771	mg/L	0.2	<0.2	3%	88%	82%
Magnesium, Mg	LB027769	mg/L	0.1	<0.1	0%	95%	85%
	LB027771	mg/L	0.1	<0.1	2%	91%	91%
Potassium, K	LB027769	mg/L	0.1	<0.1	0%	96%	86%
	LB027771	mg/L	0.1	<0.1	2%	92%	89%
Silica, Soluble	LB027769	mg/L	0.05	<0.05			
Silicon, Si	LB027769	mg/L	0.02	<0.02		96%	94%
Sodium, Na	LB027769	mg/L	0.5	<0.5	0%	100%	105%
	LB027771	mg/L	0.5	<0.5	3%	96%	96%

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258

	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
ı		Reference					%Recovery
ı	Nitrate/Nitrite Nitrogen, NOx as N	LB027870	mg/L	0.005	<0.005	0 - 2%	98%

Sulphate in water Method: ME-(AU)-[ENV]AN275

	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
ı		Reference					%Recovery	%Recovery
	Sulphate	LB027947	mg/L	1	<1	6 - 13%	106 - 109%	92 - 108%

Sulphide by Titration in Water Method: ME-(AU)-[ENV]AN149

	Parameter	QC	Units	LOR	MB	LCS	
-1		Reference				%Recovery	
1	Sulphide	LB027859	mg/L	0.5	<0.5	82%	

TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
	Reference					%Recovery
Total Kjeldahl Nitrogen	LB027803	mg/L	0.05	<0.05	2 - 5%	90%
Total Nitrogen (calc)	LB027803	mg/L	0.05	<0.05		NA

Total and Volatile Suspended Solids (TSS / VSS) Method: ME-(AU)-[ENV]AN114

ı	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
ı		Reference					%Recovery
	Total Suspended Solids Dried at 105°C	LB027948	mg/L	5	<5	0 - 5%	91%

Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN279/AN293

Ì	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
ı		Reference					%Recovery
	Total Phosphorus (Kjeldahl Digestion)	LB027803	mg/L	0.01	<0.01	1 - 6%	107%

Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Aluminium, Al	LB027773	μg/L	1	<1		102%	
Arsenic, As	LB027773	μg/L	1	<1	0%	102%	99%
Cadmium, Cd	LB027773	μg/L	0.1	<0.1	0%	101%	101%
Chromium, Cr	LB027773	μg/L	1	<1	0%	99%	95%
Copper, Cu	LB027773	μg/L	1	<1	0%	97%	94%
Iron, Fe	LB027773	μg/L	5	<5		97%	
Lead, Pb	LB027773	μg/L	1	<1	0%	103%	98%
Manganese, Mn	LB027773	μg/L	1	<1		101%	
Nickel, Ni	LB027773	μg/L	1	<1	0%	100%	98%
Selenium, Se	LB027773	μg/L	2	<2		85%	
Zinc, Zn	LB027773	μg/L	1	<1	10%	100%	124%

VOCs in Water Method: ME-(AU)-[ENV]AN433/AN434

Monocyclic Aromatic Hydrocarbons

Parameter	QC Reference	Units	LOR	МВ	LCS %Recovery
Benzene	LB027792	μg/L	0.5	<0.5	86%
Toluene	LB027792	μg/L	0.5	<0.5	92%
Ethylbenzene	LB027792	μg/L	0.5	<0.5	87%
m/p-xylene	LB027792	μg/L	1	<1	
o-xylene	LB027792	μg/L	0.5	<0.5	

Surrogates

Parameter	QC Reference	Units	LOR	МВ	LCS %Recovery
Dibromofluoromethane (Surrogate)	LB027792	%	-	95%	108%
d4-1,2-dichloroethane (Surrogate)	LB027792	%	-	94%	115%

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

VOCs in Water Method: ME-(AU)-[ENV]AN433/AN434 (continued)

				MB	LCS
					%Recovery
d8-toluene (Surrogate)	LB027792	%	-	95%	102%
Bromofluorobenzene (Surrogate)	LB027792	%	-	93%	100%

Volatile Petroleum Hydrocarbons in Water Method: ME-(AU)-[ENV]AN433/AN434

ı	Parameter	QC	Units	LOR	MB	LCS
ı		Reference				%Recovery
ı	TRH C6-C9	LB027792	μg/L	40	<40	83%

Surrogates

Parameter	QC	Units	LOR	MB	LCS
	Reference				%Recovery
Dibromofluoromethane (Surrogate)	LB027792	%	-	95%	108%
d4-1,2-dichloroethane (Surrogate)	LB027792	%	-	94%	115%
d8-toluene (Surrogate)	LB027792	%	-	95%	102%
Bromofluorobenzene (Surrogate)	LB027792	%	-	93%	100%

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SGS

METHOD SUMMARY

METHOD	METHODOLOGY SUMMARY —
AN020	Unpreserved water sample is filtered through a 0.45µm membrane filter and acidified with nitric acid similar to APHA3030B.
AN022	Sample is prepared for metals analysis by digestion with Nitric Acid and made up to known volume.
AN022/AN320/AN321	Total (acid soluble) Metals by ICP-OES: Samples are digested in nitric or nitric and hydrochloric acids prior to analysis for a wide range of metals and some non-metals. This solution is measured by Inductively Coupled Plasma. Solutions are aspirated into an argon plasma at 8000-10000K and emit characteristic energy or light as a result of electron transitions through unique energy levels. The emitted light is focused onto a diffraction grating where it is separated into components.
AN114	Total Suspended and Volatile Suspended Solids: The sample is homogenised by shaking and a known volume is filtered through a pre-weighed GF/C filter paper and washed well with deionised water. The filter paper is dried and reweighed. The TSS is the residue retained by the filter per unit volume of sample. Reference APHA 2540 D. Internal Reference AN114
AN121	This method is used to calculation the balance of major Anions and Cations in water samples and converts major ion concentration to milliequivalents and then summed. Anions sum and Cation sum is calculated as a difference and expressed as a percentage.
AN135	Alkalinity (and forms of) by Titration: The sample is titrated with standard acid to pH 8.3 (P titre) and pH 4.5 (T titre) and permanent and/or total alkalinity calculated. The results are expressed as equivalents of calcium carbonate or recalculated as bicarbonate, carbonate and hydroxide. Reference APHA 2320. Internal Reference AN135
AN140	Acidity by Tritration: The water sample is titrated with sodium hydroxide to designated pH end point. In a sample containing only carbon dioxide, bicarbonates and carbonates, titration to pH 8.3 at 25°C corresponds to stoichiometric neutralisation of carbonic acid to bicarbonate. Method reference APHA 2310 B.
AN141	Determination of Fluoride by ISE: A fluoride ion selective electrode and reference electrode combination, in the presence of a pH/complexation buffer, is used to determine the fluoride concentration. The electrode millivolt response is measured logarithmically against fluoride concentration. Reference APHA F- C.
AN149	Sulphide by lodometric Titration: Sulphide is precipitated as zinc sulphide to overcome interferences with sulphite and thiosulphate. After filtration, sulphide is determined titrimetrically. Reference APHA 4500-S2-
AN258	Nitrate and Nitrite by FIA: In an acidic medium, nitrate is reduced quantitatively to nitrite by cadmium metal. This nitrite plus any original nitrite is determined as an intense red-pink azo dye at 540 nm following diazotisation with sulphanilamide and subsequent coupling with N-(1-naphthyl) ethylenediamine dihydrochloride. Without the cadmium reduction only the original nitrite is determined. Reference APHA 4500-NO3- F.
AN261	Ammonia by Continuous Flow Analyser: Ammonium in a basic medium forms ammonia gas, which is separated from the sample matrix by diffusion through a polypropylene membrane. The ammonia is reacted with phenol and hypochlorite to form indophenol blue at an intensity proportional to the ammonia concentration. The blue colour is intensified with sodium nitroprusside and the absorbance measured at 630 nm. The sensitivity of the automated method is 10-20 times that of the macro method. Reference APHA 4500-NH3 H.
AN274	Chloride by Aquakem DA: Chloride reacts with mercuric thiocyanate forming a mercuric chloride complex. In the presence of ferric iron, highly coloured ferric thiocyanate is formed which is proportional to the chloride concentration. Reference APHA 4500CI-
AN275	Suphate by Aquakem DA: Sulphate is precipitated in an acidic medium with barium chloride. The resulting turbidity is measured photometrically at 405nm and compared with standard calibration solutions to determine the sulphate concentration in the sample. Reference APHA 4500-SO42 Internal reference AN275.

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METHOD SUMMARY

METHOD	
METHOD -	METHODOLOGY SUMMARY
AN278	Reactive Phosphorus by Aquakem DA: Orthophosphate reacts with ammonium molybdate (Mo VI) and potassium antimonyl tartrate (Sb III) in acid medium to form an antimony-phosphomolybdate complex. This complex is subsequently reduced with ascorbic acid to form a blue colour and the absorbance is read at 880 nm. The sensitivity of the automated method is 10-20 times that of the macro method. Reference APHA 4500-P F
AN279/AN293	The sample is digested with Sulphuric acid, K2SO4 and CuSO4. All forms of phosphorus are converted into orthophosphate. The digest is cooled and placed on the Aquakem 250 discrete analyser for colorimetric analysis.
AN281	Digestion of the sample to convert amino nitrogen present in many organic materials to ammonium sulphate. Free ammonia and ammonium nitrogen also are converted to ammonium sulphate. Colorimetric determination of ammonium nitrogen using the Phenate-Hypochlorite Method (APHA, 2005). Ammonia, phenol and hypochlorite react in an alkaline buffered medium to form a blue coloured compound, indophenol. This reaction is catalysed by sodium nitroprusside. The intensity of the colour development is directly proportional to the concentration of ammonia-nitrogen.
AN318	Determination of elements at trace level in waters by ICP-MS technique, in accordance with USEPA 6020A.
AN320/AN321	Metals by ICP-OES: Samples are preserved with 10% nitric acid for a wide range of metals and some non-metals. This solution is measured by Inductively Coupled Plasma. Solutions are aspirated into an argon plasma at 8000-10000K and emit characteristic energy or light as a result of electron transitions through unique energy levels. The emitted light is focused onto a diffraction grating where it is separated into components.
AN320/AN321	Photomultipliers or CCDs are used to measure the light intensity at specific wavelengths. This intensity is directly proportional to concentration. Corrections are required to compensate for spectral overlap between elements. Reference APHA 3120 B.
AN433/AN434	VOCs and C6-C9 Hydrocarbons by GC-MS P&T: VOC's are volatile organic compounds. The sample is presented to a gas chromatograph via a purge and trap (P&T) concentrator and autosampler and is detected with a Mass Spectrometer (MSD). Solid samples are initially extracted with methanol whilst liquid samples are processed directly. References: USEPA 5030B, 8020A, 8260.

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EOOTNOTES

IS Insufficient sample for analysis.

LNR Sample listed, but not received.

This analysis is not covered by the scope of accreditation.

Performed by outside laboratory.

LOR Limit of Reporting

All Raised or Lowered Limit of Reporting

Samples analysed as received.

Solid samples expressed on a dry weight basis.

QFH QC result is above the upper tolerance
QFL QC result is below the lower tolerance
The sample was not analysed for this analyte

NVL Not Validated

Some totals may not appear to add up because the total is rounded after adding up the raw values.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf

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STATEMENT OF QA/QC PERFORMANCE AGAINST DATA QUALITY OBJECTIVES

PE060993 R0

CLIENT DETAILS ______ LABORATORY DETAILS

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Project0086269 BNPL BurrupSGS ReferencePE060993 R0Order Number(Not specified)Report Number0000027837

Samples 9 Date Reported 03 Oct 2011

COMMENTS

All the laboratory data for each environmental matrix was compared to the SGS Environmental Services' stated data quality objectives (DQO).

Comments arising from the comparison were made and are reported below.

The data relating to sampling was taken from the chain of custody document and was supplied by the client.

This QA/QC statement must be read in conjunction with the referenced analytical report.

The statement and the analytical report must not be reproduced except in full.

All Data Quality Objectives were met with the exception of the following:

Extraction Date Acidity and Free CO2 3 Items

Alkalinity 3 Items

Analysis Date Acidity and Free CO2 3 Items

Alkalinity 3 Items

MS Metals in Water (Total) by ICPOES 2 Items

Sulphate in water 1 Item

SAMPLE SUMMARY

Sample counts by matrix 9 Water Type of documentation received COC Date documentation received 22/9/2011 Samples received in good order Yes 14°C Samples received without headspace Yes Sample temperature upon receipt SGS Standard Sample container provider Turnaround time requested Samples received in correct containers Sufficient sample for analysis No Yes Ice Bricks Sample cooling method Samples clearly labelled Yes Complete documentation received Number of eskies/boxes received 2

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HOLDING TIME SUMMARY

HOLDING TIMES .

DUP01

PE060993.006

LB027870

21 Sep 2011

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field sampling guide for containers and holding time" (Ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1: 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

The extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and Analysis dates are shown in Green when within suggested criteria and in **Bold** with an appended dagger symbol and Red† when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Acidity and Free CO2 Method	d: ME-(AU)-[ENV]AN140							
MW1	PE060993.001	LB027991	20 Sep 2011	22 Sep 2011	21 Sep 2011	22 Sep 2011†	21 Sep 2011	22 Con 20114
WW2	PE060993.002	LB027991	20 Sep 2011	22 Sep 2011 22 Sep 2011	21 Sep 2011	22 Sep 2011†	21 Sep 2011	22 Sep 20111 22 Sep 20111
WW3	PE060993.003	LB027991	·					
WW4	PE060993.003	LB027991	20 Sep 2011	22 Sep 2011	21 Sep 2011	22 Sep 2011†	21 Sep 2011	22 Sep 2011
			21 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011
MW5 DUP01	PE060993.005 PE060993.006	LB027991 LB027991	21 Sep 2011 21 Sep 2011	22 Sep 2011 22 Sep 2011	22 Sep 2011 22 Sep 2011	22 Sep 2011 22 Sep 2011	22 Sep 2011 22 Sep 2011	22 Sep 2011 22 Sep 2011
			21 OCP 2011	22 OCP 2011	22 OCP 2011	22 OCP 2011	22 OCP 2011	22 OCP 2011
Alkalinity Method: ME-(AU)-[//W1	PE060993.001	LB027789	20 Sep 2011	22 Sep 2011	21 Sep 2011	22 Sep 2011†	21 Sep 2011	22 Sep 2011
WW2	PE060993.002	LB027789	20 Sep 2011	22 Sep 2011	21 Sep 2011	22 Sep 2011†	21 Sep 2011	22 Sep 2011
MW3	PE060993.003	LB027789	20 Sep 2011	22 Sep 2011	21 Sep 2011	22 Sep 2011†	21 Sep 2011	22 Sep 2011
MW4	PE060993.004	LB027789	21 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011
MW5	PE060993.005	LB027789	21 Sep 2011	22 Sep 2011	22 Sep 2011 22 Sep 2011		22 Sep 2011	22 Sep 2011
DUP01	PE060993.006	LB027789	·	·		22 Sep 2011	•	
RIN01	PE060993.007	LB027789	21 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011
XINU I	PE000993.007	LD02//09	21 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011
Chloride by Discrete Analyser in	n Water Method: ME-(AU)-[i	ENVJAN274						
/IW1	PE060993.001	LB027947	20 Sep 2011	22 Sep 2011	18 Oct 2011	28 Sep 2011	18 Oct 2011	29 Sep 2011
/IW2	PE060993.002	LB027947	20 Sep 2011	22 Sep 2011	18 Oct 2011	28 Sep 2011	18 Oct 2011	29 Sep 2011
MW3	PE060993.003	LB027947	20 Sep 2011	22 Sep 2011	18 Oct 2011	28 Sep 2011	18 Oct 2011	29 Sep 2011
/IW4	PE060993.004	LB027947	21 Sep 2011	22 Sep 2011	19 Oct 2011	28 Sep 2011	19 Oct 2011	29 Sep 2011
/IW5	PE060993.005	LB027947	21 Sep 2011	22 Sep 2011	19 Oct 2011	28 Sep 2011	19 Oct 2011	29 Sep 2011
DUP01	PE060993.006	LB027947	21 Sep 2011	22 Sep 2011	19 Oct 2011	28 Sep 2011	19 Oct 2011	29 Sep 2011
RIN01	PE060993.007	LB027947	21 Sep 2011	22 Sep 2011	19 Oct 2011	28 Sep 2011	19 Oct 2011	29 Sep 2011
Filterable Reactive Phosphorus	(FRP) Method: MF-/ALI\-IF	NVIAN278						1
MW1	PE060993.001	LB027850	20 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011
WW2	PE060993.002	LB027850	20 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011
WW3	PE060993.003	LB027850	20 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011	22 Sep 2011
WW4	PE060993.004	LB027850	21 Sep 2011	22 Sep 2011	23 Sep 2011	22 Sep 2011	23 Sep 2011	22 Sep 2011
MW5	PE060993.005	LB027850	21 Sep 2011	22 Sep 2011	23 Sep 2011	22 Sep 2011	23 Sep 2011	22 Sep 2011
DUP01	PE060993.006	LB027850	21 Sep 2011 21 Sep 2011	22 Sep 2011 22 Sep 2011	23 Sep 2011 23 Sep 2011	22 Sep 2011 22 Sep 2011	23 Sep 2011 23 Sep 2011	22 Sep 2011
			21 Sep 2011	22 Sep 2011	23 Sep 2011	22 Sep 2011	23 Sep 2011	22 Sep 2011
Fluoride by Ion Selective Electron			20.0 2044	22 Car 2044	40.0-+ 2044	20 Can 2044	40.0 -+ 2044	20 0 2014
MW1 MW2	PE060993.001	LB028015	20 Sep 2011	22 Sep 2011	18 Oct 2011	29 Sep 2011	18 Oct 2011	29 Sep 2011
	PE060993.002	LB028015	20 Sep 2011	22 Sep 2011	18 Oct 2011	29 Sep 2011	18 Oct 2011	29 Sep 2011
WW3	PE060993.003	LB028015	20 Sep 2011	22 Sep 2011	18 Oct 2011	29 Sep 2011	18 Oct 2011	29 Sep 2011
WW4	PE060993.004	LB028015	21 Sep 2011	22 Sep 2011	19 Oct 2011	29 Sep 2011	19 Oct 2011	29 Sep 2011
WW5	PE060993.005	LB028015	21 Sep 2011	22 Sep 2011	19 Oct 2011	29 Sep 2011	19 Oct 2011	29 Sep 2011
DUP01	PE060993.006	LB028015	21 Sep 2011	22 Sep 2011	19 Oct 2011	29 Sep 2011	19 Oct 2011	29 Sep 2011
Low Level Ammonia Nitrogen b								
MW1	PE060993.001	LB027870	20 Sep 2011	22 Sep 2011	18 Oct 2011	27 Sep 2011	18 Oct 2011	28 Sep 2011
WW2	PE060993.002	LB027870	20 Sep 2011	22 Sep 2011	18 Oct 2011	27 Sep 2011	18 Oct 2011	28 Sep 2011
MW3	PE060993.003	LB027870	20 Sep 2011	22 Sep 2011	18 Oct 2011	27 Sep 2011	18 Oct 2011	28 Sep 2011
VIW4	PE060993.004	LB027870	21 Sep 2011	22 Sep 2011	19 Oct 2011	27 Sep 2011	19 Oct 2011	28 Sep 2011
MW5	PE060993.005	LB027870	21 Sep 2011	22 Sep 2011	19 Oct 2011	27 Sep 2011	19 Oct 2011	30 Sep 2011

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22 Sep 2011

27 Sep 2011

19 Oct 2011

28 Sep 2011

19 Oct 2011



HOLDING TIME SUMMARY

HOLDING TIMES

MW5

DUP01

PE060993.005

PE060993.006

LB027803

LB027803

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field sampling guide for containers and holding time" (Ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1 : 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

The extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and Analysis dates are shown in Green when within suggested criteria and in Bold with an appended dagger symbol and Red† when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Metals in Water (Total) by ICP	OES Method: ME-(AU)-[El	NV]AN022/AN320/A	 N321					
vIW1	PE060993.001	LB027767	20 Sep 2011	22 Sep 2011	18 Mar 2012	26 Sep 2011	18 Mar 2012	29 Sep 201
/IW2	PE060993.002	LB027767	20 Sep 2011	22 Sep 2011	18 Mar 2012	26 Sep 2011	18 Mar 2012	29 Sep 201
MW3	PE060993.003	LB027767	20 Sep 2011	22 Sep 2011	18 Mar 2012	26 Sep 2011	18 Mar 2012	29 Sep 201
/IW4	PE060993.004	LB027767	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	29 Sep 201
MW5	PE060993.005	LB027767	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	30 Sep 201
DUP01	PE060993.006	LB027767	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	30 Sep 201
Metals in Water (Dissolved) by	ICPOES Method: ME-(AU)-[ENV]AN320/AN3	21					
/IW1	PE060993.001	LB027769	20 Sep 2011	22 Sep 2011	18 Mar 2012	26 Sep 2011	18 Mar 2012	27 Sep 201
/IW2	PE060993.002	LB027769	20 Sep 2011	22 Sep 2011	18 Mar 2012	26 Sep 2011	18 Mar 2012	27 Sep 201
IW3	PE060993.003	LB027769	20 Sep 2011	22 Sep 2011	18 Mar 2012	26 Sep 2011	18 Mar 2012	27 Sep 201
IW4	PE060993.004	LB027769	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	27 Sep 201
NW5	PE060993.005	LB027769	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	28 Sep 201
DUP01	PE060993.006	LB027769	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	28 Sep 201
RIN01	PE060993.007	LB027769	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	27 Sep 201
RIP01	PE060993.008	LB027771	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	29 Sep 201
TRIP02	PE060993.009	LB027771	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	29 Sep 201
			2. 33p 20		10 11141 2012	20 00p 20 · ·		
Nitrate Nitrogen and Nitrite Nitro								
IW1	PE060993.001	LB027870	20 Sep 2011	22 Sep 2011	18 Oct 2011	27 Sep 2011	18 Oct 2011	28 Sep 201
IW2	PE060993.002	LB027870	20 Sep 2011	22 Sep 2011	18 Oct 2011	27 Sep 2011	18 Oct 2011	28 Sep 201
/IW3	PE060993.003	LB027870	20 Sep 2011	22 Sep 2011	18 Oct 2011	27 Sep 2011	18 Oct 2011	28 Sep 201
/IW4	PE060993.004	LB027870	21 Sep 2011	22 Sep 2011	19 Oct 2011	27 Sep 2011	19 Oct 2011	28 Sep 201
MW5	PE060993.005	LB027870	21 Sep 2011	22 Sep 2011	19 Oct 2011	27 Sep 2011	19 Oct 2011	28 Sep 201
DUP01	PE060993.006	LB027870	21 Sep 2011	22 Sep 2011	19 Oct 2011	27 Sep 2011	19 Oct 2011	28 Sep 201
Sulphate in water Method: Mi	E-(AU)-[ENV]AN275							
/IW1	PE060993.001	LB027947	20 Sep 2011	22 Sep 2011	18 Oct 2011	28 Sep 2011	18 Oct 2011	29 Sep 201
/IW2	PE060993.002	LB027947	20 Sep 2011	22 Sep 2011	18 Oct 2011	28 Sep 2011	18 Oct 2011	29 Sep 201
/IW3	PE060993.003	LB027947	20 Sep 2011	22 Sep 2011	18 Oct 2011	28 Sep 2011	18 Oct 2011	29 Sep 201
/IW4	PE060993.004	LB027947	21 Sep 2011	22 Sep 2011	19 Oct 2011	28 Sep 2011	19 Oct 2011	29 Sep 201
WW5	PE060993.005	LB027947	21 Sep 2011	22 Sep 2011	19 Oct 2011	28 Sep 2011	19 Oct 2011	29 Sep 201
DUP01	PE060993.006	LB027947	21 Sep 2011	22 Sep 2011	19 Oct 2011	28 Sep 2011	19 Oct 2011	29 Sep 201
RIN01	PE060993.007	LB027947	21 Sep 2011	22 Sep 2011	19 Oct 2011	28 Sep 2011	19 Oct 2011	29 Sep 201
	Method: ME-(AU)-[ENV]AN	149						
Sulphide by Titration in Water	Method: ME-(AU)-[ENV]AN: PE060993.001	LB027859	20 Sep 2011	22 Sep 2011	27 Sep 2011	27 Sep 2011	27 Sep 2011	27 Sep 201
Sulphide by Titration in Water			20 Sep 2011 20 Sep 2011	22 Sep 2011 22 Sep 2011	27 Sep 2011 27 Sep 2011	27 Sep 2011 27 Sep 2011	27 Sep 2011 27 Sep 2011	-
Sulphide by Titration in Water //W1	PE060993.001	LB027859	•	22 Sep 2011	•	-	-	27 Sep 201
Sulphide by Titration in Water JIW1 JIW2 JIW3	PE060993.001 PE060993.002	LB027859 LB027859	20 Sep 2011	•	27 Sep 2011	27 Sep 2011	27 Sep 2011	27 Sep 201 27 Sep 201
Sulphide by Titration in Water JIW1 JIW2 JIW3 JIW4	PE060993.001 PE060993.002 PE060993.003	LB027859 LB027859 LB027859	20 Sep 2011 20 Sep 2011	22 Sep 2011 22 Sep 2011	27 Sep 2011 27 Sep 2011	27 Sep 2011 27 Sep 2011	27 Sep 2011 27 Sep 2011	27 Sep 201 27 Sep 201 27 Sep 201
Sulphide by Titration in Water IW1 IW2 IW3 IW4 IW4 IW4	PE060993.001 PE060993.002 PE060993.003 PE060993.004	LB027859 LB027859 LB027859 LB027859	20 Sep 2011 20 Sep 2011 21 Sep 2011	22 Sep 2011 22 Sep 2011 22 Sep 2011	27 Sep 2011 27 Sep 2011 28 Sep 2011	27 Sep 2011 27 Sep 2011 27 Sep 2011	27 Sep 2011 27 Sep 2011 28 Sep 2011	27 Sep 201 27 Sep 201 27 Sep 201 27 Sep 201
Sulphide by Titration in Water WW1 WW2 WW3 WW4 WW5 DUP01	PE060993.001 PE060993.002 PE060993.003 PE060993.004 PE060993.005 PE060993.006	LB027859 LB027859 LB027859 LB027859 LB027859 LB027859	20 Sep 2011 20 Sep 2011 21 Sep 2011 21 Sep 2011	22 Sep 2011 22 Sep 2011 22 Sep 2011 22 Sep 2011	27 Sep 2011 27 Sep 2011 28 Sep 2011 28 Sep 2011	27 Sep 2011 27 Sep 2011 27 Sep 2011 27 Sep 2011	27 Sep 2011 27 Sep 2011 28 Sep 2011 28 Sep 2011	27 Sep 201 27 Sep 201 27 Sep 201 27 Sep 201
Sulphide by Titration in Water WW1 WW2 WW3 WW4 WW5 DUP01 TKN Kjeldahi Digestion by Discr	PE060993.001 PE060993.002 PE060993.003 PE060993.004 PE060993.005 PE060993.006	LB027859 LB027859 LB027859 LB027859 LB027859 LB027859	20 Sep 2011 20 Sep 2011 21 Sep 2011 21 Sep 2011	22 Sep 2011 22 Sep 2011 22 Sep 2011 22 Sep 2011 22 Sep 2011	27 Sep 2011 27 Sep 2011 28 Sep 2011 28 Sep 2011 28 Sep 2011	27 Sep 2011 27 Sep 2011 27 Sep 2011 27 Sep 2011 27 Sep 2011	27 Sep 2011 27 Sep 2011 28 Sep 2011 28 Sep 2011 28 Sep 2011	27 Sep 201 27 Sep 201 27 Sep 201 27 Sep 201 27 Sep 201
Sulphide by Titration in Water WW1 WW2 WW3 WW4 WW5 DUP01 TKN Kjeldahi Digestion by Disco	PE060993.001 PE060993.002 PE060993.003 PE060993.004 PE060993.005 PE060993.006 rete Analyser Method: ME-	LB027859 LB027859 LB027859 LB027859 LB027859 LB027859 LB027859 (AU)-[ENV]AN281	20 Sep 2011 20 Sep 2011 21 Sep 2011 21 Sep 2011 21 Sep 2011 21 Sep 2011	22 Sep 2011 22 Sep 2011 22 Sep 2011 22 Sep 2011 22 Sep 2011 22 Sep 2011	27 Sep 2011 27 Sep 2011 28 Sep 2011 28 Sep 2011 28 Sep 2011 28 Sep 2011	27 Sep 2011 27 Sep 2011 27 Sep 2011 27 Sep 2011 27 Sep 2011 27 Sep 2011	27 Sep 2011 27 Sep 2011 28 Sep 2011 28 Sep 2011 28 Sep 2011 28 Sep 2011	27 Sep 201 27 Sep 201 27 Sep 201 27 Sep 201 27 Sep 201 27 Sep 201 26 Sep 201 26 Sep 201
Sulphide by Titration in Water WW1 WW2 WW3 WW4 WW5 DUP01 TKN Kjeldahi Digestion by Discrete	PE060993.001 PE060993.002 PE060993.003 PE060993.004 PE060993.005 PE060993.006 rete Analyser Method: ME- PE060993.001	LB027859 LB027859 LB027859 LB027859 LB027859 LB027859 LB027859 LB027859	20 Sep 2011 20 Sep 2011 21 Sep 2011 21 Sep 2011 21 Sep 2011	22 Sep 2011 22 Sep 2011 22 Sep 2011 22 Sep 2011 22 Sep 2011	27 Sep 2011 27 Sep 2011 28 Sep 2011 28 Sep 2011 28 Sep 2011	27 Sep 2011 27 Sep 2011 27 Sep 2011 27 Sep 2011 27 Sep 2011	27 Sep 2011 27 Sep 2011 28 Sep 2011 28 Sep 2011 28 Sep 2011	27 Sep 201 27 Sep 201 27 Sep 201 27 Sep 201 27 Sep 201

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22 Sep 2011

22 Sep 2011

28 Sep 2011

28 Sep 2011

26 Sep 2011

26 Sep 2011

28 Sep 2011

28 Sep 2011

26 Sep 2011

26 Sep 2011

21 Sep 2011

21 Sep 2011



HOLDING TIME SUMMARY

HOLDING TIMES -

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field sampling guide for containers and holding time" (Ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1: 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

The extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and Analysis dates are shown in Green when within suggested criteria and in **Bold** with an appended dagger symbol and Red† when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Total and Volatile Suspende	ed Solids (TSS / VSS) Method:	ME-(AU)-[ENV]AN	1114					
MW1	PE060993.001	LB027948	20 Sep 2011	22 Sep 2011	27 Sep 2011	27 Sep 2011	04 Oct 2011	27 Sep 2011
WW2	PE060993.002	LB027948	20 Sep 2011	22 Sep 2011	27 Sep 2011	27 Sep 2011	04 Oct 2011	27 Sep 2011
VIVV3	PE060993.003	LB027948	20 Sep 2011	22 Sep 2011	27 Sep 2011	27 Sep 2011	04 Oct 2011	27 Sep 2011
/IW4	PE060993.004	LB027948	21 Sep 2011	22 Sep 2011	28 Sep 2011	27 Sep 2011	04 Oct 2011	27 Sep 2011
WW5	PE060993.005	LB027948	21 Sep 2011	22 Sep 2011	28 Sep 2011	27 Sep 2011	04 Oct 2011	27 Sep 2011
DUP01	PE060993.006	LB027948	21 Sep 2011	22 Sep 2011	28 Sep 2011	27 Sep 2011	04 Oct 2011	27 Sep 2011
Total Phosphorus by Kjelda	hi Digestion DA in Water Metho	d: ME-(AU)-[ENV]	AN279/AN293					
MW1	PE060993.001	LB027803	20 Sep 2011	22 Sep 2011	27 Sep 2011	26 Sep 2011	27 Sep 2011	26 Sep 2011
MW2	PE060993.002	LB027803	20 Sep 2011	22 Sep 2011	27 Sep 2011	26 Sep 2011	27 Sep 2011	26 Sep 2011
WW3	PE060993.003	LB027803	20 Sep 2011	22 Sep 2011	27 Sep 2011	26 Sep 2011	27 Sep 2011	26 Sep 2011
/IW4	PE060993.004	LB027803	21 Sep 2011	22 Sep 2011	28 Sep 2011	26 Sep 2011	28 Sep 2011	26 Sep 2011
/IW5	PE060993.005	LB027803	21 Sep 2011	22 Sep 2011	28 Sep 2011	26 Sep 2011	28 Sep 2011	26 Sep 2011
DUP01	PE060993.006	LB027803	21 Sep 2011	22 Sep 2011	28 Sep 2011	26 Sep 2011	28 Sep 2011	26 Sep 2011
Trace Metals (Dissolved) in	Water by ICPMS Method: ME-(AU)-[ENV]AN318	20 Sep 2011	22 Sep 2011	18 Mar 2012	26 Sep 2011	18 Mar 2012	29 Sep 2011
MW2	PE060993.002	LB027773	20 Sep 2011	22 Sep 2011	18 Mar 2012	26 Sep 2011	18 Mar 2012	29 Sep 2011
VIVV3	PE060993.003	LB027773	20 Sep 2011	22 Sep 2011	18 Mar 2012	26 Sep 2011	18 Mar 2012	29 Sep 2011
WW4	PE060993.004	LB027773	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	29 Sep 2011
WW5	PE060993.005	LB027773	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	29 Sep 2011
DUP01	PE060993.006	LB027773	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	29 Sep 2011
RIN01	PE060993.007	LB027773	21 Sep 2011	22 Sep 2011	19 Mar 2012	26 Sep 2011	19 Mar 2012	29 Sep 2011
	ME-(AU)-[ENV]AN433/AN434		·	·		·		·
TRIP01	PE060993.008	LB027792	21 Sep 2011	22 Sep 2011	28 Sep 2011	23 Sep 2011	02 Nov 2011	28 Sep 2011
RIP02	PE060993.009	LB027792	21 Sep 2011	22 Sep 2011	28 Sep 2011	23 Sep 2011	02 Nov 2011	28 Sep 2011
Volatile Petroleum Hydrocai	rbons in Water Method: ME-(AU	I)-[ENV]AN433/AN	1434					
TRIP01	PE060993.008	LB027792	21 Sep 2011	22 Sep 2011	28 Sep 2011	23 Sep 2011	02 Nov 2011	28 Sep 2011
TRIP02	PE060993.009	LB027792	21 Sep 2011	22 Sep 2011	28 Sep 2011	23 Sep 2011	02 Nov 2011	28 Sep 2011

Samples "MW1", "MW2" and "MW3" receive outside recommeded technical holding time for Alkalinity and Acidity analysis.

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Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions,

surfactants and particulates may void this as an acceptance criterion.

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
VOCs in Water Method: ME-(AU)-[ENV]AN433/AN434					
Bromofluorobenzene (Surrogate)	TRIP01	PE060993.008	%	60 - 130%	96
	TRIP02	PE060993.009	%	60 - 130%	86
d4-1,2-dichloroethane (Surrogate)	TRIP01	PE060993.008	%	40 - 130%	101
	TRIP02	PE060993.009	%	40 - 130%	93
d8-toluene (Surrogate)	TRIP01	PE060993.008	%	60 - 130%	98
	TRIP02	PE060993.009	%	60 - 130%	86
Dibromofluoromethane (Surrogate)	TRIP01	PE060993.008	%	60 - 130%	100
	TRIP02	PE060993.009	%	60 - 130%	91
Volatile Petroleum Hydrocarbons in Water Method: ME-(AU)-[ENV]AN433	/AN434				
Bromofluorobenzene (Surrogate)	TRIP01	PE060993.008	%	60 - 130%	96
	TRIP02	PE060993.009	%	60 - 130%	86
d4-1,2-dichloroethane (Surrogate)	TRIP01	PE060993.008	%	60 - 130%	101
	TRIP02	PE060993.009	%	60 - 130%	93
d8-toluene (Surrogate)	TRIP01	PE060993.008	%	60 - 130%	98
	TRIP02	PE060993.009	%	60 - 130%	86
Dibromofluoromethane (Surrogate)	TRIP01	PE060993.008	%	60 - 130%	100
	TRIP02	PE060993.009	%	60 - 130%	91

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METHOD BLANKS

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Parameter	Units	Control LOR	BLK MB
Acidity and Free CO2 Method: ME-(AU)-[ENV]AN140 LB027991.001			
Acidity to pH 8.3	mg CaCO3/L	5	<5
LB027991.023			
Acidity to pH 8.3	mg CaCO3/L	5	<5
Alkalinity Method: ME-(AU)-[ENV]AN135 LB027789.001			
Total Alkalinity as CaCO3	mg/L	5	<5
LB027789.025			
Total Alkalinity as CaCO3	mg/L	5	<5
LB027789.049			
Total Alkalinity as CaCO3	mg/L	5	<5
Chloride by Discrete Analyser in Water LB027947.001 Method: ME-(AU)-[ENV]AN274			
Chloride	mg/L	1	<1
LB027947.026			
Chloride	mg/L	1	<1
LB027947.050			
Chloride	mg/L	1	<1
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 LB027850.001			
Filterable Reactive Phosphorus	mg/L	0.002	<0.002
Fluoride by Ion Selective Electrode in Water Method: ME-(AU)-[ENV]AN141 LB028015.001			
Fluoride by ISE	mg/L	0.1	<0.1
LB028015.025			
Fluoride by ISE	mg/L	0.1	<0.1

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METHOD BLANKS

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Parameter	Units	Control LOR	BLK MB
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB027870.001			
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	<0.005
LB027870.024			
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	<0.005
Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN3 LB027767.001	20/AN321		
Total Aluminium	mg/L	0.02	<0.02
Total Iron	mg/L	0.02	<0.02
Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/ LB027769.001	AN321		
Calcium, Ca	mg/L	0.2	<0.2
Magnesium, Mg	mg/L	0.1	<0.1
Potassium, K	mg/L	0.1	<0.1
Silicon, Si	mg/L	0.02	<0.02
Sodium, Na	mg/L	0.5	<0.5
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[EN' LB027870.001	V]AN258		
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	<0.005
LB027870.024			
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	<0.005
Sulphate in water LB027947.001 Method: ME-(AU)-[ENV]AN275			
	mg/L	1	<1
LB027947.001	mg/L	1	<1
LB027947.001 Sulphate	mg/L	1 1	<1
LB027947.001 Sulphate LB027947.026 Sulphate			
LB027947.001 Sulphate LB027947.026			
LB027947.001 Sulphate LB027947.026 Sulphate LB027947.050	mg/L	1	<1

TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB027803.001

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Bromofluorobenzene (Surrogate)

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

		Control	BLK MB
Parameter	Units	LOR	
Continued TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(A LB027803.001	U)-[ENV]AN281		
Total Kjeldahl Nitrogen	mg/L	0.05	<0.05
Total and Volatile Suspended Solids (TSS / VSS) Method: ME-(AU)-[ENV LB027948.001	JAN114		
Total Suspended Solids Dried at 105°C	mg/L	5	<5
LB027948.024			
Total Suspended Solids Dried at 105°C	mg/L	5	<5
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN: LB027773.001	318		
Aluminium, Al	μg/L	1	<1
Arsenic, As	µg/L	1	<1
Cadmium, Cd	μg/L	0.1	<0.1
Chromium, Cr	μg/L	1	<1
Copper, Cu	μg/L	1	<1
Iron, Fe	μg/L	5	<5
Lead, Pb	μg/L	1	<1
Manganese, Mn	μg/L	1	<1
Nickel, Ni	μg/L	1	<1
Selenium, Se	μg/L	2	<2
Zinc, Zn	μg/L	1	<1
VOCs in Water Method: ME-(AU)-[ENV]AN433/AN434			
LB027792.001			
Monocyclic Aromatic Hydrocarbons			
Benzene	μg/L	0.5	<0.5
Toluene	μg/L	0.5	<0.5
Ethylbenzene	μg/L	0.5	<0.5
m/p-xylene	μg/L	1	<1
o-xylene	μg/L	0.5	<0.5
Surrogates			
Dibromofluoromethane (Surrogate)	%	-	95
d4-1,2-dichloroethane (Surrogate)	%	-	94
d8-toluene (Surrogate)	%	-	95
Bromofluorobenzene (Surrogate)	%	-	93
Volatile Petroleum Hydrocarbons in Water Method: ME-(AU)-[ENV]AN433 LB027792.001	//AN434		
TRH C6-C9	μg/L	40	<40
Surrogates	'		
Dibromofluoromethane (Surrogate)	%	-	95
d4-1,2-dichloroethane (Surrogate)	%	-	94
d8-toluene (Surrogate)	%	-	95
Promofiliarahanzana (Surragata)	0/	_	93

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RPD %



Alkalinity Method: ME-(AU)-[ENV]AN135

LB027789.060

Total Alkalinity as CaCO3

DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	S	ample Name		PE06098	9.002-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB027870.013						
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0	<0.005	200	0
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258 LB027870.013						
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.099	0.10	20	2
	S	Sample Name	_	PE06098	9.005-DUP	_
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Alkalinity Method: ME-(AU)-[ENV]AN135 LB027789.039						
Total Alkalinity as CaCO3	mg/L	5	520.3851	530	16	2
	S	Sample Name		PE06099	0.005-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB027870.026	Omio	2011	- Criginal Rosant	Dapiloute recourt	Critoria //	14.5 %
Ammonia Nitrogen, NH ₃ as N	mg/L	0.005	0	<0.005	200	0
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258 LB027870.026						
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0	<0.005	200	0
		Sample Name		PE06099	2.004-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB027947.041						
Chloride	mg/L	1	1700	1600	15	3
Sulphate in water Method: ME-(AU)-[ENV]AN275 LB027947.041						
Sulphate	mg/L	1	180	170	16	5

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5

mg/L

Original Result

300

Duplicate Result

300

17



DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Sa	ample Name		PE060993	.002-DUP	
Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
mg/L	1	1200	1300	15	1
mg/L	1	210	190	16	6
	Units mg/L	Units LOR	mg/L 1 1200	Units LOR Original Result Duplicate Result mg/L 1 1200 1300	Units LOR Original Result Duplicate Result Criteria %

	Sa	mple Name		PE06099	3.004-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Acidity and Free CO2 Method: ME-(AU)-[ENV]AN140 LB027991.012						
Acidity to pH 8.3	mg CaCO3/L	5	<5	<5	179	0
Total and Volatile Suspended Solids (TSS / VSS) Method: ME-(AU)-[ENV]AN11 LB027948.026	4					
Total Suspended Solids Dried at 105°C	mg/L	5	670	710	16	5

	S	ample Name		PE060993	.006-DUP	
² arameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278						
Filterable Reactive Phosphorus Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN	mg/L	0.002	0.009	0.010	67	6
Filterable Reactive Phosphorus		0.002	0.009	0.010	15	6

	Sample Name			PE0609		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB027769.011						
Calcium, Ca	mg/L	0.2	<0.2	<0.2	200	0
Magnesium, Mg	mg/L	0.1	<0.1	<0.1	200	0
Potassium, K	mg/L	0.1	<0.1	<0.1	200	0
Sodium, Na	mg/L	0.5	<0.5	<0.5	200	0

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DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Sample Name			PE060993.007-DUP		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 LB027773.013						
Arsenic, As	μg/L	1	<1	<1	200	0
Cadmium, Cd	μg/L	0.1	<0.1	<0.1	200	0
Chromium, Cr	μg/L	1	<1	<1	200	0
Copper, Cu	μg/L	1	<1	<1	200	0
Lead, Pb	μg/L	1	<1	<1	200	0
Nickel, Ni	μg/L	1	<1	<1	200	0
Zinc, Zn	μg/L	1	5	4	38	10
	S	Sample Name		PE060995.001-DUP		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Alkalinity Method: ME-(AU)-[ENV]AN135 LB027789.053						
Total Alkalinity as CaCO3	mg/L	5	150	150	18	0
	Sample Name			PE060998.005-DUP		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Alkalinity Method: ME-(AU)-[ENV]AN135 LB027789.014						
Total Alkalinity as CaCO3	mg/L	5	363.22462	370	16	1
	S	Sample Name		PE06099	8.015-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Alkalinity Method: ME-(AU)-[ENV]AN135 LB027789.028						
Total Alkalinity as CaCO3	mg/L	5	594.36756	570	16	3
<u> </u>						
	Sample Name			PE061004.001-DUP		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB027803.012						
Total Kjeldahl Nitrogen	mg/L	0.05	130	130	15	2
Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN27 LB027803.012	79/AN293				1	
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	14	14	15	4
	<i>5</i> -					

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Ammonia Nitrogen, NH₃ as N

DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	9	ample Name		PE06101	2 007-DHP		
	Sample Name			PE061012.007-DUP			
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %	
TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB027803.023							
Total Kjeldahl Nitrogen	mg/L	0.05	82	79	15	4	
Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN LB027803.023	279/AN293						
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	12	12	15	1	
	Sample Name			PE06101			
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %	
TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB027803.026							
Total Kjeldahl Nitrogen	mg/L	0.05	46	44	15	5	
Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN LB027803.026	279/AN293						
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	7.4	6.9	15	6	
	s	ample Name		PE061027.018-DUP			
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %	
Fluoride by Ion Selective Electrode in Water Method: ME-(AU)-[ENV]AN141 LB028015.020	Onits	LOK	Original Result	Duplicate Result	Griteria /6	KFD //	
Fluoride by ISE	mg/L	0.1	0.4	0.4	38	1	
	Sample Name			PE061041.002-DUP			
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %	
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB027870.037							
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.017	0.011	51	43	
Nitrate Nitrates and Nitrate Nitrates (NOA) by FIA Methods NF (ALI) TENDRANGE							
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN25 LB027870.037	8						
LB027870.037	8 mg/L	0.005	4.45	4.4	15	2	
LB027870.037	mg/L		4.45			2	
	mg/L	0.005	4.45		15 11.003-DUP	2	
LB027870.037	mg/L		4.45 Original Result			2 RPD %	
LB027870.037 Nitrate/Nitrite Nitrogen, NOx as N	mg/L S	ample Name		PE06104	11.003-DUP		

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0.005

mg/L

0

<0.005

200

0



DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Sample Name			PE06104		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258 LB027870.039			_			
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	5.426	5.5	15	2
		Sample Name		PE06104	4.002-DUP	
						/
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Fluoride by Ion Selective Electrode in Water Method: ME-(AU)-[ENV]AN141 LB028015.039						
Fluoride by ISE	mg/L	0.1	0.9	0.8	27	1
		Sample Name		PE06106	1.005-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
	Units	LOR	Original Result	Duplicate Result	Criteria %	KFD %
Total and Volatile Suspended Solids (TSS / VSS) Method: ME-(AU)-[ENV]AN114 LB027948.013						
Total Suspended Solids Dried at 105°C	mg/L	5	1.33333333333319	<5	200	0
		Sample Name		PE06107	2.003-DUP	
Parameter.	Units	LOR				RPD %
Parameter Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274	Units	LUK	Original Result	Duplicate Result	Criteria %	KPD %
LB027947.055						
Chloride	mg/L	1	4119.652	4100	15	1
			4113.032	4100	10	'
			4110.002	4100	10	1
Sulphate in water LB027947.055 Method: ME-(AU)-[ENV]AN275			7110.002	7100	10	
	mg/L	1	716.217	630	15	13
LB027947.055			716.217	630	15	
LB027947.055		1 Sample Name	716.217	630		
LB027947.055			716.217	630	15	
LB027947.055 Sulphate	\$	Sample Name	716.217	630 PE06107	15 '2.008-DUP	13
LB027947.055 Sulphate Parameter Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274	\$	Sample Name	716.217	630 PE06107	15 '2.008-DUP	13
LB027947.055 Sulphate Parameter Chloride by Discrete Analyser in Water LB027947.063 Method: ME-{AU}-{ENV}AN274	§ Units	Sample Name LOR	716.217 Original Result	630 PE06107 Duplicate Result	15 2.008-DUP Criteria %	13 RPD %
Sulphate Parameter Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB027947.063 Chloride Sulphate in water Method: ME-(AU)-[ENV]AN275	§ Units	Sample Name LOR	716.217 Original Result	630 PE06107 Duplicate Result	15 2.008-DUP Criteria %	13 RPD %

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PE061097.001-DUP

200





LB027991.033

Acidity to pH 8.3

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Sample Name

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

mg CaCO3/L

Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Acidity and Free CO2 Method: ME-(AU)-[ENV]AN140 LB027991.024						
Acidity to pH 8.3	mg CaCO3/L	5	19.6639	17	42	14
	Sar	mple Name		PE06109		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Additional Face COO. Mathed: ME (ALD IERD (AND 40)						

1.524333333333333

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LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Con	trol	LCS STD					
Parameter	Units	LOR	Result	Expected Result	Criteria %	Recovery %		
Alkalinity Method: ME-(AU)-[ENV]AN135								
_B027789.002								
Total Alkalinity as CaCO3	mg/L	5	44	45	85 - 115	97		
··· · · · · · · · · · · · · · · · · ·						1		
LB027789.026								
Total Alkalinity as CaCO3	mg/L	5	47	45	85 - 115	104		
otal Alkallity as Gaoos	mg/L	-						
LB027789.050								
Total Alkalinity as CaCO3	mg/L	5	47	45	85 - 115	104		
Oldi Aikaliiliy as CaCOS	IIIg/L							
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274								
LB027947.002								
Chloride	mg/L	1	10	10	85 - 115	105		
LB027947.027								
Chloride	mg/L	1	11	10	85 - 115	105		
	, 3			1		1		
LB027947.051								
Chloride	mg/L	1	11	10	85 - 115	106		
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278								
LB027850.002								
Filterable Reactive Phosphorus	mg/L	0.002	0.057	0.05	80 - 120	114		
Fluoride by Ion Selective Electrode in Water Method: ME-(AU)-[ENV]AN141 LB028015.007								
LDU20U13.UU7								
Fluoride by ISE	mg/L	0.1	1.7	2	80 - 120	87		
LB028015.037								
Fluoride by ISE	mg/L	0.1	1.9	2	80 - 120	93		
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB027870.002								
		0.005	0.83	0.0	0E 11E	102		
Ammonia Nitrogen, NH ₃ as N	mg/L	0.005	0.83	0.8	85 - 115	103		
Ammonia Nitrogen, NH ₃ as N	mg/L	0.005	0.83	0.8	85 - 115	103		
	mg/L							
LB027870.025	mg/L	0.005	0.83	0.8	85 - 115 85 - 115	103		
LB027870.025 Ammonia Nitrogen, NH₃ as N								
Ammonia Nitrogen, NH ₃ as N Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321								
Ammonia Nitrogen, NH ₃ as N Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321 B027767.002	mg/L	0.005	0.84	0.8	85 - 115	105		
Ammonia Nitrogen, NH ₃ as N Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321 LB027767.002 Total Aluminium	mg/L							
Ammonia Nitrogen, NH ₃ as N Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321 LB027767.002 Total Aluminium Total Iron	mg/L	0.005	0.84	0.8	85 - 115 80 - 120	105		
Ammonia Nitrogen, NH ₃ as N Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321 B027767.002 Total Aluminium Total Iron Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321	mg/L	0.005	0.84	0.8	85 - 115 80 - 120	105		
Ammonia Nitrogen, NH ₃ as N Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321 LB027767.002 Total Aluminium Total Iron Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB027769.002	mg/L mg/L mg/L	0.005	0.84 1.1 1.0	0.8	85 - 115 80 - 120 80 - 120	105 105 104		
Ammonia Nitrogen, NH ₃ as N Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321 LB027767.002 Total Aluminium Total Iron Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB027769.002 Calcium, Ca	mg/L mg/L mg/L	0.005	0.84	0.8	85 - 115 80 - 120	105		
Ammonia Nitrogen, NH ₃ as N Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321 LB027767.002 Total Aluminium	mg/L mg/L mg/L	0.005 0.02 0.02 0.02	0.84 1.1 1.0	0.8	80 - 120 80 - 120 80 - 120	105 105 104		
Ammonia Nitrogen, NH ₃ as N Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321 LB027767.002 Total Aluminium Total Iron Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB027769.002 Calcium, Ca Magnesium, Mg	mg/L mg/L mg/L mg/L	0.005 0.02 0.02 0.02	1.1 1.0 180 190	0.8 1 1 1 200 200	80 - 120 80 - 120 80 - 120 80 - 120	105 105 104 92 95		

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Zinc, Zn

LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or **Bold** with an appended dagger symbol and Red† when outside suggested criteria.

	Con	trol		LCS	STD	
Parameter	Units	LOR	Result	Expected Result	Criteria %	Recovery %
Continued Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN3:	21					
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258 LB027870.002						
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.79	0.8	85 - 115	98
LB027870.025						
		0.005	0.78	0.8	85 - 115	98
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.76	0.8	65 - 115	96
Sulphate in water Method: ME-(AU)-[ENV]AN275 LB027947.002						
Sulphate	mg/L	1	11	10	80 - 120	106
LB027947.027						
Sulphate	mg/L	1	11	10	80 - 120	108
Сиргас	mg/∟	·	·			1
LB027947.051						
		1	11	10	80 - 120	109
Sulphate	mg/L	· ·		10	00 - 120	109
Sulphide by Titration in Water Method: ME-(AU)-[ENV]AN149 LB027859.002						
Sulphide	mg/L	0.5	0.8	1	80 - 120	82
TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB027803.002						
Total Kjeldahl Nitrogen	mg/L	0.05	0.90	1	80 - 120	90
Total and Volatile Suspended Solids (TSS / VSS) Method: ME-(AU)-[ENV]AN114 LB027948.002						
Total Suspended Solids Dried at 105°C	mg/L	5	450	500	85 - 115	91
LB027948.025						
Total Suspended Solids Dried at 105°C	mg/L	5	450	500	85 - 115	90
Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN279/AN29 LB027803.002	3					
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.54	0.5	80 - 120	107
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 LB027773.002						
Aluminium, Al	μg/L	1	10	10	80 - 120	102
Arsenic, As	μg/L	0.1	10 10	10	80 - 120 80 - 120	102 101
Cadmium, Cd Chromium, Cr	μg/L μg/L	1	10	10	80 - 120	99
Copper, Cu	μg/L μg/L	1	10	10	80 - 120	97
Iron, Fe	µg/L	5	10	10	80 - 120	97
Lead, Pb	μg/L	1	10	10	80 - 120	103
Manganese, Mn	μg/L	1	10	10	80 - 120	101
Nickel, Ni	μg/L	1	10	10	80 - 120	100
	_	1 2	8	10	00 400	0.5
Selenium, Se	μg/L	2	10	10	80 - 120 80 - 120	85

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10

80 - 120

100





LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Con	trol		LCS STD				
Parameter	Units	LOR	Result	Expected Result	Criteria %	Recovery %		
Continued Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318								
VOCs in Water Method: ME-(AU)-[ENV]AN433/AN434 LB027792.002 Monocyclic Aromatic Hydrocarbons								
Benzene	μg/L	0.5	4.3	5	50 - 150	86		
Toluene	μg/L	0.5	4.6	5	50 - 150	92		
Ethylbenzene	μg/L	0.5	4.4	5	50 - 150	87		
Surrogates								
Dibromofluoromethane (Surrogate)	μg/L	-	5.4	5	60 - 130	108		
d4-1,2-dichloroethane (Surrogate)	μg/L	-	5.8	5	60 - 130	115		
d8-toluene (Surrogate)	μg/L	-	5.1	5	60 - 130	102		
Bromofluorobenzene (Surrogate)	μg/L	-	5.0	5	60 - 130	100		
Volatile Petroleum Hydrocarbons in Water LB027792.002 Method: ME-(AU)-[ENV]AN433/AN434								
TRH C6-C9	μg/L	40	<40	30	70 - 130	83		
Surrogates								
Dibromofluoromethane (Surrogate)	μg/L	-	5.4	5	60 - 130	108		
d4-1,2-dichloroethane (Surrogate)	μg/L	-	5.8	5	60 - 130	115		
d8-toluene (Surrogate)	μg/L	-	5.1	5	60 - 130	102		
Bromofluorobenzene (Surrogate)	μg/L	-	5.0	5	60 - 130	100		

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94

98

98

124

10

10

10

10

<1

<1

<1

6

10

10

18



Copper, Cu

Lead, Pb

Nickel, Ni

Zinc, Zn

QUALITY CONTROL - MATRIX SPIKES

Matrix spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report. Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

		Control		М	s 	
Parameter Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274	Units	LOR	Result	Original Result	Spike Added	Recovery %
LB027947.004						
Chloride	mg/L	1	15000	149849.625	100	NA
pike recovery is outside acceptance criteria due to high background.						
LB027947.031			0000	0500	100	0.4
Chloride	mg/L	1	2600	2500	100	84
LB027947.057						
Chloride	mg/L	1	120	0.514	100	116
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278						
LB027850.015		0.000	4.1	4.1	0.05	97
Filterable Reactive Phosphorus	mg/L	0.002	4.1	4.1	0.05	91
towards in anitodicity 0.400ml of high OO FDD antition Formal						
ample is spiked with 0.100ml of high QC FRP solution 50mg/L.						
Fluoride by Ion Selective Electrode in Water Method: ME-(AU)-[ENV]AN141 LB028015.010						
Fluoride by ISE	mg/L	0.1	0.9	0.4	0.5	99
Metals in Water (Total) by ICPOES Method: ME-(AU)-[ENV]AN022/AN320/AN321 B027767.004 Total Aluminium	ma/l	0.02	6.2	1.8	1	435†
Total Iron	mg/L mg/L	0.02	5.1	1.8	1	333†
	-	0.02				
ecovery for AI and Fe failed acceptance criteria due to matrix interference //etals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 B027769.004	2.					
		0.0	320	170	200	72
Calcium, Ca Vlagnesium, Mg	mg/L	0.2	220	54	200	85
Potassium, K	mg/L	0.1	25	7.9	20	86
Silicon, Si	mg/L	0.02	15	13	2	94
Sodium, Na	mg/L	0.5	520	300	200	105
Sulphate in water Method: ME-(AU)-[ENV]AN275 LB027947.004						
Sulphate	mg/L	1	18000	17555.355	100	448†
pike recovery is outside acceptance criteria due to high background.						
B027947.031						
Sulphate	mg/L	1	380	280	100	92
лирнае	mg/L	'				
_B027947.057						
Sulphate	mg/L	1	110	2.029	100	108
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 LB027773.004						
Arsenic, As	μg/L	1	10	<1	10	99
Cadmium, Cd	µg/L	0.1	10	<0.1	10	101
Chromium, Cr	μg/L	1	10	<1	10	95
			0	-1	10	0.4

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μg/L

μg/L

μg/L

μg/L







Matrix spike duplicates are calculated as relative percent difference using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean The original result is the analyte concentration of the matrix spike and the replicate result is the analyte concentration of the matrix spike duplicate. The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

No Matrix Spike Duplicates were required for this job.

FOOTNOTES _

IS Insufficient sample for analysis. Sample listed, but not received. LNR

NATA Accreditation does not cover this analysis.

here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf

٨ Performed by outside laboratory.

LOR Limit of Reporting

Samples analysed as received.

Solid samples expressed on a dry weight basis.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found

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OFH

QFL

NA

QC result is above the upper tolerance

QC result is below the lower tolerance

The sample was not analysed for this analyte

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SAMPLE RECEIPT ADVICE

CLIENT DETAILS _____ LABORATORY DETAILS _____

Contact James Gavshon Manager Said Hirad

Client ERM Australia Pty Ltd Laboratory SGS Newburn Environmental

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Email james.gavshon@erm.com Email au.environmental.perth@sgs.com

Project0086269 BNPL BurrupSamples ReceivedThu 22/9/2011Order Number(Not specified)Report DueFri 30/9/2011Samples9SGS ReferencePE060993

SUBMISSION DETAILS

Address

This is to confirm that 9 samples were received on Thursday 22/9/2011. Results are expected to be ready by Friday 30/9/2011. Please quote SGS reference PE060993 when making enquiries. Refer below for details relating to sample integrity upon receipt.

Sample counts by matrix 9 Water Type of documentation received COC Date documentation received 22/9/2011 Samples received in good order Yes Samples received without headspace Yes Sample temperature upon receipt 14°C Turnaround time requested Sample container provider SGS Standard Samples received in correct containers Nο Sufficient sample for analysis Yes Sample cooling method Ice Bricks Samples clearly labelled Yes Complete documentation received Number of eskies/boxes received Yes

Samples will be held for one month for water samples and two months for soil samples from date of report, unless otherwise instructed.

COMMENTS

Sample MW5 and DUP01 do not have bottles supplied for organics analysis requested on COC. Trip01 and 02 are both labelled 01 and have incorrect bottles for analysis on COC.

As per conversation between James Gavshon and Mairead Tynan, Trip Blanks analysed for C6-C9 and BTEX. Organics analysis for samples MW5 and DUP01 disregarded. DB

To the extent not inconsistent with the other provisions of this document and unless specifically agreed otherwise in writing by SGS, all SGS services are rendered in accordance with the applicable SGS General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm as at the date of this document. Attention is drawn to the limitations of liability and to the clauses of indemnification.

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SGS

SAMPLE RECEIPT ADVICE

CLIENT DETAILS

Client ERM Australia Pty Ltd Project 0086269 BNPL Burrup

SUMMARY OF ANALYSIS

No.	Sample ID	Acidity and Free CO2	Alkalinity	Chloride by Discrete Analyser in Water	Filterable Reactive Phosphorus (FRP)	Fluoride by Ion Selective Electrode in Water	Low Level Ammonia Nitrogen by FIA	Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA	Sulphate in water	Sulphide by Titration in Water	TKN Kjeldahl Digestion by Discrete Analyser	Total and Volatile Suspended Solids (TSS /	Total Phosphorus by Kjeldahl Digestion DA in	
001	MW1	1	3	1	1	1	1	1	1	1	2	1	1	
002	MW2	1	3	1	1	1	1	1	1	1	2	1	1	
003	MW3	1	3	1	1	1	1	1	1	1	2	1	1	
004	MW4	1	3	1	1	1	1	1	1	1	2	1	1	
005	MW5	1	3	1	1	1	1	1	1	1	2	1	1	
006	DUP01	1	3	1	1	1	1	1	1	1	2	1	1	
007	RIN01	-	3	1	-	-	-	-	1	-	-	-	-	

CONTINUED OVERLEAF

 $The above table \ represents \ SGS \ Environmental \ Services' \ interpretation \ of \ the \ client-supplied \ Chain \ Of \ Custody \ document.$

The numbers shown in the table indicate the number of results requested in each package.

Please indicate as soon as possible should your request differ from these details.

Testing as per this table shall commence immediately unless the client intervenes with a correction.

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SAMPLE RECEIPT ADVICE

CLIENT DETAILS

Client ERM Australia Pty Ltd Project 0086269 BNPL Burrup

SUMMARY OF ANALYSIS

No.	Sample ID	Calculation of Anion-Cation Balance	Metals in Water (Total) by ICPOES	Metals in Water (Dissolved) by ICPOES	Trace Metals (Dissolved) in Water by ICPMS	VOCs in Water	Volatile Petroleum Hydrocarbons in Water
001	MW1	1	2	6	9	-	-
002	MW2	1	2	6	9	-	-
003	MW3	1	2	6	9	-	-
004	MW4	1	2	6	9	-	-
005	MW5	1	2	6	9	-	-
006	DUP01	1	2	6	9	-	-
007	RIN01	1	-	4	7	-	-
008	TRIP01	-	-	-	-	9	5
009	TRIP02	-	-	-	-	9	5

The above table represents SGS Environmental Services' interpretation of the client-supplied Chain Of Custody document.

The numbers shown in the table indicate the number of results requested in each package.

Please indicate as soon as possible should your request differ from these details.

Testing as per this table shall commence immediately unless the client intervenes with a correction.

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LABORATORY DETAILS



CLIENT DETAILS -

Brent Carter Said Hirad Contact Manager

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Project 0086269 BNPL Hydro Burrup SGS Reference PE065491 R0 07444 0000036582 Order Number Report Number 8 13 Mar 2012 Date Reported Samples 04 Mar 2012 Date Received

COMMENTS

The document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC 17025. NATA accredited laboratory 2562(898/20210).

Samples "MW3", "MW4", "MW5" and "DUP01" were diluted due to high conductivity for metals. Hence the LORs were raised.

Total Fe and AI spike recovery for sample "MW1" was outside acceptance criteria due to high background.

SIGNATORIES

Ben Nicholson Metals Team Leader

Jeremy Truong Inorganics Co-ordinator Dale Lang Senior Organics Chemist

Stary

Michael McKay

Inorganic Team Leader - Waters

Hue Thanh Ly

Spectroscopy Chemist

Ohmar David

Spectroscopy Chemist



PE065491 R0

	Sam Sa	e Number ple Matrix mple Date aple Name	PE065491.001 Water 27 Feb 2012 MW1	PE065491.002 Water 27 Feb 2012 MW2	PE065491.003 Water 27 Feb 2012 MW3	PE065491.004 Water 28 Feb 2012 MW4	PE065491.00: Water 28 Feb 2012 MW5
Parameter	Units	LOR					
Total and Volatile Suspended Solids (TSS / VSS) Me	thod: AN114						
Total Suspended Solids Dried at 105°C	mg/L	5	220	84	230	1900	1400
Alkalinity Method: AN135							
Total Alkalinity as CaCO3	mg/L	5	300	300	460	390	150
Bicarbonate Alkalinity as HCO3	mg/L	5	370	370	560	480	180
Carbonate Alkalinity as CO3 Acidity and Free CO2 Method: AN140	mg/L	1	<1	<1	<1	<1	<1
Acidity to pH 8.3	mg CaCO3/L	5	230	180	120	66	180
Colour by Discrete Analyser Method: AN285	g	-		100			
Colour (True)	Hazen	1	<1	<1	1	<1	<1
Chloride by Discrete Analyser in Water Method: AN	274						
Chloride	mg/L	1	670	1400	4000	3200	80000
Sulphate in water Method: AN275							
Sulphate	mg/L	1	140	220	940	410	4400
Sulphide by Titration in Water Method: AN149 Sulphide	mg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	lethod: AN258	0.05				0.74	
Nitrate, NO ₃ as NO ₃ Nitrite, NO ₂ as NO ₂	mg/L mg/L	0.05	8.7 <0.05	2.7 <0.05	1.4 <0.05	0.74 <0.05	5.5 <0.05
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	2.0	0.62	0.32	0.17	1.2
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Nitrate Nitrogen, NO₃ as N	mg/L	0.005	2.0	0.62	0.32	0.17	1.2
Low Level Ammonia Nitrogen by FIA Method: AN26	1						
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	<0.005	0.030	<0.005	<0.005	<0.005
Ammonia, NH ₃	mg/L	0.005	<0.005	0.036	<0.005	<0.005	<0.005
TKN Kjeldahl Digestion by Discrete Analyser Metho	d: AN281						
Total Kjeldahl Nitrogen	mg/L	0.05	0.17	0.26	0.29	0.59	2.2
Total Nitrogen (calc)	mg/L	0.05	2.1	0.88	0.61	0.76	3.4
Total Phosphorus by Kjeldahl Digestion DA in Water	Method: AN2	79/AN293					
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.08	0.03	0.05	0.48	0.21
Filterable Reactive Phosphorus (FRP) Method: AN2	78						
Filterable Reactive Phosphorus	mg/L	0.002	<0.002	<0.002	<0.002	0.007	0.006
Fluoride by Ion Selective Electrode in Water Method	I: AN141						
Fluoride by ISE	mg/L	0.1	0.5	0.7	1.5	0.6	0.4
	I: AN318						
Aluminium, Al	μg/L	1	2	5	5	<5↑	<100↑
	μg/L	1	<1	<1	<5↑	<5↑	<100↑
Arsenic, As							
Cadmium, Cd	μg/L	0.1	<0.1	<0.1	<0.5↑	<0.5↑	<10↑
Cadmium, Cd Chromium, Cr	µg/L µg/L	1	<1	<1	<5↑	<5↑	<100↑
Cadmium, Cd	μg/L						

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PE065491 R0

	Sa S	ple Number mple Matrix Sample Date ample Name	PE065491.001 Water 27 Feb 2012 MW1	PE065491.002 Water 27 Feb 2012 MW2	PE065491.003 Water 27 Feb 2012 MW3	PE065491.004 Water 28 Feb 2012 MW4	PE065491.005 Water 28 Feb 2012 MW5
Parameter	Units	LOR					
Trace Metals (Dissolved) in Water by ICPMS Meth	od: AN318 (cor	ntinued)					
Manganese, Mn	μg/L	1	88	220	26	33	<100↑
Nickel, Ni	μg/L	1	<1	<1	<5↑	<5↑	<100↑
Selenium, Se	μg/L	2	<2	<2	<10↑	<10↑	<200↑
Zinc, Zn	μg/L	1	38	47	32	47	<100↑
Metals in Water (Dissolved) by ICPOES Method:	AN320/AN321						
Calcium, Ca	mg/L	0.2	180	240	95	49	1100
Magnesium, Mg	mg/L	0.1	53	140	210	96	4700
Potassium, K	mg/L	0.1	7.7	24	120	110	2100
Silica, Soluble	mg/L	0.05	29	24	33	19	9.8
Sodium, Na	mg/L	0.5	340	1000	3200	2700	57000
Trace Metals (Total) in Water by ICPMS Method: A	N318						
Total Aluminium	μg/L	5	3600	3600	6500	82000	18000
Total Iron	μg/L	5	4200	4600	6800	130000	25000
Mercury	mg/L	0.0001	-	-	-	-	-
VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene	μg/L	0.5		_		_	
Toluene	μg/L	0.5	-	_	_	-	
Ethylbenzene	µg/L	0.5	-	-	-	-	-
m/p-xylene	μg/L	1	-	-	-	-	-
o-xylene	μg/L	0.5	-	-	-	-	-
Oxygenated Compounds							
MtBE (Methyl-tert-butyl ether)	μg/L	0.5	-	-	-	-	-
Surrogates							
Dibromofluoromethane (Surrogate)	%	-	-	-	-	-	-
d4-1,2-dichloroethane (Surrogate)	%	-	-	-	-	-	-
d8-toluene (Surrogate)	%	-	-	-	-	-	-
Bromofluorobenzene (Surrogate)	%	-	-	-	-	-	-
Volatile Petroleum Hydrocarbons in Water Metho	d: AN433/AN43	4					
TRH C6-C10 F1	μg/L	50	-	-	-	-	-
TRH C6-C9	μg/L	40	-	-	-	-	-
Surrogates							
Dibromofluoromethane (Surrogate)	%	-	-	-	-	-	-
d4-1,2-dichloroethane (Surrogate)	%	-	-	-	-	-	-
d8-toluene (Surrogate)	%	-	-	-	-	-	-
Bromofluorobenzene (Surrogate)	%	-	-	-	-	-	-

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PE065491 R0

	Sa	ample Matrix	PE065491.001 Water	PE065491.002 Water	PE065491.003 Water
		Sample Date ample Name	27 Feb 2012 MW1	27 Feb 2012 MW2	27 Feb 2012 MW3
Parameter TDIL (Total Parameter Medican Parameter) in Weter Medican Parameter (Medican Parameter) in Weter (Medican Paramet	Units	LOR			
TRH (Total Recoverable Hydrocarbons) in Water Me	ethod: AN403				
TRH C10-C14	μg/L	50	-	-	-
TRH C15-C28	μg/L	200	-	-	-
TRH C29-C36	μg/L	200	-	-	-
TRH >C10-C16 F2 TRH >C16-C34 F3	μg/L	60 500	-	-	-
TRH >C16-C34 F3 TRH >C34-C40 F4	μg/L μg/L	500	-	-	-
	P9/2	000			l
Surrogates					
TRH (Surrogate)	%	-	-	-	-
	Cam	anla Numbar	PE065491.006	PE065491.007	PE065491.008
		nple Number ample Matrix	Water	Water	Water
	:	Sample Date	28 Feb 2012	28 Feb 2012	28 Feb 2012
	S	ample Name	DUP01	RIN01	TRIP01
Parameter	Units	LOR			
	ethod: AN114				
				I	
Total Suspended Solids Dried at 105°C	mg/L	5	2200	-	-
Alkalinity Method: AN135					
Total Alkalinity as CaCO3	mg/L	5	170	<5	-
Bicarbonate Alkalinity as HCO3	mg/L	5	200	<5	-
Carbonate Alkalinity as CO3	mg/L	1	<1	<1	-
Acidity and Free CO2 Method: AN140					
Acidity to pH 8.3	mg CaCO3/L	5	180	-	-
Colour by Discrete Analyser Method: AN285					
Colour (True)	Hazen	1	<1	-	-
		'			
Chloride by Discrete Analyser in Water Method: AN	274				
Chloride	mg/L	1	81000	<1	-
				ı	I
Sulphate in water Method: AN275					
Sulphate	mg/L	1	4600	<1	_
Сирпыс	IIIg/L		4000	1	
Sulphide by Titration in Water Method: AN149					
Sulphide	mg/L	0.5	<0.5	_	_
Сирпис	mg/L	0.0	10.0		
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA N	lethod: AN25	58			
Nitrate. NO ₃ as NO ₃			5.5		_
Nitrate, NO ₃ as NO ₃ Nitrite, NO ₂ as NO ₂	mg/L	0.05	<0.05	-	-
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	1.2	-	-
Nitrite Nitrogen, NO ₂ as N	mg/L	0.005	<0.005	_	_
Nitrate Nitrogen, NO ₃ as N	mg/L	0.005	1.2	_	_
		5.550	****	I.	I.
Low Level Ammonia Nitrogen by FIA Method: AN26				I	I
		0.005	-0.00E		
Ammonia Nitrogen, NH ₃ as N	mg/L	0.005	<0.005	-	-
Ammonia Nitrogen, NH ₃ as N Ammonia, NH ₃	mg/L mg/L	0.005 0.005	<0.005 <0.005	-	
Ammonia Nitrogen, NH ₃ as N Ammonia, NH ₃	mg/L				
Ammonia Nitrogen, NH ₃ as N Ammonia, NH ₃	mg/L mg/L				

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Filtrandic Reactive Prospionus	Parameter		ample Number Sample Matrix Sample Date Sample Name LOR	PE065491.006 Water 28 Feb 2012 DUP01	PE065491.007 Water 28 Feb 2012 RIN01	PE065491.008 Water 28 Feb 2012 TRIP01
Filterable Reactive Phosphorus (FRP) Method: AN278						
Filterable Reactive Phosphorus (FRP) Method: AN278 Filterable Reactive Phosphorus (FRP) Method: AN278 Filterable Phosphorus (FRP) Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Reactive Phosphorus (FRP) Method: AN141 Filterable Method: AN141 Filterable Method: AN141 Filterable Reactive Phosphorus Filterable Reactive Phosphorus Filterable Method: AN141 Filterable Reactive Phosphorus Filterable Method: AN141 Filterable Reactive Phosphorus Filterable Reac						
Filtrandic Reactive Prospionus	Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.25	-	-
Fluoride by Ion Selective Electrode in Water Method: AN141	Filterable Reactive Phosphorus (FRP) Method: AN2	78				
Trace Metals (Dissolved) in Water by ICPMS Method: AN318 Alaminium, Al	Filterable Reactive Phosphorus	mg/L	0.002	0.008	-	-
Trace Metals (Dissolved) in Water by ICPMS Method: AN318 Aluminium, Al	Fluoride by Ion Selective Electrode in Water Method	i: AN141				
Anseniam, A Anseniam, A Ansenia,	Fluoride by ISE	mg/L	0.1	0.4	-	-
Ansenic, As		1	1	<100÷		
Cadmain, Cd						
Chromaum, Cr	Cadmium, Cd					
Copper, Cu	Chromium, Cr					
Institute	Copper, Cu					-
Lead, Pb	Iron, Fe			<500↑		-
Nickel, Ni	Lead, Pb		1	-	<1	-
Selenium, Se	Manganese, Mn	μg/L	1	<100↑	-	-
Zinc, Zn	Nickel, Ni	μg/L	1	<100↑	<1	-
Metals in Water (Dissolved) by ICPOES Method: AN320/AN321 Calcium, Ca mg/L 0.2 1000 <0.2	Selenium, Se	μg/L	2	<200↑	-	-
Calcium, Ca	Zinc, Zn	μg/L	1	<100↑	7	-
Sodium, Na mg/L 0.5 62000 2.0 -	Calcium, Ca Magnesium, Mg Potassium, K	mg/L mg/L	0.1	4300 2000	0.1 <0.1	-
Trace Metals (Total) in Water by ICPMS Method: AN318 Total Aluminium μg/L 5 18000						
Total Iron	Trace Metals (Total) in Water by ICPMS Method: AN	318			1	
Mercury (dissolved) in Water Method: AN311/AN312 Mercury mg/L 0.0001 - < 0.0001 - VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene µg/L 0.5 - - < 0.5	Total Iron					
VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons Benzene μg/L 0.5 - - <0.5 Toluene μg/L 0.5 - - <0.5 Ethylbenzene μg/L 0.5 - - <0.5 m/p-xylene μg/L 1 - - <1 - <1 <0.5 - <0.5 <0.5 - - <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	Mercury (dissolved) in Water Method: AN311/AN312					
Monocyclic Aromatic Hydrocarbons μg/L 0.5 - - <0.5 Toluene μg/L 0.5 - - <0.5	Mercury	mg/L	0.0001	-	<0.0001	-
Toluene μg/L 0.5 <0.5 Ethylbenzene μg/L 0.5 <0.5 m/p-xylene μg/L 1 <1 o-xylene μg/L 0.5 <0.5	VOCs in Water Method: AN433/AN434 Monocyclic Aromatic Hydrocarbons					
Ethylbenzene μg/L 0.5 - - <0.5 m/p-xylene μg/L 1 - - <1 o-xylene μg/L 0.5 - - <0.5 Oxygenated Compounds	Benzene					
m/p-xylene μg/L 1 - - <1 o-xylene μg/L 0.5 - - <0.5	Toluene					
ο-xylene μg/L 0.5 - - <0.5 Oxygenated Compounds MtBE (Methyl-tert-butyl ether) μg/L 0.5 - - - <0.5	<u> </u>					
Oxygenated Compounds MtBE (Methyl-tert-butyl ether) µg/L 0.5 - - <0.5						
Surrogates Dibromofluoromethane (Surrogate) % - - - 104 d4-1,2-dichloroethane (Surrogate) % - - - 103 d8-foluene (Surrogate) % - - - 101		Parc	0.0		1	.5.5
Surrogates Dibromofluoromethane (Surrogate) % - - - 104 d4-1,2-dichloroethane (Surrogate) % - - - 103 d8-foluene (Surrogate) % - - - 101	MtBE (Methyl-tert-butyl ether)	μg/L	0.5	-	-	<0.5
d4-1,2-dichloroethane (Surrogate) % - - - 103 d8-toluene (Surrogate) % - - - 101						
d8-toluene (Surrogate)	Dibromofluoromethane (Surrogate)	%	-	-	-	104
	d4-1,2-dichloroethane (Surrogate)	%	-	-	-	103
Bromofluorobenzene (Surrogate) % - - - 101	d8-toluene (Surrogate)	%	-	-	-	101
	Bromofluorobenzene (Surrogate)	%	-	-	-	101

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	Sai S	ple Number mple Matrix sample Date imple Name	PE065491.006 Water 28 Feb 2012 DUP01	PE065491.007 Water 28 Feb 2012 RIN01	PE065491.008 Water 28 Feb 2012 TRIP01
Parameter	Units	LOR			
Volatile Petroleum Hydrocarbons in Water Method:	AN433/AN434	ı			
TRH C6-C10 F1	μg/L	50	-	-	<50
TRH C6-C9	μg/L	40	-	-	<40
Surrogates					
Dibromofluoromethane (Surrogate)	%	-	-	-	104
d4-1,2-dichloroethane (Surrogate)	%	-	-	-	103
d8-toluene (Surrogate)	%	-	-	-	101
Bromofluorobenzene (Surrogate)	%	-	-	-	101
TRH (Total Recoverable Hydrocarbons) in Water Me	thod: AN403				
TRH C10-C14	μg/L	50	-	-	-
TRH C15-C28	μg/L	200	-	-	-
TRH C29-C36	μg/L	200	-	-	-
TRH >C10-C16 F2	μg/L	60	-	-	-
TRH >C16-C34 F3	μg/L	500	-	-	-
TRH >C34-C40 F4	μg/L	500	-	-	-
Surrogates					

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Acidity and Free CO2 Method: ME-(AU)-[ENV]AN140

	Parameter	QC Reference	Units	LOR	МВ	DUP %RPD
ı	Acidity to pH 8.3	LB036948	mg CaCO3/L	5	<5	0%

Alkalinity Method: ME-(AU)-[ENV]AN135

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
	Reference					%Recovery
Total Alkalinity as CaCO3	LB036947	mg/L	5	<5	0%	104%
Bicarbonate Alkalinity as HCO3	LB036947	mg/L	5	<5		
Carbonate Alkalinity as CO3	LB036947	mg/L	1	<1		

Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274

	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
1		Reference					%Recovery	%Recovery
	Chloride	LB036977	mg/L	1	<1	3 - 13%	102 - 103%	94%

Colour by Discrete Analyser Method: ME-(AU)-[ENV]AN285

ı	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
1		Reference					%Recovery
ı	Colour (True)	LB036979	Hazen	1	<1	0%	93%

Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Filterable Reactive Phosphorus	LB036978	mg/L	0.002	<0.002	0%	103%	102%

Fluoride by Ion Selective Electrode in Water Method: ME-(AU)-[ENV]AN141

ı	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
1		Reference					%Recovery	%Recovery
1	Fluoride by ISE	LB037029	mg/L	0.1	<0.1	1 - 3%	97 - 105%	93 - 99%

Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261

	. , , , , ,						
ı	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
1		Reference					%Recovery
ı	Ammonia Nitrogen, NH₃ as N	LB037181	mg/L	0.005	<0.005	0 - 7%	100 - 104%
1	Ammonia, NH₃	LB037181	mg/L	0.005	<0.005	0 - 7%	100 - 104%

Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312

ı	Parameter	QC	Units	LOR	МВ	DUP %RPD	LCS	MS
ı		Reference					%Recovery	%Recovery
ı	Mercury	LB036965	mg/L	0.0001	<0.0001	0%	102%	99%

Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Calcium, Ca	LB036980	mg/L	0.2	<0.2	0 - 2%	97%	83%
	LB037016	mg/L	0.2	<0.2	0%	94%	99%
Magnesium, Mg	LB036980	mg/L	0.1	<0.1	2 - 4%	95%	82%
	LB037016	mg/L	0.1	<0.1	2%	91%	99%
Potassium, K	LB036980	mg/L	0.1	<0.1	1 - 7%	90%	124%
	LB037016	mg/L	0.1	<0.1	0%	91%	98%
Silica, Soluble	LB036980	mg/L	0.05	<0.05			
Sodium, Na	LB036980	mg/L	0.5	<0.5	3%	107%	95%
	LB037016	mg/L	0.5	<0.5	30%	107%	116%

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Nitrate, NO₃ as NO₃	LB037181	mg/L	0.05	<0.05		
Nitrite, NO ₂ as NO ₂	LB037181	mg/L	0.05	<0.05		
Nitrate/Nitrite Nitrogen, NOx as N	LB037181	mg/L	0.005	<0.005	0 - 6%	99 - 101%
Nitrite Nitrogen, NO₂ as N	LB037181	mg/L	0.005	<0.005	0%	100 - 102%
Nitrate Nitrogen, NO₃ as N	LB037181	mg/L	0.005	<0.005		

Sulphate in water Method: ME-(AU)-[ENV]AN275

	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
ı		Reference					%Recovery	%Recovery
ı	Sulphate	LB036977	mg/L	1	<1	6 - 10%	110 - 111%	84%

Sulphide by Titration in Water Method: ME-(AU)-[ENV]AN149

	Parameter	QC	Units	LOR	MB	LCS
П		Reference				%Recovery
ı	Sulphide	LB037014	mg/L	0.5	<0.5	82%

TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281

Parameter	QC Reference	Units	LOR	МВ	LCS %Recovery
Total Kjeldahl Nitrogen	LB037019	mg/L	0.05	<0.05	103%
Total Nitrogen (calc)	LB037019	mg/L	0.05	<0.05	NA

Total and Volatile Suspended Solids (TSS / VSS) Method: ME-(AU)-[ENV]AN114

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
	Reference					%Recovery
Total Suspended Solids Dried at 105°C	LB037169	mg/L	5	<5	0 - 15%	98 - 108%

Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN279/AN293

I	Parameter	QC Reference	Units	LOR	МВ	LCS %Recovery
1	Total Phosphorus (Kjeldahl Digestion)	LB037019	mg/L	0.01	<0.01	94%

Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
Aluminium, Al	LB036989	μg/L	1	<1	30%	118%	111%
Arsenic, As	LB036989	μg/L	1	<1	20%	102%	99%
Cadmium, Cd	LB036989	μg/L	0.1	<0.1	0%	102%	
Chromium, Cr	LB036989	μg/L	1	<1	7%	107%	104%
Copper, Cu	LB036989	μg/L	1	<1	7%	113%	92%
Iron, Fe	LB036989	μg/L	5	< 5	7%	120%	99%
Lead, Pb	LB036989	μg/L	1	<1	17%	96%	88%
Manganese, Mn	LB036989	μg/L	1	<1	4%	107%	101%
Nickel, Ni	LB036989	μg/L	1	<1	9%	105%	95%
Selenium, Se	LB036989	μg/L	2	<2	0%	102%	
Zinc, Zn	LB036989	μg/L	1	<1	7%	115%	75%

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Trace Metals (Total) in Water by ICPMS Method: ME-(AU)-[ENV]AN318

ı	Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery	MS %Recovery
	Total Aluminium	LB036991	μg/L	5	<5	0%	105%	
ı	Total Iron	LB036991	μg/L	5	<5	5%	119%	0%

VOCs in Water Method: ME-(AU)-[ENV]AN433/AN434

Monocyclic Aromatic Hydrocarbons

Parameter	QC Reference	Units	LOR	МВ	LCS %Recovery
Benzene	LB037004	μg/L	0.5	<0.5	86%
Toluene	LB037004	μg/L	0.5	<0.5	91%
Ethylbenzene	LB037004	μg/L	0.5	<0.5	92%
m/p-xylene	LB037004	μg/L	1	<1	
o-xylene	LB037004	μg/L	0.5	<0.5	

Oxygenated Compounds

	Parameter	QC Reference	Units	LOR	MB
ı	MtBE (Methyl-tert-butyl ether)	LB037004	μg/L	0.5	<0.5

Surrogates

Parameter	QC	Units	LOR	MB	LCS
	Reference				%Recovery
Dibromofluoromethane (Surrogate)	LB037004	%	-	100%	110%
d4-1,2-dichloroethane (Surrogate)	LB037004	%	-	98%	108%
d8-toluene (Surrogate)	LB037004	%	-	97%	98%
Bromofluorobenzene (Surrogate)	LB037004	%	-	99%	99%

Volatile Petroleum Hydrocarbons in Water Method: ME-(AU)-[ENV]AN433/AN434

	Parameter	QC	Units	LOR	MB	LCS
		Reference				%Recovery
ı	TRH C6-C10 F1	LB037004	μg/L	50	<50	
ı	TRH C6-C9	LB037004	μg/L	40	<40	75%

Surrogates

Surrogates					
Parameter	QC	Units	LOR	MB	LCS
	Reference				%Recovery
Dibromofluoromethane (Surrogate)	LB037004	%	-	100%	110%
d4-1,2-dichloroethane (Surrogate)	LB037004	%	-	98%	108%
d8-toluene (Surrogate)	LB037004	%	-	97%	98%
Bromofluorobenzene (Surrogate)	LB037004	%	-	99%	99%

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METHOD SUMMARY

METHOD	
METHOD -	METHODOLOGY SUMMARY
AN020	Unpreserved water sample is filtered through a $0.45\mu m$ membrane filter and acidified with nitric acid similar to APHA3030B.
AN083	Separatory funnels are used for aqueous samples and extracted by transferring an appropriate volume (mass) of liquid into a separatory funnel and adding 3 serial aliquots of dichloromethane. Samples receive a single extraction at pH 7 to recover base / neutral analytes and two extractions at pH < 2 to recover acidic analytes. QC samples are prepared by spiking organic free water with target analytes and extracting as per samples.
AN114	Total Suspended and Volatile Suspended Solids: The sample is homogenised by shaking and a known volume is filtered through a pre-weighed GF/C filter paper and washed well with deionised water. The filter paper is dried and reweighed. The TSS is the residue retained by the filter per unit volume of sample. Reference APHA 2540 D. Internal Reference AN114
AN135	Alkalinity (and forms of) by Titration: The sample is titrated with standard acid to pH 8.3 (P titre) and pH 4.5 (T titre) and permanent and/or total alkalinity calculated. The results are expressed as equivalents of calcium carbonate or recalculated as bicarbonate, carbonate and hydroxide. Reference APHA 2320. Internal Reference AN135
AN135	Free and Total Carbon Dioxide may be calculated using alkalinity forms only when the samples TDS is <500mg/L. If TDS is >500mg/L free or total carbon dioxide cannot be reported. APHA4500CO2 D.
AN140	Acidity by Tritration: The water sample is titrated with sodium hydroxide to designated pH end point. In a sample containing only carbon dioxide, bicarbonates and carbonates, titration to pH 8.3 at 25°C corresponds to stoichiometric neutralisation of carbonic acid to bicarbonate. Method reference APHA 2310 B.
AN141	Determination of Fluoride by ISE: A fluoride ion selective electrode and reference electrode combination, in the presence of a pH/complexation buffer, is used to determine the fluoride concentration. The electrode millivolt response is measured logarithmically against fluoride concentration. Reference APHA F- C.
AN149	Sulphide by lodometric Titration: Sulphide is precipitated as zinc sulphide to overcome interferences with sulphite and thiosulphate. After filtration, sulphide is determined titrimetrically. Reference APHA 4500-S2-
AN258	Nitrate and Nitrite by FIA: In an acidic medium, nitrate is reduced quantitatively to nitrite by cadmium metal. This nitrite plus any original nitrite is determined as an intense red-pink azo dye at 540 nm following diazotisation with sulphanilamide and subsequent coupling with N-(1-naphthyl) ethylenediamine dihydrochloride. Without the cadmium reduction only the original nitrite is determined. Reference APHA 4500-NO3- F.
AN261	Ammonia by Continuous Flow Analyser: Ammonium in a basic medium forms ammonia gas, which is separated from the sample matrix by diffusion through a polypropylene membrane. The ammonia is reacted with phenol and hypochlorite to form indophenol blue at an intensity proportional to the ammonia concentration. The blue colour is intensified with sodium nitroprusside and the absorbance measured at 630 nm. The sensitivity of the automated method is 10-20 times that of the macro method. Reference APHA 4500-NH3 H.
AN274	Chloride by Aquakem DA: Chloride reacts with mercuric thiocyanate forming a mercuric chloride complex. In the presence of ferric iron, highly coloured ferric thiocyanate is formed which is proportional to the chloride concentration. Reference APHA 4500CI-
AN275	Suphate by Aquakem DA: Sulphate is precipitated in an acidic medium with barium chloride. The resulting turbidity is measured photometrically at 405nm and compared with standard calibration solutions to determine the sulphate concentration in the sample. Reference APHA 4500-SO42 Internal reference AN275.
AN278	Reactive Phosphorus by DA: Orthophosphate reacts with ammonium molybdate (Mo VI) and potassium antimonyl tartrate (Sb III) in acid medium to form an antimony-phosphomolybdate complex. This complex is subsequently reduced with ascorbic acid to form a blue colour and the absorbance is read at 880 nm. The sensitivity of the automated method is 10-20 times that of the macro method. Reference APHA 4500-P F

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METHOD SUMMARY

METHOD	
METHOD	METHODOLOGY SUMMARY
AN279/AN293	The sample is digested with Sulphuric acid, K2SO4 and CuSO4. All forms of phosphorus are converted into orthophosphate. The digest is cooled and placed on the discrete analyser for colorimetric analysis.
AN281	An unfiltered water or soil sample is first digested in a block digestor with sulphuric acid, K2SO4 and CuSO4. The ammonia produced following digestion is then measured colourimetrically using the Aquakem 250 Discrete Analyser. A portion of the digested sample is buffered to an alkaline pH, and interfering cations are complexed. The ammonia then reacts with salicylate and hypochlorite to give a blue colour whose absorbance is measured at 660nm and compared with calibration standards. This is proportional to the concentration of Total Kjeldahl Nitrogen in the original sample.
AN285	The term 'colour' is used here to mean true colour, that is, the colour of water from which turbidity has been removed. The term 'apparent colour' includes not only colour due to substances in solution, but also that due to suspended matter. Apparent colour is determined on the original sample without filtration.
AN311/AN312	Mercury by Cold Vapour AAS in Waters: Mercury ions are reduced by stannous chloride reagent in acidic solution to elemental mercury. This mercury vapour is purged by nitrogen into a cold cell in an atomic absorption spectrometer or mercury analyser. Quantification is made by comparing absorbances to those of the calibration standards. Reference APHA 3112/3500.
AN318	Determination of elements at trace level in waters by ICP-MS technique, in accordance with USEPA 6020A.
AN320/AN321	Metals by ICP-OES: Samples are preserved with 10% nitric acid for a wide range of metals and some non-metals. This solution is measured by Inductively Coupled Plasma. Solutions are aspirated into an argon plasma at 8000-10000K and emit characteristic energy or light as a result of electron transitions through unique energy levels. The emitted light is focused onto a diffraction grating where it is separated into components.
AN320/AN321	Photomultipliers or CCDs are used to measure the light intensity at specific wavelengths. This intensity is directly proportional to concentration. Corrections are required to compensate for spectral overlap between elements. Reference APHA 3120 B.
AN403	Total Recoverable Hydrocarbons: Determination of Hydrocarbons by gas chromatography after a solvent extraction. Detection is by flame ionisation detector (FID) that produces an electronic signal in proportion to the combustible matter passing through it. Total Recoverable Hydrocarbons (TRH) are routinely reported as four alkane groupings based on the carbon chain length of the compounds: C6-C9, C10-C14, C15-C28 and C29-C36.
AN403	Additionally, the volatile C6-C9 fraction may be determined by a purge and trap technique and GC/MS because of the potential for volatiles loss. Total Petroleum Hydrocarbons (TPH) follows the same method of analysis after silica gel cleanup of the solvent extract. Aliphatic/Aromatic Speciation follows the same method of analysis after fractionation of the solvent extract over silica with diffential polarity of the elluent solvents.
AN403	The GC/FID method is not well suited to the analysis of refined high boiling point materials (ie lubricating oils or greases) but is particularly suited for measuring diesel, kerosene and petrol if care to control volatility is taken. This method will detect naturally occurring hydrocarbons, lipids, animal fats, phenols and PAHs if they are present at sufficient levels, dependant on the use of specific cleanup/fractionation techniques. Reference USEPA 3510B, 8015B.
AN433/AN434	VOCs and C6-C9 Hydrocarbons by GC-MS P&T: VOC's are volatile organic compounds. The sample is presented to a gas chromatograph via a purge and trap (P&T) concentrator and autosampler and is detected with a Mass Spectrometer (MSD). Solid samples are initially extracted with methanol whilst liquid samples are processed directly. References: USEPA 5030B, 8020A, 8260.

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directly. References: USEPA 5030B, 8020A, 8260.





Insufficient sample for analysis. IS LNR Sample listed, but not received.

This analysis is not covered by the scope of accreditation.

Performed by outside laboratory.

Limit of Reporting LOR

Raised or Lowered Limit of Reporting

Samples analysed as received.

Solid samples expressed on a dry weight basis.

QFH QC result is above the upper tolerance QFL QC result is below the lower tolerance The sample was not analysed for this analyte

NVL Not Validated

Some totals may not appear to add up because the total is rounded after adding up the raw values.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-11.pdf

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service available on request and accessible at http://www.au.sgs.com/terms_and_conditions_au. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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3 items



STATEMENT OF QA/QC **PERFORMANCE**

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0086269 BNPL Hydro Burrup PE065491 R0 SGS Reference Project 07444 0000036581 Order Number Report Number 8 13 Mar 2012 Samples Date Reported

COMMENTS

All the laboratory data for each environmental matrix was compared to SGS Environmental Services' stated Data Quality Objectives (DQO). Comments arising from the comparison were made and are reported below.

The data relating to sampling was taken from the Chain of Custody document and was supplied by the Client. This QA/QC Statement must be read in conjunction with the referenced Analytical Report. The Statement and the Analytical Report must not be reproduced except in full.

All Data Quality Objectives were met with the exception of the following:

Extraction Date Acidity and Free CO2 6 items

> Alkalinity 7 items Colour by Discrete Analyser 6 items Sulphide by Titration in Water

Total and Volatile Suspended Solids (TSS / VSS) 3 items

Acidity and Free CO2 Analysis Date 6 items

> Alkalinity 7 items Colour by Discrete Analyser 6 items

Sulphide by Titration in Water 3 items

Trace Metals (Total) in Water by ICPMS Matrix Spike 1 item

SAMPLE SUMMARY

Sample counts by matrix 8 Water Type of documentation received COC 4/3/2012 Samples received in good order Yes Date documentation received 4.6°C Samples received without headspace Yes Sample temperature upon receipt Sample container provider SGS Turnaround time requested Standard Samples received in correct containers Yes Sufficient sample for analysis Yes Sample cooling method Ice Bricks Samples clearly labelled Yes Complete documentation received Yes Number of eskies/boxes received 2

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HOLDING TIME SUMMARY

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field Sampling Guide for Containers and Holding Time" (ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1: 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

Extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

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Acidity and Free CO2							Method:	ME-(AU)-[ENV]AN14(
	Sample No.	QC Ref	Compled	Received	Extraction Due	Extracted		. ,
Sample Name MW1	PE065491.001		Sampled	04 Mar 2012	Extraction Due		Analysis Due 28 Feb 2012	Analysed
		LB036948	27 Feb 2012		28 Feb 2012	06 Mar 2012†		06 Mar 2012†
MW2 MW3	PE065491.002 PE065491.003	LB036948 LB036948	27 Feb 2012 27 Feb 2012	04 Mar 2012 04 Mar 2012	28 Feb 2012 28 Feb 2012	06 Mar 2012† 06 Mar 2012†	28 Feb 2012 28 Feb 2012	06 Mar 2012† 06 Mar 2012†
	PE065491.003 PE065491.004					· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
MW4		LB036948	28 Feb 2012	04 Mar 2012	29 Feb 2012	06 Mar 2012†	29 Feb 2012	06 Mar 2012†
MW5	PE065491.005	LB036948	28 Feb 2012	04 Mar 2012	29 Feb 2012	06 Mar 2012†	29 Feb 2012	06 Mar 2012†
DUP01	PE065491.006	LB036948	28 Feb 2012	04 Mar 2012	29 Feb 2012	06 Mar 2012†	29 Feb 2012	06 Mar 2012†
Alkalinity							Method:	ME-(AU)-[ENV]AN13
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB036947	27 Feb 2012	04 Mar 2012	28 Feb 2012	06 Mar 2012†	28 Feb 2012	06 Mar 2012†
MW2	PE065491.002	LB036947	27 Feb 2012	04 Mar 2012	28 Feb 2012	06 Mar 2012†	28 Feb 2012	06 Mar 2012†
MW3	PE065491.003	LB036947	27 Feb 2012	04 Mar 2012	28 Feb 2012	06 Mar 2012†	28 Feb 2012	06 Mar 2012†
MW4	PE065491.004	LB036947	28 Feb 2012	04 Mar 2012	29 Feb 2012	06 Mar 2012†	29 Feb 2012	06 Mar 2012†
MW5	PE065491.005	LB036947	28 Feb 2012	04 Mar 2012	29 Feb 2012	06 Mar 2012†	29 Feb 2012	06 Mar 2012†
DUP01	PE065491.006	LB036947	28 Feb 2012	04 Mar 2012	29 Feb 2012	06 Mar 2012†	29 Feb 2012	06 Mar 2012†
RIN01	PE065491.007	LB036947	28 Feb 2012	04 Mar 2012	29 Feb 2012	06 Mar 2012†	29 Feb 2012	06 Mar 2012†
Chloride by Discrete Analys	er in Water						Method:	ME-(AU)-[ENV]AN27
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB036977	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW2	PE065491.002	LB036977	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW3	PE065491.003	LB036977	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW4	PE065491.004	LB036977	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
MW5	PE065491.005	LB036977	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
DUP01	PE065491.006	LB036977	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
RIN01	PE065491.007	LB036977	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
		22000077	201002012	0 1 Mai 2012	27 Mai 2012	or Mar 2012		
Colour by Discrete Analyses								ME-(AU)-[ENV]AN28
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB036979	27 Feb 2012	04 Mar 2012	29 Feb 2012	06 Mar 2012†	29 Feb 2012	06 Mar 2012†
MW2	PE065491.002	LB036979	27 Feb 2012	04 Mar 2012	29 Feb 2012	06 Mar 2012†	29 Feb 2012	06 Mar 2012†
MW3	PE065491.003	LB036979	27 Feb 2012	04 Mar 2012	29 Feb 2012	06 Mar 2012†	29 Feb 2012	06 Mar 2012†
MW4	PE065491.004	LB036979	28 Feb 2012	04 Mar 2012	01 Mar 2012	06 Mar 2012†	01 Mar 2012	06 Mar 2012†
MW5	PE065491.005	LB036979	28 Feb 2012	04 Mar 2012	01 Mar 2012	06 Mar 2012†	01 Mar 2012	06 Mar 2012†
DUP01	PE065491.006	LB036979	28 Feb 2012	04 Mar 2012	01 Mar 2012	06 Mar 2012†	01 Mar 2012	06 Mar 2012†
Filterable Reactive Phospho	orus (FRP)						Method:	ME-(AU)-[ENV]AN27
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB036978	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW2	PE065491.002	LB036978	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW3	PE065491.003	LB036978	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW4	PE065491.004	LB036978	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
MW5	PE065491.005	LB036978	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
DUP01	PE065491.006	LB036978	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
Fluoride by Ion Selective Ele	ectrode in Water						Method:	ME-(AU)-[ENV]AN14
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB037029	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW2	PE065491.002	LB037029	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW3	PE065491.003	LB037029	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW4	PE065491.004	LB037029	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
MW5	PE065491.005	LB037029	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
DUP01	PE065491.006	LB037029	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
Low Level Ammonia Nitroge		25001020	20.002012	5 . mai 2012	2. mai 2012	0. mai 2012		ME-(AU)-[ENV]AN26
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Duo	Extracted	Analysis Due	Analysed
·	•		Sampled	Received	Extraction Due		•	•
MW1	PE065491.001	LB037181	27 Feb 2012	04 Mar 2012	26 Mar 2012	09 Mar 2012	26 Mar 2012	12 Mar 2012
MW2	PE065491.002	LB037181	27 Feb 2012	04 Mar 2012	26 Mar 2012	09 Mar 2012	26 Mar 2012	12 Mar 2012
MW3	PE065491.003	LB037181	27 Feb 2012	04 Mar 2012	26 Mar 2012	09 Mar 2012	26 Mar 2012	12 Mar 2012
MW4	PE065491.004	LB037181	28 Feb 2012	04 Mar 2012	27 Mar 2012	09 Mar 2012	27 Mar 2012	12 Mar 2012
MW5	PE065491.005	LB037181	28 Feb 2012	04 Mar 2012	27 Mar 2012	09 Mar 2012	27 Mar 2012	12 Mar 2012
DUP01	PE065491.006	LB037181	28 Feb 2012	04 Mar 2012	27 Mar 2012	09 Mar 2012	27 Mar 2012	12 Mar 2012

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HOLDING TIME SUMMARY

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Extraction and analysis dates are shown in Green when within suggested criteria or Red with an appended dagger symbol (†) when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

date is not supplied	then compliance with crite	Sha carnot be deter	milica. Il the received	date is after one or t	Jour due dates their riold	mig time will lail by a	Ciauli.	
Mercury (dissolved) in Wa	iter						Method: ME-(AU)-[ENV]AN311/AN31
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
RIN01	PE065491.007	LB036965	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
Metals in Water (Dissolved	d) by ICPOES						Method: ME-(AU)-[ENV]AN320/AN32
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB036980	27 Feb 2012	04 Mar 2012	25 Aug 2012	07 Mar 2012	25 Aug 2012	09 Mar 2012
MW2	PE065491.002	LB036980	27 Feb 2012	04 Mar 2012	25 Aug 2012	07 Mar 2012	25 Aug 2012	09 Mar 2012
MW3	PE065491.003	LB036980	27 Feb 2012	04 Mar 2012	25 Aug 2012	07 Mar 2012	25 Aug 2012	09 Mar 2012
MW4	PE065491.004	LB036980	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	09 Mar 2012
MW5	PE065491.005	LB036980	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	09 Mar 2012
DUP01	PE065491.006	LB036980	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	09 Mar 2012
RIN01	PE065491.007	LB037016	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	09 Mar 2012
Nitrate Nitrogen and Nitrite		2007010	201002012	04 Wai 2012	20 / tag 20 12	07 Wai 2012		ME-(AU)-[ENV]AN2
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB037181	27 Feb 2012	04 Mar 2012	26 Mar 2012	09 Mar 2012	26 Mar 2012	12 Mar 2012
MW2	PE065491.001 PE065491.002	LB037181	27 Feb 2012 27 Feb 2012	04 Mar 2012	26 Mar 2012	09 Mar 2012	26 Mar 2012	12 Mar 2012
MW3	PE065491.002 PE065491.003	LB037181	27 Feb 2012 27 Feb 2012	04 Mar 2012	26 Mar 2012	09 Mar 2012	26 Mar 2012	12 Mar 2012
MW4	PE065491.004	LB037181	28 Feb 2012	04 Mar 2012	27 Mar 2012	09 Mar 2012	27 Mar 2012	12 Mar 2012
MW5	PE065491.005	LB037181	28 Feb 2012	04 Mar 2012	27 Mar 2012	09 Mar 2012	27 Mar 2012	12 Mar 2012
DUP01	PE065491.006	LB037181	28 Feb 2012	04 Mar 2012	27 Mar 2012	09 Mar 2012	27 Mar 2012	12 Mar 2012
Sulphate in water	FE003491.000	LB037 101	26 Feb 2012	04 Mai 2012	27 IVIAI 2012	09 Wai 2012		ME-(AU)-[ENV]AN2
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB036977	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW2	PE065491.002	LB036977	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW3	PE065491.003	LB036977	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	07 Mar 2012
MW4	PE065491.004	LB036977	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
MW5	PE065491.005	LB036977	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
DUP01	PE065491.006	LB036977	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
RIN01	PE065491.007	LB036977	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	07 Mar 2012
Sulphide by Titration in Wa	ater						Method: I	ME-(AU)-[ENV]AN1
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB037014	27 Feb 2012	04 Mar 2012	05 Mar 2012	06 Mar 2012†	05 Mar 2012	06 Mar 2012†
MW2	PE065491.002	LB037014	27 Feb 2012	04 Mar 2012	05 Mar 2012	06 Mar 2012†	05 Mar 2012	06 Mar 2012†
MW3	PE065491.003	LB037014	27 Feb 2012	04 Mar 2012	05 Mar 2012	06 Mar 2012†	05 Mar 2012	06 Mar 2012†
MW4	PE065491.004	LB037014	28 Feb 2012	04 Mar 2012	06 Mar 2012	06 Mar 2012	06 Mar 2012	06 Mar 2012
MW5	PE065491.005	LB037014	28 Feb 2012	04 Mar 2012	06 Mar 2012	06 Mar 2012	06 Mar 2012	06 Mar 2012
DUP01	PE065491.006	LB037014	28 Feb 2012	04 Mar 2012	06 Mar 2012	06 Mar 2012	06 Mar 2012	06 Mar 2012
ΓΚΝ Kjeldahl Digestion by	/ Discrete Analyser						Method: I	ME-(AU)-[ENV]AN2
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB037019	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	09 Mar 2012
MW2	PE065491.002	LB037019	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	09 Mar 2012
MW3	PE065491.003	LB037019	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	09 Mar 2012
MW4	PE065491.004	LB037019	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	09 Mar 2012
MW5	PE065491.005	LB037019	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	09 Mar 2012
DUP01	PE065491.006	LB037019	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	09 Mar 2012
otal and Volatile Suspend	ded Solids (TSS / VSS)						Method: I	ME-(AU)-[ENV]AN1
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB037169	27 Feb 2012	04 Mar 2012	05 Mar 2012	06 Mar 2012†	13 Mar 2012	07 Mar 2012
MW2	PE065491.002	LB037169	27 Feb 2012	04 Mar 2012	05 Mar 2012	06 Mar 2012†	13 Mar 2012	07 Mar 2012
MW3	PE065491.003	LB037169	27 Feb 2012	04 Mar 2012	05 Mar 2012	06 Mar 2012†	13 Mar 2012	07 Mar 2012
MW4	PE065491.004	LB037169	28 Feb 2012	04 Mar 2012	06 Mar 2012	06 Mar 2012	13 Mar 2012	07 Mar 2012
MW5	PE065491.005	LB037169	28 Feb 2012	04 Mar 2012	06 Mar 2012	06 Mar 2012	13 Mar 2012	07 Mar 2012
DUP01	PE065491.006	LB037169	28 Feb 2012	04 Mar 2012	06 Mar 2012	06 Mar 2012	13 Mar 2012	07 Mar 2012
Total Phosphorus by Kjeld	dahl Digestion DA in Water						Method: ME-(AU)-[ENV]AN279/AN2
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB037019	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	09 Mar 2012
MW2	PE065491.002	LB037019	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	09 Mar 2012

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HOLDING TIME SUMMARY

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field Sampling Guide for Containers and Holding Time" (ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1: 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

Extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and analysis dates are shown in Green when within suggested criteria or Red with an appended dagger symbol (†) when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Total Phosphorus by Kjelda	hl Digestion DA in Water	(continued)					Method: ME-(AU)-[ENV]AN279/AN293
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW3	PE065491.003	LB037019	27 Feb 2012	04 Mar 2012	26 Mar 2012	07 Mar 2012	26 Mar 2012	09 Mar 2012
MW4	PE065491.004	LB037019	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	09 Mar 2012
MW5	PE065491.005	LB037019	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	09 Mar 2012
DUP01	PE065491.006	LB037019	28 Feb 2012	04 Mar 2012	27 Mar 2012	07 Mar 2012	27 Mar 2012	09 Mar 2012
Trace Metals (Dissolved) in	Water by ICPMS						Method: I	ME-(AU)-[ENV]AN318
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB036989	27 Feb 2012	04 Mar 2012	25 Aug 2012	07 Mar 2012	25 Aug 2012	12 Mar 2012
MW2	PE065491.002	LB036989	27 Feb 2012	04 Mar 2012	25 Aug 2012	07 Mar 2012	25 Aug 2012	12 Mar 2012
MW3	PE065491.003	LB036989	27 Feb 2012	04 Mar 2012	25 Aug 2012	07 Mar 2012	25 Aug 2012	12 Mar 2012
MW4	PE065491.004	LB036989	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	12 Mar 2012
MW5	PE065491.005	LB036989	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	12 Mar 2012
DUP01	PE065491.006	LB036989	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	12 Mar 2012
RIN01	PE065491.007	LB036989	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	09 Mar 2012
Trace Metals (Total) in Water	er by ICPMS						Method: I	ME-(AU)-[ENV]AN318
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
MW1	PE065491.001	LB036991	27 Feb 2012	04 Mar 2012	25 Aug 2012	07 Mar 2012	25 Aug 2012	13 Mar 2012
MW2	PE065491.002	LB036991	27 Feb 2012	04 Mar 2012	25 Aug 2012	07 Mar 2012	25 Aug 2012	13 Mar 2012
MW3	PE065491.003	LB036991	27 Feb 2012	04 Mar 2012	25 Aug 2012	07 Mar 2012	25 Aug 2012	13 Mar 2012
MW4	PE065491.004	LB036991	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	13 Mar 2012
MW5	PE065491.005	LB036991	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	13 Mar 2012
DUP01	PE065491.006	LB036991	28 Feb 2012	04 Mar 2012	26 Aug 2012	07 Mar 2012	26 Aug 2012	13 Mar 2012
VOCs in Water							Method: ME-(AU)-[ENV]AN433/AN434
Sample Name	Sample No.	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
TRIP01	PE065491.008	LB037004	28 Feb 2012	04 Mar 2012	06 Mar 2012	06 Mar 2012	15 Apr 2012	08 Mar 2012

 Volatile Petroleum Hydrocarbons in Water
 Method: ME-(AU)-[ENV]AN433/AN434

 Sample Name
 Sample No.
 QC Ref
 Sampled
 Received
 Extraction Due
 Extracted
 Analysis Due
 Analysed

 TRIP01
 PE065491.008
 LB037004
 28 Feb 2012
 04 Mar 2012
 06 Mar 2012
 06 Mar 2012
 15 Apr 2012
 08 Mar 2012

Samples received outside recommended technical holding times for Acidity, Alkalinity, Colour and Sulphide and TSS.

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SURROGATES

PE065491 R0

Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in Green when within suggested criteria or Red with an appended reason identifer when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

VOCs in Water Method: ME-(AU)-[ENV]AN433/AN434

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
Bromofluorobenzene (Surrogate)	TRIP01	PE065491.008	%	60 - 130%	101
d4-1,2-dichloroethane (Surrogate)	TRIP01	PE065491.008	%	40 - 130%	103
d8-toluene (Surrogate)	TRIP01	PE065491.008	%	60 - 130%	101
Dibromofluoromethane (Surrogate)	TRIP01	PE065491.008	%	60 - 130%	104

Volatile Petroleum Hydrocarbons in Water

	Method: ME-(AU)-	[ENV]AN433/AN434
Units	Criteria	Recovery %
%	60 - 130%	101
%	60 - 130%	103

Parameter Sample Number TRIP01 PE065491.008 Bromofluorobenzene (Surrogate) d4-1,2-dichloroethane (Surrogate) TRIP01 PE065491.008 d8-toluene (Surrogate) TRIP01 PE065491.008 60 - 130% 101 PE065491.008 TRIP01 60 - 130% Dibromofluoromethane (Surrogate) 104

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Method: ME-(AU)-[ENV]AN258



METHOD BLANKS

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Red with an appended dagger symbol (†) when outside suggested criteria.

Acidity and Free CO2			Me	othod: ME-(AU)-[ENV]AN140	
Commis Number	Dayamatay	Linite	LOD	Dogult	

Sample Number	Parameter	Units	LOR	Result
LB036948.001	Acidity to pH 8.3	mg CaCO3/L	5	<5

Alkalinity Method: ME-(AU)-[ENV]AN135

Sample Number	Parameter	Units	LOR	Result
LB036947.001	Total Alkalinity as CaCO3	mg/L	5	<5

Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274

Sample Number	Parameter	Units	LOR	Result
LB036977.001	Chloride	mg/L	1	<1
LB036977.025	Chloride	mg/L	1	<1

Colour by Discrete Analyser Method: ME-(AU)-[ENV]AN285

Sample Number	Parameter	Units	LOR	Result
LB036979.001	Colour (True)	Hazen	1	<1

Method: ME-(AU)-[ENV]AN278 Filterable Reactive Phosphorus (FRP)

Sample Number	Parameter	Units	LOR	Result
LB036978.001	Filterable Reactive Phosphorus	mg/L	0.002	<0.002

Fluoride by Ion Selective Electrode in Water

Fluoride by Ion Selective Electrode in		Metho	od: ME-(AU)-[ENV]AN1	
Sample Number	Parameter	Units	LOR	Result
LB037029.001	Fluoride by ISE	mg/L	0.1	<0.1
LB037029.025	Fluoride by ISE	ma/L	0.1	<0.1

Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261

Sample Number	Parameter	Units	LOR	Result
LB037181.001	Ammonia Nitrogen, NH₃ as N	mg/L	0.005	<0.005
	Ammonia, NH₃	mg/L	0.005	<0.005
LB037181.024	Ammonia Nitrogen, NH₃ as N	mg/L	0.005	<0.005
	Ammonia, NH₃	mg/L	0.005	<0.005
Mercury (dissolved) in Water	Mercury (dissolved) in Water		Method: ME-	(AU)-[ENV]AN311/AN31
Sample Number	Parameter	Units	LOR	Result
LB036965.001	Mercury	mg/L	0.0001	<0.0001

Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321

Sample Number	Parameter	Units	LOR	Result
LB036980.001	Calcium, Ca	mg/L	0.2	<0.2
	Magnesium, Mg	mg/L	0.1	<0.1
	Potassium, K	mg/L	0.1	<0.1
	Sodium, Na	mg/L	0.5	<0.5
LB037016.001	Calcium, Ca	mg/L	0.2	<0.2
	Magnesium, Mg	mg/L	0.1	<0.1
	Potassium, K	mg/L	0.1	<0.1
	Sodium, Na	mg/L	0.5	<0.5

Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA

Sample Number	Parameter	Units	LOR	Result
LB037181.001	Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	<0.005
	Nitrite Nitrogen, NO₂ as N	mg/L	0.005	<0.005
LB037181.024	Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	<0.005
	Nitrite Nitrogen, NO₂ as N	mg/L	0.005	<0.005

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METHOD BLANKS

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Red with an appended dagger symbol (†) when outside suggested criteria.

Su	lpl	nai	te i	in '	wa	te

Method: ME-(AU)-[ENV]AN275

Sample Number	Parameter	Units	LOR	Result
LB036977.001	Sulphate	mg/L	1	<1
LB036977.025	Sulphate	mg/L	1	<1

Sulphide by Titration in Water

Method: ME-(AU)-[ENV]AN149

Sample Number	Parameter	Units	LOR	Result
LB037014.001	Sulphide	mg/L	0.5	<0.5

TKN Kjeldahl Digestion by Discrete Analyser

Method: ME-(AU)-[ENV]AN281

Sample Number	Parameter	Units	LOR	Result
LB037019.001	Total Kjeldahl Nitrogen	mg/L	0.05	<0.05

Total and Volatile Suspended Solids (TSS / VSS)

Method: ME-(AU)-[ENV]AN114

Sample Number	Parameter	Units	LOR	Result
LB037169.001	Total Suspended Solids Dried at 105°C	mg/L	5	<5
LB037169.024	Total Suspended Solids Dried at 105°C	mg/L	5	<5

Trace Metals (Dissolved) in Water by ICPMS

Method: ME-(AU)-[ENV]AN318

Sample Number	Parameter	Units	LOR	Result
LB036989.001	Aluminium, Al	μg/L	1	<1
	Arsenic, As	μg/L	1	<1
	Cadmium, Cd	μg/L	0.1	<0.1
	Chromium, Cr	μg/L	1	<1
	Copper, Cu	μg/L	1	<1
	Iron, Fe	μg/L	5	<5
	Lead, Pb	μg/L	1	<1
	Manganese, Mn	μg/L	1	<1
	Nickel, Ni	μg/L	1	<1
	Selenium, Se	μg/L	2	<2
	Zinc, Zn	μg/L	1	<1

Trace Metals (Total) in Water by ICPMS

Method: ME-(AU)-[ENV]AN318

Sample Number	Parameter	Units	LOR	Result
LB036991.001	Total Aluminium	μg/L	5	<5
	Total Iron	μg/L	5	<5

VOCs in Water

Method: ME-(AU)-[ENV]AN433/AN434

Sample Number		Parameter	Units	LOR	Result
LB037004.001	Monocyclic Aromatic	Benzene	μg/L	0.5	<0.5
	Hydrocarbons	Toluene	μg/L	0.5	<0.5
		Ethylbenzene	μg/L	0.5	<0.5
		m/p-xylene	μg/L	1	<1
		o-xylene	μg/L	0.5	<0.5
	Oxygenated Compounds	MtBE (Methyl-tert-butyl ether)	μg/L	0.5	<0.5
	Surrogates	Dibromofluoromethane (Surrogate)	%	-	100
		d4-1,2-dichloroethane (Surrogate)	%	-	98
		d8-toluene (Surrogate)	%	-	97
		Bromofluorobenzene (Surrogate)	%	-	99

Volatile Petroleum Hydrocarbons in Water

Method: ME-(AU)-[ENV]AN433/AN434

Sample Number		Parameter	Units	LOR	Result
LB037004.001		TRH C6-C9	μg/L	40	<40
	Surrogates	Dibromofluoromethane (Surrogate)	%	-	100
		d4-1,2-dichloroethane (Surrogate)	%	-	98
		d8-toluene (Surrogate)	%	-	97
		Bromofluorobenzene (Surrogate)	%	-	99

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Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: MAD = 100 x SDL / Mean + LR

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Red with an appended reason identifier when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

Acidity and Free CO2 Method: ME-(AU)-[ENV]AN140

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065491.006	LB036948.008	Acidity to pH 8.3	mg CaCO3/L	5	180	180	18	0

Alkalinity Method: ME-(AU)-[ENV]AN135

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065491.007	LB036947.012	Total Alkalinity as CaCO3	mg/L	5	<5	< 5	149	0

Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065484.002	LB036977.014	Chloride	mg/L	1	23.332	23.924	19	3
PE065492.001	LB036977.028	Chloride	mg/L	1	10404.998	11879.693	15	13
PE065505.001	LB036977.038	Chloride	mg/L	1	4119.537	4008.802	15	3

Colour by Discrete Analyser Method: ME-(AU)-[ENV]AN285

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065491.006	LB036979.009	Colour (True)	Hazen	1	<1	<1	200	0

Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065491.006	LB036978.010	Filterable Reactive Phosphorus	mg/L	0.002	0.008	0.008	76	0
								_

Fluoride by Ion Selective Electrode in Water Method: ME-(AU)-[ENV]AN141

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065491.001	LB037029.020	Fluoride by ISE	mg/L	0.1	0.5	0.5	36	3
PE065492.005	LB037029.040	Fluoride by ISE	mg/L	0.1	1.1378881027	71.1141962040	24	2
PE065519.001	LB037029.047	Fluoride by ISE	mg/L	0.1	0.3932208242	20.3891056779	41	1

Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065491.002	LB037181.037	Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.030	0.028	32	7
		Ammonia, NH₃	mg/L	0.005	0.036	0.034	29	7
PE065491.006	LB037181.042	Ammonia Nitrogen, NH₃ as N	mg/L	0.005	<0.005	<0.005	200	0
		Ammonia, NH₃	mg/L	0.005	<0.005	<0.005	200	0
PE065611.002	LB037181.013	Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0	0	200	0

Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 Original Duplicate Criteria / PRD //

Original	Duplicate	Faranietei	UIIIIS	LUK	Original	Duplicate	Cillella %	KPD //
PE065484.002	LB036965.017	Mercury	μg/L	0.0001	0	0	200	0
PE065497.001	LB036965.021	Mercury	μg/L	0.0001	0	0	200	0

Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065483.002	LB036980.014	Calcium, Ca	mg/L	0.2	17	17	16	0
		Magnesium, Mg	mg/L	0.1	6.5	6.7	17	4
		Potassium, K	mg/L	0.1	6.7	7.2	16	7
		Sodium, Na	mg/L	0.5	66	69	16	3
PE065491.006	LB036980.024	Calcium, Ca	mg/L	0.2	1000	1100	15	2
		Magnesium, Mg	mg/L	0.1	4300	4400	15	2
		Potassium, K	mg/L	0.1	2000	2000	15	1
		Sodium, Na	mg/L	0.5	52000	54000	15	3
PE065491.007	LB037016.005	Calcium, Ca	mg/L	0.2	<0.2	<0.2	200	0
		Magnesium, Mg	mg/L	0.1	0.1	<0.1	133	2
		Potassium, K	mg/L	0.1	<0.1	<0.1	200	0
		Sodium, Na	mg/L	0.5	2.0	1.5	44	30

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DUPLICATES



Duplicates are calculated as Relative Percentage Difference (RPD) using the formula: RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: MAD = 100 x SDL / Mean + LR

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Red with an appended reason identifer when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA

Method: ME-(AU)-[ENV]AN258

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065491.002	LB037181.037	Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.62	0.62	16	0
		Nitrite Nitrogen, NO₂ as N	mg/L	0.005	<0.005	<0.005	200	0
PE065491.006	LB037181.042	Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	1.2	1.2	15	1
		Nitrite Nitrogen, NO₂ as N	mg/L	0.005	<0.005	<0.005	200	0
PE065611.002	LB037181.013	Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	6.511	6.919	15	6
		Nitrite Nitrogen, NO₂ as N	mg/L	0.005	0	0	200	0
PE065628.001	LB037181.026	Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	1.007	1.009	15	0
		Nitrite Nitrogen, NO₂ as N	mg/L	0.005	0	0	200	0

Sulphate in water

Method: ME-(AU)-[ENV]AN275

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065484.002	LB036977.014	Sulphate	mg/L	1	1.753	2.275	65	26
PE065492.001	LB036977.028	Sulphate	mg/L	1	6887.071	7285.353	15	6
PE065505.001	LB036977.038	Sulphate	mg/L	1	5058.728	5567.21	15	10

Total and Volatile Suspended Solids (TSS / VSS)

Method: ME-(AU)-[ENV]AN114

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065491.006	LB037169.037	Total Suspended Solids Dried at 105°C	mg/L	5	2200	2200	15	1
PE065536.001	LB037169.013	Total Suspended Solids Dried at 105°C	mg/L	5	14.66666666	12.666666666	52	15
PE065557.001	LB037169.026	Total Suspended Solids Dried at 105°C	mg/L	5	548.66666666	1556	15	0

Trace Metals (Dissolved) in Water by ICPMS

Method: ME-(AU)-[ENV]AN318

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065491.002	LB036989.014	Aluminium, Al	μg/L	1	5	4	39	30
		Arsenic, As	μg/L	1	<1	<1	164	0
		Cadmium, Cd	μg/L	0.1	<0.1	<0.1	200	0
		Chromium, Cr	μg/L	1	<1	<1	200	0
		Iron, Fe	μg/L	5	240	240	17	1
		Manganese, Mn	μg/L	1	220	220	15	1
		Nickel, Ni	μg/L	1	<1	1	116	5
		Selenium, Se	μg/L	2	<2	<2	200	0
		Zinc, Zn	μg/L	1	47	47	17	1
PE065505.001	LB036989.021	Aluminium, Al	μg/L	1	67.38	68.1	16	1
		Arsenic, As	μg/L	1	1.032	1.258	102	20
		Chromium, Cr	μg/L	1	0.2911	0.3111	200	7
		Copper, Cu	μg/L	1	10.35	11.14	24	7
		Iron, Fe	μg/L	5	14.38	15.48	48	7
		Lead, Pb	μg/L	1	0.03449	0.0411	200	17
		Manganese, Mn	μg/L	1	27.21	28.46	19	4
		Nickel, Ni	μg/L	1	22.79	24.84	19	9
		Zinc, Zn	μg/L	1	157.4	168.3	16	7

Trace Metals (Total) in Water by ICPMS

Method: ME-(AU)-[ENV]AN318

Original	Duplicate	Parameter	Units	LOR	Original	Duplicate	Criteria %	RPD %
PE065491.006	LB036991.010	Total Aluminium	μg/L	5	18000	18000	15	0
		Total Iron	μg/L	5	23000	22000	15	5

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LABORATORY CONTROL SAMPLES

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA /QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in Green when within suggested criteria or Red with an appended dagger symbol (†) when outside suggested criteria.

Alkalinity						М	lethod: ME-(AU)-[ENV]AN135	
Sample Number	Daramotor		Unite	LOP	Pocult	Expected	Critoria % Pocovory %	

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB036947.002	Total Alkalinity as CaCO3	mg/L	5	47	45	85 - 115	104

Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB036977.002	Chloride	mg/L	1	10	10	85 - 115	103
LB036977.026	Chloride	mg/L	1	10	10	85 - 115	102

Colour by Discrete Analyser Method: ME-(AU)-[ENV]AN285

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB036979.002	Colour (True)	Hazen	1	5	5	90 - 110	93

Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB036978.002	Filterable Reactive Phosphorus	mg/L	0.002	0.052	0.05	80 - 120	103

Fluoride by Ion Selective Electrode in Water Method: ME-(AU)-[ENV]AN141

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB037029.007	Fluoride by ISE	mg/L	0.1	2.1	2	80 - 120	105
LB037029.037	Fluoride by ISE	mg/L	0.1	1.9	2	80 - 120	97

Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB037181.002	Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.83	0.8	85 - 115	104
	Ammonia, NH₃	mg/L	0.005	1.0	0.971	85 - 115	104
LB037181.025	Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.80	0.8	85 - 115	100
	Ammonia, NH₃	mg/L	0.005	0.97	0.971	85 - 115	100
Mercury (dissolved) in Water					Method:	ME-(AU)-[EN\	/JAN311/AN312
Comple Number	Davamatar	Unite	LOB	Dogulé	Evenented	Cuitouio 9/	Decement 0/

							•
Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB036965.002	Mercury	mg/L	0.0001	0.0026	2.5	80 - 120	102

Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321

,	,					6 7 6	
Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB036980.002	Calcium, Ca	mg/L	0.2	190	200	80 - 120	97
	Magnesium, Mg	mg/L	0.1	190	200	80 - 120	95
	Potassium, K	mg/L	0.1	18	20	80 - 120	90
	Sodium, Na	mg/L	0.5	210	200	80 - 120	107
LB037016.002	Calcium, Ca	mg/L	0.2	190	200	80 - 120	94
	Magnesium, Mg	mg/L	0.1	180	200	80 - 120	91
	Potassium, K	mg/L	0.1	18	20	80 - 120	91
	Sodium, Na	mg/L	0.5	210	200	80 - 120	107

Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB037181.002	Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.81	0.8	85 - 115	101
	Nitrite Nitrogen, NO₂ as N	mg/L	0.005	0.81	0.8	85 - 115	102
LB037181.025	Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.79	0.8	85 - 115	99
	Nitrite Nitrogen, NO ₂ as N	mg/L	0.005	0.80	0.8	85 - 115	100

Sulphate in water Method: ME-(AU)-[ENV]AN275

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB036977.002	Sulphate	mg/L	1	11	10	80 - 120	111
LB036977.026	Sulphate	mg/L	1	11	10	80 - 120	110

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LABORATORY CONTROL SAMPLES

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA /QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in Green when within suggested criteria or Red with an appended dagger symbol (†) when outside suggested criteria.

Sulphide by Titration in Water	Method: ME-(AU)-[ENV]AN149

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB037014.002	Sulphide	mg/L	0.5	0.8	1	80 - 120	82

TKN Kjeldahl Digestion by Discrete Analyser

Method: ME-(AU)-[ENV]AN281

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB037019.002	Total Kjeldahl Nitrogen	mg/L	0.05	1.0	1	80 - 120	103

Total and Volatile Suspended Solids (TSS / VSS)

Method: ME-(AU)-[ENV]AN114

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB037169.002	Total Suspended Solids Dried at 105°C	mg/L	5	490	500	85 - 115	98
LB037169.025	Total Suspended Solids Dried at 105°C	mg/L	5	540	500	85 - 115	108

Total Phosphorus by Kjeldahl Digestion DA in Water

Method: ME-(AU)-[ENV]AN279/AN293

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB037019.002	Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.47	0.5	80 - 120	94

Trace Metals (Dissolved) in Water by ICPMS

Method: ME-(AU)-[ENV]AN318

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB036989.002	Aluminium, Al	μg/L	1	12	10	80 - 120	118
	Arsenic, As	μg/L	1	10	10	80 - 120	102
	Cadmium, Cd	μg/L	0.1	10	10	80 - 120	102
	Chromium, Cr	μg/L	1	11	10	80 - 120	107
	Copper, Cu	μg/L	1	11	10	80 - 120	113
	Iron, Fe	μg/L	5	12	10	80 - 120	120
	Lead, Pb	μg/L	1	10	10	80 - 120	96
	Manganese, Mn	μg/L	1	11	10	80 - 120	107
	Nickel, Ni	μg/L	1	11	10	80 - 120	105
	Selenium, Se	μg/L	2	10	10	80 - 120	102
	Zinc, Zn	μg/L	1	11	10	80 - 120	115

Trace Metals (Total) in Water by ICPMS

Method: ME-(AU)-[ENV]AN318

Sample Number	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB036991.002	Total Aluminium	μg/L	5	5	5	80 - 120	105
	Total Iron	μg/L	5	6	5	80 - 120	119

VOCs in Water

Method: ME-(AU)-[ENV]AN433/AN434

Sample Number		Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB037004.002	Monocyclic	Benzene	μg/L	0.5	4.3	5	50 - 150	86
	Aromatic	natic Toluene		0.5	4.5	5	50 - 150	91
		Ethylbenzene	μg/L	0.5	4.6	5	50 - 150	92
	Surrogates	Dibromofluoromethane (Surrogate)	μg/L	-	5.5	5	60 - 130	110
		d4-1,2-dichloroethane (Surrogate)	μg/L	-	5.4	5	60 - 130	108
		d8-toluene (Surrogate)	μg/L	-	4.9	5	60 - 130	98
		Bromofluorobenzene (Surrogate)	μg/L	-	5.0	5	60 - 130	99

Volatile Petroleum Hydrocarbons in Water

Method: ME-(AU)-[ENV]AN433/AN434

								-
Sample Num	ber	Parameter	Units	LOR	Result	Expected	Criteria %	Recovery %
LB037004.002		TRH C6-C9	μg/L	40	<40	30	70 - 130	75
	Surrogates	Dibromofluoromethane (Surrogate)	μg/L	-	5.5	5	60 - 130	110
		d4-1,2-dichloroethane (Surrogate)	μg/L	-	5.4	5	60 - 130	108
		d8-toluene (Surrogate)	μg/L	-	4.9	5	60 - 130	98
		Bromofluorobenzene (Surrogate)	μg/L	-	5.0	5	60 - 130	99

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MATRIX SPIKES

Matrix Spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of this report.

Recovery is shown in Green when within suggested criteria or Red with an appended reason identifer when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

Chloride by Discrete Analyser in Water

Method: ME-(AU)-[ENV]AN274

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
PE065475.001	LB036977.004	Chloride	mg/L	1	440	340	100	94

Filterable Reactive Phosphorus (FRP)

Method: ME-(AU)-[ENV]AN278

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
PE065491.001	LB036978.004	Filterable Reactive Phosphorus	mg/L	0.002	0.052	<0.002	0.05	102

Fluoride by Ion Selective Electrode in Water

Method: ME-(AU)-[ENV]AN141

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
PE065475.001	LB037029.010	Fluoride by ISE	mg/L	0.1	1.4	0.9	0.5	99
PE065492.007	LB037029.042	Fluoride by ISE	mg/L	0.1	1.5	1.02425984270	0.5	93

Mercury (dissolved) in Water

Method: ME-(AU)-[ENV]AN311/AN312

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
PE065475.001	LB036965.004	Mercury	mg/L	0.0001	0.0020	<0.00005	0.0025	99

Metals in Water (Dissolved) by ICPOES QC Sample Sample Number

Method: ME-(AU)-[ENV]AN320/AN321 Original Spike Recovery%

PE065475.001	LB036980.004	Calcium, Ca	mg/L	0.2	220	60	200	83
		Magnesium, Mg	mg/L	0.1	210	48	200	82
		Potassium, K	mg/L	0.1	69	45	20	124
		Sodium, Na	mg/L	0.5	500	310	200	95
PE065491.007	LB037016.004	Calcium, Ca	mg/L	0.2	200	<0.2	200	99
		Magnesium, Mg	mg/L	0.1	200	0.1	200	99
		Potassium, K	mg/L	0.1	20	<0.1	20	98
		Sodium, Na	mg/L	0.5	230	2.0	200	116
Sulphate in water						Mett	hod: ME-(AU	J)-[ENV]AN27
OC Sample	Sample Number	Parameter	Units	LOR	Pasult	Original	Snika	Pecovery ⁰ /

00	Comple	

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
PE065475.001	LB036977.004	Sulphate	mg/L	1	290	200	100	84

Trace Metals (Dissolved) in Water by ICPMS

Method: ME-(AU)-[ENV]AN318

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
PE065475.001	LB036989.004	Aluminium, Al	μg/L	1	12	0.001	10	111
		Arsenic, As	μg/L	1	10	<0.001	10	99
		Chromium, Cr	μg/L	1	11	<0.001	10	104
		Copper, Cu	μg/L	1	15	0.006	10	92
		Iron, Fe	μg/L	5	39	0.029	10	99
		Lead, Pb	μg/L	1	9	<0.001	10	88
		Manganese, Mn	μg/L	1	11	0.001	10	101
		Nickel, Ni	μg/L	1	10	<0.001	10	95
		Zinc, Zn	μg/L	1	29	0.021	10	75

Trace Metals (Total) in Water by ICPMS

Method: ME-(AU)-[ENV]AN318

QC Sample	Sample Number	Parameter	Units	LOR	Result	Original	Spike	Recovery%
PE065491.001	LB036991.004	Total Iron	μg/L	5	4200	4200	5	0 ⑤

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MATRIX SPIKE DUPLICATES

PE065491 R0

Matrix spike duplicates are calculated as Relative Percent Difference (RPD) using the formula: RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The original result is the analyte concentration of the matrix spike. The Duplicate result is the analyte concentration of the matrix spike duplicate.

The RPD is evaluated against the Maximum Allowable Difference (MAD) criteria and can be graphically represented by a curve calculated from the Statistical Detection Limit (SDL) and Limiting Repeatability (LR) using the formula: $MAD = 100 \times SDL / Mean + LR$

Where the Maximum Allowable Difference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Red with an appended reason identifer when outside suggested criteria. Refer to the footnotes section at the end of this report for failure reasons.

No matrix spike duplicates were required for this job.

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PE065491 R0



Samples analysed as received.

Solid samples expressed on a dry weight basis.

QC criteria are subject to internal review according to the SGS QA/QC plan and may be provided on request or alternatively can be found here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-11.pdf

- * Non-accredited analysis.
- Sample not analysed for this analyte.
- ^ Analysis performed by external laboratory.
- IS Insufficient sample for analysis.

 LNR Sample listed, but not received.

 LOR Limit of reporting.
- QFH QC result is above the upper tolerance.
- QFL QC result is below the lower tolerance.
- ① At least 2 of 3 surrogates are within acceptance criteria.
- 2 RPD failed acceptance criteria due to sample heterogeneity.
- 3 Results less than 5 times LOR preclude acceptance criteria for RPD.
- Recovery failed acceptance criteria due to matrix interference.
- ® Recovery failed acceptance criteria due to the presence of significant concentration of analyte (i.e. the concentration of analyte exceeds the spike level).
- © LOR was raised due to sample matrix interference.
- ① LOR was raised due to dilution of significantly high concentration of analyte in sample.
- ® Reanalysis of sample in duplicate confirmed sample heterogeneity and inconsistency of results.
- Low surrogate recovery due to the sample emulsifying during extraction.
- † Refer to Analytical Report comments for further information.

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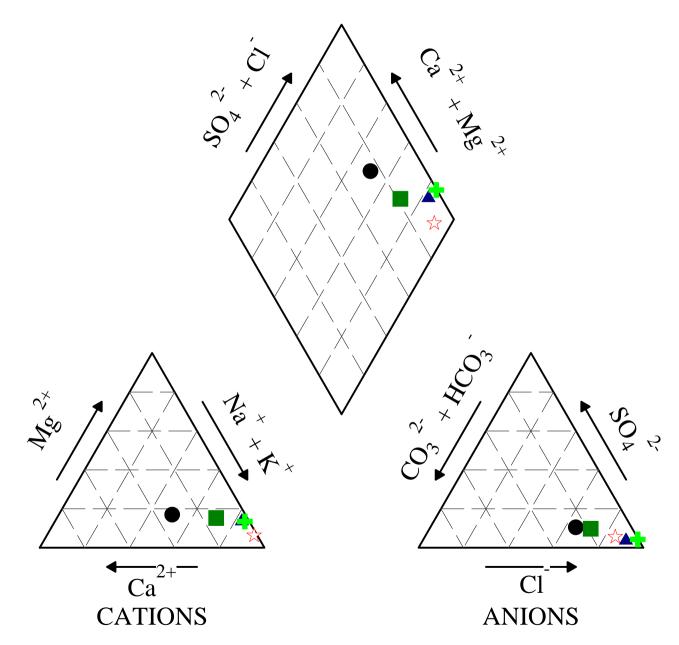
Annex G

Piper Plots

Piper Plot - Burrup Nitrates - April 2011

EXPLANATION

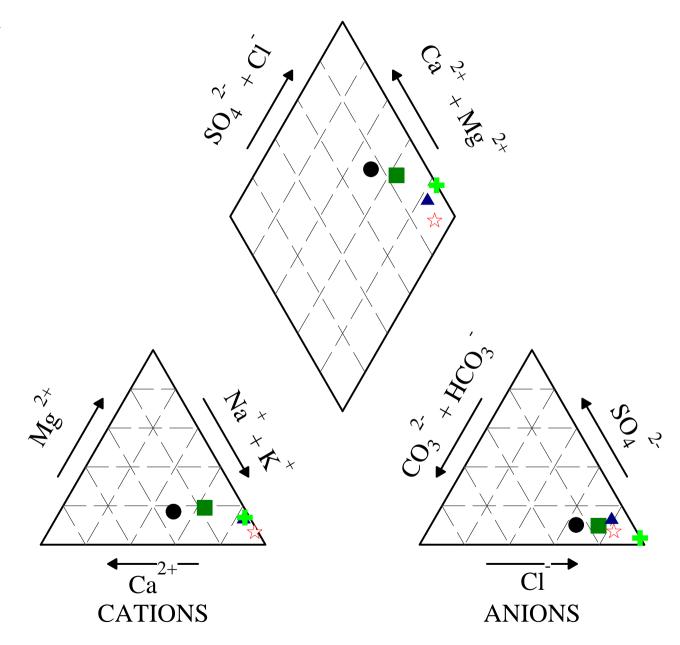
- MW1
- MW2
- ▲ MW3
- ☆ MW4
- **+** MW5



Piper Plot - Burrup Nitrates - September 2011

EXPLANATION

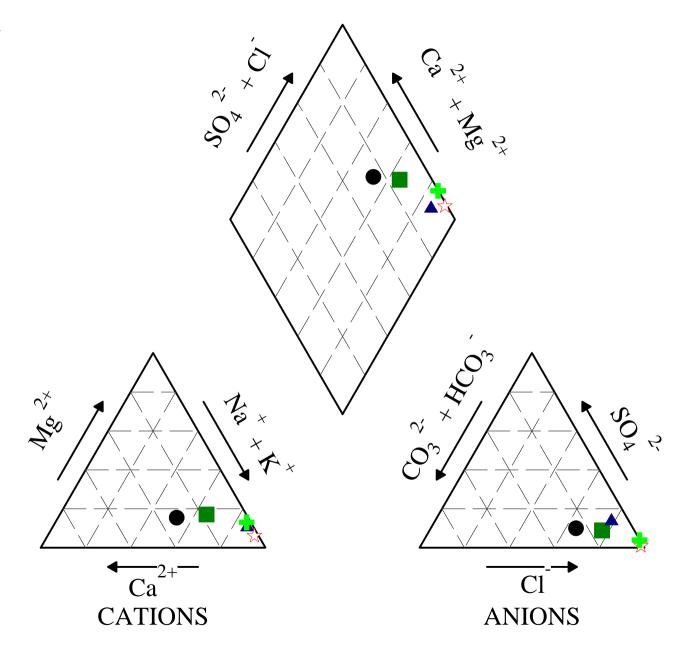
- MW1
- MW2
- ▲ MW3
- ☆ MW4
- **+** MW5



Piper Plot - Burrup Nitrates - February 2012

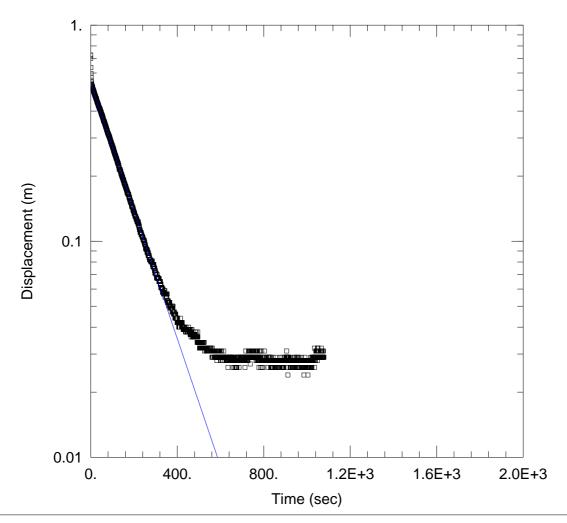
EXPLANATION

- MW1
- MW2
- ▲ MW3
- ☆ MW4
- **+** MW5



Annex H

Slug Tests



Data Set: C:\...\MW1 Test 1a.aqt

Date: 04/11/12 Time: 11:56:43

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.352 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW1)

Initial Displacement: 0.726 m

Total Well Penetration Depth: 5.352 m

Casing Radius: 0.026 m

n Static Water Column Height: 5.352 m screen Length: 3. m

Well Radius: 0.1 m

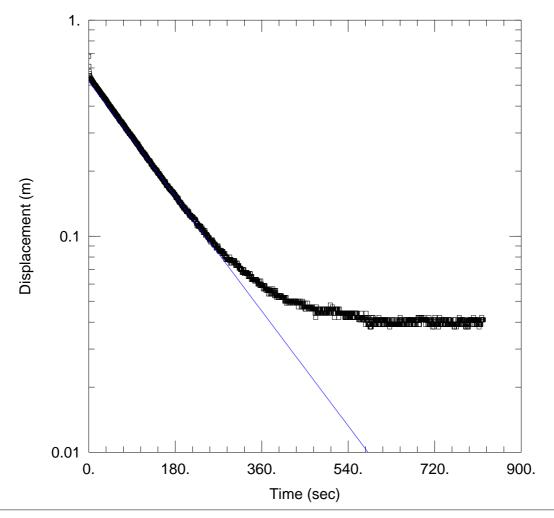
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.1934 m/day

y0 = 0.5364 m



Data Set: C:\...\MW1 Test 2a.aqt

Date: 04/11/12 Time: 11:48:38

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.35 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW1)

Initial Displacement: 0.681 m

Total Well Penetration Depth: 5.351 m

Casing Radius: 0.026 m

Static Water Column Height: 5.35 m

Screen Length: 3. m Well Radius: 0.1 m

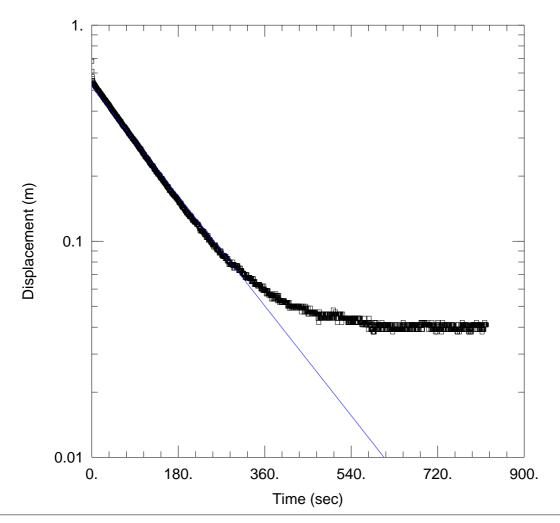
SOLUTION

Aquifer Model: Unconfined

K = 0.1936 m/day

Solution Method: Bouwer-Rice

y0 = 0.521 m



Data Set: C:\...\MW1 Test 2a.aqt

Date: 04/11/12 Time: 11:52:23

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 10.35 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW1)

Initial Displacement: 0.681 m

Total Well Penetration Depth: 5.351 m

Casing Radius: 0.026 m

Static Water Column Height: 5.35 m

Screen Length: 3. m Well Radius: 0.1 m

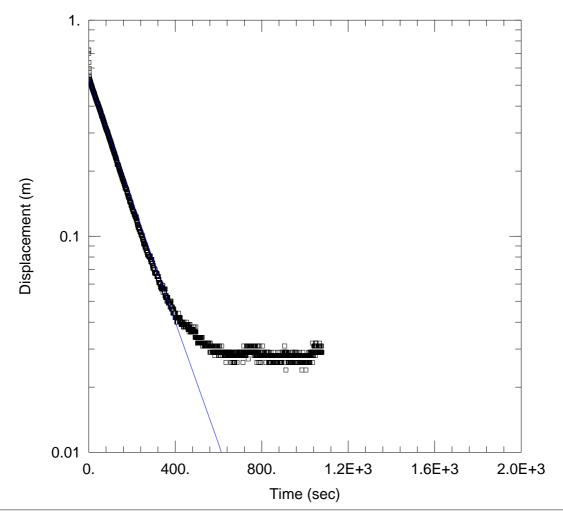
SOLUTION

Aquifer Model: Unconfined

K = 0.1545 m/day

Solution Method: Bouwer-Rice

y0 = 0.5213 m



Data Set: C:\...\MW1 Test 1a.aqt

Date: 04/11/12 Time: 12:00:41

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.352 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW1)

Initial Displacement: 0.726 m

Total Well Penetration Depth: 5.352 m

Casing Radius: 0.026 m

Static Water Column Height: 5.352 m

Screen Length: 3. m Well Radius: 0.1 m

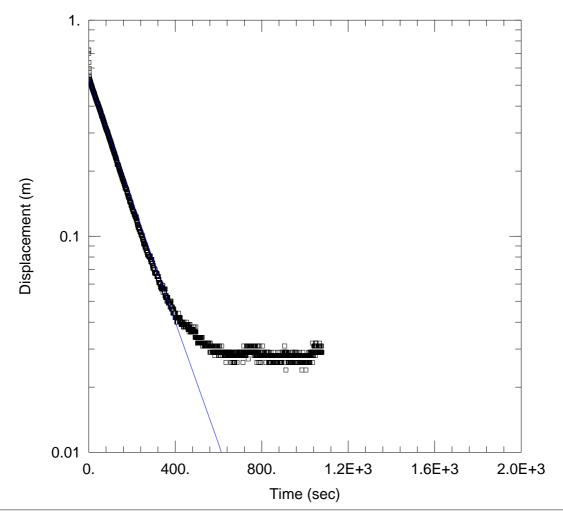
SOLUTION

Aquifer Model: Unconfined

K = 0.2585 m/day

Solution Method: Hvorslev

y0 = 0.5362 m



Data Set: C:\...\MW1 Test 1a.aqt

Date: 04/11/12 Time: 12:00:41

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.352 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW1)

Initial Displacement: 0.726 m

Total Well Penetration Depth: 5.352 m

Casing Radius: 0.026 m

Static Water Column Height: 5.352 m

Screen Length: 3. m Well Radius: 0.1 m

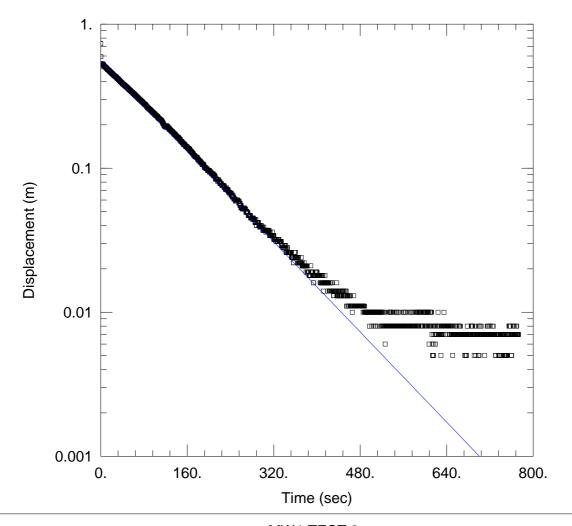
SOLUTION

Aquifer Model: Unconfined

K = 0.2585 m/day

Solution Method: Hvorslev

y0 = 0.5362 m



Data Set: C:\...\MW1 Test 3a.aqt

Date: 04/11/12 Time: 11:13:38

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.35 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW1)

Initial Displacement: 0.731 m

Total Well Penetration Depth: 4.091 m

Casing Radius: 0.026 m

Static Water Column Height: 5.35 m Screen Length: 3. m

Well Radius: 0.1 m

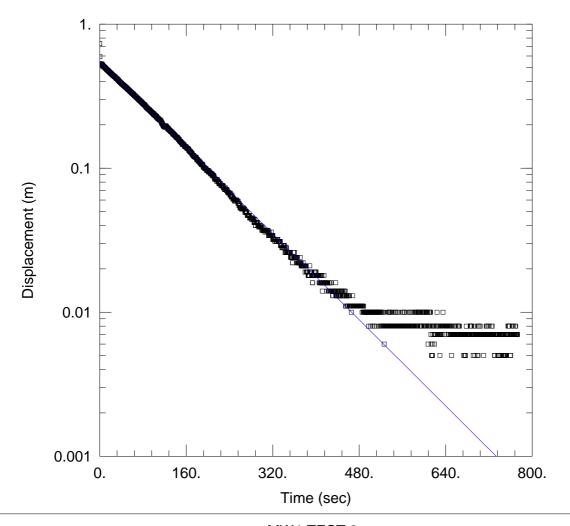
SOLUTION

Aquifer Model: Unconfined

K = 0.2132 m/day

Solution Method: Bouwer-Rice

y0 = 0.5501 m



Data Set: C:\...\MW1 Test 3a.aqt

Date: 04/11/12 Time: 11:11:57

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 10.35 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW1)

Initial Displacement: 0.731 m

Total Well Penetration Depth: 4.091 m

Casing Radius: 0.026 m

Static Water Column Height: 5.35 m

Screen Length: 3. m Well Radius: 0.1 m

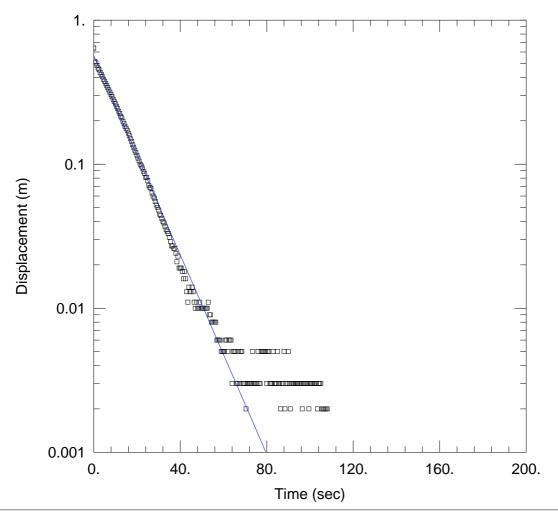
SOLUTION

Aquifer Model: Unconfined

K = 0.1936 m/day

Solution Method: Bouwer-Rice

y0 = 0.5501 m



Data Set: C:\...\MW2 Test 1a.aqt

Date: 04/11/12 Time: 12:12:48

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.108 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.64 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m Well Radius: 0.1 m

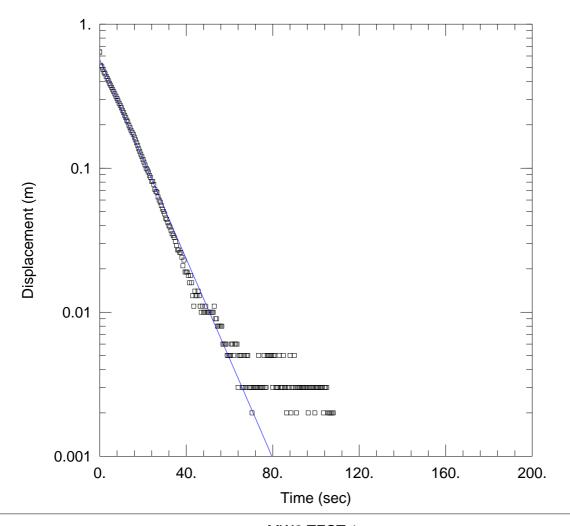
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.244 m/day

y0 = 0.566 m



Data Set: C:\...\MW2 Test 1a.aqt

Date: 04/11/12 Time: 12:14:18

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 10.11 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.64 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m Well Radius: 0.1 m

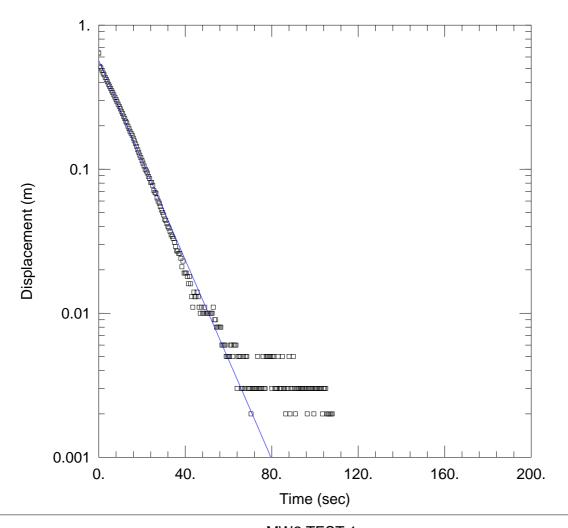
SOLUTION

Aquifer Model: Unconfined

Solution Method: <u>Bouwer-Rice</u>

K = 1.876 m/day

y0 = 0.566 m



Data Set: C:\...\MW2 Test 1a.aqt

Date: 04/11/12 Time: 12:16:33

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.108 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.64 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m Well Radius: 0.1 m

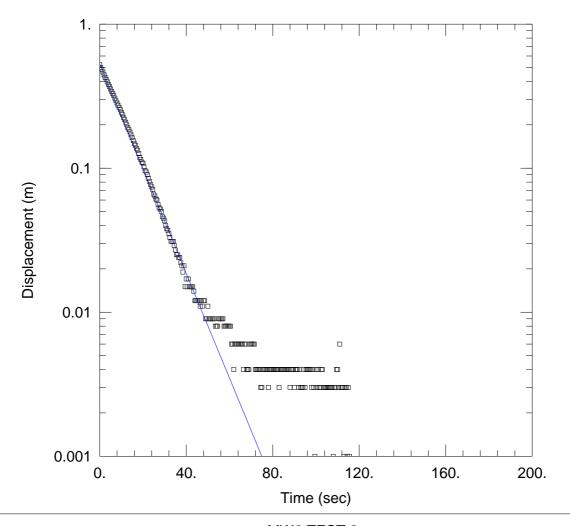
SOLUTION

Aquifer Model: Unconfined

Solution Method: Hvorslev

K = 3.173 m/day

y0 = 0.566 m



Data Set: C:\...\MW2 Test 2a.aqt

Date: 04/11/12 Time: 12:59:47

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.108 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.522 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m

Well Radius: 0.1 m

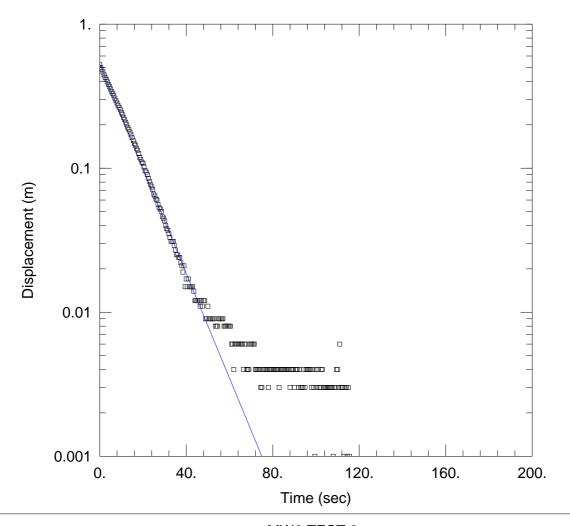
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.358 m/day

y0 = 0.5275 m



Data Set: C:\...\MW2 Test 2a.aqt

Date: 04/11/12 Time: 13:02:11

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 10.11 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.522 m

Total Well Penetration Depth: 5.108 m Casing Radius: 0.026 m

Static Water Column Height: 5.108 m Screen Length: 3. m

Well Radius: 0.1 m

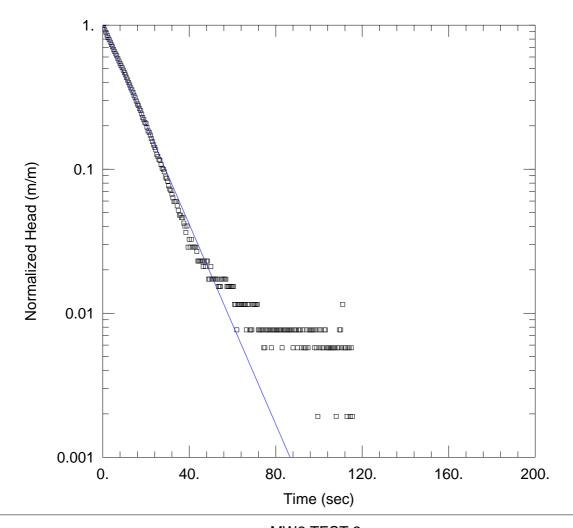
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 1.972 m/day

y0 = 0.5275 m



Data Set: C:\...\MW2 Test 2a.aqt

Date: 04/11/12 Time: 13:08:22

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.108 m Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW2)

Initial Displacement: 0.522 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m Well Radius: 0.1 m

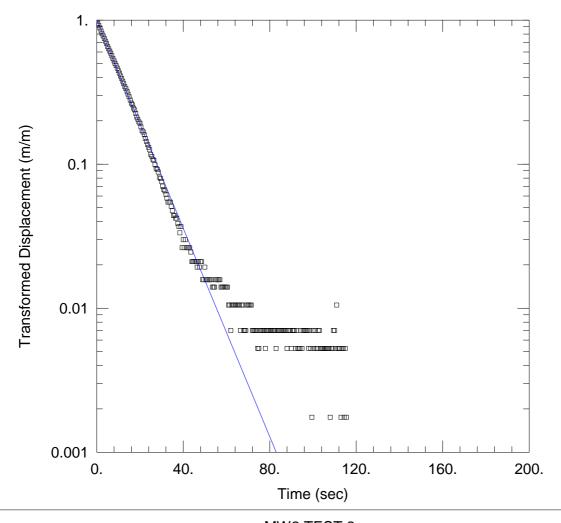
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.988 m/day

y0 = 0.5275 m



Data Set: C:\...\MW2 Test 2a.aqt

Date: 04/11/12 Time: 13:07:15

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.108 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.522 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m Well Radius: 0.1 m

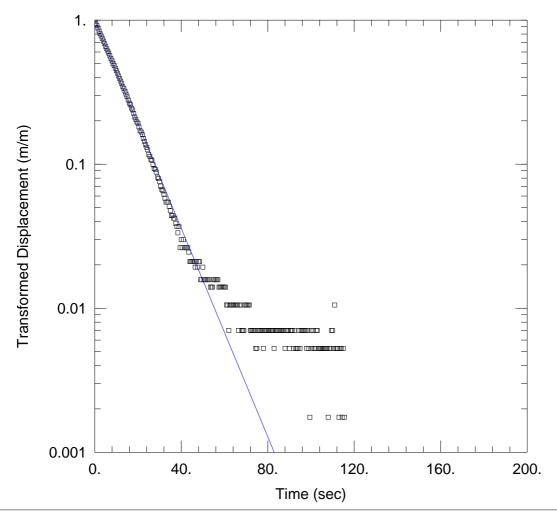
SOLUTION

Aquifer Model: Unconfined

Solution Method: Dagan

K = 2.156 m/day

y0 = 0.5228 m



Data Set: C:\...\MW2 Test 2a.aqt

Date: 04/11/12 Time: 13:06:24

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 10.11 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.522 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m Well Radius: 0.1 m

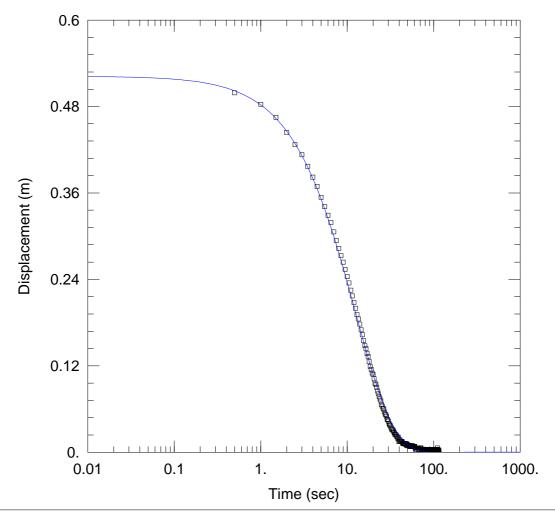
SOLUTION

Aquifer Model: Unconfined

Solution Method: Dagan

K = 2.102 m/day

y0 = 0.5228 m



Data Set: C:\...\MW2 Test 2a.aqt

Date: 04/11/12 Time: 13:03:50

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.108 m

WELL DATA (MW2)

Initial Displacement: 0.522 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

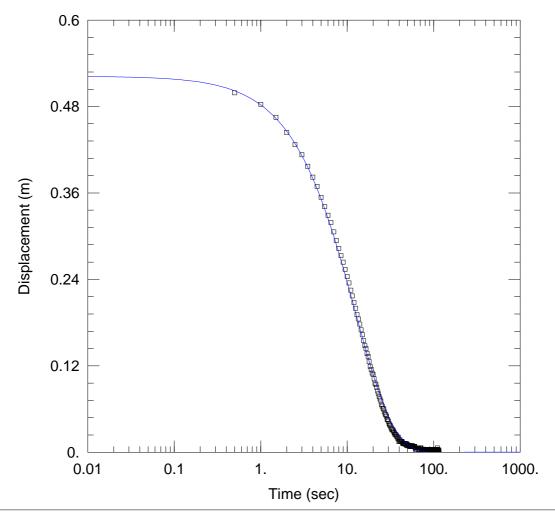
Aquifer Model: Unconfined

Kr = 2.605 m/day

 $Kz/Kr = \overline{1}$.

Solution Method: KGS Model

Ss = $3.874E-11 \text{ m}^{-1}$



Data Set: C:\...\MW2 Test 2a.aqt

Date: 04/11/12 Time: 13:04:36

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 10.11 m

WELL DATA (MW2)

Initial Displacement: 0.522 m

22 m Static Water Column Height: 5.108 m

Total Well Penetration Depth: 5.108 m Screen Length: 3. m Casing Radius: 0.026 m Well Radius: 0.1 m

SOLUTION

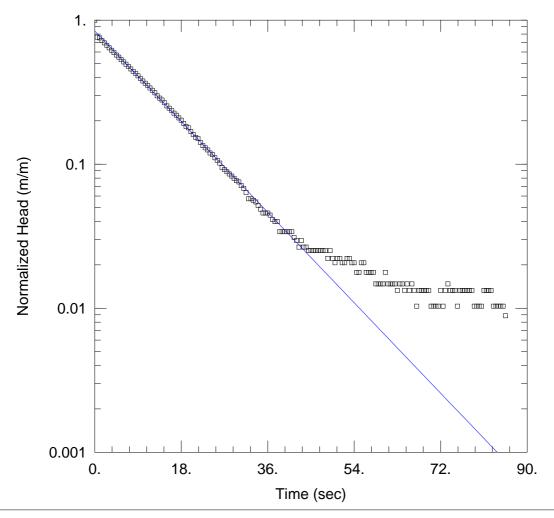
Aquifer Model: Unconfined

Solution Method: KGS Model

Kr = 2.287 m/day

Ss = $3.874E-11 \text{ m}^{-1}$

Kz/Kr = 1.



Data Set: C:\...\MW2 Test 3a.aqt

Date: 04/11/12 Time: 13:13:00

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.108 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.678 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m Well Radius: 0.1 m

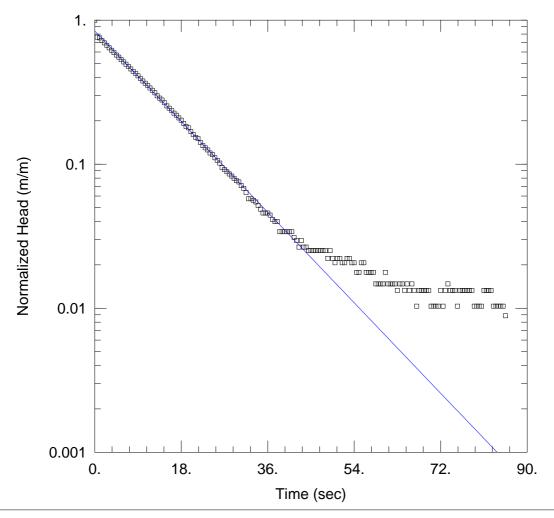
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.267 m/day

y0 = 0.5694 m



Data Set: C:\...\MW2 Test 3a.aqt

Date: 04/11/12 Time: 13:15:11

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 10.11 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.678 m

Total Well Penetration Depth: 5.108 m Casing Radius: 0.026 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

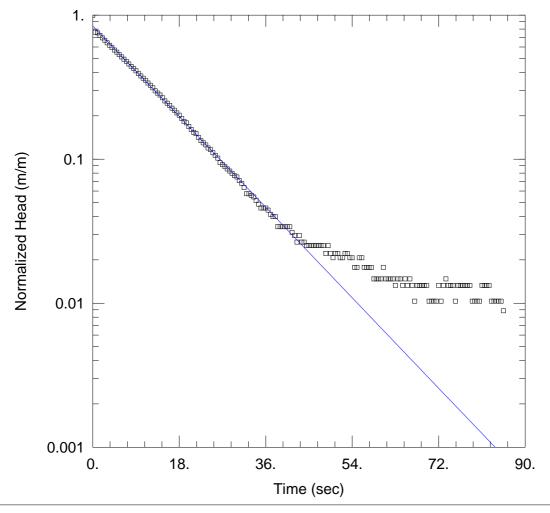
Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

Static Water Column Height: 5.108 m

K = 1.896 m/day

y0 = 0.5695 m



Data Set: C:\...\MW2 Test 3a.aqt

Date: 04/11/12 Time: 13:21:34

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 5.108 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.678 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m Well Radius: 0.1 m

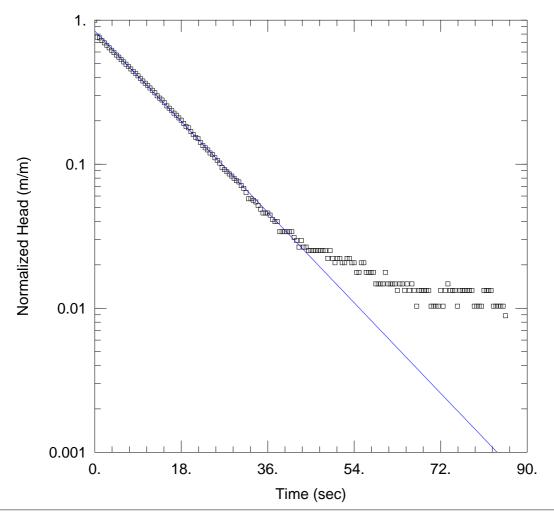
SOLUTION

Aquifer Model: Unconfined

Solution Method: Hvorslev

K = 3.205 m/day

y0 = 0.5694 m



Data Set: C:\...\MW2 Test 3a.aqt

Date: 04/11/12 Time: 13:20:51

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 10.11 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.678 m

Total Well Penetration Depth: 5.108 m

Casing Radius: 0.026 m

Static Water Column Height: 5.108 m

Screen Length: 3. m Well Radius: 0.1 m

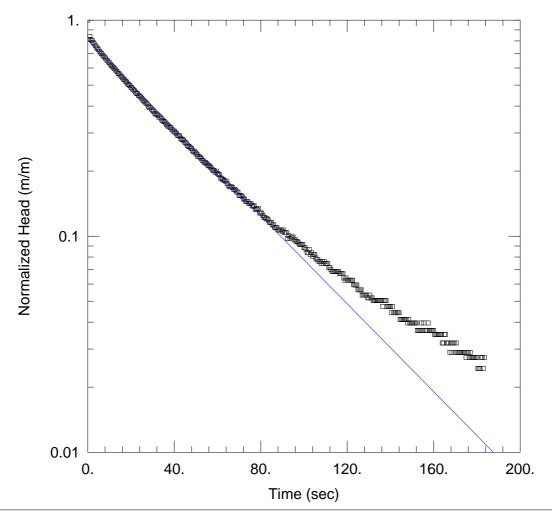
SOLUTION

Aquifer Model: Unconfined

Solution Method: Hvorslev

K = 2.663 m/day

y0 = 0.5695 m



Data Set: C:\...\MW3 Test 1a.aqt

Date: 04/11/12 Time: 14:21:09

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 6.21 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.656 m

Total Well Penetration Depth: 6.21 m

Casing Radius: 0.026 m

Static Water Column Height: 6.21 m

Screen Length: 3. m Well Radius: 0.1 m

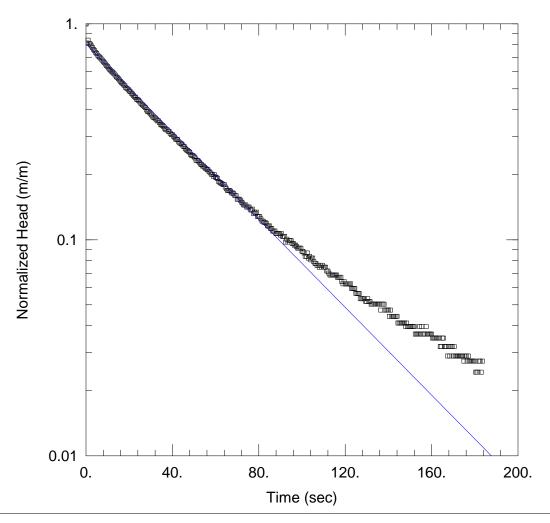
SOLUTION

Aquifer Model: Unconfined

K = 0.6861 m/day

Solution Method: Bouwer-Rice

y0 = 0.5289 m



Data Set: C:\...\MW3 Test 1a.aqt

Date: <u>04/11/12</u> Time: <u>14:22:31</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 11.21 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.656 m

Total Well Penetration Depth: 6.21 m

Casing Radius: 0.026 m

Static Water Column Height: 6.21 m

Screen Length: 3. m Well Radius: 0.1 m

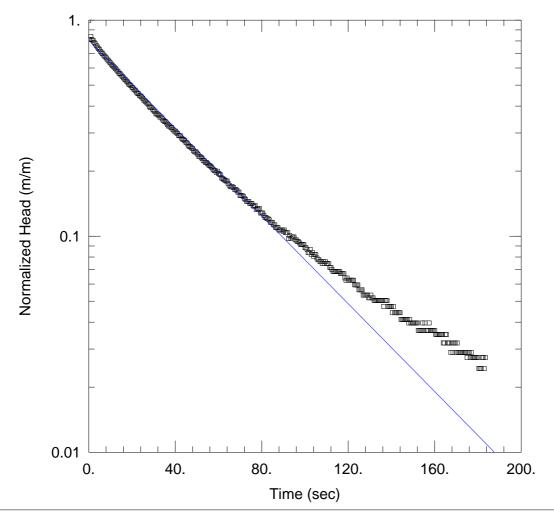
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.5697 m/day

y0 = 0.5287 m



Data Set: C:\...\MW3 Test 1a.aqt

Date: 04/11/12 Time: 14:19:06

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 6.21 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.656 m

Total Well Penetration Depth: 6.21 m

Casing Radius: 0.026 m

Static Water Column Height: 6.21 m

Screen Length: 3. m Well Radius: 0.1 m

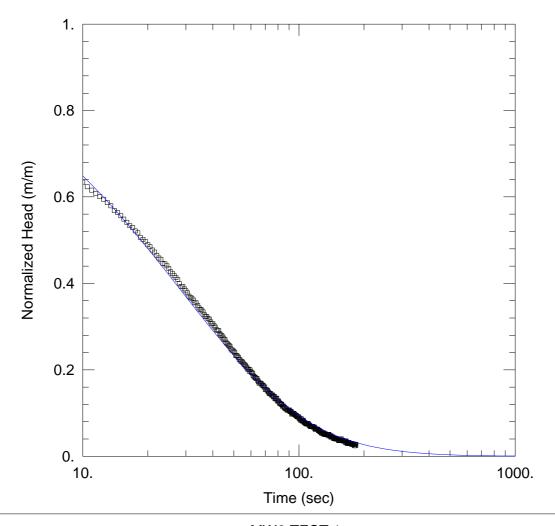
SOLUTION

Aquifer Model: Unconfined

K = 0.9325 m/day

Solution Method: Hvorslev

y0 = 0.5288 m



Data Set: C:\...\MW3 Test 1a.aqt

Date: 04/11/12 Time: 14:20:36

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 6.21 m

WELL DATA (MW3)

Initial Displacement: 0.656 m

Total Well Penetration Depth: 6.21 m

Casing Radius: 0.026 m

Static Water Column Height: 6.21 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

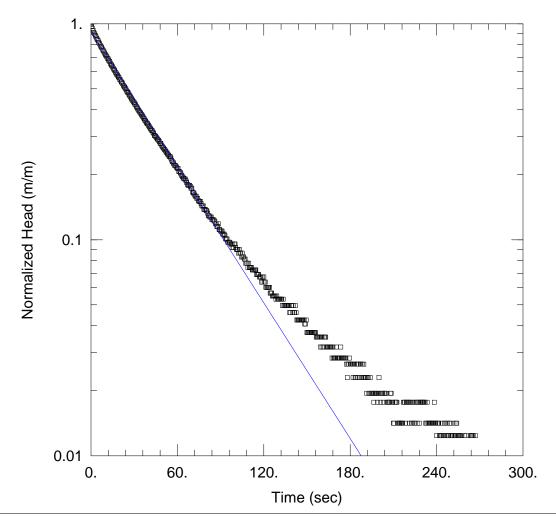
Aquifer Model: Unconfined

Kr = 0.8472 m/day

 $Kz/Kr = \overline{1}$.

Solution Method: KGS Model

 $Ss = 0.0002169 \,\mathrm{m}^{-1}$



Data Set: C:\...\MW3 Test 2a.aqt

Date: <u>04/11/12</u> Time: <u>14:25:32</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 6.21 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.565 m

Total Well Penetration Depth: 6.21 m

Casing Radius: 0.026 m

Static Water Column Height: 6.21 m

Screen Length: 3. m Well Radius: 0.1 m

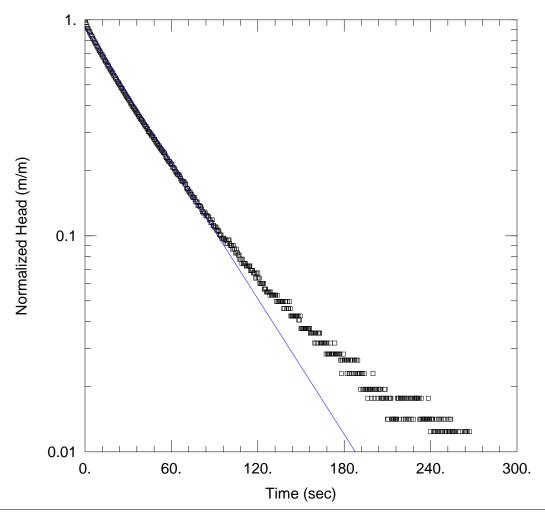
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.7067 m/day

y0 = 0.5203 m



Data Set: C:\...\MW3 Test 2a.aqt

Date: <u>04/11/12</u> Time: <u>14:27:04</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 11.21 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.565 m

Total Well Penetration Depth: 6.21 m

Casing Radius: 0.026 m

Static Water Column Height: 6.21 m

Screen Length: 3. m Well Radius: 0.1 m

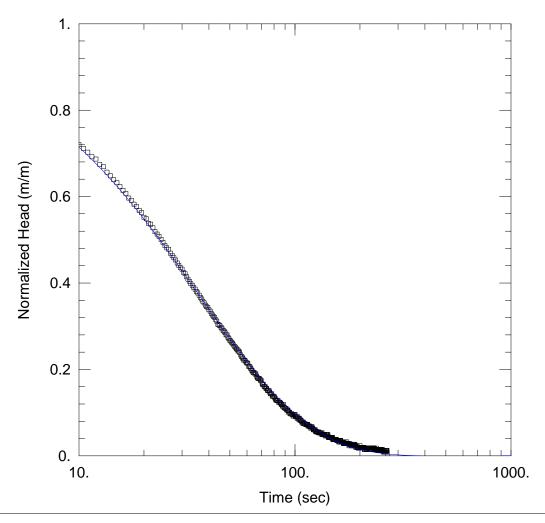
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.5868 m/day

y0 = 0.5202 m



Data Set: C:\...\MW3 Test 2a.aqt

Date: <u>04/11/12</u> Time: <u>14:30:04</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 6.21 m

WELL DATA (MW3)

Initial Displacement: 0.565 m

Total Well Penetration Depth: 6.21 m

Casing Radius: 0.026 m

Static Water Column Height: 6.21 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

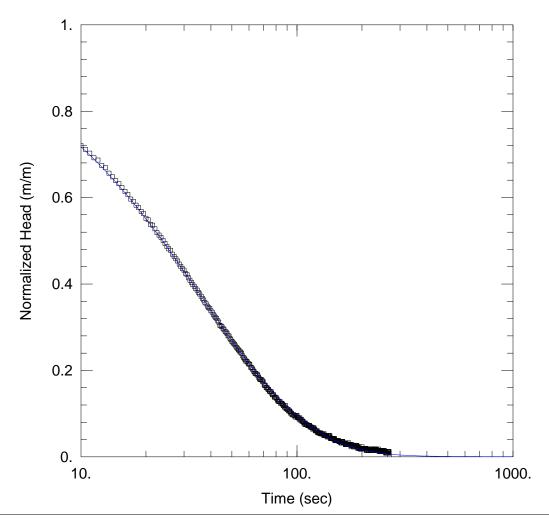
Aquifer Model: Unconfined

Kr = 0.8517 m/day

 $Kz/Kr = \overline{1}$.

Solution Method: KGS Model

Ss = $4.446E-5 \text{ m}^{-1}$



Data Set: C:\...\MW3 Test 2a.aqt

Date: <u>04/11/12</u> Time: <u>14:29:22</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 11.21 m

WELL DATA (MW3)

Initial Displacement: 0.565 m

Static Water Column Height: 6.21 m

Total Well Penetration Depth: 6.21 m

Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

SOLUTION

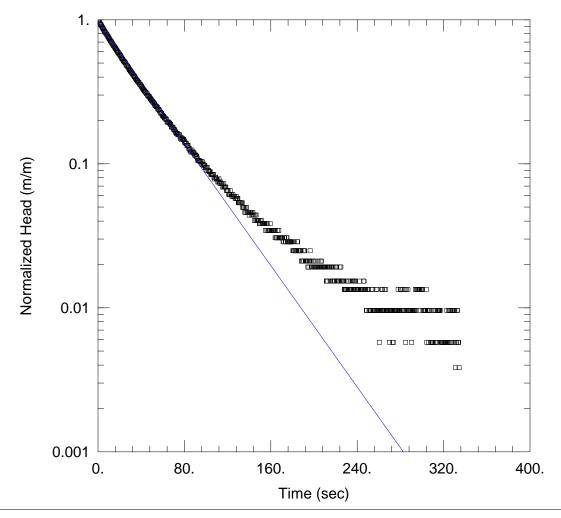
Aquifer Model: Unconfined

Solution Method: KGS Model

 $Kr = \underline{0.728} \text{ m/day}$

Ss = $6.496E-5 \text{ m}^{-1}$

 $Kz/Kr = \overline{1}$.



Data Set: C:\...\MW3 Test 3a.aqt

Date: <u>04/11/12</u> Time: <u>14:35:23</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 6.217 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.522 m

Total Well Penetration Depth: 6.217 m

Casing Radius: 0.026 m

Static Water Column Height: 6.217 m

Screen Length: 3. m Well Radius: 0.1 m

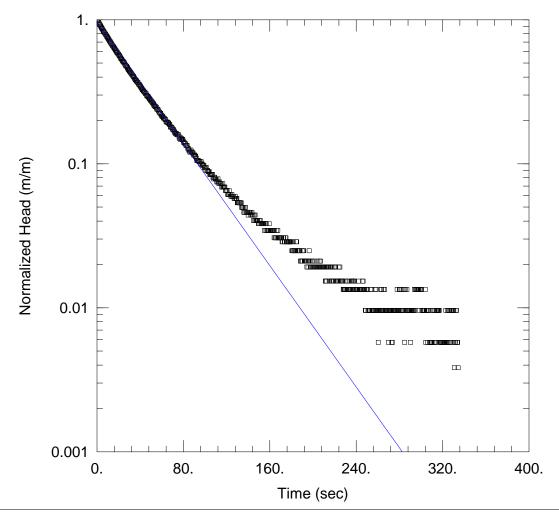
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.7119 m/day

y0 = 0.4985 m



Data Set: C:\...\MW3 Test 3a.aqt

Date: <u>04/11/12</u> Time: <u>14:36:29</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 11.22 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.522 m

Total Well Penetration Depth: 6.217 m

Casing Radius: 0.026 m

Static Water Column Height: 6.217 m

Screen Length: 3. m Well Radius: 0.1 m

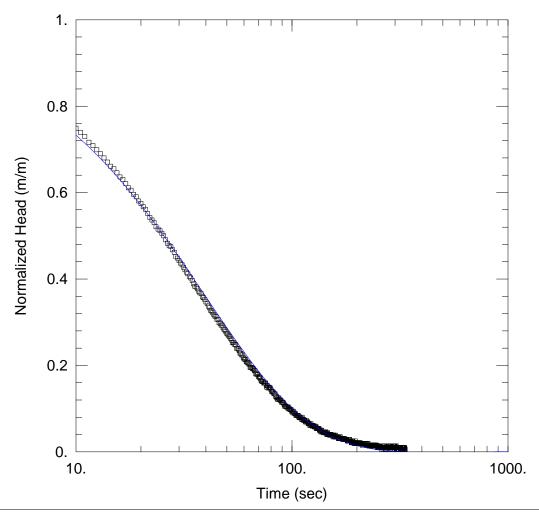
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.5913 m/day

y0 = 0.4985 m



Data Set: C:\...\MW3 Test 3a.aqt

Date: <u>04/11/12</u> Time: <u>14:39:33</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 6.217 m

WELL DATA (MW3)

Initial Displacement: 0.522 m

Static Water Column Height: 6.217 m

Total Well Penetration Depth: 6.217 m

Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

SOLUTION

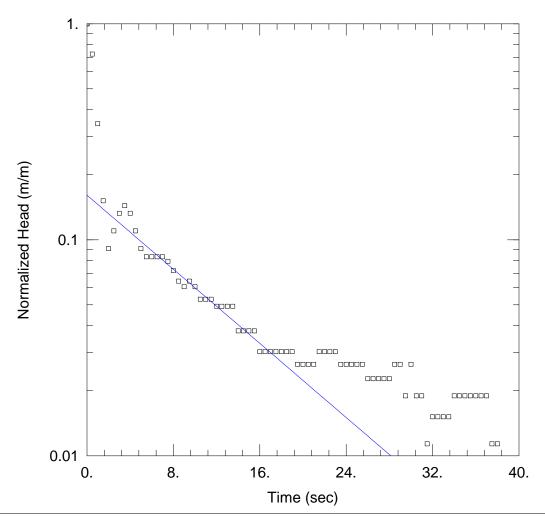
Aquifer Model: Unconfined

Solution Method: KGS Model

Kr = 0.8229 m/day

Ss = $2.996E-5 \text{ m}^{-1}$

 $Kz/Kr = \overline{1}$.



Data Set: C:\...\MW4 Test 1a.aqt

Date: <u>04/11/12</u> Time: <u>16:04:11</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 3.951 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.264 m

Static Water Column Height: 3.951 m

Total Well Penetration Depth: 3.951 m

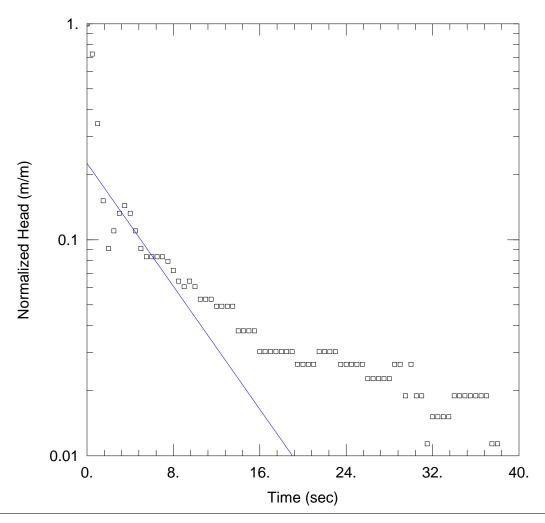
Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 2.634 m/day y0 = 0.04246 m



Data Set: C:\...\MW4 Test 1a.aqt

Date: 04/11/12 Time: 16:06:39

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 8.951 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.264 m

Total Well Penetration Depth: 3.951 m

Casing Radius: 0.026 m

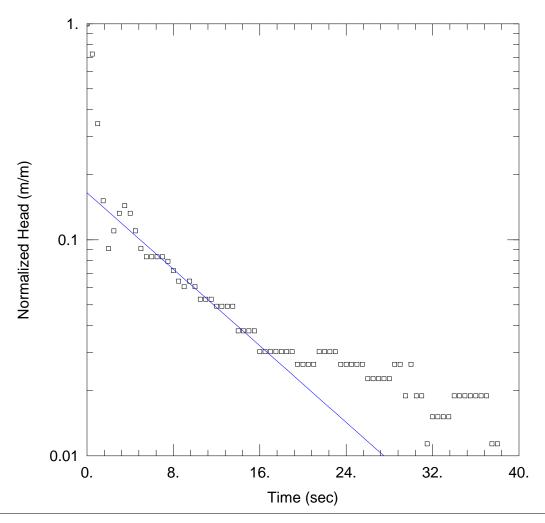
Static Water Column Height: 3.951 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 3.69 m/day y0 = 0.05965 m



Data Set: C:\...\MW4 Test 1a.aqt

Date: <u>04/11/12</u> Time: <u>16:07:09</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 8.951 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.264 m

Static Water Column Height: 3.951 m

Total Well Penetration Depth: 3.951 m

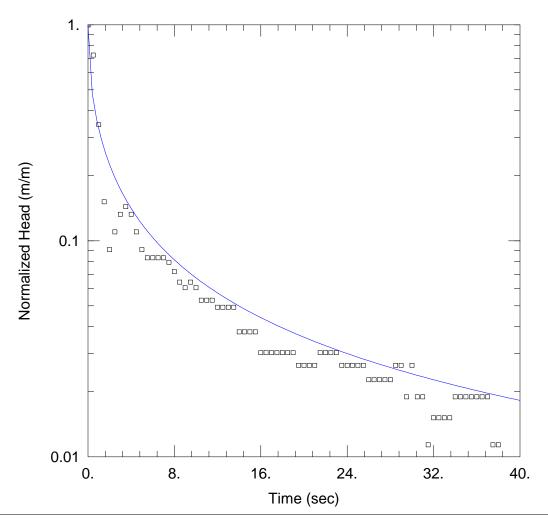
Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 2.295 m/day y0 = 0.04358 m



Data Set: C:\...\MW4 Test 1a.aqt

Date: <u>04/11/12</u> Time: <u>16:09:01</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 3.951 m

WELL DATA (MW4)

Initial Displacement: 0.264 m Static Water Column Height: 3.951 m

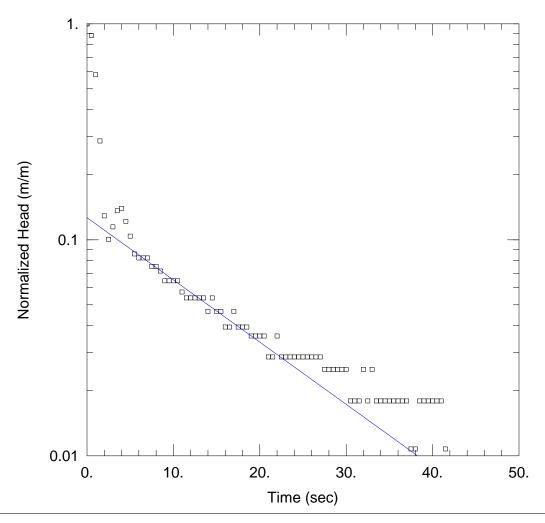
Total Well Penetration Depth: 3.951 m Screen Length: 3. m Casing Radius: 0.026 m Well Radius: 0.1 m

SOLUTION

Aquifer Model: Unconfined Solution Method: KGS Model

 $Ss = 0.02266 \text{ m}^{-1}$

Kz/Kr = 1.



Data Set: C:\...\MW4 Test 2a.aqt

Date: <u>04/11/12</u> Time: <u>16:14:33</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 3.951 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

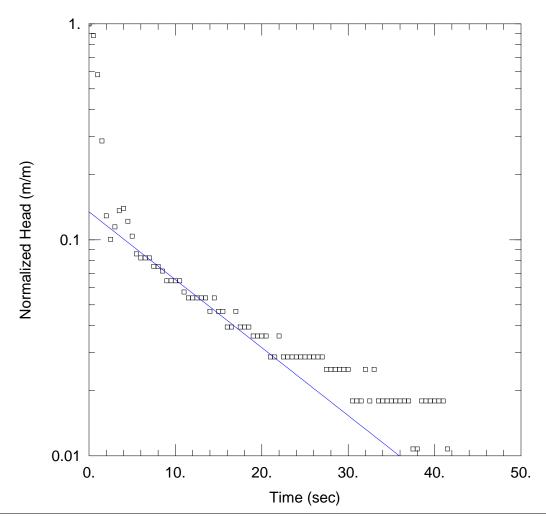
Initial Displacement: 0.279 m Static Water Column Height: 3.951 m

Total Well Penetration Depth: 3.951 m Screen Length: 3. m Casing Radius: 0.026 m Well Radius: 0.1 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 1.77 m/day y0 = 0.03531 m



Data Set: C:\...\MW4 Test 2a.aqt

Date: <u>04/11/12</u> Time: <u>16:17:08</u>

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 8.951 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.279 m

Static Water Column Height: 3.951 m

Total Well Penetration Depth: 3.951 m

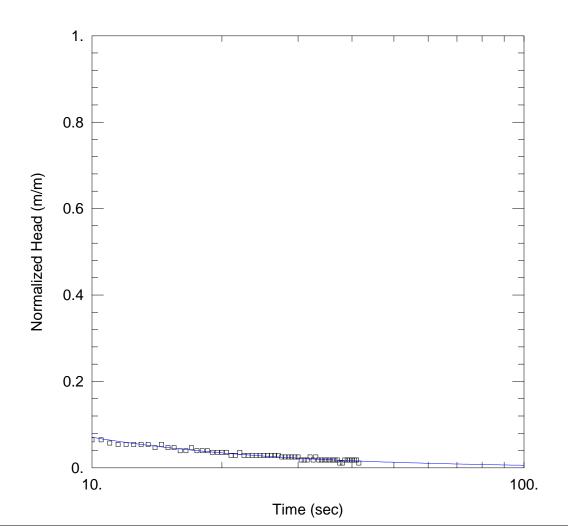
Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 1.63 m/day y0 = 0.03758 m



Data Set: C:\...\MW4 Test 2a.aqt

Date: <u>04/11/12</u> Time: <u>16:22:22</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 3.951 m

WELL DATA (MW4)

Initial Displacement: 0.279 m Static Water Column Height: 3.951 m

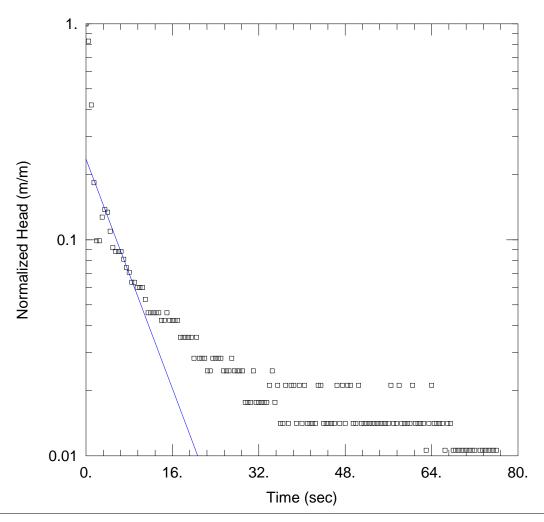
Total Well Penetration Depth: 3.951 m Screen Length: 3. m Casing Radius: 0.026 m Well Radius: 0.1 m

SOLUTION

Aquifer Model: Unconfined Solution Method: KGS Model

Kr = 7.055 m/day Ss = 0.009138 m⁻¹

Kz/Kr = 1.



Data Set: C:\...\MW4 Test 3a.aqt

Date: 04/11/12 Time: 16:24:55

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 3.951 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.283 m Static Water Column Height: 3.951 m

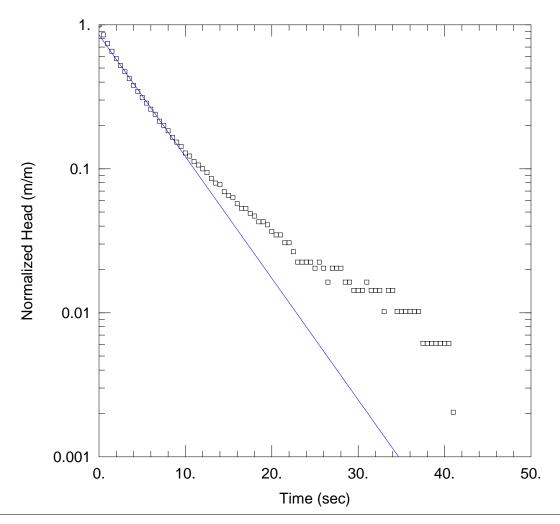
Total Well Penetration Depth: 3.951 m Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 4.08 m/dayy0 = 0.06693 m



Data Set: C:\...\MW5 Test 1a.aqt

Date: <u>04/11/12</u> Time: <u>16:40:10</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 4.301 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.49 m

Static Water Column Height: 4.301 m

Total Well Penetration Depth: 4.301 m

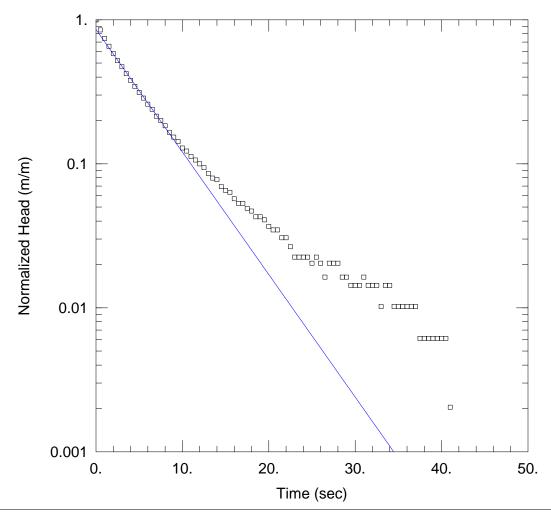
Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 5.288 m/day y0 = 0.4163 m



Data Set: C:\...\MW5 Test 1a.aqt

Date: 04/11/12 Time: 16:44:02

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 9.301 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.49 m

Static Water Column Height: 4.301 m

Total Well Penetration Depth: 4.301 m

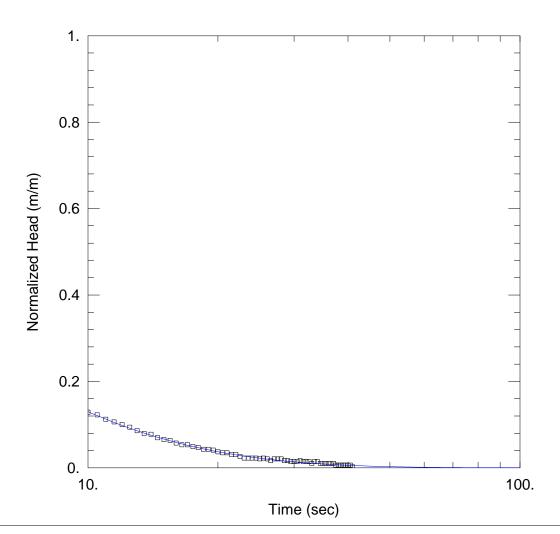
Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 4.48 m/day y0 = 0.4194 m



Data Set: C:\...\MW5 Test 1a.aqt

Date: 04/11/12 Time: 16:46:32

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 4.301 m

WELL DATA (MW5)

Initial Displacement: 0.49 m

Static Water Column Height: 4.301 m

Total Well Penetration Depth: 4.301 m

Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

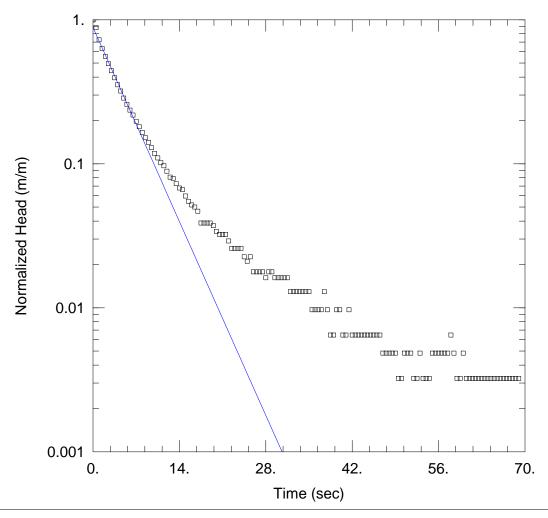
SOLUTION

Aquifer Model: Unconfined

Solution Method: KGS Model

 $= 0.0002089 \text{ m}^{-1}$ Ss = 6.732 m/day

Kz/Kr = 1.



Data Set: C:\...\MW5 Test 2a.aqt

Date: <u>04/11/12</u> Time: <u>16:51:08</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 4.301 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.619 m

Total Well Penetration Depth: 4.301 m

Static Water Column Height: 4.301 m

Casing Radius: 0.026 m

Screen Length: 3. m Well Radius: 0.1 m

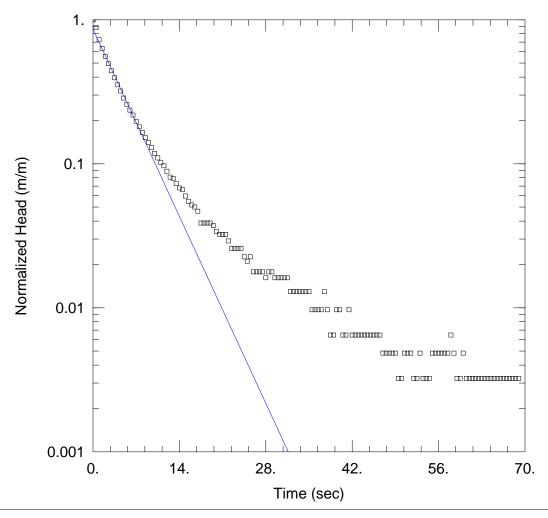
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 6.018 m/day

y0 = 0.5481 m



Data Set: C:\...\MW5 Test 2a.aqt

Date: <u>04/11/12</u> Time: <u>16:53:06</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 9.301 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.619 m

Static Water Column Height: 4.301 m

Total Well Penetration Depth: 4.301 m

Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

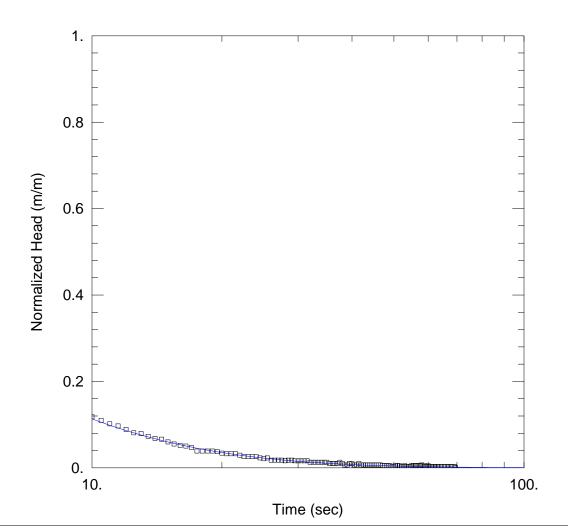
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 4.881 m/day

y0 = 0.5331 m



Data Set: C:\...\MW5 Test 2a.aqt

Date: 04/11/12 Time: 16:55:14

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 4.301 m

WELL DATA (MW5)

Initial Displacement: 0.619 m

Static Water Column Height: 4.301 m

Total Well Penetration Depth: 4.301 m

Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

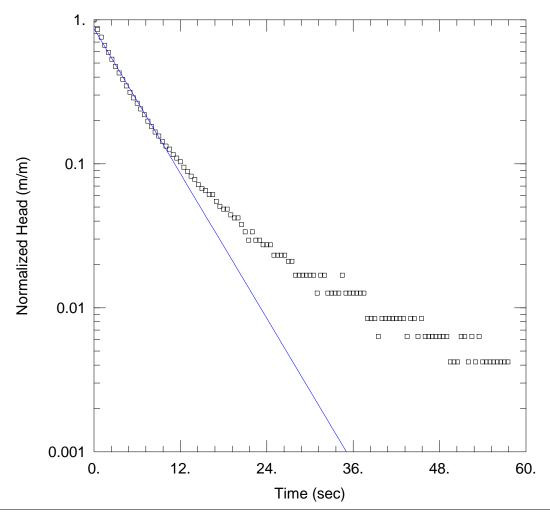
SOLUTION

Aquifer Model: Unconfined

Solution Method: KGS Model

 $= 0.0003364 \text{ m}^{-1}$ = 7.207 m/daySs

Kz/Kr = 1.



Data Set: C:\...\MW5 Test 3a.aqt

Date: <u>04/11/12</u> Time: <u>16:59:13</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 4.301 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.475 m

Static Water Column Height: 4.301 m

Total Well Penetration Depth: 4.301 m

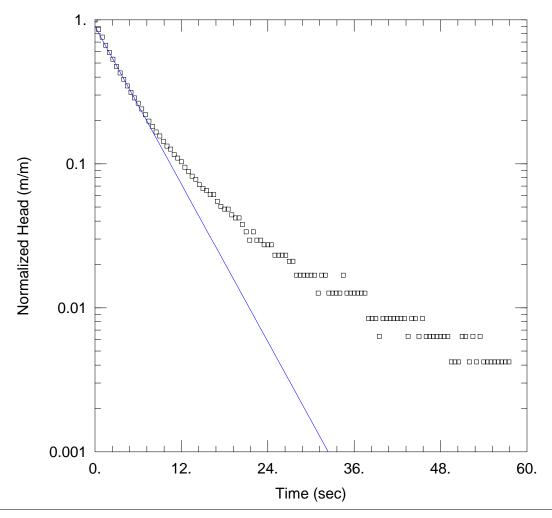
Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 5.248 m/day y0 = 0.4127 m



Data Set: C:\...\MW5 Test 3a.aqt

Date: <u>04/11/12</u> Time: <u>17:01:03</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 9.301 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.475 m

Static Water Column Height: 4.301 m

Total Well Penetration Depth: 4.301 m

Screen Length: 3. m Well Radius: 0.1 m

Casing Radius: 0.026 m

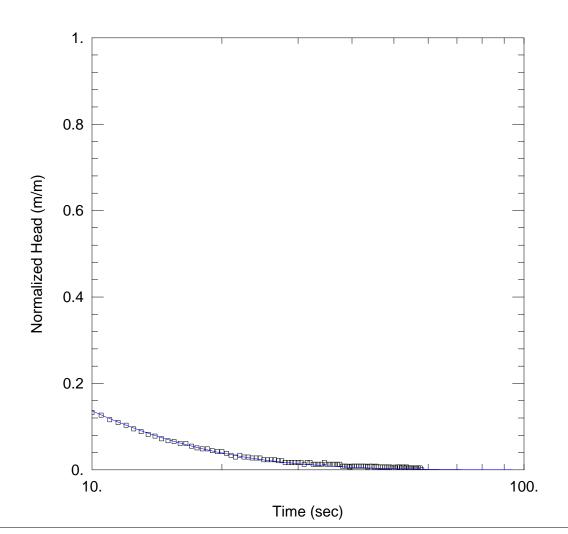
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 4.801 m/day

y0 = 0.4269 m



Data Set: C:\...\MW5 Test 3a.aqt

Date: <u>04/11/12</u> Time: <u>17:05:57</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 20 Sept 2011

AQUIFER DATA

Saturated Thickness: 4.301 m

WELL DATA (MW5)

Initial Displacement: <u>0.475</u> m Static Water Column Height: <u>4.301</u> m

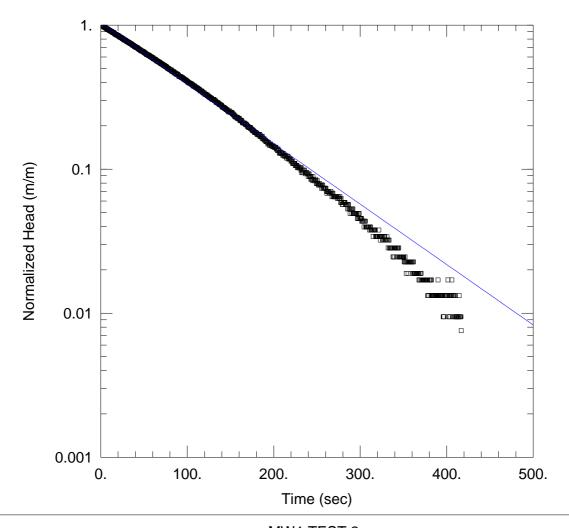
Total Well Penetration Depth: 4.301 m Screen Length: 3. m Casing Radius: 0.026 m Well Radius: 0.1 m

SOLUTION

Aquifer Model: Unconfined Solution Method: KGS Model

 $Ss = 0.0001905 \text{ m}^{-1}$

Kz/Kr = 1.



Data Set: C:\...\MW1 Test 2.aqt

Date: 04/12/12 Time: 07:33:21

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 5.339 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW1)

Initial Displacement: 0.529 m

Total Well Penetration Depth: 5.339 m

Casing Radius: 0.026 m

Static Water Column Height: 5.339 m

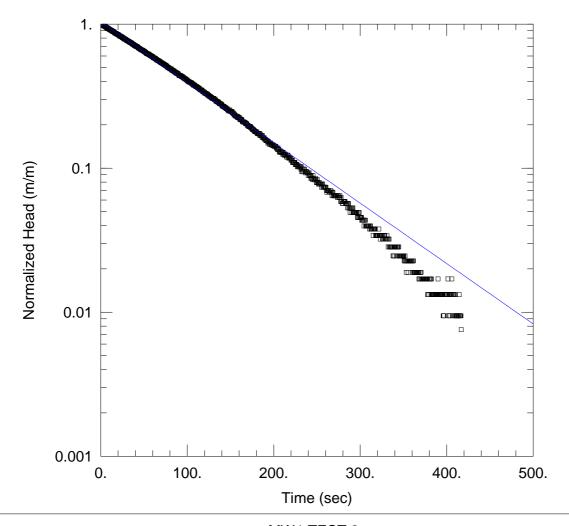
Solution Method: Bouwer-Rice

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

Aquifer Model: Unconfined

K = 0.2746 m/dayy0 = 0.5466 m



Data Set: C:\...\MW1 Test 2.aqt

Date: 04/12/12 Time: 07:34:47

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 10.34 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW1)

Initial Displacement: 0.529 m

Total Well Penetration Depth: 5.339 m

Casing Radius: 0.026 m

Static Water Column Height: 5.339 m

Screen Length: 3. m Well Radius: 0.1 m

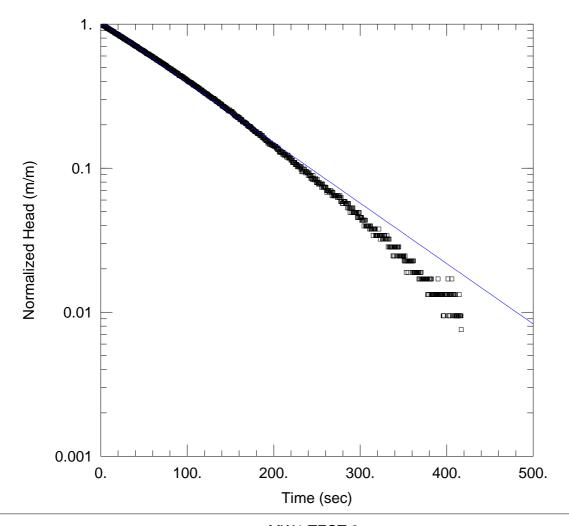
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.2293 m/day

y0 = 0.5466 m



Data Set: C:\...\MW1 Test 2.aqt

Date: 04/12/12 Time: 07:37:54

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 5.339 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW1)

Initial Displacement: 0.529 m

Total Well Penetration Depth: 5.339 m

Casing Radius: 0.026 m

Static Water Column Height: 5.339 m

Screen Length: 3. m Well Radius: 0.1 m

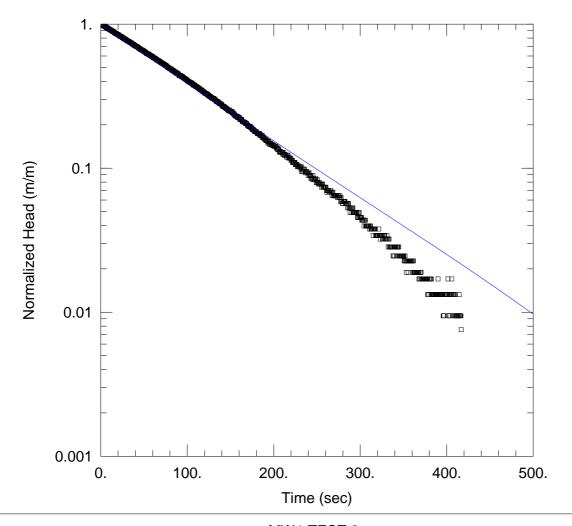
SOLUTION

Aquifer Model: Unconfined

Solution Method: <u>Hvorslev</u>

K = 0.3847 m/day

y0 = 0.5466 m



Data Set: C:\...\MW1 Test 2.aqt

Date: 04/12/12 Time: 07:36:22

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 5.339 m

WELL DATA (MW1)

Initial Displacement: 0.529 m

Total Well Penetration Depth: 5.339 m

Casing Radius: 0.026 m

Static Water Column Height: 5.339 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

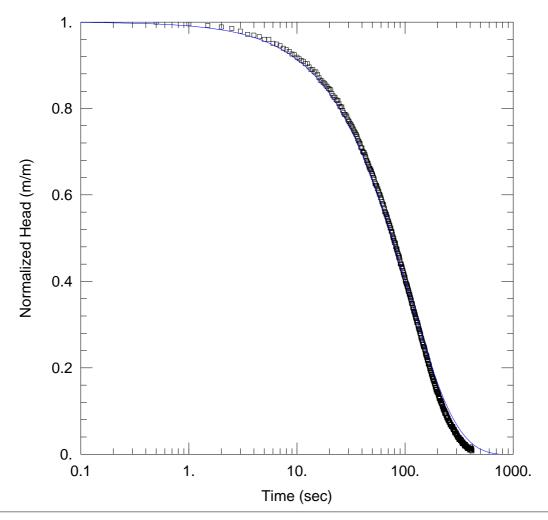
Aquifer Model: Unconfined

Kr = 0.3101 m/day

Kz/Kr = 1.

Solution Method: KGS Model

Ss = $1.873E-11 \text{ m}^{-1}$



Data Set: C:\...\MW1 Test 2.aqt

Date: 04/12/12 Time: 07:36:59

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW1

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 5.339 m

WELL DATA (MW1)

Initial Displacement: 0.529 m

Total Well Penetration Depth: 5.339 m

Casing Radius: 0.026 m

Static Water Column Height: 5.339 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

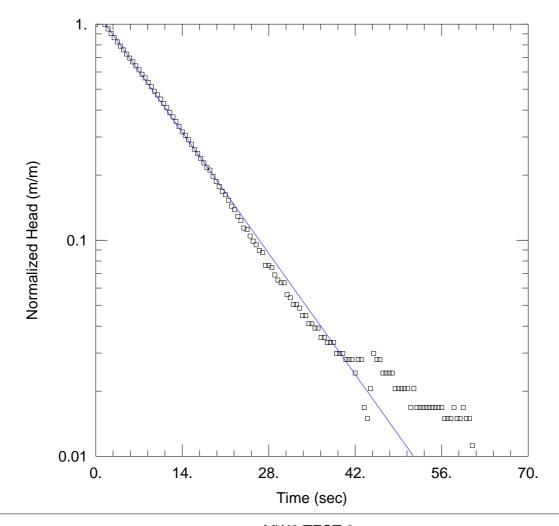
Aquifer Model: Unconfined

Kr = 0.2997 m/day

 $Kz/Kr = \overline{1}$.

Solution Method: KGS Model

Ss = $1.873E-11 \text{ m}^{-1}$



Data Set: C:\...\MW2 Test 2.aqt

Date: 04/12/12 Time: 07:55:40

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 5.019 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.536 m

Total Well Penetration Depth: 5.019 m

Casing Radius: 0.026 m

Static Water Column Height: 5.019 m

Screen Length: 3. m Well Radius: 0.1 m

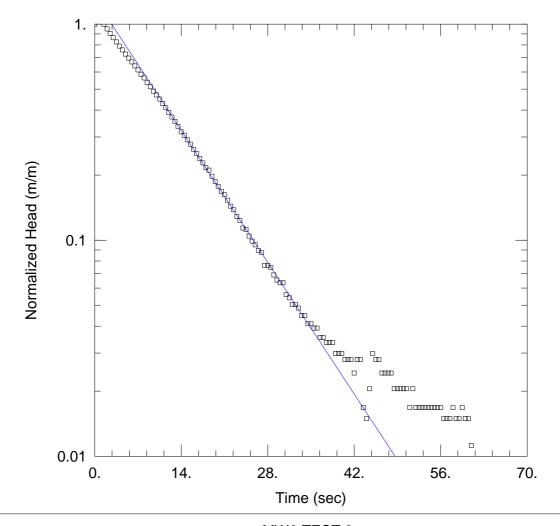
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.593 m/day

y0 = 0.6184 m



Data Set: C:\...\MW2 Test 2.aqt

Date: 04/12/12 Time: 07:56:31

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 5.019 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.536 m

Total Well Penetration Depth: 5.019 m

Casing Radius: 0.026 m

Static Water Column Height: 5.019 m

Screen Length: 3. m Well Radius: 0.1 m

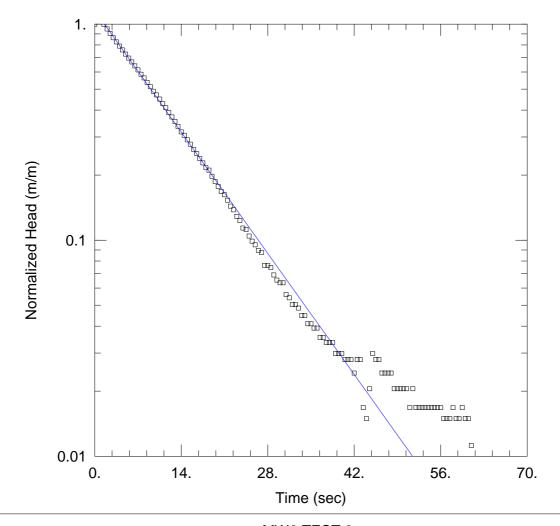
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.819 m/day

y0 = 0.704 m



Data Set: C:\...\MW2 Test 2.aqt

Date: 04/12/12 Time: 07:57:07

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 10.02 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.536 m

Total Well Penetration Depth: 5.019 m

Casing Radius: 0.026 m

Static Water Column Height: 5.019 m

Screen Length: 3. m Well Radius: 0.1 m

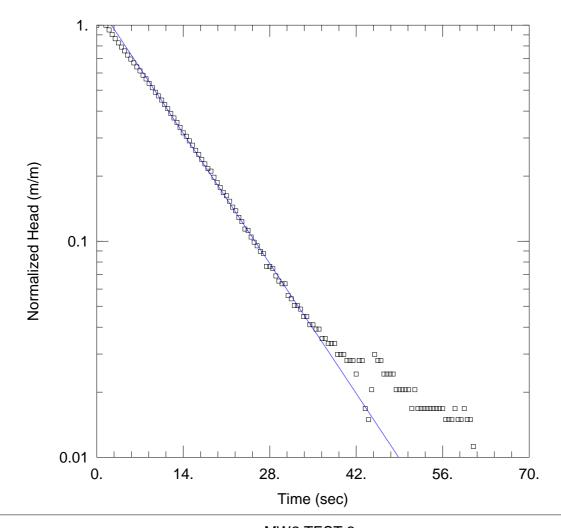
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.169 m/day

y0 = 0.6184 m



Data Set: C:\...\MW2 Test 2.aqt

Date: 04/12/12 Time: 07:57:48

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 10.02 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.536 m

Total Well Penetration Depth: 5.019 m

Casing Radius: 0.026 m

Static Water Column Height: 5.019 m

Screen Length: 3. m Well Radius: 0.1 m

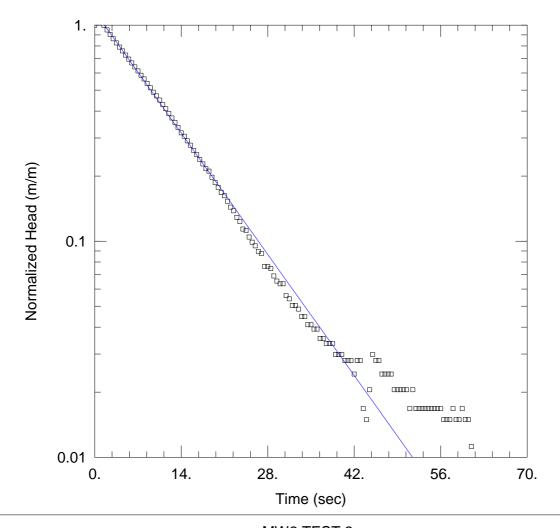
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.328 m/day

y0 = 0.6776 m



Data Set: C:\...\MW2 Test 2.aqt

Date: 04/12/12 Time: 08:00:46

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 5.019 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.536 m

Total Well Penetration Depth: 5.019 m

Casing Radius: 0.026 m

Static Water Column Height: 5.019 m

Screen Length: 3. m Well Radius: 0.1 m

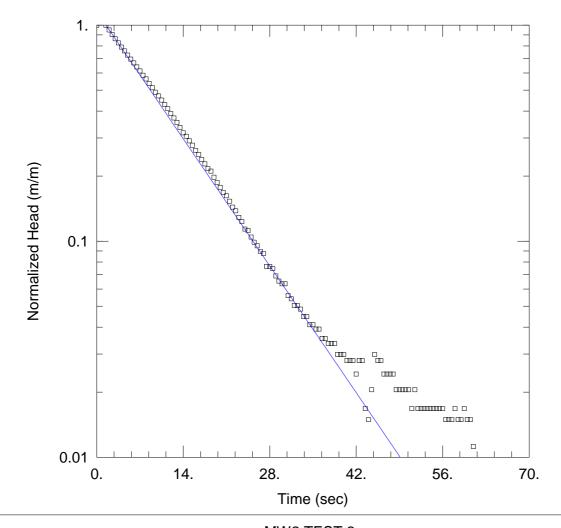
SOLUTION

Aquifer Model: Unconfined

Solution Method: Hvorslev

K = 3.68 m/day

y0 = 0.6184 m



Data Set: C:\...\MW2 Test 2.aqt

Date: 04/12/12 Time: 08:02:21

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 5.019 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.536 m

Total Well Penetration Depth: 5.019 m

Casing Radius: 0.026 m

Static Water Column Height: 5.019 m

Screen Length: 3. m Well Radius: 0.1 m

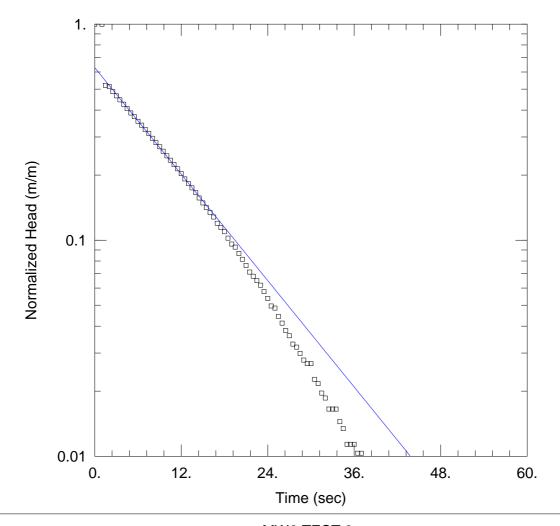
SOLUTION

Aquifer Model: Unconfined

Solution Method: <u>Hvorslev</u>

K = 3.853 m/day

y0 = 0.6184 m



Data Set: C:\...\MW2 Test 3.aqt

Date: 04/12/12 Time: 08:06:33

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 5.019 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.969 m

Total Well Penetration Depth: 5.019 m

Casing Radius: 0.026 m

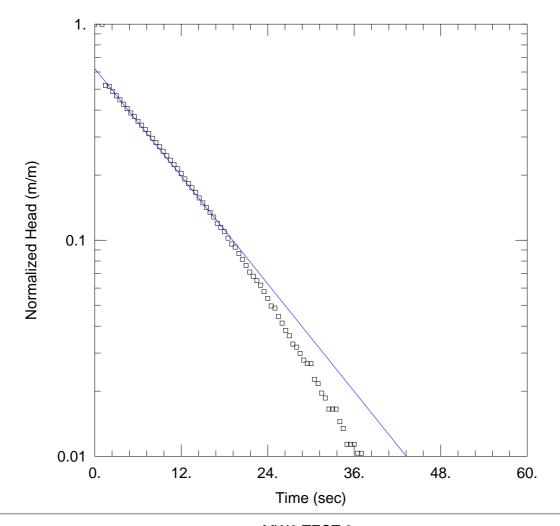
Static Water Column Height: 5.019 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 2.655 m/day y0 = 0.6086 m



Data Set: C:\...\MW2 Test 3.aqt

Date: 04/12/12 Time: 08:07:52

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW2

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 10.02 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW2)

Initial Displacement: 0.969 m

Total Well Penetration Depth: 5.019 m

Casing Radius: 0.026 m

Static Water Column Height: 5.019 m

Screen Length: 3. m Well Radius: 0.1 m

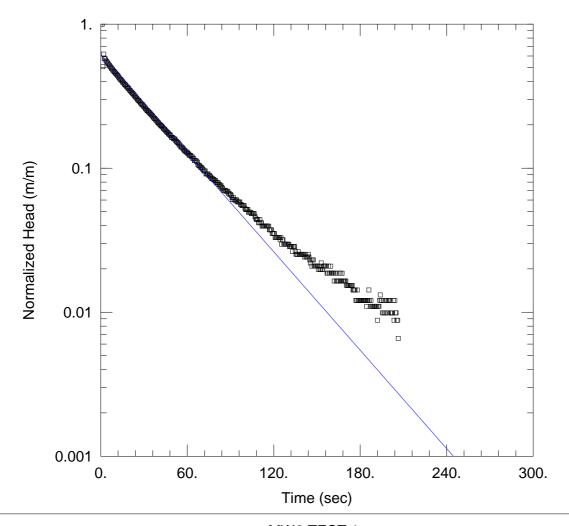
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.247 m/day

y0 = 0.6031 m



Data Set: C:\...\MW3 Test 1.aqt

Date: 04/12/12 Time: 08:21:57

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 6.246 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.911 m

Total Well Penetration Depth: 6.246 m

Casing Radius: 0.026 m

Static Water Column Height: 6.246 m

Screen Length: 3. m Well Radius: 0.1 m

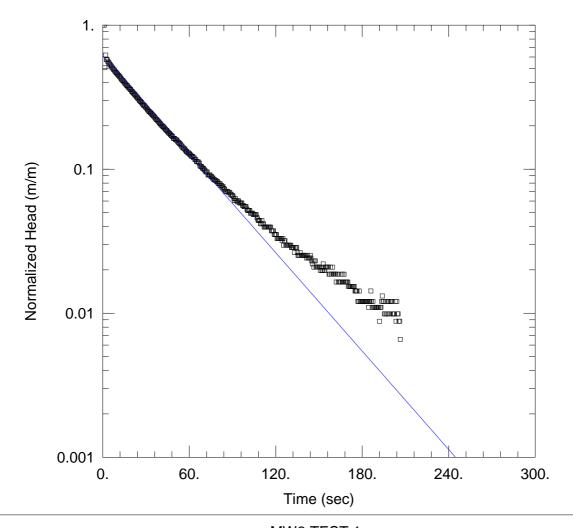
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 0.7697 m/day

y0 = 0.5564 m



Data Set: C:\...\MW3 Test 1.aqt

Date: 04/12/12 Time: 08:23:32

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 12.25 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.911 m

Total Well Penetration Depth: 6.246 m

Casing Radius: 0.026 m

Static Water Column Height: 6.246 m

Screen Length: 3. m Well Radius: 0.1 m

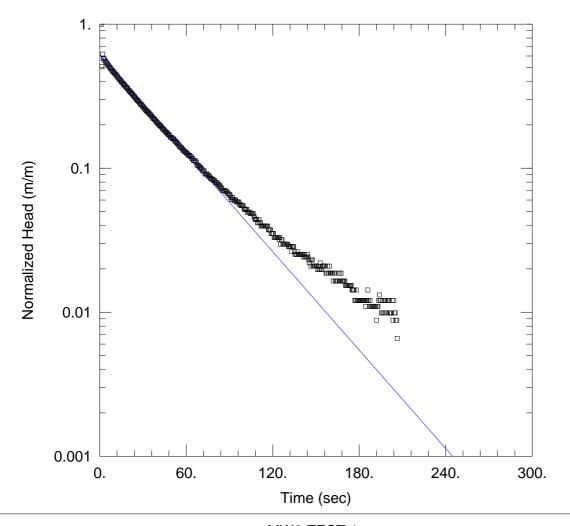
SOLUTION

Aquifer Model: Unconfined

K = 0.6351 m/day

Solution Method: Bouwer-Rice

y0 = 0.5563 m



Data Set: C:\...\MW3 Test 1.aqt

Date: 04/12/12 Time: 08:26:40

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 6.246 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.911 m

Total Well Penetration Depth: 6.246 m

Casing Radius: 0.026 m

Static Water Column Height: 6.246 m

Screen Length: 3. m Well Radius: 0.1 m

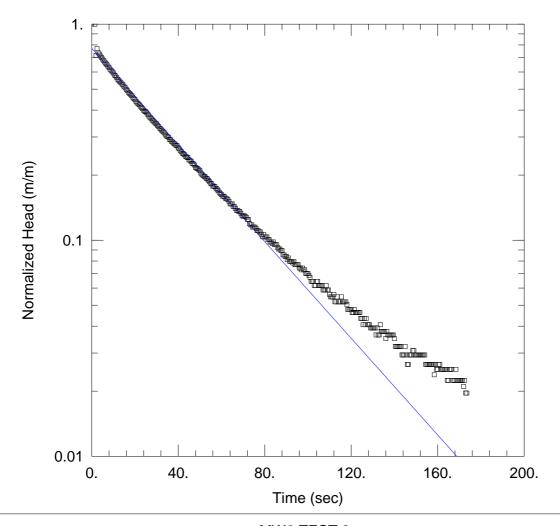
SOLUTION

Aquifer Model: Unconfined

K = 1.045 m/day

Solution Method: Hvorslev

y0 = 0.5563 m



Data Set: C:\...\MW3 Test 2.aqt

Date: 04/12/12 Time: 08:31:35

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 6.246 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.714 m

Total Well Penetration Depth: 6.246 m

Casing Radius: 0.026 m

Static Water Column Height: 6.246 m

Screen Length: 3. m Well Radius: 0.1 m

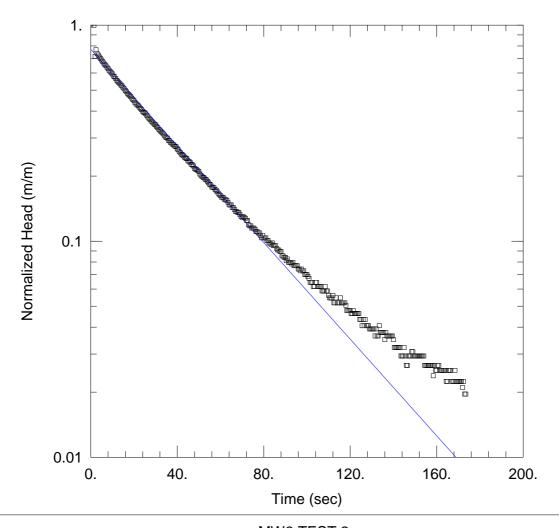
SOLUTION

Aquifer Model: Unconfined

K = 0.7558 m/day

Solution Method: Bouwer-Rice

y0 = 0.5514 m



Data Set: C:\...\MW3 Test 2.aqt

Date: 04/12/12 Time: 08:36:28

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 12.25 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.714 m

Total Well Penetration Depth: 6.246 m

Casing Radius: 0.026 m

Static Water Column Height: 6.246 m

Screen Length: 3. m Well Radius: 0.1 m

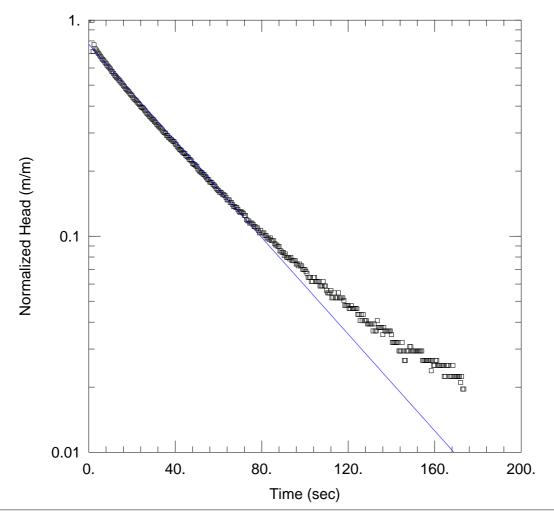
SOLUTION

Aquifer Model: Unconfined

K = 0.6237 m/day

Solution Method: Bouwer-Rice

y0 = 0.5512 m



Data Set: C:\...\MW3 Test 2.aqt

Date: 04/12/12 Time: 08:41:09

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 6.246 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.714 m

Total Well Penetration Depth: 6.246 m

Casing Radius: 0.026 m

Static Water Column Height: 6.246 m

Screen Length: 3. m Well Radius: 0.1 m

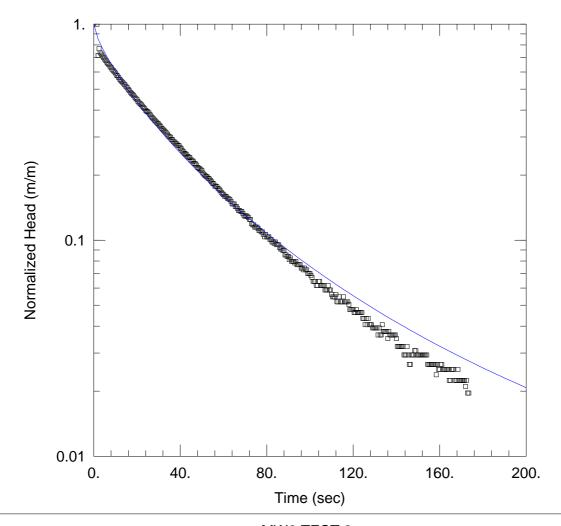
Solution Method: Hvorslev

SOLUTION

Aquifer Model: Unconfined

K = 1.026 m/day

y0 = 0.5513 m



Data Set: C:\...\MW3 Test 2.aqt

Date: <u>04/12/12</u> Time: <u>08:38:07</u>

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 12.25 m

WELL DATA (MW3)

Initial Displacement: 0.714 m

Total Well Penetration Depth: 6.246 m

Casing Radius: 0.026 m

Static Water Column Height: 6.246 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

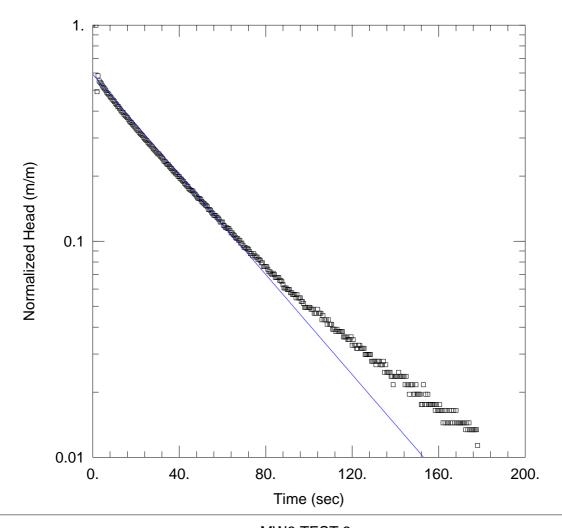
Aquifer Model: Unconfined

Kr = 0.8152 m/day

 $Kz/Kr = \overline{1}$.

Solution Method: KGS Model

 $Ss = 0.0004411 \text{ m}^{-1}$



Data Set: C:\...\MW3 Test 3.aqt

Date: 04/12/12 Time: 08:43:18

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 6.246 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.971 m

Total Well Penetration Depth: 6.246 m

Casing Radius: 0.026 m

Static Water Column Height: 6.246 m

Screen Length: 3. m Well Radius: 0.1 m

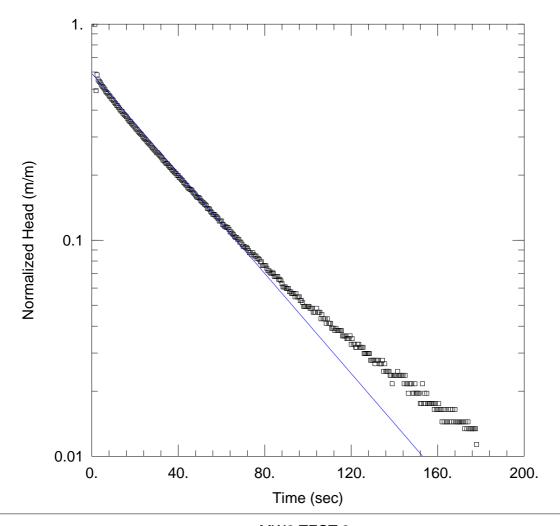
SOLUTION

Aquifer Model: Unconfined

K = 0.7826 m/day

Solution Method: Bouwer-Rice

y0 = 0.5743 m



Data Set: C:\...\MW3 Test 3.aqt

Date: 04/12/12 Time: 08:44:33

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 12.25 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.971 m

Total Well Penetration Depth: 6.246 m

Casing Radius: 0.026 m

Static Water Column Height: 6.246 m

Screen Length: 3. m Well Radius: 0.1 m

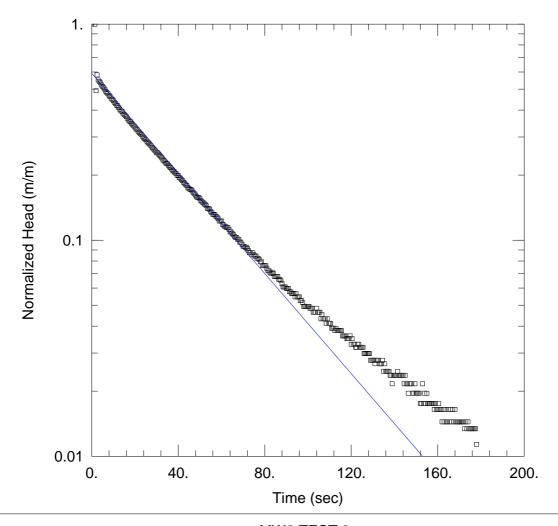
SOLUTION

Aquifer Model: Unconfined

K = 0.6459 m/day

Solution Method: Bouwer-Rice

y0 = 0.5741 m



Data Set: C:\...\MW3 Test 3.aqt

Date: <u>04/12/12</u> Time: <u>08:47:22</u>

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW3

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 6.246 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW3)

Initial Displacement: 0.971 m

Total Well Penetration Depth: 6.246 m

Casing Radius: 0.026 m

Static Water Column Height: 6.246 m

Screen Length: 3. m Well Radius: 0.1 m

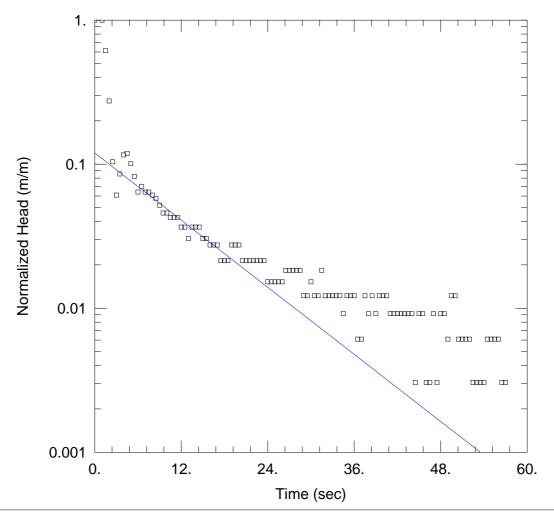
SOLUTION

Aquifer Model: Unconfined

K = 1.063 m/day

Solution Method: Hvorslev

y0 = 0.5743 m



Data Set: C:\...\MW4 Test 1.aqt

Date: 04/12/12 Time: 08:58:23

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 3.65 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.328 m

Total Well Penetration Depth: 3.65 m

Casing Radius: 0.026 m

Static Water Column Height: 3.65 m

Solution Method: Bouwer-Rice

Screen Length: 3. m Well Radius: 0.1 m

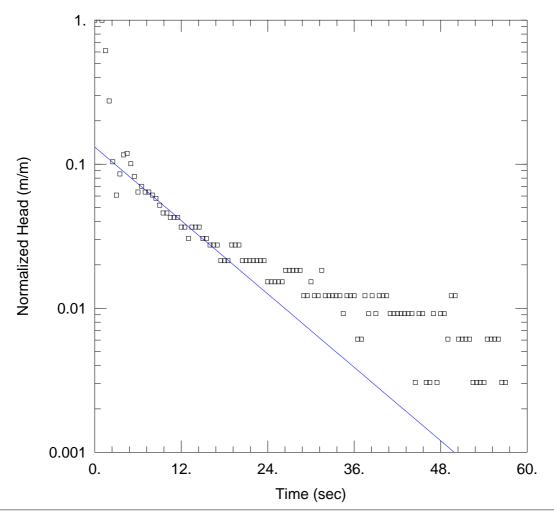
SOLUTION

Aquifer Model: Unconfined

.... 0.0000

K = 2.344 m/day

y0 = 0.0392 m



Data Set: C:\...\MW4 Test 1.aqt

Date: 04/12/12 Time: 09:00:16

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 8.65 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.328 m

Total Well Penetration Depth: 3.65 m

Casing Radius: 0.026 m

Static Water Column Height: 3.65 m

Screen Length: 3. m Well Radius: 0.1 m

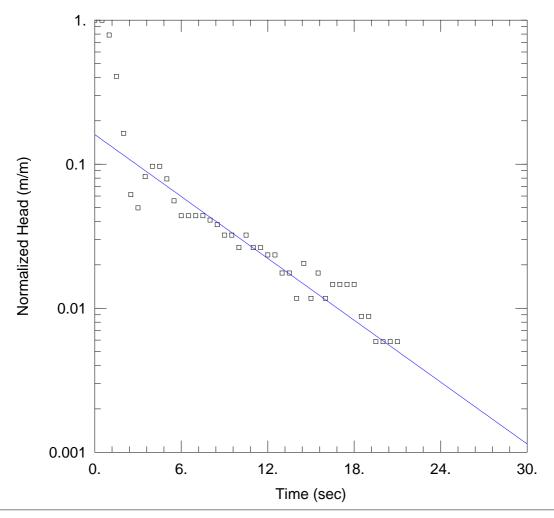
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.168 m/day

y0 = 0.04305 m



Data Set: C:\...\MW4 Test 2.aqt

Date: 04/12/12 Time: 09:12:12

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 3.65 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.342 m

Total Well Penetration Depth: 3.65 m

Casing Radius: 0.026 m

Static Water Column Height: 3.65 m

Screen Length: 3. m Well Radius: 0.1 m

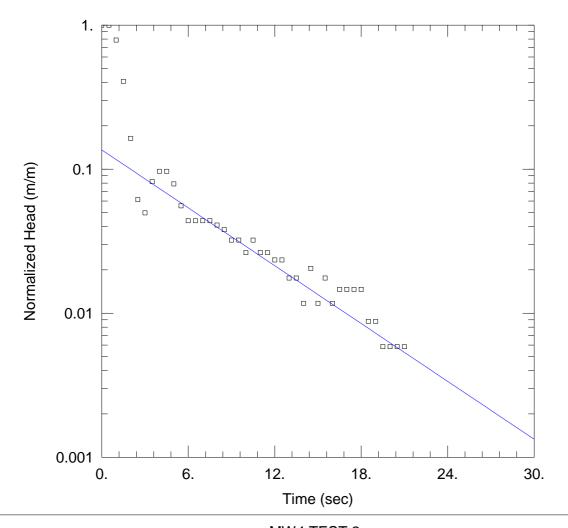
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 4.322 m/day

y0 = 0.05485 m



Data Set: C:\...\MW4 Test 2.aqt

Date: 04/12/12 Time: 09:14:27

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 8.65 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.342 m

Total Well Penetration Depth: 3.65 m

Casing Radius: 0.026 m

Static Water Column Height: 3.65 m

Screen Length: 3. m Well Radius: 0.1 m

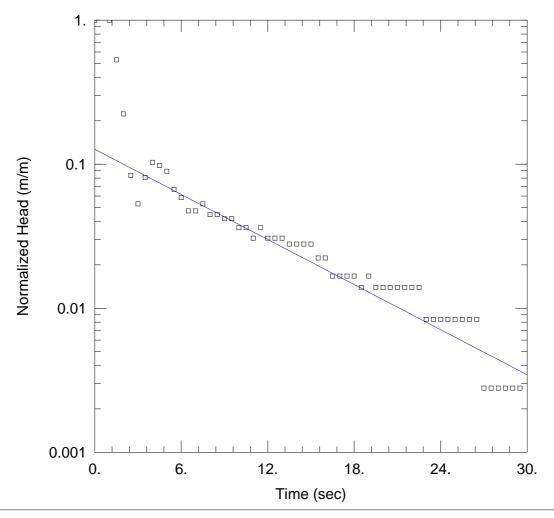
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 3.417 m/day

y0 = 0.04645 m



Data Set: C:\...\MW4 Test 3.aqt

Date: 04/12/12 Time: 09:20:01

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 3.65 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.359 m

Total Well Penetration Depth: 3.65 m

Casing Radius: 0.026 m

Static Water Column Height: 3.65 m

Screen Length: 3. m Well Radius: 0.1 m

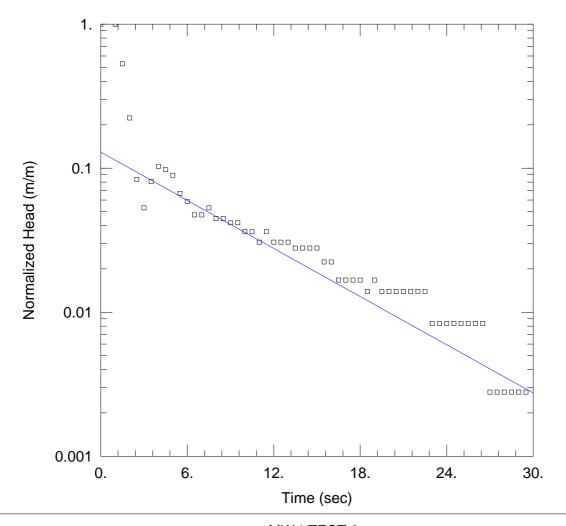
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 3.149 m/day

y0 = 0.0455 m



Data Set: C:\...\MW4 Test 3.aqt

Date: 04/12/12 Time: 09:21:12

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW4

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 8.65 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW4)

Initial Displacement: 0.359 m

Total Well Penetration Depth: 3.65 m

Casing Radius: 0.026 m

Static Water Column Height: 3.65 m

Screen Length: 3. m Well Radius: 0.1 m

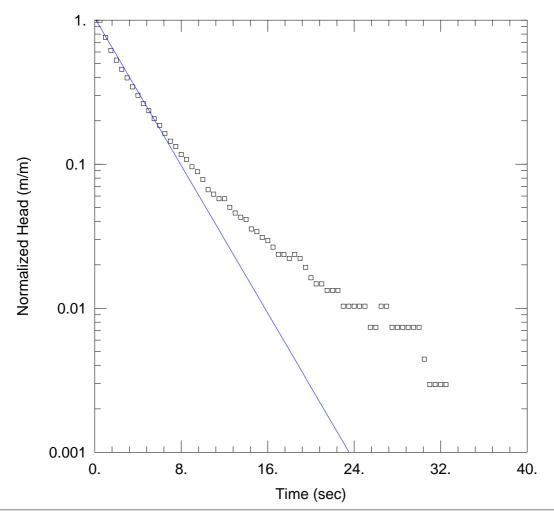
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 2.844 m/day

y0 = 0.04634 m



Data Set: C:\...\MW5 Test 1.aqt

Date: 04/12/12 Time: 09:32:00

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 4.473 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.678 m

Total Well Penetration Depth: 4.473 m

Casing Radius: 0.026 m

Static Water Column Height: 4.473 m

Screen Length: 3. m Well Radius: 0.1 m

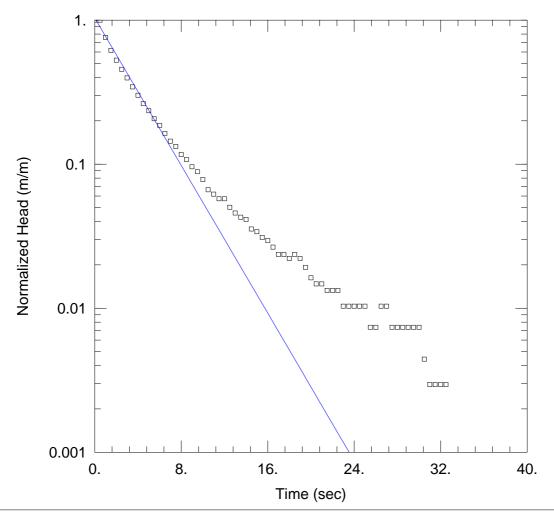
SOLUTION

Aquifer Model: Unconfined

K = 8.085 m/day

Solution Method: Bouwer-Rice

y0 = 0.7012 m



Data Set: C:\...\MW5 Test 1.aqt

Date: 04/12/12 Time: 09:33:11

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 9.473 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.678 m

Total Well Penetration Depth: 4.473 m

Casing Radius: 0.026 m

Static Water Column Height: 4.473 m

Screen Length: 3. m Well Radius: 0.1 m

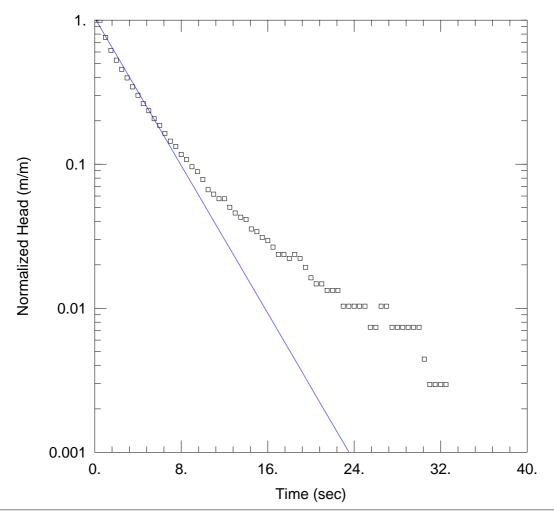
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 6.79 m/day

y0 = 0.7012 m



Data Set: C:\...\MW5 Test 1.aqt

Date: 04/12/12 Time: 11:38:43

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 4.473 m Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW5)

Initial Displacement: 0.678 m

Total Well Penetration Depth: 4.473 m

Casing Radius: 0.026 m

Static Water Column Height: 4.473 m

Screen Length: 3. m Well Radius: 0.1 m

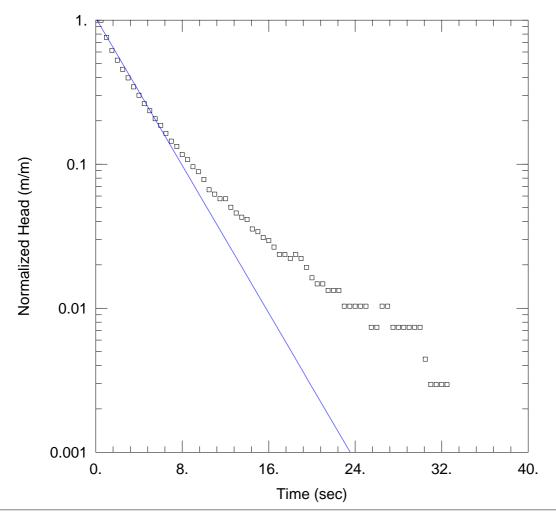
SOLUTION

Aquifer Model: Unconfined

K = 10.79 m/day

Solution Method: Bouwer-Rice

y0 = 0.7014 m



Data Set: C:\...\MW5 Test 1.aqt

Date: 04/12/12 Time: 09:37:06

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 4.473 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.678 m

Total Well Penetration Depth: 4.473 m

Casing Radius: 0.026 m

Static Water Column Height: 4.473 m

Screen Length: 3. m Well Radius: 0.1 m

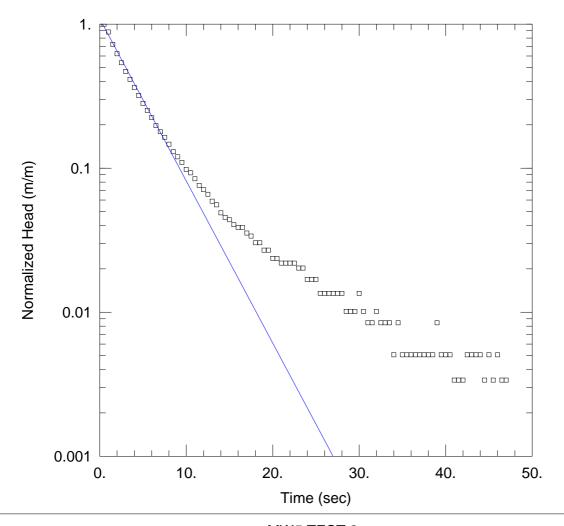
Solution Method: Hvorslev

SOLUTION

Aquifer Model: Unconfined

K = 11.75 m/day

y0 = 0.701 m



Data Set: C:\...\MW5 Test 2.aqt

Date: 04/12/12 Time: 10:05:55

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 4.471 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.593 m

Total Well Penetration Depth: 4.471 m

Static Water Column Height: 4.471 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

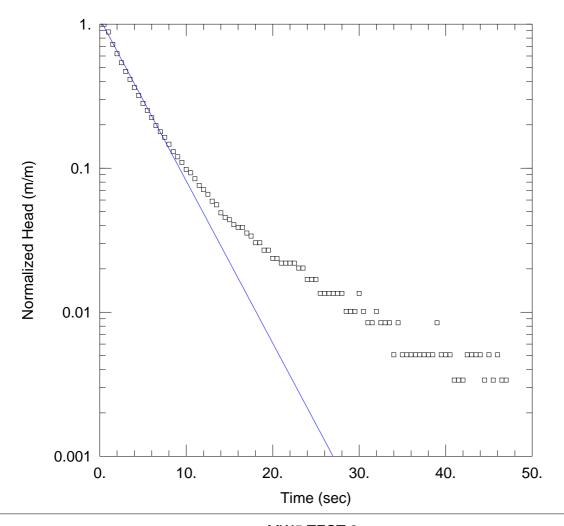
Aquifer Model: Unconfined

Casing Radius: 0.026 m

K = 7.106 m/day

Solution Method: Bouwer-Rice

y0 = 0.6454 m



Data Set: C:\...\MW5 Test 2.aqt

Date: 04/12/12 Time: 10:07:25

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 9.471 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.593 m

<u>0.593</u> III

Static Water Column Height: 4.471 m

Total Well Penetration Depth: 4.471 m Casing Radius: 0.026 m

Screen Length: 3. m Well Radius: 0.1 m

Sasing Radius. <u>0.020</u> III

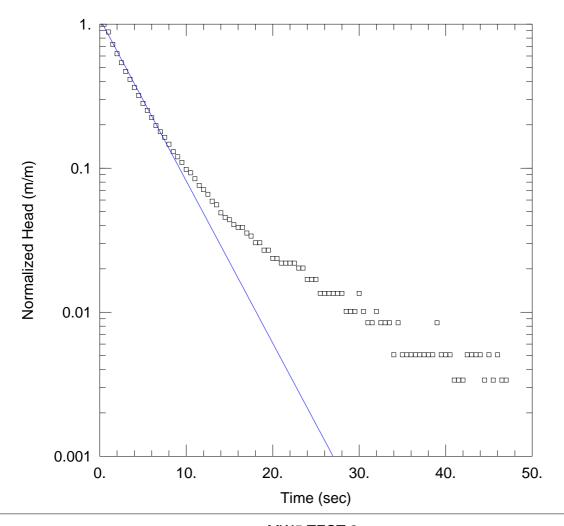
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 5.969 m/day

y0 = 0.6454 m



Data Set: C:\...\MW5 Test 2.aqt

Date: 04/12/12 Time: 11:40:18

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 4.471 m Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW5)

Initial Displacement: 0.593 m

Total Well Penetration Depth: 4.471 m

Casing Radius: 0.026 m

Static Water Column Height: 4.471 m

Screen Length: 3. m Well Radius: 0.1 m

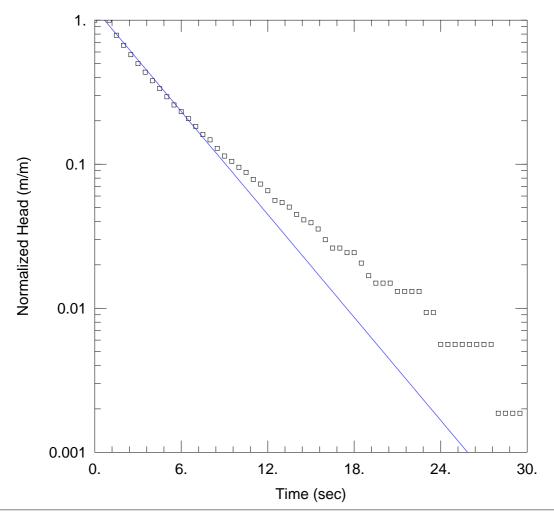
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 9.484 m/day

y0 = 0.6454 m



Data Set: C:\...\MW5 Test 3.aqt

Date: 04/12/12 Time: 10:12:33

PROJECT INFORMATION

Company: ERM Australia Client: Burrup Nitrates Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 4.464 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.536 m

Total Well Penetration Depth: 4.464 m

Casing Radius: 0.026 m

Static Water Column Height: 4.464 m

Screen Length: 3. m Well Radius: 0.1 m

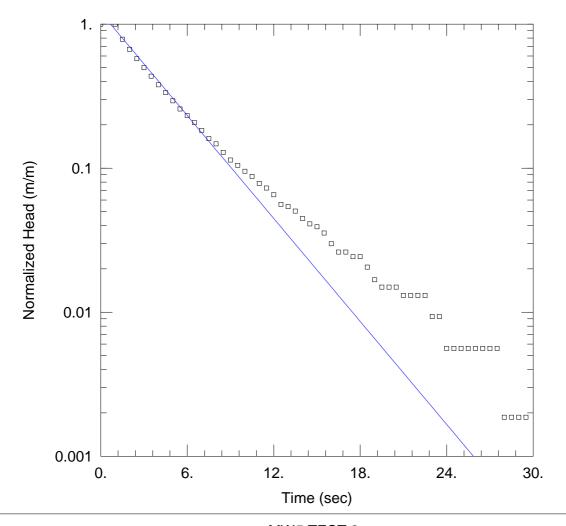
SOLUTION

Aquifer Model: Unconfined

K = 7.518 m/day

Solution Method: Bouwer-Rice

y0 = 0.6452 m



Data Set: C:\...\MW5 Test 3.aqt

Date: 04/12/12 Time: 10:13:43

PROJECT INFORMATION

Company: ERM Australia
Client: Burrup Nitrates
Project: 0086269

Location: Burrup Peninsula

Test Well: MW5

Test Date: 27 February 2012

AQUIFER DATA

Saturated Thickness: 9.464 m Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW5)

Initial Displacement: 0.536 m

Total Well Penetration Depth: 4.464 m

Casing Radius: 0.026 m

Static Water Column Height: 4.464 m

Screen Length: 3. m Well Radius: 0.1 m

SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 6.317 m/day

y0 = 0.6453 m

MW No	Date	Test No	K (m/day)	Solution	Saturated thickness (m)	Anisotropy Ratio
MW1	Sep-11	1	0.19	BR	5.35	1
MW1	Sep-11	1	0.26	Н	5.35	1
MW1	Sep-11	2	0.19	BR	5.35	1
MW1	Sep-11	2	0.15	BR	10.35	1
MW1	Sep-11	3	0.19	BR	10.35	1
MW1	Sep-11	3	0.21	BR	5.35	1
		Median	0.2			
		Min	0.2			
		Max	0.3			

					Saturated	Anisotropy
MW No	Date	Test No	K (m/day)	Solution	thickness (m)	Ratio
MW2	Sep-11	1	2.24	BR	5.11	1
MW2	Sep-11	1	1.88	BR	10.11	1
MW2	Sep-11	1	3.17	Н	5.11	1
MW2	Sep-11	2	2.36	BR	5.11	1
MW2	Sep-11	2	1.97	BR	10.11	1
MW2	Sep-11	2	2.99	BR	5.11	0.1
MW2	Sep-11	2	2.61	KGS	5.11	
MW2	Sep-11	2	2.61	KGS	5.11	
MW2	Sep-11	2	2.29	KGS	10.11	
MW2	Sep-11	2	2.16	Dagan	5.11	1
MW2	Sep-11	2	2.1	Dagan	10.11	1
MW2	Sep-11	3	2.7	BR	5.11	1
MW2	Sep-11	3	1.9	BR	10.11	1
MW2	Sep-11	3	3.21	Н	5.11	1
MW2	Sep-11	3	2.67	Н	10.11	1
		Median	2.4			
		Min	1.9			
		Max	3.2			

MW No	Date	Test No	K (m/day)	Solution	Saturated thickness (m)	Anisotropy Ratio
MW3	Feb-12	1	0.77	BR	6.25	1
KWM3	Feb-12	1	0.64	BR	12.25	1
MW3	Feb-12	1	1.05	Н	6.25	1
KWM3	Feb-12	2	0.76	BR	6.25	1
MW3	Feb-12	2	0.62	BR	12.25	1
KWM3	Feb-12	2	0.82	KGS	12.25	
MW3	Feb-12	2	1.03	Н	6.25	1
KWM3	Feb-12	3	0.78	BR	6.25	1
MW3	Feb-12	3	0.65	BR	12.25	1
MW3	Feb-12	3	1.06	Н	6.25	1
MW3	Sep-11	1	0.68	BR	6.2	1
MW3	Sep-11	1	0.57	BR	11.2	1
KWM3	Sep-11	1	0.85	KGS	6.2	
MW3	Sep-11	1	0.85	KGS	6.2	
MW3	Sep-11	1	0.93	Н	6.2	1
MW3	Sep-11	2	0.71	BR	6.2	1
MW3	Sep-11	2	0.59	BR	11.2	1
KWM3	Sep-11	2	0.85	KGS	6.2	
MW3	Sep-11	2	0.73	KGS	11.2	
MW3	Sep-11	3	0.71	BR	6.2	1
MW3	Sep-11	3	0.59	BR	11.22	1
MW3	Sep-11	3	0.83	KGS	6.2	
		Median	0.8			
		Min	0.6			
		Max	1.1	ĺ		

MW No	Date	Test No	K (m/day)	Solution	Saturated thickness (m)	Anisotropy Ratio
MW4	Sep-11	1	2.6	BR	3.95	1
MW4	Sep-11	1	3.69	BR	8.95	1
MW4	Sep-11	1	2.3	BR	8.95	1
MW4	Sep-11	1	6	KGS	3.95	
MW4	Sep-11	2	1.63	BR	8.95	1
MW4	Sep-11	2	7.06	KGS	3.95	
MW4	Sep-11	3	4.08	BR	3.95	1
MW4	Feb-12	1	2.34	BR	3.65	1
MW4	Feb-12	1	2.17	BR	8.65	1
MW4	Feb-12	2	4.3	BR	3.65	1
MW4	Feb-12	2	3.42	BR	8.65	1
MW4	Feb-12	3	3.15	BR	3.65	1
MW4	Feb-12	3	2.84	BR	8.65	1
		Median	3.2			
		Min	1.6			
		Max	7.1			

MW No	Date	Test No	K (m/day)	Solution	Saturated thickness (m)	Anisotropy Ratio
MW5	Feb-12	1	8.09	BR	4.5	1
MW5	Feb-12	1	6.8	BR	9.5	1
MW5	Feb-12	1	10.8	BR	4.5	0.1
MW5	Feb-12	1	11.75	H	4.5	1
MW5	Feb-12	2	7.11	BR	4.5	1
MW5	Feb-12	2	5.99	BR	9.5	1
MW5	Feb-12	2	9.5	BR	4.5	0.1
MW5	Feb-12	3	7.5	BR	4.5	1
MW5	Feb-12	3	6.3	BR	9.5	1
MW5	Sep-11	1	5.3	BR	4.3	1
MW5	Sep-11	1	4.5	BR	9.3	1
MW5	Sep-11	1	6.7	KGS	4.3	
MW5	Sep-11	2	6.02	BR	4.3	1
MW5	Sep-11	2	4.88	BR	9.3	1
MW5	Sep-11	2	7.21	KGS	4.3	
MW5	Sep-11	3	5.25	BR	4.3	1
MW5	Sep-11	3	4.8	BR	9.3	1
MW5	Sep-11	3	6.5	KGS	4.3	
		Median	6.6			
		Min	4.5			
		Max	11.8			

Annex I

QAQC Summary

1 QA/QC SUMMARY

Field duplicates, field triplicates, equipment rinsate and transport blanks were collected as field based quality control samples. Results are discussed below.

1.1 PRIMARY/DUPLICATE ANALYSIS

RPD% were calculated for primary/field-duplicate sample pairs where possible (i.e. where concentrations of an analyte were above the LOR in both the primary and quality control sample). In this project RPD% in the range of 0 - 30% were considered to represent adequate accuracy and precision, with only those RPD% falling outside this range scrutinised for further detailed assessment.

Three primary/duplicate sample pairs were collected over the course of this investigation representing a rate of one in five. Of the 63 RPD% able to be determined for the primary/duplicate or triplicate pairs only 2 were above 30%.

RPD% exceeding 30% were calculated from groundwater concentrations of Kjeldahl Nitrogen (40%) and Total Suspended Solids (44%) for the MW5/DUP01 primary/duplicate pair collected during the February 2012 groundwater monitoring event.

Given the low concentration of Nitrogen the actual difference in concentrations between the two samples is actually quite small. On this basis any apparent lack of accuracy or precision in the analytical data is not considered to negatively affect the interpretative value of the dataset for the purpose of this investigation.

1.2 TRIP BLANK AND RINSATE ANALYSIS

Rinsate samples using laboratory supplied water were collected during each of the groundwater investigations to provide confidence in the decontamination procedures used to prevent cross contamination between monitoring wells. Samples were analysed for a metals suite consistent with that used in the analysis of primary samples.

Trip blanks were included in the eskies used to transport samples to the laboratory to provide assurance in the sample handling procedure and to identify any potential cross contamination between samples during transportation. Trip blanks comprised of laboratory prepared bottles containing a blank water sample.

Analytes detected at concentrations greater than the laboratory limits of reporting in QA/QC samples are described below:

1) Zinc (0.009 mg/L) and aluminium (0.002 mg/L) were identified in the rinsate sample collected during the April 2011 GME;

- 2) Zinc (0.012 mg/L) was identified in the trip blank sample analysed during the April 2011 GME;
- 3) Zinc (0.005 mg/L) was identified in the rinsate sample collected during the September 2011 GME;
- 4) Toluene (0.6 mg/L) was identified in the trip blank sample analysed during the September 2011 GME; and
- 5) Sodium (2 mg/L), magnesium (0.1 mg/L) and zinc (0.007 mg/L) were identified in the rinsate sample collected during the February 2012 GME.

Zinc was identified in all rinsate and trip blank samples at very low concentrations. Given the presence of zinc in the trip blank sample which did not come in contact with any of the sampling equipment it is considered likely that the zinc identified in the rinsate samples is in fact a product of the laboratory supplied water. Furthermore, the fact that the concentrations identified in the QA/QC samples are significantly lower than those identified in the groundwater samples, any perceived lack of precision associated with the analysis of zinc is unlikely to affect the interpretative value of the data.

The concentrations of sodium and magnesium identified in the February 2012 rinsate sample are only marginally above or on the laboratory limits of reporting and are not considered to represent contamination during the rinsing of sampling equipment. Any perceived lack of precision associated with the analysis of these analytes is unlikely to affect the interpretative value of the data for the purpose of this investigation.

Given that toluene was not identified in any of the primary groundwater and is not considered to be a chemical of potential concern at the Site it is unlikely that the concentrations identified in the trip blank sample analysed as part of the September 2011 GME represents a cross contamination issue. On this basis, its detection in the QA/QC sample is not considered to be representative of any impacts of groundwater at the Site and has not been considered further during the interpretation of data during this investigation.

Overall the QA/QC samples collected during the three groundwater investigations provide confidence in the decontamination procedures and transportation of samples to the laboratory.

1.3 LABORATORY QA/QC

The analytical methods implemented and reported by the laboratories were performed in accordance with their scope of NATA accreditation and consistent with Schedule B(3) of the NEPM. The laboratories generally reported an adequate range and frequency of data quality information (including laboratory duplicates, control samples, surrogate recoveries and spike recoveries) for the purposes of this assessment. The reported laboratory

data quality information was acceptable with the following exceptions and their potential effects on data quality are summarised below.

SGS Job Number PE057307

Holding times were exceeded for the analysis of alkalinity and hexavalent chromium. As a result there is the potential that these analytes have been under reported due to potential sample decomposition. The results for alkalinity during this round of analysis are consistent with those reported for the following investigations and therefore considered to be suitable for the purpose of this investigation. Given that hexavalent chromium was not identified in four out of five samples and at very low concentrations in the fifth any minor variation in the concentrations associated with the breach in holding times is not considered to affect the interpretative value of the data for the purpose of this investigation.

The matrix spike recovery for manganese was outside of the laboratory acceptability criteria due to concentrations in the primary sample exceeding that of the spike. Given the volume of compliant data quality information provided by the laboratories, the potential lack of accuracy represented by issues with a limited number of spike recoveries for some compounds is not considered to compromise the quality of the data overall.

SGS Job Number PE060993

Holding times were exceeded for the analysis of alkalinity and acidity. As a result there is the potential that these parameters have been under reported due to potential sample decomposition. The results for both parameters during this round of analysis are consistent with those reported for the other investigations and therefore considered to be suitable for the purpose of this investigation.

Spike recoveries for aluminium, iron and sulphate were all outside of the acceptance criteria due to high background concentrations. Given the volume of compliant data quality information provided by the laboratories, the potential lack of accuracy represented by issues with a limited number of spike recoveries for some compounds is not considered to compromise the quality of the data overall.

SGS Job Number PE065491

Holding times were exceeded for the analysis of alkalinity, acidity, sulphide and total suspended solids (TSS). The results for alkalinity, acidity and TSS during this round of analysis are consistent with those reported for the previous investigations and therefore considered to be suitable for the purpose of this investigation. There is the potential that concentrations of sulphides have been under reported as a result of the extended holding times. However sulphides were not detected above the laboratory limits of reporting in the samples that were analysed both within and outside of holding time limits. On this basis it is considered that the interpretative value of the data

collected from those samples analysed outside of the recommended is suitable for the purpose of this investigation.

Matrix spike recovery for iron was outside of the acceptance criteria due to high background concentrations. Given the volume of compliant data quality information provided by the laboratories, the potential lack of accuracy represented by issues with a limited number of spike recoveries for some compounds is not considered to compromise the quality of the data overall.



2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 8B

Letter to OEPA, dated 12 February 2014, providing rationale for Groundwater Monitoring Well Re-Locations.

Environmental Resources Management Australia

6th Floor, 172 St. Georges Terrace Perth WA 6000

PO Box 7338 Cloisters Square WA 6850

Telephone +61 8 9321 5200 Facsimile +61 8 9321 5262

www.erm.com



12 February, 2014

Kim Taylor General Manager Office of the Environmental Protection Authority The Atrium Level 8 168 St Georges Terrace Perth, Western Australia 6000

Our Reference: 0220651

OEPA Reference: CA01-2013-0018

Dear Mr Taylor,

RE: GROUNDWATER MONITORING WELL RE-LOCATION

1. INTRODUCTION

Environmental Resources Management Australia Pty Ltd (ERM) was engaged by Yara Pilbara Nitrates Pty Ltd (YPNPL) to support them in addressing environmental non-compliances (NC) highlighted in the OEPA's letter dated 15 January 2014. This letter specifically responds to the request for:

'Details of the design, construction and location of the bores installed to replace groundwater monitoring bores MW1 and MW4 and the reasons and rationale for replacing the bores...'

The OEPA require action by 14 February 2014 to resolve the NC. This letter sets out the information required together with *Annexes A* and *B* which provide location details and the 'Monitoring Well Installation' report issued by GHD respectively.

2. PROJECT APPRECIATION

The site (including temporary laydown areas) occupies approximately 35 ha of land in the north-western section of Lot 3017. Lot 3017 totals approximately 49 ha and is located within the Burrup Industrial Estate (BIE). The existing ammonia fertiliser plant is situated adjacent to the western boundary of Lot 3017.

The civil works for the TANPF have now been completed and construction works commenced. The Project is on target for commissioning in Q1 2015. During civil works activities, 2 of the 5 groundwater monitoring bores (MW1 and MW4) installed by ERM to periodically monitor groundwater conditions under Condition 8-4 of Ministerial Statement No. 870 were damaged and have been replaced.

3. REPLACEMENT WELL INSTALLATION

3.1 INTRODUCTION

Figure 1 of Annex B (p4) has been marked up to show the approximate original location of wells MW1 and MW4 in relation the proposed TANPF layout. MW1 was originally located in the vicinity of proposed site road no. 3 to the north west of the TANPF, and MW4 within the proposed Nitric Acid plant to the south west of the TANPF. As a result, YPNPL sought to find viable relocation sites for the wells.

3.2 NEW LOCATIONS

New representative well locations were selected by ERM in consultation with YPNPL (*Annex A* and *Figure 1* of *Annex B*). The well positions were relocated in consideration of updated proposed TANPF layout, intending to fulfil the same purpose as the original positioned wells while being located in locations protected from construction activities.

A location for replacement MW1 was chosen to the north west of the original well location, just within the fenced site boundary. A location for replacement MW4 was chosen to the south east and immediately down gradient of the original well location between Contaminated Surface Water Storage Ponds 4 and 5, as close to the fence line as practicable.

The location of the current wells in relation to the original locations is also shown in *Annex A. Table 1* of *Annex B* (p3) provides the coordinates of the relocated wells MW1 and MW4.

It is noted that the replacement wells were drilled as near to the original locations as possible but do differ in terms of elevations.

3.3 REASONS AND RATIONALE FOR REPLACING THE BORES

The reasons for relocation as stated in the previous section are related to the proposed layout of the TANPF. The Project's Construction Water Quality Management Plan (reference 2-250-329-PRO-TRE-0118) prepared for YPNPL's principal contractor noted that 'Existing groundwater monitoring well locations shall be retained where possible, however, it is noted that several locations are present within the building footprint. Groundwater monitoring wells present within the building footprint will be decommissioned in accordance with relevant WA guidelines and internationally recognised industry standards at the commencement of construction.'

To avoid interference with construction activities and proposed operations, the wells have been relocated to representative sites with respect of location and the likely interception of analytes as related to particular parts of the facility.

ERM consider that the locations of the replacement wells are representative of the original well locations on the following basis:

- MW 1 is positioned at an up hydraulic gradient location near the northern perimeter of the Site to continue to monitor background groundwater quality; and
- MW 4 is installed adjacent to potential sources of contamination in Contaminated Surface Water Ponds 4 and 5 and down hydraulic and topographic gradient of the Site to enable the evaluation of any potential impacts in relation to water quality contamination as a result of construction activities.

It is noted that the contaminated water pond design has changed from a single membrane to a double membrane design with a leak detection system between the membranes. A leak would trigger action to replace the membranes. The risk of a leak from the ponds to groundwater is therefore considered low.

3.4 CONSTRUCTION

Section 2 of Annex B provides details of the well installation methodology. In summary, the replacement wells were redrilled on Saturday 7 September 2013 using an airlift method (to remove introduced fluids) in accordance with:

- Water Quality Protection Note 30: Groundwater Monitoring Bores,
 Department of Water, Government of Western Australia; and
- Minimum Construction Requirements for Water Bores in Australia, February 2012, Third Edition.

3.5 DESIGN

The replacement wells were constructed with 50 mm Class 18 PVC casing and a lockable protective casing extending approximately 700 mm above ground level. *Appendix A* of *Annex B* to this report provides well logs which detail the design of the wells. The design of the replacement wells is considered consistent with the objectives of the original well design in terms of intercepting groundwater analytes/ contaminants.

It is noted that the drilling and installation of replacement wells MW1 and MW4, has resulted in a variation of well depth. The deeper screens in the replacement wells could potentially lead to variation in groundwater chemistry where sampled as compared with the original MW1 and MW4 wells. This is due to different part of the aquifer is being sampled (i.e. the deeper in the bedrock profile and closer to the tidal flats the likelihood of higher salinity). Should future sampling show consistent concentrations representative of natural background conditions in these replacement wells that are outside of the current trigger limits, there may be a need to review and propose revised trigger levels.

4. SUMMARY

Overall, the replacements wells MW1 and MW4 are considered fit for purpose in continued groundwater monitoring in accordance with Condition 8-4 of Ministerial Statement No. 870 given the relative locations of the well in relation to the objectives of groundwater construction monitoring. While there are minor variations in the design of the wells when compared to the original installations, it is considered that these differences will only affect the interception of natural groundwater chemistry in the monitoring process, and will not affect the effectiveness of the wells in monitoring potential contaminants connected with the construction and operation of the TANPF.

Should you require any clarification please contact the undersigned.

Yours sincerely,

for Environmental Resources Management Australia Pty Ltd

Sean Scaife

Paul Myers-Allen

Project Manager

Partner

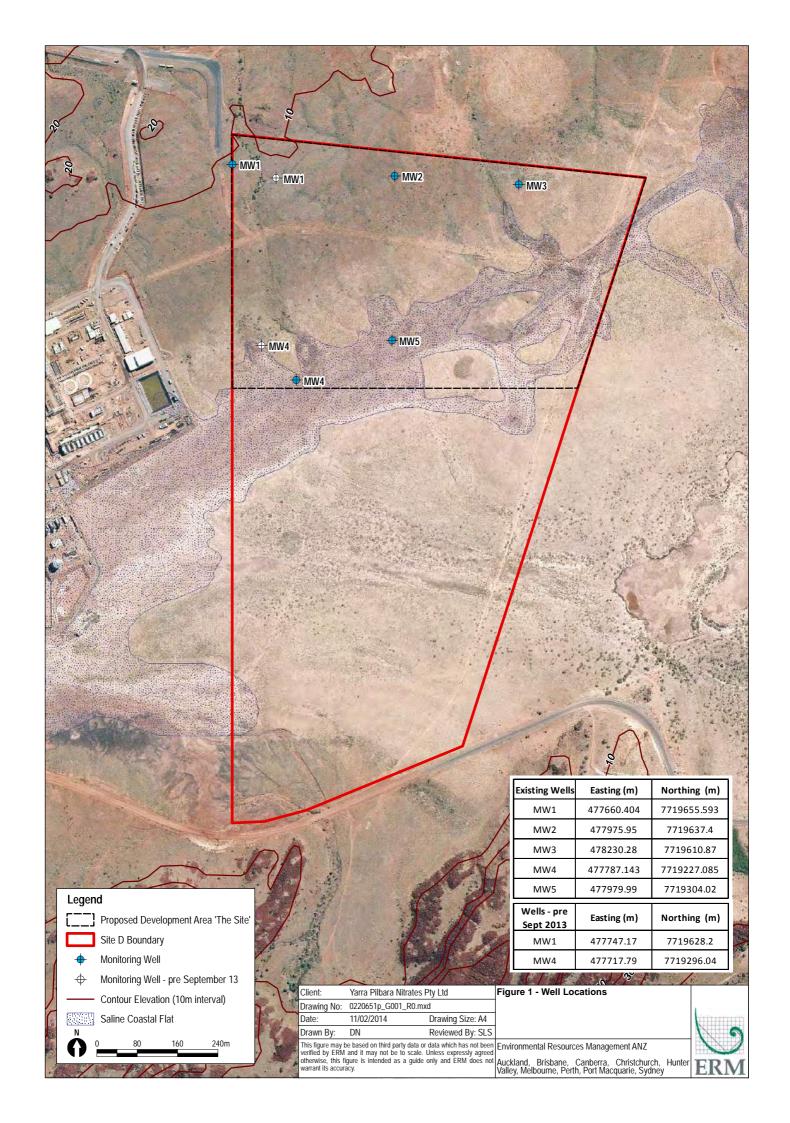
Attachments:

Annex A - Well Locations

Annex B - Monitoring Well Installation report (GHD, 2013)

Annex A

WELL LOCATIONS



Annex B

MONITORING WELL INSTALLATION REPORT





Tecnicas Reunidas

TAN Burrup Project Monitoring Well Installation

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Appendices

Appendix A – Well Logs

Appendix B – Site photographs

1. Introduction

This report describes the installation of two (2) monitoring wells on the Technical Ammonium Nitrate (TAN) production site, to replace existing wells that had been destroyed during facility construction.

1.1 Background

Yara Pilbara Nitrates Pty Ltd (YPNPL) formerly Burrup Nitrates Pty Ltd (BNPL) is joint venture between Yara, Orica and Apache. YPNPL is developing a Technical Ammonium Nitrate (TAN) production facility on the Yara Pilbara Peninsula near Karratha in the Shire of Roebourne, Western Australia. When completed, the TAN will be owned by YPNPL, operated by Yara International ASA and marketed by Orica Limited.

The TAN production facility will be located adjacent to the existing ammonia plant in the Burrup industrial estate is operated by Yara Fertilisers Pty Ltd, and will include:

- Process plants;
- Utilities area;
- Storages for finished product; and,
- Several buildings including a workshop, central control room, laboratory, safety and security gatehouse, administration office and staff amenities.
- Regulatory approval has been requested for Site D within King Bay/Hearson Cove Industrial Precinct on the Burrup Peninsula, approximately 13km northwest of Karratha Western Australia (WA) and construction commenced in 2012 with the TAN expected to be fully commissioned by the last quarter of 2014.

1.2 Assumptions and Limitations

This report: has been prepared by GHD for Tecnicas Reunidas and may only be used and relied on by Tecnicas Reunidas for the purpose agreed between GHD and the Tecnicas Reunidas as set out Section 1 of this report.

GHD otherwise disclaims responsibility to any person other than Tecnicas Reunidas arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

2. Monitoring Well Installation

Monitoring wells MW1 and MW4 were installed by Envirotech Drilling with a Comacchio MC405 rotary drill rig by Rotary Air Blast (RAB) and down hole hammer, on Saturday 7th September 2013. The well locations are presented in Figure 1 and installation details are summarised on Table 1.

Table 1 Installation Summary

Well Number	Easting ¹	Northing ¹	Screen interval (mbgl)	Groundwater Intersection (mbgl)
MW1	477660	7719655	7.5 – 16.5	10
MW2	477787	7719227	7.5 – 13.5	8.25

¹ GDA94 MGA zone 50

Both wells were constructed with 50 mm Class 18 PVC casing, screened across the interpreted water table (groundwater intersection), and completed with lockable protective casing extending approximately 700 mm above ground level. Well construction and lithology encountered is presented in Appendix A and photographs are presented in Appendix B.

The wells were developed by airlift methods to remove introduced fluids. The development yields were low, with the southern bore, MW4, yielding approximately 0.1 L/s. The development yield of MW1 was lower and intermittent. The low yields are attributable to the low conductivity of the lithology encountered, which largely comprised clayey materials and rock (granophyre). Consequently, it was not possible to measure yields or water quality parameters during drilling.

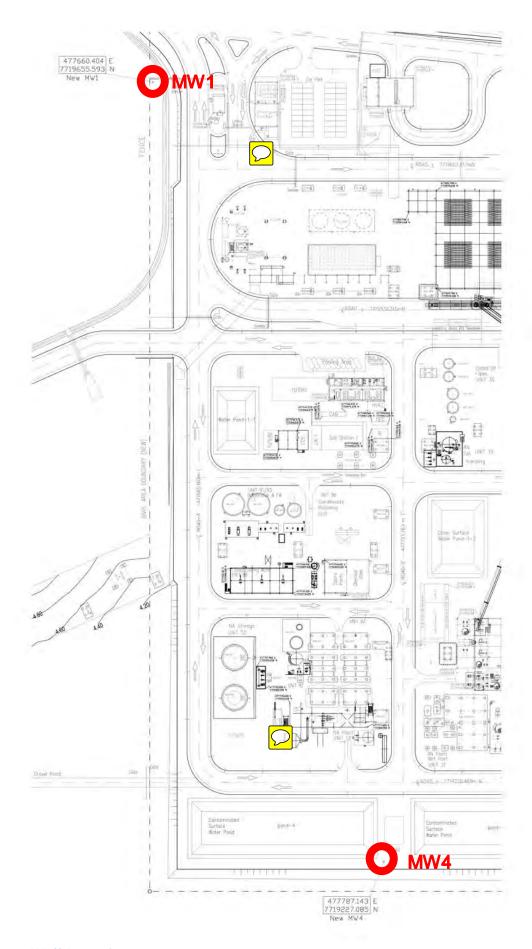


Figure 1 Well Locations

3. Conclusion

While the low yield of the wells during and after construction is a consequence of the lithology encountered, these wells will be suitable for groundwater level and quality monitoring purposes.

Appendix A – Well Logs



BOREHOLE LOG

to: 7/09/2013

Bore No.: MW1

Page: 1 of 1

Client: YPNPL
Project: Monitoring Well Installation Tan Burrup
Project No.: 6129922
Location: Burrup Peninsula
Date Drilled: 7/09/2013 to: 7/09/20

Drill Co: EnviroTech Driller: RF Rig Type: Hydraulic Hammer Total Depth (m): 16.5 Diameter (mm): 90

Easting: 477660
Northing: 7719655
Grid Ref: GDA94_MGA_zone_50
Collar RL: Elevation: 0
Logged by: S Fernando Checked by:

Duto	Difficu. 770		Casing: CL18 50mn		Screen Slot Size (mm): 0.5mm	
Depth (m)	Water	Piezometer Details	Graphic Log	LITHOLOGICAL DESCRIPTION Soil Type (Classification Group Symbol); Particle Size; Colour; Secondary / Minor Components.	COMMENTS/ ENVIRONMENTAL CONDITIONS	Elevation / Depth (m)
0.0		E I		Ground Surface:		0.00
- 0.0 - - - - - - 1.0		Colling the mix		Clayey SAND Clayey sand. Grey with some fine to medium gravel fragments.		-1.00
		Bentonite seal ————————————————————————————————————		GRANOPHYRE Rock. Recovered as fine to medium grey sandy particles.		1.00
- - - - - - - - - - - - - - - -			* * * * * * * * * * * * * * * * * * *	GRANOPHYRE Rock. Recovered as fine grey particles.		-8.00 8.00
- - - - 10.0 - - -			x x x x x x x x x x x x x x x x x x x		Water added due to dust	
11.0 12.0 		Screen	**************************************			
- - -13.0 - -						
- 14.0 - - - -			* * * * * * * * * * * * * * * * * * *			
15.0 16.0						
Ė			× × × × × × × × × × × × × × × × × × ×			-16.50
F						16.50
<u> </u>	- C·					

NOTES:

GHD Soil Classifications: The GHD Soil Classification is based on Australian Standards AS 1726-1993. This log is not intended for geotechnical purposes.

Drilling Abbreviations:			Moisture	Consistency:					
1	RW(x)	Rotary Wash	PSC(x) Percussion Simultanous Casing	Abbreviations:	Granular Soils		Cohesive Soils	
1	RT(x)	Rotary Triple Tube	AS	Augering - Solid Flight	D Dry	(VL) Very Loose	(D) Dense	(VS) Very Soft	(ST) Stiff
1	PC(x)	Percussion Cable Tool	AΗ	Augering - Hollow Flight	M Moist	(L) Loose	(VD) Very Dense	(S) Soft	(VST) Very Stiff
-	PD(x)	Percussion Down Hole	Н	Hand Augering	W Wet	(MD) Medium Dense		(F) Firm	(H) Hard
1	Where "x" is flushing medium: (W) Water, (M) Mud, (A) Air, (F) Foam.								
- 1	I								



BOREHOLE LOG

to: 7/09/2013

Bore No.: MW4

Page: 1 of 1

Client: YPNPL
Project: Monitoring Well Installation Tan Burrup
Project No.: 6129922
Location: Burrup Peninsula
Date Drilled: 7/09/2013 to: 7/09/20

Drill Co: EnviroTech Driller: RF Rig Type: Hydraulic Hammer Total Depth (m): 13.5 Diameter (mm): 90

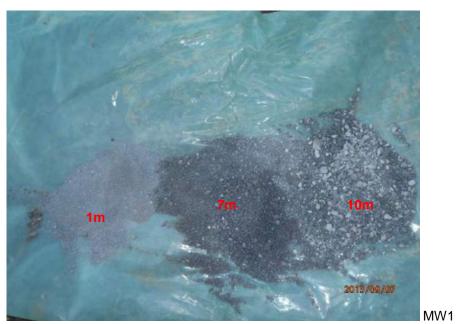
Easting: 477787 Northing: 7719227 Grid Ref: GDA94_MGA_zone_50 Collar RL: Eleva Elevation: 0 Checked by: Logged by: S Fernando

Date i	Drillea: 7/09	72013		0: 7/09/2013 Casing: CL18 50mn		Screen Slot Size (mm): 0.5mm	
		etails					
Depth (m)	Water	Piezometer Details		Graphic Log	LITHOLOGICAL DESCRIPTION Soil Type (Classification Group Symbol); Particle Size; Colour; Secondary / Minor Components.	COMMENTS/ ENVIRONMENTAL CONDITIONS	Elevation / Depth (m)
0.0			,× E		Ground Surface:		0.00
- ^{0.0}			Concrete in		Clayey SAND Clayey sand. Red/brown with mid-size gravel.		0.00
_			1	rado de la constanta de la con	only of and real promise and only of the second		
1.0							
_2.0				e digitalità digitalità di gita egitata ligazi de ligagi de li energia de la constanta de la			
3.0							
_			ite se				
4.0			Bentonite seal	i e a judi e a judi e a ju a judi kesi u i kesi u ju			
_			— П П				
- -5.0							
_							
- -6.0				(-6.00 6.00
- "					Silty CLAY Silty Clay. Red brown with some sand. Minor cobbles.		6.00
- - -7.0			¥				
- 7.0							
-							
8.0 						Becoming moist	
_							-9 00
-9.0 -				× × × × × × × ×	GRANOPHYRE		-9.00 9.00
_				^x^x^x^x^x^x^x x_x_x_x_x_x	Rock. Recovered as fine/sandy grey particles.		
10.0			Gravel pack	*^ x ^ x ^ x ^ x ^ x ^ x ^ x ^ x ^ x ^ x			
_			-Grav	******			
_11.0				× × × × × × × × × × × × × × × × × × ×			
-				^x^x^x^x^x^x			
12.0				* * * * * * * * * * * * * * * * * * *			
_				_×_×_×_×_×_>			
- 13.0				^			
-			*	^x^x^x^x^x^			-13.50 13.50
- 14.0							
- 15.0							
_ _ 16.0							
- 10.0							
- - -17.0							
—17.0 NOTE	:S·			1		1	
NOIL	٥.						

GHD Soil Classifications: The GHD Soil Classification is based on Australian Standards AS 1726-1993. This log is not intended for geotechnical purposes.

Drilling Abbreviations:			Moisture	Consistency:					
1	RW(x)	Rotary Wash	PSC(x) Percussion Simultanous Casing	Abbreviations:	Granular Soils		Cohesive Soils	
1	RT(x)	Rotary Triple Tube	AS	Augering - Solid Flight	D Dry	(VL) Very Loose	(D) Dense	(VS) Very Soft	(ST) Stiff
1	PC(x)	Percussion Cable Tool	AΗ	Augering - Hollow Flight	M Moist	(L) Loose	(VD) Very Dense	(S) Soft	(VST) Very Stiff
-	PD(x)	Percussion Down Hole	Н	Hand Augering	W Wet	(MD) Medium Dense		(F) Firm	(H) Hard
1	Where "x" is flushing medium: (W) Water, (M) Mud, (A) Air, (F) Foam.								
- 1	I								

Appendix B – Site photographs



From 1 metre depth, the lithology encountered in MW1 was rock (granophyre). The photograph above shows 3 samples from depths of 1, 7, and 10 metres.



MW1



MW1



MW4 1 metres



MW4 2 metres



MW4 3 metres



MW4 5 metres



MW4 6 metres



MW4 9 metres



MW4 12 metres



MW4 13 metres



MW



N/N//

GHD

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Document Status

Rev	Author	Reviewer		Approved for Issue			
No.		Name	Signature	Name	Signature	Date	
1	S Fernando	C Kraut	Con 14	N Dawe		11/09/2013	

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2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 8C

Letter to OEPA, dated 30 January 2017, informing CEO of the installation of an upgradient bore.



30 January 2017

Our Reference: 500-200-AUD-EPA-0003.2

Your Reference: CA01-2013-0018

Chief Executive Officer
Office of the Environmental Protection Authority
Locked Bag 10
East Perth WA 6892

Email: compliance@epa.wa.gov.au, matt.spence@epa.wa.gov.au,

Dear Sir,

Subject: Response to Statement 870 Compliance Audit Report

Yara Pilbara Nitrates Pty Ltd (YPN) has completed the actions identified by OEPA as requiring verification, as advised in the letter dated 21 November 2016 regarding the Desktop Audit of Statement 870.

An independent botanist was engaged by YPN and conducted a survey of the Technical Ammonium Nitrate (TAN) plant site on 21 December 2016. The inspection detected no weed species that were not present at site prior to the development of the TAN plant. Due to the timing of the inspection being sub-optimal, a follow up survey is planned later in this wet season. A copy of the survey report is attached.

Ongoing investigation by YPN into the elevated levels of Total Nitrogen detected in groundwater bores on site has been unable to detect any plausible causes related to the development of the TAN plant. Elevated nitrogen levels have been detected in MW1 which is a location just within the plant boundary and upgradient of the TAN plant (ie this bore is intended to measures groundwater quality of groundwater that flows into the TAN plant site).



To increase the confidence that results from MW1 are representative of offsite groundwater quality YPN is installing an additional bore upgradient of the plant site, at a nominal location shown in the attached figure (yellow stars indicate nominal locations of new bore, and redevelopment of an existing bore at Yara Pilbara Fertilisers Ammonia Plant). This new bore is planned to be installed in time to be included in the next TAN plant groundwater monitoring event scheduled for Q2 2017, the results of which will be reported to the OEPA.

If you have any queries please do not hesitate to contact Susan Giles, Environmental Superintendent on 9183 4167 or susan.giles@yara.com.

Yours Sincerely,

Brian HOWARTH

HESQ Manager

Yara Pilbara Nitrates

Attachments:

- 1. 500-200-AUD-EPA-0003.3 TAN Weed Survey Report January 2017
- 2. 500-200-AUD-EPA-0003.4 Yara Pilbara Groundwater Monitoring Bore Locations

YARA TECHNICAL AMMONIUM NITRATE (TAN) PLANT- BURRUP PENINSULA - WEED SURVEY

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Prepared for Pilbara Nitrates Pty Ltd

vicki long & associates

Living in the Pilbara PO Box 713, Karratha WA 6714 0428 854 852

ABN: 96 009304 634

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YARA TECHNICAL AMMONIUM NITRATE (TAN) PLANT BURRUP PENINSULA WEED SURVEY

Prepared for:

Yara Pilbara Nitrates Pty Ltd

Job No: VLA-031

Reference No: vla031rv01_Rev0_270117

Revision Status

Rev	Date	Description	Author(s)	Reviewer
Α	03/01/2017	Draft Issued for Client Review	V Long	P French
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vla

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Appendix A: Vegetation Description Scale and Vegetation Condition Scale

Appendix B: Weed Classifications

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1. Introduction

Yara Pilbara Nitrates Pty Ltd (YPN) has recently constructed a Technical Ammonium Nitrate (TAN) Plant on the Burrup Peninsula and is soon to commence production. Ministerial Statement 870 (MS870), which gave approval for the TAN Plant project to proceed includes the following Conditions which need to be complied with:

Condition 6.1.5: No new species of weeds (including both declared weeds and environmental weeds) shall be introduced into the area as a result of the implementation of the proposal; and **Condition 6.1.6**: The coverage of weeds (including both declared weeds and environmental weeds) within the rehabilitation areas shall not exceed that identified in baseline monitoring undertaken prior to the commencement of operations, or exceed that existent on comparable, nearby land which has not been disturbed during implementation of the proposal.

The TAN Plant has been constructed and is being commissioned by Engineering Procurement and Construction (EPC) contractor Technicas Reunidas(TR). TR has implemented some weed control to comply with their Construction Environmental Management Plan during the construction period (Tecnicas Reunida 2012). However in the 2016 MS870 Compliance Assessment Report, YPN was not able to demonstrate that there had been no new weed species introduced to the plant site during construction. There YPN committed to undertaking a weed survey by a qualified botanist to ascertain the presence and relative abundance of weed species at the TAN Plant site.

YPN received correspondence from the Office of Environmental Protection Authority (OPEA) responding to the submitted Compliance Assessment Report and asking YPN for a response on the status of weeds on the site by January 31st 2017.

To achieve a comprehensive weed survey, YPN requested Vicki Long & Associates (VLA) conduct a weed survey of their Burrup TAN plant site and lease area. This report presents the results of that survey.

2. Scope

The scope of work was to conduct a weed survey of Lot 3017, Village Road, Burrup (the TAN Plant site and lease); to identify and locate (with hand held GPS) any declared and/or environmental weeds present. Weed presence and abundance was to be compared with the project baseline survey data.

3. The Site

The Yara TAN Plant site is located on the eastern side of the Burrup Peninsula (Murujuga) on the Pilbara coastline, some 20 km north of Karratha within the Burrup Strategic Industrial Area. It sits on the northern side of the King Bay tidal inlet and west of Hearson Cove. The Yara TAN site is 4-9 hectares (ha), of which the TAN Plant comprises some 33.11 ha.

The site was, pre-construction, biologically complex, extending from the lower toe of the rocky hill slopes to the north across coastal flats and small sandy "islands" tapering to the tidal inlet to the south. The Level 1 botanical survey conducted for the Public Environmental Review (PER) (Outback

Ecology Services 2010) discusses five broad vegetation types over the TAN Plant site, although it does appear from the vegetation map in that report (Figure 2 of Annex 1) (ERM 2010) that 15 vegetation communities actually occurred on the site pre-construction. The remnant vegetation within the lease area that are outside of and to the south of the plant site identified in the baseline survey (Outback Ecology Services 2010) are based on the Trudgen report (2002) mapping and are described as:

AbTeWa (coastal flats): High open to open heath of Acacia bivenosa, A. coriacea subsp coriacea over low open shrubland over Triodia epactia hummock grassland and mixed closed grasses over herbs, and:

Sm (saline inlet and supratidal flats): Tecticornia spp. Scattered low shrubs to open heath.

4. Methods

Aerial photos were used to identity survey areas both within and beyond the plant site. All areas were traversed by foot. At each weed location the following attributes were recorded.

Table 1: Attributes recorde	d at weed	locations in	2016 survey
-----------------------------	-----------	--------------	-------------

Attribute	Description
Species name	Current taxonomic species name of all weed species
Collection Id	Unique identifying code was assigned if a specimen was collected
Location	Coordinates of the weed point location (GDA94)
Recorder and date	Personnel involved in sampling at location and survey date
Cover (within a stated	An estimate of foliar cover as a percent value (1; 5; 10; 20; 30; 40; 50; 60; 70; 80;
area)	90 and 100)
Life Stage	Non-flowering; Flowering; Set Seed; Seeding

5. Survey Personnel and Timing

The field survey was conducted by Vicki Long, a botanist/ecologist with over 30 years of experience in the Pilbara. Vicki has been involved in numerous weed surveys on the Burrup Peninsula and coastal Pilbara and is well qualified to detect new incursions and assess current infestations. Vicki was accompanied by Yara vacation student Rhys Katich who was gaining work experience with Yara.

The survey of the Yara TAN lease was conducted on 21st December 2016. No significant rainfall had been received since June and July 2016 when 71 mm and 58 mm of rainfall were received respectively. This meant that many weeds had already senesced, or were senescing apart from those located in more disturbed areas (edges of roads, fencelines, soil stockpiles). Additionally many weed species die back to root-stock in the absence of rain; these would not have been detected during this survey. Timing, due to the dry climate, was seen as a limitation to the accuracy of the survey.

6. Taxonomy and Nomenclature

All species recorded were able to be identified in the field by the surveying botanist.

7. Results

7.1 Vegetation Condition - General

When discussing "Vegetation Condition" the baseline report (Outback Ecology Services 2010) indicates that "the eastern and southern parts of the site are heavily invaded by *Cenchrus ciliaris* to the extent that it forms a Closed Grassland in parts (>70%)". This indicates that the vegetation structure has changed somewhat since the Trudgen mapping in 2000 (Trudgen 2002). The Outback Ecology baseline report does indicate that Dr Arthur Weston, as consultant botanist who assisted with the Trudgen survey, commented that *C. ciliaris* (buffel grass) had increased in dominance and cover since the 2000 field survey. The author of this report was the third consultant botanist for the Trudgen survey and concurs with the comments made by Dr Weston. However it appears that since the baseline survey, the condition of the vegetation has not significantly changed and the cover of buffel grass remains similar. During this survey, three vegetation types were described (based on Aplin 1979 – see Appendix A) in the lease area beyond the plant site and immediate infrastructure, which have now replaced those recorded by Trudgen and used for the baseline survey.

Vegetation as it currently (2016) occurs and its current condition in the area is described in Table 2.

Table 2: Vegetation descriptions for remnant vegetation east and south of Yara TAN plant site (within lease)

Code	Vegetation Description ¹	Condition ²
AbTttCc	Acacia bivenosa open (2-10%) to scattered (<2%) tall shrubland over open Trianthema turgidifolia low shrubland (2-10%) over Cenchrus ciliaris tussock grassland (30-70%) to closed tussock grassland (70-100%) with patchy (<2%) Triodia epactia on sandy flats.	Very Poor
СсТѕр	Cenchrus ciliaris closed tussock grassland (70-100%) with scattered (<2%) low shrubs of Tecticornia species and Trianthema turgidifolia fringing tidal inlet.	Completely Degraded
Tspp	Tecticornia species low open shrubland (2-10%) to scattered low shrubs (<2) on tidal inlet.	Very Good

¹Vegetation descriptions are based on Muir(1977) and Aplin's (1979) modification of the vegetation classification system of Specht (1970): Aplin T.E.H. (1979). The Flora. Chapter 3 in O'Brien B.J. (ed) 1979 *Environment and Science* University of Western Australia Press.

7.2 Weed Species Recorded

Two weed species only were recorded within the Yara TAN lease during the December 2016 survey. These were *Cenchrus ciliaris* (buffel grass) and *Aerva javanica* (kapok) and both species have been recorded in previous surveys. The Department of Parks and Wildlife (DPaW) classify weeds in each region, termed "environmental weeds". These are weeds that may impact on natural, rather than agricultural or horticultural, values and are assessed based on invasiveness, ecological impact, potential and current distribution and the feasibility for control. The priority for management is defined by these risk rating categories (Parks and Wildlife 2015). Weed categories and management recommendations are given in Appendix B.

With regard to the weed rankings, it should be remembered that they are formulated for the entire Pilbara region, much of which is under pastoral lease where buffel grass in particular is a highly

²Vegetation Condition Scale is based on Trudgen M.E. (1988). A Report on the Flora and Vegetation of the Port Kennedy Area. Unpublished report prepared for Bowman, Bishaw and Associates West Perth.

valued fodder species. Both buffel grass and kapok are now widespread in the Pilbara and control is no longer a feasible option for the wider area. The Burrup Peninsula however, like some offshore islands, is still relatively weed-free apart from in the Industrial Zone. The vegetation types found on the Burrup Peninsula (Murujuga National Park) are not replicated anywhere else on the Pilbara mainland (Trudgen 2002). Put into context, the vegetation of the Burrup is unique and has high conservation value. Given this, the fact that Murujuga National Park is a tourist asset and the globally acknowledged heritage value of the rock art, these weed rankings for the Burrup Peninsula should be locally re-evaluated.

Table 3: Inventory of weed species recorded within the Yara TAN lease, weed policy classifications and recommended management options. (Australian Weeds Committee 2012; Department of Parks and Wildlife 2013)

Species Name (common name)	Classification ¹
Aerva javanica (kapok)	Environmental weed (Low; D,E)
Cenchrus ciliaris (buffel grass)	Environmental weed (Low, D)

¹Management actions that may be considered for each ranking are included in Appendix B.

These two species were both recorded present in the Level 1 baseline survey conducted for the PER in March 2009 (Outback Ecology 2009). *Vachellia farnesiana* recorded during that survey was not detected in this 2016 survey.

7.3 Cover and Life Stage

Plant Site

The plant site is comprised of two distinct areas: the operating plant area and the surrounding infrastructure, office and boundary areas.

The operating plant area is heavily gravelled which results in very low weed presence (0-<1%).

The area peripheral to the operating plant area includes stony batters, office sites on surfaces of dirt or cracker dust, mostly dis-used laydown areas and an area of stockpiled soil. These areas had varying weed presence and abundance. Kapok was the most recorded species and cover ranged <1% to 10% to 20% to 60% at some weed record points. Buffel grass was less abundant and ranged from <2% to 10%. Abundances are mapped in Appendix C Figure 1.

Kapok was generally recorded as flowering and seeding (plants seed from the terminal part of the inflorescence while still flowering lower down the spike). Buffel grass had generally completed its reproductive stage although isolated plants were still seeding.

Lease area south and south east of Plant Site

The area outside the plant site fence (but within Yara TAN's lease) to the east and south east was heavily infested with buffel grass. Both areas had an estimated buffel grass cover of 70% to 80% of the total area. Unlike within the plant site, kapok in this area had significantly died back for the season. It was estimated at 10% cover but it is anticipated that figure would be much higher following effective rainfall. Abundances are mapped in Appendix C Figure 1.

7.4 Comparison with Previous Weed Mapping

The Scope of Works requirement to compare the type and abundance of weeds to the baseline survey can only be done superficially for the following reasons:

- The baseline survey report (Outback Ecology 2010) describes the vegetation condition as ranging from "Very Good to Degraded" but these areas are not presented on a map. Additionally, there is no indication as to which Vegetation Condition Scale these ratings were derived from and no definitions are given. At best it is reported that the "north-east corner" of the site is in "Very Good condition" with patches of *Cenchrus ciliaris* (buffel grass) and *Aerva javanica* (kapok). The eastern and southern parts of the site were reported as being "heavily invaded by *C. ciliaris* to the extent that if forms a Closed Grassland in parts (>80% cover)". One can only assume the heavily infested areas would be classified as Very Poor or Degraded, depending on the Vegetation Condition Scale used.
- A comparison of abundance and density with baseline data can only be made in the
 undisturbed areas to the east and south of the plant area. Conditions within the plant site
 itself have changed significantly. New weed invasions can, however, be detected over all
 areas.
- Weed mapping was conducted in July and October 2013 and a map is included in the Compliance Report for Weed Management Attachment 04 Weed Mapping Report (Tecnicas Reunidas 2014). The map does show the location of buffel and kapok and "fumigation" efforts in 2013 but does not indicate abundance.

From the previous literature available, it appears that the locations of buffel and kapok within the plant site area have remained the same but there has been further spread into the western side of the plant site and along the access road into the site since 2013. A comparison of species abundance cannot be commented on. The area outside the plant site, on the eastern and southern sides of the lease appears to have remained constant since the baseline survey, although the estimation of kapok cover in this area was more difficult to achieve accurately due to plants being senesced at the time of the December survey.

The MS870 Condition 6.1.6 states "The coverage of weeds (including both declared weeds and environmental weeds) within the rehabilitation areas shall not exceed that identified in baseline monitoring .." As Yara have not undertaken any specific revegetation to date, the Scope of Work requirement to compare current abundances with baseline survey goes beyond compliance and shows environmental integrity.

A weed map is presented in Appendix C Figure 1.

8. Discussion and Recommendations

Whilst the weed ranking for both kapok and buffel grass is "low," the management options (DPaW 2013) for these weeds are "D – Protect Priority Sites" and "E – Targeted control to reduce infestations at priority sites". Given the high conservation value of the vegetation of the Burrup Peninsula, these management options to keep weeds contained and or controlled within the Yara TAN plant site is sound environmental practice. In saying this the eastern and southern area beyond the plant site are now in very poor to degraded condition and it is not likely that buffel grass could

be controlled in this area, nor would it be cost and time effective to do so. Based on the results of this survey the following recommendations are made.

- A weed survey be conducted at a more appropriate time following sufficient rainfall in order to gain a better understanding of weed presence and abundance within the Yara TAN lease.
- Yara TAN consider a weed program for each species based on risk, time and resources to ensure effectiveness of weed control.
- Within the plant site, both buffel grass but particularly kapok should be controlled. Lower
 priority can be given to gravelled areas, and high priority to the outer boundaries of the
 plant site particularly along the northern and western boundaries.
- Control methods and timing should be undertaken according to a Weed Management Plan which will indicate best times for treatment.
- The eastern and southern area outside the plant site area should be monitored at appropriate times and following sufficient rainfall to check for any new weed incursions only. Control is not considered viable in this area.
- A weed audit to check for new weed incursions and to assess the effectiveness of weed treatment should be done annually as dictated by a Weed Management Plan.

9. References

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- Australian Weeds Committee 2012, *Weeds of National Significance 2012*, Department of Agriculture, Fisheries and Forestry, Canberra.
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- Trudgen, ME. 2002, A flora, vegetation and floristic survey of the Burrup Peninsula, some adjoining areas and part of the Dampier Archipelago, with comparisions to the floristics of areas on the adjoining mainland. Unpublished report prepared for the Department of Mineral and Petroleum Resources, 2002.
- Trudgen, ME, 1988, A report of the flora and vegetation of the Port Kennedy Area. Unpublished report to Bowman, Bishaw and Associates.

APPENDIX A Vegetation Description Scale and Vegetation Condition Scale

Vegetation Structural Classes¹

Stratum	Canopy Cover (%)					
	70-100%	30-70%	10-30%	2-10%	<2%	
Trees over 30 m	Tall closed forest	Tall open forest	Tall woodland	Tall open woodland	Scattered tall trees	
Trees 10-20 m	Closed forest	Open forest	Woodland	Open woodland	Scattered trees	
Trees under 10 m	Low closed forest	Low open forest	Low woodland	Low open woodland	Scattered low trees	
Shrubs over 2 m	Tall closed scrub	Tall open scrub	Tall shrubland	Tall open shrubland	Scattered tall shrubs	
Shrubs 1-2 m	Closed heath	Open heath	Shrubland	Open shrubland	Scattered shrubs	
Shrubs under 1 m	Low closed heath	Low open heath	Low shrubland	Low open shrubland	Scattered low shrubs	
Hummock grasses	Closed hummock grassland	Hummock grassland	Open hummock grassland	Very open hummock grassland	Scattered hummock grasses	
Grasses, Sedges Herbs	Closed tussock grassland / bunch grassland/ sedgeland / herbland	Tussock grassland / bunch grassland /sedgeland / herbland	Open tussock grassland / bunch grassland /sedgeland / herbland	Very open tussock grassland / bunch grassland /sedgeland / herbland	Scattered tussock grasses / bunch grasses/ sedges/ herbs	

¹Vegetation descriptions are based on Muir(1977) and Aplin's (1979) modification of the vegetation classification system of Specht (1970): Aplin T.E.H. (1979). The Flora. Chapter 3 in O'Brien B.J. (ed) 1979 *Environment and Science* University of Western Australia Press.

Vegetation Condition Scale¹

E = Excellent

Pristine or nearly so; no obvious signs of damage caused by the activities of man.

VG = Very Good

Some relatively slight signs of damage caused by the activities of man. For example, some signs of damage to tree trunks caused by repeated fire, the presence of some relatively non-aggressive weeds, or occasional vehicle tracks.

G = Good

More obvious signs of damage cuased by the activities of man, including some obvious impact on the vegetation structure such as that caused by the low levels of grazing or by selective logging. Weeds as above plus some more aggressive weeds.

P = Poor

Still retains some basic vegetation structure or ability to regenerate to it after very obvious impacts of activities of man, such as grazing, partial clearing (chaining) or frequent fires. Weeds as above plus some more aggressive weeds.

VP = Very Poor

Severely impacted by grazing, very frequent fires, clearing or a combination of these activities. Scope for some regeneration but not to a state approaching good condition without intensive management. Usually with a number of weed species including very aggressive species.

D = Completely Degraded Areas that are completely or almost completely without any native species in the structure of their vegetation: ie areas that are cleared or "parkland cleared" with their flora comprising weed or crop species with isolated native trees or shrubs.

¹Vegetation Condition Scale is based on Trudgen M.E. (1988). A Report on the Flora and Vegetation of the Port Kennedy Area. Unpublished report prepared for Bowman, Bishaw and Associates West Perth.

APPENDIX B Weed Classifications

Weed Classifications

Weeds of National Significance (WONs)

Thirty-two WoNS have been agreed by the Australian State and Territory governments, based on the weed species' invasiveness, potential for spread and environmental, social and economic impacts (Australian Government, 2011). In Western Australia, many WoNS are also declared pests under the BAM Act.

Declared Pests

The Department of Agriculture and Food Western Australia (DAFWA) regulates weeds under the Biosecurity and Agriculture Management Act 2007 (BAM Act), which supersedes the Agriculture and Related Resources Protection Act 1976. Weeds are grouped into four main classifications (Table 1).

Table A.4: Categorisation of plants under the BAM Act

Category	Description
Permitted organisms under section 11	Organisms that are allowed entry into Western Australia
Prohibited organisms under section 12	Organisms that are prohibited from entry into Western Australia
Unlisted organisms under section 14	If an organism cannot be categorised as either permitted or prohibited the organism will be unlisted
Declared pest under section 22	Pests that may be in the State but are under official containment, control or eradication

Plants that are prevented entry into the State or have control or keeping requirements within the State are declared pests. Declared pests can be assigned to a C1, C2 or C3 category under the BAM Act Regulations 2013. Prohibited organisms can be assigned to a C1 or C2 control category (Table 2).

Table A.5: Categories of declared pests under the BAM Act regulations.

Category	Description
C1 Exclusion	Plants which should be excluded from part or all of Western Australia.
C2 Eradication	Plants which should be eradicated from part or all of Western Australia.
C3 Management	Plants that should have some form of management applied that will alleviate the harmful impact of the plant, reduce the numbers or distribution of the plant or prevent or contain the spread of the plant.

Landholders, managers and occupiers of land are responsible for the management declared pests on their land. The Western Australian Organisms List contains information on the area(s) in which a pest is declared and the control and keeping categories to which it has be assigned in Western Australia.

Environmental Weeds

The Weed Prioritisation Process for the Department of Parks and Wildlife (Parks and Wildlife) prioritise weeds in each Parks and Wildlife region. The process ranks weeds based on their invasiveness, ecological impact, potential and current distribution and the feasibility for control. Within each region, each weed species has been ranked by risk (Table 3) (Parks and Wildlife, 2013).

Table A.6: Weed species rankings (Parks and Wildlife, 2013).

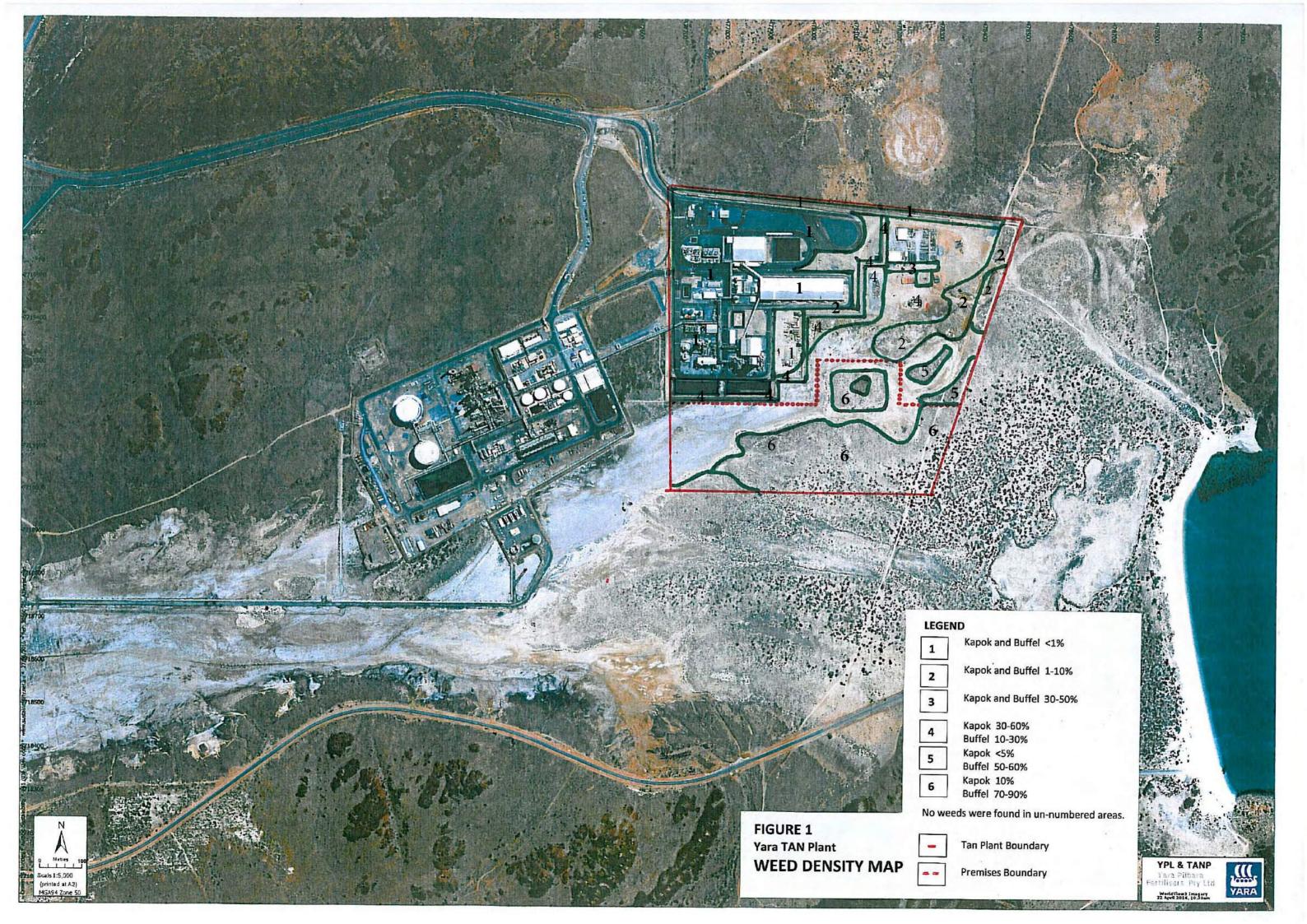
Weed Species Ranking	Objective
VH – Very High	Eradication
H - High	Eradication or control to reduce
M – Medium	Control to reduce or containment
L – Low	Containment at key sites only
N - Negligible	No action to be undertaken but may include monitoring only

The weed ranking includes examples of management actions that may be appropriate. Management actions that can be applied are presented in (Table 4) (Parks and Wildlife 2013).

Table A.7: Examples of management actions that may be considered for each ranking (Parks and Wildlife, 2013).

Management Code	Explanation
А	No action (the weed species ranking is so low as to not warrant any investment in regional strategic management actions)
В	Monitor only (aims to detect any significant changes in the species' weed risk or management ability)
С	Improve general weed management (aims to minimise weed impact and maintain the overall biodiversity, social, cultural and economic values on the region through improved general weed management
D	Protect priority sites (aims to prevent spread of weed species to key sites/assets of high biodiversity, social, cultural or economic value)
E	Targeted control to reduce infestations at priority sites (may include biocontrol) (aims to significantly reduce the impact of a weed species on key sites/assets of high biodiversity, social, cultural or economic value through targeted management)
F	Contain regional spread (aims to prevent the ongoing spread of the weed species in the region)
G	Reduce regional infestations (may include biocontrol) (aims to significantly reduce the extent of the weed species in the region)
Н	Regional eradication (aims to remove the weeds species from the region)
1	State-wide eradication (aims to remove the weed species from the State)

APPENDIX C Weed Map







2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 8D.1

Letter to OEPA, dated 6 December 2016, notifying results of December 2016 Groundwater Monitoring Results.



6th December 2016

Our Reference: 200-200-LET-EPA-0010

Your Reference: 2013-0000239827:ST02-2013-004

Chief Executive Officer
Attention: Matt Spence, Senior Environmental Officer
Office of the Environmental Protection Authority
Locked Bag 10
East Perth WA 6892

Email: matt.spence@epa.wa.gov.au, compliance@epa.wa.gov.au

Dear Sir,

Subject: Report to OEPA for Groundwater Monitoring Results as per Condition 8 of Ministerial Statement No. 870

This letter is further to our letter of 1 September 2016 and to inform the OEPA on the outcomes of the latest groundwater monitoring undertaken by Yara Pilbara Nitrates Pty Ltd (YPN) at the Technical Ammonium Nitrate (TAN) plant as required by Conditions 8-4 and 8-5 of Ministerial Statement 870.

Condition 8-4 The proponent shall sample/monitor all groundwater bores required by Condition 8-3 every six months and shall set groundwater monitoring trigger values at a value of 10% above the baseline contaminant concentrations obtained from the hydrogeological studies required by condition 8-1.

Condition 8-5 In the event that monitoring required by condition 8-4 indicates an exceedance of trigger levels: 1. The proponent shall report such findings to the CEO within 7 days of the exceedance being identified; 2. The proponent shall provide evidence which allows determination of the cause of the exceedance; 3. If determined by the CEO to be project attributable, the proponent shall submit actions to be taken to address the exceedance within 7 days of the determination being made to the CEO; 4. The proponent shall implement actions to address the exceedance and shall continue until such time as the CEO determines that the remedial actions may cease; and 5. The proponent shall submit bi-annually, or at a frequency defined to the satisfaction of the CEO, the results of monitoring required by condition 8-4 to the CEO, until such time as the CEO determines that reporting may cease.



YPN has reported results to OEPA of previous monitoring regularly, as ongoing monitoring continues to show substantial variation that are considered to be reflective of a natural variability rather than a result of site related potential contamination sources as a result of ongoing construction activities.

Since our correspondence to the OEPA in September 2016, the following has occurred:

- An additional round of monitoring as undertaken on 1 and 3 September 2016 at MW1, MW2, MW3 and MW5. Key results are:
 - Total Nitrogen values at MW1 (12,000μg/L), MW5 (5,700μg/L) as well as MW2 (14,000μg/L) have exceeded the trigger value (5,610μg/L).
 - Total alkalinity value at MW3 (598mg/L) is slightly higher than the trigger value (561mg/L) and is within the range recorded at this bore since April 2015 (553-598mg/L)
- New sampling equipment has been procured and commissioned enabling sampling of MW4 to recommence.
- A scheduled 6-monthly round of monitoring of all monitoring wells was undertaken on 22 November 2016. Key results are:
 - Total Nitrogen values at MW1 (12,000μg/L), MW2 (12,000μg/L) MW5 (5,800μg/L) have exceeded the trigger value (5,610μg/L).
 - Total alkalinity value at MW3 (564mg/L) and MW5 (630mg/L) is slightly higher than the trigger value (561mg/L).
 - Total manganese value at MW4 (1.4mg/L) has exceeded the trigger value (0.242mg/L), but is lower than a previously recorded maximum in October 2014 (3.29mg/L).
- Investigation into potential sources of the elevated Total Nitrogen level is continuing. MW1 is at the upgradient side of plant site and samples groundwater that flows onto the TAN plant site. In accordance with Notice of Desktop Audit of Statement 870 (dated 21 November 2016) results of investigations will be provided to OEPA by 31 January 2017.

Attached to this letter is a summary table showing the 2016 groundwater monitoring results as well as the historical monitoring data, to enable a review of the variability of the parameters over time since 2011.

Yours Sincerely,

Brian HOWARTH

0304

HESQ Manager

Yara Pilbara Nitrates

Units Current Trigger Level MW1	PH units 6-8.4 6.95 6.86 6.90 7.09 7.26 6.71 5.60 7.13 7.44 7.31 7.22 7.90 7.90 7.80 7.16 6.78 6.83 7.12 7.28 5.34 6.90 7.03 7.90 7.7 7.5 7.30 7.22 7.18 7.47 7.32 6.17	units mg 3.4 143, 95 2,0 96 690 99 26 671 13 98 98 1,0 16 2,0 88 99 99 1,7 17 30 1,6 19 9,8 19 90 1,7 17 30 9,8 18 47	940 990 2,000 940 995 981 1,010 1,110 1,100 890 950 2,040 1,550 1,720 1,680 1,720 1,680 1,720 1,	mg/L 2,090 180 220 520 2,900 16 25 <5 <5 <5 440 200 <1 190 84 440 320 290 10 <5 <5 <5 240 14 5 280 230 270	mg/L 561 350 300 300 290 367 358 361 272 316 288 182 197 250 290 370 360 340 281 250 276 304 292 281 197 167 400 450 460	mS/m NA 197 200 162 166 306 498 1110	mg/L 0.04 <0.005 0.064 0.018 0.036 <0.005 <0.005	μg/L 40 38 18 5 53 15 5 32 114 5 5 31 5 5 5 5 5 5 5 5 5	mg/L 95,700 780 710 670 600 570 560 300 345 366 374 394 428 281 294 930 1,200 1,400 1,300 1,000 811 1,1000 730 771 758 692 750 1350 3810	mg/L 1.70 2.00 1.10 1.90 2.20 0.09 1.60 2.24 0.25 10.00 12.00 3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	mg/L 9.57 8.70 4.70 <0.05 2.50 2.70 2.80 2.70 5.50	μg/L 5,600 2,500 3,400 2,100 1,500 2,400 2,400 2,400 2,620 3,040 260 3,100 12,000 12,000 1,400 880 1,100 700 700 720 2,700 4,960 2,720 4,350 6,840	mg/L NA <0.002 0.008 0.003 0.003 0.004 0.007 0.006 0.018 0.014 0.010 0.004 <0.002 <0.002 <0.002 <0.003 0.003 0.003 0.003 0.001	mg/L NA <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	mg/L 5,720 170 150 140 100 120 59 75 119 103	mg/L 0.021 0.002 0.002 0.005 <0.005 <0.005 <0.006 0.010 <0.006 0.010 <0.005 0.001 0.005	mg/L NA NB/L NB	Caqminm (Litered) (Litered) (Litered) (All properties of the prope	mg/L 1210 200 170 180 160 160 66 57 88 92 98 102 70.8 72.4 99 150 240 160	mg/L NA <0.001 <0.001 <0.001 <0.001 <0.001 <0.0001 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	mg/L NA <0.002 <0.001 <0.001 <0.0002 <0.005 <0.005 <0.005 <0.005	mg/L NA <0.005 <0.001 <0.001 <0.001 <0.001 <0.0001 <0.0001 <0.0001 <0.0005 <0.005 <0.005 <0.005	mg/L NA 0.0010 <0.0005 <0.0005 <0.0005 <0.0005 <0.0001 <0.0005 <0.0001 <0.0002 <0.0001 <0.0005	mg/L 1.80 4.20 30.00 14.00 0.39 1.47 0.57 0.33 0.32 0.42 <0.005	mg/L 0.26 0.008 <0.005 <0.005 <0.005 <0.005 0.437 0.430 0.052 0.044 <0.005 1.000 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005	mg/L NA <0.001 <0.0001 <0.0001 <0.0001 <0.0002 0.006 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	mg/L 5170 63 54 53 51 49 49 29 31 32 33 33 24.5 23.9 66 98 140 94 87	mg/L 0.242 0.170 0.046 0.088 0.038 0.170 0.087 0.425 0.272 0.204 0.080 0.009 0.240 0.065 0.004 0.005 0.001 0.220 0.010 0.210	mg/L 0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	mg/L NA <0.001 <0.001 <0.001 <0.001 <0.0001 <0.0001 0.0001 0.0001 0.0005 0.0002 0.0005 <0.001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	mg/L 0.052 0.016 0.027 0.038 0.000 0.010 0.005 <0.001 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.001 0.001 0.005
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1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7	940 995 981 1,010 1,110 890 950 2,000 2,040 1,550 1,650 1,720 1,680 1,700 3000 7200	220 520 2,900 16 25 <5 <5 <5 440 200 <1 190 84 440 320 290 10 <5 <5 <5 240 14 5	320 300 300 300 290 367 358 361 272 316 288 182 197 250 290 300 370 360 340 281 250 276 304 292 281 197 167 400 450 460	200 162 166 306 498	0.064 0.018 0.036 <0.005	18	710 670 600 570 560 300 345 366 374 394 428 281 294 930 1,200 1,400 1,300 1,000 730 771 758 692 750	2.00 1.10 1.90 2.20 0.09 1.60 0.16 2.24 0.25 10.00 12.00 3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	4.70 <0.05	3,400 2,100 1,500 2,000 2,400 2,620 3,040 260 3,100 12,000 1,400 880 1,100 700 700 4,960 2,720 4,350 6,840	0.008 <0.002 0.003 0.003 0.004 0.007 0.006 0.018 0.014 0.010 0.004 <0.002 <0.002 <0.002 0.003 0.003 0.003	<0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.1 <0.5 <0.5 <0.5 <1.5 <1.5 <1.5 <1.5 <1.5 <1.5 <1.5 <1	150 140 100 100 120 59 75 119 103	0.002 0.002 0.005 <0.005 0.006 <0.005 0.018 0.006 0.610 <0.005 0.011 <0.005 0.005 0.005 0.002 0.002 0.002	 <0.001 	 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.00005 <0.00005 <0.0001 	170 180 170 160 160 66 57 88 92 98 102 70.8 72.4 99 150 240	<0.001 <0.001 <0.001 <0.001 <0.0001 <0.0002 <0.0002 <0.0002 <0.0002 <0.0005 <0.0005 <0.001 <0.001 <0.001 <0.001	<0.001 <0.001 0.002 <0.005 <0.005	<0.001 <0.001 <0.0001 <0.0001 <0.0001 <0.005 <0.005	<0.0005 <0.0005 <0.0005 0.0050 <0.001 <0.002	4.20 30.00 14.00 0.39 1.47 0.57 0.33 0.32 0.42 <0.005	<0.005 <0.005 0.009 <0.005 0.437 0.430 0.052 0.044 <0.005 1.000 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <	<0.001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0002 0.006 <0.0001 <0.0001	54 53 51 49 49 29 31 32 33 33 33 24.5 23.9 66 98 140 94	0.046 0.088 0.038 0.170 0.087 0.425 0.272 0.204 0.080 0.009 0.240 0.065 0.004 0.005 0.001 0.220 0.010	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	 <0.001 <0.001 <0.001 <0.001 <0.0005 <0.001 <0.005 <0.005 <0.005 <0.001 	0.027 0.038 0.008 0.010 0.010 0.005 <0.001 0.005 0.005 0.009 0.013 0.021 0.047 0.021 0.017
9/04/2014 30/10/2014 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 3/09/2016 22/11/2016 MW2 30/04/2011 20/09/2011 27/02/2012 11/10/2013 9/04/2014 30/10/2014 30/10/2014 30/10/2015 23/11/2015 14/06/2016 9/08/2016 1/09/2016 22/11/2016 MW3 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2014 30/04/2014 30/04/2015 23/11/2016 MW3 30/04/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/04/2015 23/11/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	7.13 7.44 7.31 7.22 7.90 7.80 7.16 6.78 6.83 7.12 7.28 5.34 6.90 6.98 7.14 7.19 7.03 7.90 7.7 7.5 7.32	133 993 444 98 98 1,0 1,0 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1	995 981 ,,010 ,,110 ,,110 890 950 2,000 2,000 2,040 1,550 1,650 1,720 1,680 1,700 3000 7200	<5 <5 <5 <5 440 200 <1 190 84 440 320 290 10 <5 <5 <5 240 14 5 280 230	358 361 272 316 288 182 197 250 290 300 370 360 340 281 250 276 304 292 281 197 167 400 450 460	200 162 166 306 498	<0.005	114 5 31 5 <10 <10 200 5 30 5 5 5 5 5 5 5 5 5 5 5 5 5	345 366 374 394 428 281 294 930 1,200 1,300 1,000 811 1,100 730 771 758 692 750	1.60 0.16 2.24 0.25 10.00 12.00 3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	2.70 2.80 2.70	2,090 2,620 3,040 260 3,100 12,000 3,900 1,400 880 1,100 700 720 2,700 4,960 2,720 4,350 6,840	0.006 0.018 0.014 0.010 0.004 0.004 <0.002 <0.002 <0.002 0.003 0.003 0.007	<0.1 <0.1 <0.1 <0.1 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	75 119 103 170 210 220 180 170 200	 <0.005 0.018 0.006 0.610 <0.005 0.011 <0.005 0.002 0.005 0.002 0.006 <0.005 	0.001 0.001 0.000 0.001 0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001	<0.00005 <0.00005 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	57 88 92 98 102 70.8 72.4 99 150 240	<0.0002 <0.0002 <0.0002 <0.0005 <0.005 <0.001 <0.001 <0.001 <0.001 <0.001	<0.001 0.002 <0.005 <0.005	<0.001 <0.001 <0.0001 <0.001 <0.005 <0.005	<0.0005 <0.0005 0.0050 <0.001 <0.002	0.57 0.33 0.32 0.42 <0.005 6.00 4.60 12.00	0.430 0.052 0.044 <0.005 1.000 <0.005 <0.005 <0.005 <0.005 0.240 <0.005	<0.0001 <0.0001 <0.0001 <0.0002 0.006 <0.0001 <0.0001	31 32 33 33 33 24.5 23.9 66 98 140 94	0.272 0.204 0.080 0.009 0.240 0.065 0.004 0.005 0.001 0.220 0.010	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	<0.0005 0.001 0.001 0.001 0.005 0.002 0.005 <0.001 <0.001 <0.001	 <0.001 0.009 0.003 <0.005 0.052 0.005 0.009 0.013 0.021 0.047 0.021 0.017
22/11/2016 MW2 30/04/2011 20/09/2011 27/02/2012 11/10/2013 17/04/2013 17/10/2013 9/04/2014 30/10/2014 30/10/2015 23/11/2015 14/06/2016 9/08/2016 1/09/2011 27/02/2012 11/10/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2014 30/04/2014 30/04/2015 23/11/2016 MW3 30/04/2011 27/02/2012 11/10/2013 9/04/2014 30/04/2015 23/11/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	7.80 7.16 6.78 6.83 7.12 7.28 5.34 6.90 6.98 7.14 7.19 7.03 7.90 7.7 7.5 7.30 7.22 7.18 7.47	880 95 16 2,0 78 83 31 12 28 34 90 2,0 998 1,5 14 1,6 1,7 03 1,6 90 1,7 30 1,7 30 9,8 15 72 9,8	2,040 1,550 1,650 1,720 1,680 1,700	<1 190 84 440 320 290 10 <5 <5 <5 240 14 5 280 230	197 250 290 300 370 360 340 281 250 276 304 292 281 197 167 400 450 460	306 498	<0.005	<10 200 5 30 5 5 5 5 5 17 5 10 <10	294 930 1,200 1,400 1,300 1,000 811 1,100 730 771 758 692 750	12.00 3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	2.80 2.70	12,000 3,900 1,400 880 1,100 700 720 2,700 4,960 2,720 4,350 6,840	0.004 <0.002 <0.002 <0.002 0.003 0.003 0.007	<0.5 <0.5 <0.5 <0.5 <0.1	210 220 180 170 200	<0.005 0.005 0.002 0.005 0.002 0.006 <0.005	<0.001 <0.001 <0.001 <0.001 <0.001 <0.001	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001	72.4 99 150 240	<0.001 <0.001 <0.001 <0.001	<0.005	<0.005		4.60 12.00	<0.005 <0.005 <0.005 0.240 <0.005	<0.0001	23.9 66 98 140 94	0.004 0.005 0.001 0.220 0.010	<0.0001	<0.005 <0.001 <0.001 <0.001 <0.001	0.009 0.013 0.021 0.047 0.021 0.017
27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/10/2014 30/04/2015 23/11/2015 14/06/2016 1/09/2016 22/11/2016 MW3 30/04/2011 20/09/2011 27/02/2012 11/10/2013 9/04/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2016 22/11/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	6.83 7.12 7.28 5.34 6.90 6.98 7.14 7.19 7.03 7.90 7.7 7.5 7.30 7.22 7.18 7.47	883 12 28 34 998 1,5 14 1,6 19 1,7 03 1,6 90 1,7 30 1,7 30 9,8 1,5 72 1,8 1,9 1,9 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7	1,550 1,650 1,720 1,680 1,700 3000 7200	84 440 320 290 10 <5 <5 <5 <5 240 14 5	300 370 360 340 281 250 276 304 292 281 197 167 400 450 460	498	<0.005	30 5 5 5 5 5 5 5 7 5 17 5 10	1,400 1,300 1,000 811 1,100 730 771 758 692 750	0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	2.80 2.70	880 1,100 700 720 2,700 4,960 2,720 4,350 6,840	<0.002 <0.002 <0.002 0.003 0.003 0.007	<0.5 <0.5 <0.5 <0.5 <0.1	220 180 170 200	0.005 0.002 0.006 <0.005	<0.001 <0.001 <0.001 <0.001	<0.0001 <0.0001	240	<0.001				4.60 12.00	0.240 <0.005		140 94	0.220 0.010		<0.001 <0.001 <0.001	0.047 0.021 0.017
1/09/2016 22/11/2016 22/11/2016 MW3 30/04/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	7.5 7.30 7.22 7.18 7.47 7.32	.5 72 30 9,8 22 18 47	7200	5 280 230	167 400 450 460					13		5,900	0.008	<0.1 <0.1 <0.1	135 138 163 180	<0.005 <0.005 0.017 <0.005 <0.005 <0.005	<0.0002 <0.0002 <0.0002 0.000 <0.0005 <0.001	<0.00005 0.0003 <0.00005 <0.00005 <0.00005 <0.0001 <0.0001	150 112 160 71 98 103 94 93	<0.001 <0.001 <0.0002 <0.0002 <0.0002 <0.0002 <0.0005 <0.005	<0.001 <0.001 <0.001	<0.001 <0.001 <0.001 <0.0001 <0.0001	<0.001 <0.0005 <0.0005 <0.0005 0.0015 <0.001 0.0004	15.00 5.20 0.06 <0.05 <0.05 0.14 <0.05	<0.005 <0.002 <0.002 <0.002 0.004 <0.005 <0.005	<0.001 <0.0001 <0.0001 <0.0001 0.000 <0.0002 <0.0001	100 76 57 64 66 57 60	0.012 <0.0005 0.001 0.002 0.001 <0.0005 0.010	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001	<0.001 <0.0005 <0.0005 <0.0005 0.001 <0.0005 <0.001	0.012 <0.001 <0.001 0.006 0.021 <0.005 0.006
20/09/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	7.22 7.18 7.47 7.32	22 18 47	9,800	230	450 460	!		5/		12		13,000 14,000 12,000				<0.005 <0.005	<0.001 <0.005	<0.0001 <0.0005	167 508	<0.001 <0.001	<0.005 <0.005	<0.005	0.0001 <0.0005		<0.005 <0.005	<0.0001 <0.0005	106 310	<0.001	<0.0001 <0.0001	<0.001 <0.005	0.006 0.005
20/09/2011 27/02/2012 11/10/2012 6/03/2013	7.19 7.50 7.97 7.36	17 19 7,2 50 9,0 97 6,5 36 7,0 31 7,6 80 8,3	7,280 9,050 5,520 7,020 7,620 8,300 7900	180 470 54 6 <5 <5 <5 300 41 <1	540 470 479 466 533 570 582 593 553 598 564	1,450 1,580 1,350 1,760	<0.005 0.015 <0.005	57 5 12 5 770 5 5 5 5 19 10 <10 <10 <10	5,400 3,700 4,000 4,200 5,900 28,000 3,140 5,000 3,480 3,780 3,980 4,640	1.90 0.32 0.12 0.26 0.03 0.61 0.46 0.18 2.37 2.03	1.40 0.51 1.10	2,600 220 610 330 420 1,500 530 840 400 3,260 3,360 2,100 4200 3300	0.003 0.006 <0.002 0.003 0.003 0.006 <0.001 0.009 0.021 0.020	<0.5 <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.1	800 810 940 710 670 1,400 647 537 475 548	0.013 0.019 0.005 <0.01 <0.025 0.021 <0.005 0.024 <0.005 0.013 0.067 <0.005 <0.005 <0.005	<0.005 <0.005 <0.005 <0.01 <0.005 <0.01 0.001 0.001 0.001 0.001 <0.005 <0.005 <0.005	 <0.0005 <0.0005 <0.0005 <0.001 <0.0005 <0.0005 <0.0005 <0.00005 	120 85 95 100 130 350 91 104 68 75 78 90	<0.005 <0.005 <0.005 <0.01 <0.005 <0.01 <0.0002 <0.0002 <0.0004 0.0003 <0.0005 <0.005 <0.001	<0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.005 <0.005	<0.005 <0.001 <0.001 <0.001 0.0003 <0.001 <0.005 <0.005	<0.01 0.0005 0.0017 0.0014 0.0006 0.0020 <0.002 <0.0002	7.40 6.80 5.80 6.30 21.00 <0.05 <0.05 <0.05 0.08	<0.025 <0.025 <0.025 <0.05 <0.025 0.520 0.010 <0.005 <0.002 0.055 0.079	<0.005 <0.001 <0.0001 <0.0001 <0.0001 <0.0002 0.001 <0.0005 <0.0005	300 210 210 260 340 910 232 286 196 208 214 250	0.022 0.014 0.026 0.027 0.018 1.700 0.004 0.013 0.002 0.013 0.102 0.150 0.022 0.078	<0.00005 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	<0.005 <0.005 <0.001 <0.001 <0.001 <0.0005 0.001 <0.0005 <0.0005 <0.0005 <0.0005 <0.0005 <0.0005	0.020 0.047 0.032 0.031 <0.025 <0.001 <0.001 0.025 0.003 0.012 0.010
17/10/2013 9/04/2014 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016	7.66 4.32 6.99 7.15 6.81	58 50 66 32 136, 99 88,3 15 41,(81 134,	36,000 8,300 1,000 34,000 28,000	670 1,900 2,900 210 74 43 14 201 133	510 370 390 420 390 109 148 317 118 203		<0.005 <0.005	740 18 5 5 5 877 14 5 5 5	3,900 2,500 3,200 3,700 4,700 69,800 49,000 25,700 38,600 72,200	0.82 0.17 0.44 0.24 2.89 4.07 2.17 0.44 1.21	0.74 1.90	2,100 540 760 1,200 730 3,600 7,870 3,160 410 1,430	0.008 0.009 0.007 0.007 0.010 <0.001 <0.001 0.009 0.004 0.009	<0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1	350 280 410 380 440 3,540 2,290 5,960 4,070	<0.005 <0.005 <0.005 <0.01 0.031 <0.025 <0.025 0.013 <0.025 <0.005	<0.005 <0.005 <0.005 <0.01 <0.005 <0.0025 0.002 <0.0025	<0.0005 <0.0005 <0.0005 <0.001 <0.0005 <0.001 <0.0001 <0.0004 <0.001 0.0005	39 28 49 69 94 972 598 248 1,120 1,020	<0.005 <0.005 <0.005 <0.01 <0.005 <0.0025 <0.0025 0.0018 0.0040 0.0051	<0.002 <0.01 0.0050	<0.005 <0.02 <0.001 <0.001 0.0040 <0.001	<0.005 0.0050 <0.005 <0.002 <0.005 0.0030	31.00 130.00 130.00 7.40 1.63 <0.5 1.02 6.76 4.71	<0.025 <0.025 <0.025 <0.05 <0.025 <0.025 0.034 0.019 <0.025 <0.005	<0.005 <0.005 <0.001 <0.001 <0.0004 <0.001 0.000	100 68 96 150 190 3,900 2,210 921 4,590 3,960	0.014 0.011 0.033 0.041 0.120 0.277 0.003 0.075 3.290 0.098	<0.00005 <0.0001 <0.0001 <0.0001 <0.0001	<0.005 <0.005 <0.01 <0.005 0.048 0.035 0.021 0.037 0.034	0.010 0.029 0.047 0.012 <0.025 <0.025 0.042 0.042 <0.025 0.006
1/09/2016 22/11/2016	7.1	.1 140	40000	200	123	13600		<100	74700	0.68		970				<0.025	<0.050	<0.0050	982	<0.005	<0.005	<0.025	<0.0050		<0.025	<0.0050	4050	1.4	<0.0001	<0.050	<0.025
MW5 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016	6.55 6.62 6.90 6.84 6.21 6.77 7.08	555 662 990 884 21 777 75,4 08 47,; 224 33,2 25,2 25,4 19,4	5,400 7,100 3,200 5,400 9,400 7,000	1,100 1,400 2,600 660 1,600 63 78 <5 154 119 49	370 210 150 160 170 170 207 275 351 397 638 485	2,750 2,330 2,460	<0.005 0.750 1.200	56 47 5 620 1,000 5 5 18 5 20 15 <10	87,000 87,000 80,000 77,000 64,000 58,000 40,500 25,700 20,500 16,300 10,600 9,300	1.10 1.20 1.10 1.30 1.60 3.29 1.54 1.02 1.00 1.44	5.50 4.70 6.00	5,100 2,700 3,400 1,800 3,400 2,600 3,460 4,170 1,340 1,870 4,490 5,400	0.007 0.010 0.006 0.005 0.007 0.014 0.005 0.002 0.013 0.016 0.003	<0.5 <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1	5,200 4,100 4,400 3,500 3,800 3,300 2,110 1,800 1,510 1,200	<0.05 <0.1 <0.1 <0.05 <0.25 0.300 <0.01 0.086 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005	<0.05 <0.1 <0.01 <0.05 <0.05 <0.05 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001	<0.005 <0.01 <0.01 <0.005 <0.005 <0.005 <0.0004 <0.0004 <0.0002 <0.0002 <0.0001 <0.0010	1,000 1,100 1,100 970 770 740 599 303 194 139 20 54	<0.05 <0.1 <0.1 <0.05 <0.05 <0.05 <0.05 0.0120 0.0070 0.0065 0.0030 <0.005 0.0040	<0.01 <0.01 0.0030 0.0040 <0.005	<0.005 <0.01 <0.001 <0.0030 0.0030 <0.005	<0.05 <0.002 <0.002 <0.001 0.0020 <0.001 <0.002	12.00 25.00 37.00 18.00 44.00 0.80 1.13 <0.25 4.80 0.59	<0.25 <0.5 <0.5 <0.25 <0.25 <0.25 <0.01 0.015 0.000 0.005	<0.05 <0.05 <0.0004 <0.0004 <0.0002 <0.0002 <0.0002 <0.0001 <0.0005	4,100 4,300 4,700 3,700 3,000 2,900 2,030 1,040 665 464 220 172	0.220 <0.1 <0.1 <0.05 <0.05 <0.05 0.001 0.003 0.002 0.005 0.002 0.013	<pre><0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001</pre>	<0.1 <0.05 <0.05 <0.05 <0.007 0.003 0.002 0.002 0.001 <0.0010	<0.05 <0.1 <0.05 <0.25 <0.25 <0.01 0.017 <0.005 0.020 <0.005 <0.005



2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 8D.2

December 2016 Groundwater results.

Units Current Trigger Level MW1	PH units 6-8.4 6.95 6.86 6.90 7.09 7.26 6.71 5.60 7.13 7.44 7.31 7.22 7.90 7.90 7.80 7.16 6.78 6.83 7.12 7.28 5.34 6.90 7.03 7.90 7.7 7.5 7.30 7.22 7.18 7.47 7.32 6.17	units mg 3.4 143, 95 2,0 96 690 99 26 671 13 98 98 1,0 16 2,0 88 99 99 1,7 17 30 1,6 19 9,8 19 90 1,7 17 30 9,8 18 47	940 990 2,000 940 995 981 1,010 1,110 1,100 890 950 2,040 1,550 1,720 1,680 1,720 1,680 1,720 1,	mg/L 2,090 180 220 520 2,900 16 25 <5 <5 <5 440 200 <1 190 84 440 320 290 10 <5 <5 <5 240 14 5 280 230 270	mg/L 561 350 300 300 290 367 358 361 272 316 288 182 197 250 290 370 360 340 281 250 276 304 292 281 197 167 400 450 460	mS/m NA 197 200 162 166 306 498 1110	mg/L 0.04 <0.005 0.064 0.018 0.036 <0.005 <0.005	μg/L 40 38 18 5 53 15 5 32 114 5 5 31 5 5 5 5 5 5 5 5 5	mg/L 95,700 780 710 670 600 570 560 300 345 366 374 394 428 281 294 930 1,200 1,400 1,300 1,000 811 1,1000 730 771 758 692 750 1350 3810	mg/L 1.70 2.00 1.10 1.90 2.20 0.09 1.60 2.24 0.25 10.00 12.00 3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	mg/L 9.57 8.70 4.70 <0.05 2.50 2.70 2.80 2.70 5.50	μg/L 5,600 2,500 3,400 2,100 1,500 2,400 2,400 2,400 2,620 3,040 260 3,100 12,000 12,000 1,400 880 1,100 700 700 720 2,700 4,960 2,720 4,350 6,840	mg/L NA <0.002 0.008 0.003 0.003 0.004 0.007 0.006 0.018 0.014 0.010 0.004 <0.002 <0.002 <0.002 <0.003 0.003 0.003 0.003 0.001	mg/L NA <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	mg/L 5,720 170 150 140 100 120 59 75 119 103	mg/L 0.021 0.002 0.002 0.005 <0.005 <0.005 <0.006 0.010 <0.006 0.010 <0.005 0.001 0.005	mg/L NA NB/L NB	Caqminm (Litered) (Litered) (Litered) (All properties of the prope	mg/L 1210 200 170 180 160 160 66 57 88 92 98 102 70.8 72.4 99 150 240 160	mg/L NA <0.001 <0.001 <0.001 <0.001 <0.001 <0.0001 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0002 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	mg/L NA <0.002 <0.001 <0.001 <0.0002 <0.005 <0.005 <0.005 <0.005	mg/L NA <0.005 <0.001 <0.001 <0.001 <0.001 <0.0001 <0.0001 <0.0001 <0.0005 <0.005 <0.005 <0.005	mg/L NA 0.0010 <0.0005 <0.0005 <0.0005 <0.0005 <0.0001 <0.0005 <0.0001 <0.0002 <0.0005	mg/L 1.80 4.20 30.00 14.00 0.39 1.47 0.57 0.33 0.32 0.42 <0.005	mg/L 0.26 0.008 <0.005 <0.005 <0.005 <0.005 0.437 0.430 0.052 0.044 <0.005 1.000 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005	mg/L NA <0.001 <0.0001 <0.0001 <0.0001 <0.0002 0.006 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	mg/L 5170 63 54 53 51 49 49 29 31 32 33 33 24.5 23.9 66 98 140 94 87	mg/L 0.242 0.170 0.046 0.088 0.038 0.170 0.087 0.425 0.272 0.204 0.080 0.009 0.240 0.065 0.004 0.005 0.001 0.220 0.010 0.210	mg/L 0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	mg/L NA <0.001 <0.001 <0.001 <0.001 <0.0001 <0.0001 0.0001 0.0001 0.0005 0.0002 0.0005 <0.001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	mg/L 0.052 0.016 0.027 0.038 0.000 0.010 0.005 <0.001 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.001 0.001 0.005
Current Trigger Level MW1 30/04/2011 20/09/2011 27/02/2012 11/10/2013 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 3/09/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/04/2015 23/11/2016 MW2 30/04/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2015 23/11/2016 MW3 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 27/02/2012 11/10/2012 6/03/2013	6-8.4 6.95 6.86 6.90 7.09 7.26 6.71 5.60 7.13 7.44 7.31 7.22 7.90 7.80 7.16 6.78 6.83 7.12 7.28 5.34 6.90 6.98 7.14 7.19 7.03 7.90 7.5 7.30 7.22 7.18 7.47	3.4 143, 95 2,0 96 99 99 99 26 71 99 26 71 13 95 144 98 15 14 1,0 97 166 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	940 995 981 ,010 1,110 1,110 1,110 2,000 2,000	2,090 180 220 520 2,900 16 25 <5 <5 440 200 <1 190 84 440 320 290 10 <5 <5 <5 <45 <40 200 <1 200 <1 200 <1 200 <1 200 <1 200 <1 200 <1 200 <200 200 200 200 200 200 200 200 20	561 350 320 300 300 290 367 358 361 272 316 288 182 197 250 290 370 360 340 281 250 276 304 292 281 197 167 400 450 460	197 200 162 166	0.04 <0.005 0.064 0.018	40 38 18 5 53 15 5 32 114 5 31 5 <10 <10 200 5 30 5 5 5 5 17 5 10 <10 <10	95,700 780 710 670 600 300 345 366 374 394 428 281 294 930 1,200 1,400 1,300 1,000 811 1,100 730 771 758 692 750	1.70 2.00 1.10 1.90 2.20 0.09 1.60 0.16 2.24 0.25 10.00 12.00 3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	9.57 8.70 4.70 <0.05 2.50 2.70 2.80 2.70	5,600 2,500 3,400 2,100 1,500 2,000 2,400 2,400 2,620 3,040 260 3,100 12,000 3,900 1,400 700 720 2,700 4,960 2,720 4,350 6,840	mg/L NA <0.002 0.008 <0.002 0.003 0.003 0.004 0.007 0.006 0.018 0.014 0.010 0.004 <0.002 <0.002 <0.002 <0.002 0.003 0.003 0.003	<pre></pre>	5,720 170 150 140 100 100 120 59 75 119 103	0.021 0.010 0.002 0.002 0.005 0.006 <0.005 0.018 0.006 0.006 0.006 0.001 <0.005 0.011 <0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005	NA <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 0.001 0.001 0.001 0.001 0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001	NA <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0004 <0.00005 <0.00005 <0.00005 <0.00001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	200 170 180 170 160 160 66 57 88 92 98 102 70.8 72.4 99 150 240	NA <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.0002 <0.0002 <0.0002 <0.0002 <0.0005 <0.0005 <0.001 <0.001 <0.001 <0.001 <0.001	NA <0.002 <0.001 <0.001 0.002 <0.005 <0.005	<0.005 <0.001 <0.001 <0.001 <0.0001 <0.0001 <0.0005 <0.005	0.0010 <0.0005 <0.0005 <0.0005 <0.0005 <0.0001 <0.0002	1.80 4.20 30.00 14.00 0.39 1.47 0.57 0.33 0.32 0.42 <0.005	0.26 0.008 <0.005 <0.005 <0.005 <0.005 <0.005 0.437 0.430 0.052 0.044 <0.005 1.000 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005	NA <0.001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0002 <0.006 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	5170 63 54 53 51 49 49 29 31 32 33 33 33 24.5 23.9 66 98 140 94	0.242 0.170 0.046 0.088 0.038 0.170 0.087 0.425 0.272 0.204 0.080 0.009 0.240 0.065 0.004 0.005 0.001 0.220 0.010	0.0001 <0.00005 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	NA <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.005 <0.002 <0.005 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001	0.052 0.016 0.027 0.038 0.008 0.010 0.010 0.005 <0.001 0.009 0.003 <0.005 0.052 0.009 0.013 0.021 0.047 0.021 0.017
MW1 30/04/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/10/2014 30/10/2016 9/08/2016 22/11/2016 MW2 30/04/2011 20/09/2011 27/02/2012 11/10/2013 9/04/2014 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 22/11/2016 MW2 30/04/2011 20/09/2011 27/02/2012 11/10/2013 9/04/2014 30/10/2014 30/04/2015 23/11/2015 14/06/2016 9/08/2016 1/09/2011 27/02/2012 11/10/2013 9/04/2011 20/09/2011 27/02/2012 11/10/2013 9/04/2014 30/04/2015 23/11/2015 14/06/2016 9/08/2016 1/09/2016 22/11/2016 MW3 30/04/2011 20/09/2011 27/02/2012 11/10/2013 9/04/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	6.95 6.86 6.90 7.09 7.26 6.71 5.60 7.13 7.44 7.31 7.22 7.90 7.80 7.16 6.78 6.83 7.12 7.28 5.34 6.90 6.98 7.14 7.19 7.03 7.90 7.5 7.30 7.25 7.30 7.25 7.30 7.25 7.30 7.30 7.30 7.30 7.30 7.30 7.30 7.30	95 2,0 95 2,0 96 2,0 97 2,0 98 2,0 99 26 71 99 26 71 99 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1	940 995 981 1,010 1,110 1,100 890 950 2,000 2,000	180 220 520 2,900 16 25 <5 <5 <5 440 200 <1 190 84 440 320 290 10 <5 <5 <5 240 14 5	350 320 300 300 290 367 358 361 272 316 288 182 197 250 290 300 370 360 340 281 250 276 304 292 281 197 167 400 450 460	197 200 162 166	<0.005 0.064 0.018 0.036 <0.005	38 18 5 53 15 5 32 114 5 31 5 <10 <10 200 5 30 5 5 5 5 17 5 10 <10 <10 <10 <10 <10 <10 <10 <10 <10	780 710 670 600 570 560 300 345 366 374 394 428 281 294 930 1,200 1,400 1,000 730 771 758 692 750	1.70 2.00 1.10 1.90 2.20 0.09 1.60 0.16 2.24 0.25 10.00 3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	8.70 4.70 <0.05	2,500 3,400 2,100 1,500 2,000 2,400 2,090 2,620 3,040 260 3,100 12,000 1,400 880 1,100 700 720 2,700 4,960 2,720 4,350 6,840	0.002 0.008 <0.002 0.003 0.003 0.004 0.007 0.006 0.018 0.014 0.010 0.004 <0.002 <0.002 <0.002 0.003 0.003	<0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.1 <0.5 <0.5 <0.5 <0.5	170 150 140 100 100 120 59 75 119 103	0.010 0.002 0.005 <0.005 <0.005 0.006 <0.005 0.018 0.006 0.006 0.005 0.011 <0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005	 <0.001 	 <0.0001 <0.0001 <0.0001 <0.0001 <0.0004 <0.00005 <0.00005 <0.00005 <0.0001 	200 170 180 170 160 160 66 57 88 92 98 102 70.8 72.4 99 150 240	 <0.001 <0.001 <0.001 <0.001 <0.001 <0.002 <0.0002 <0.0002 <0.0005 <0.005 <0.001 <0.001 <0.001 <0.001 	<0.002 <0.001 <0.001 0.002 <0.005 <0.005	<0.005 <0.001 <0.001 <0.0001 <0.0001 <0.0005 <0.005	<0.0005 <0.0005 <0.0005 0.0050 <0.001 <0.002	1.80 4.20 30.00 14.00 0.39 1.47 0.57 0.33 0.32 0.42 <0.005	0.008 <0.005 <0.005 <0.005 <0.005 <0.005 0.437 0.430 0.052 1.000 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005	<0.001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0002 0.0006 <0.0001 <0.0001	63 54 53 51 49 49 29 31 32 33 33 33 24.5 23.9 66 98 140 94	0.170 0.046 0.088 0.038 0.170 0.087 0.425 0.204 0.080 0.009 0.240 0.065 0.004 0.005 0.001 0.220 0.010	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	 <0.001 <0.001 <0.001 <0.001 <0.001 <0.005 <0.001 <0.001 <0.001 <0.001 <0.005 <0.002 <0.005 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 	0.016 0.027 0.038 0.008 0.010 0.010 0.005 <0.001 0.009 0.003 <0.005 0.052 0.005 0.009 0.013 0.021 0.047 0.021
20/09/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/04/2013 9/04/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 3/09/2011 27/02/2012 11/10/2013 17/10/2013 17/04/2013 17/10/2013 17/04/2013 17/10/2013 17/04/2015 23/11/2015 14/06/2016 9/08/2016 22/11/2016 MW3 30/04/2011 20/09/2011 27/02/2012 11/10/2013 17/04/2013 17/04/2013 17/10/2013 17/04/2013 17/04/2013 17/04/2015 23/11/2016 9/08/2016 1/09/2011 27/02/2012 11/10/2013 9/04/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016 22/11/2016 MW3 30/04/2011 27/02/2012 11/10/2013 9/04/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	6.86 6.90 7.09 7.26 6.71 5.60 7.13 7.44 7.31 7.22 7.90 7.80 7.16 6.78 6.83 7.12 7.28 5.34 6.90 6.98 7.14 7.19 7.03 7.90 7.7 7.5 7.30 7.22 7.18 7.47	866 90 90 99 26 71 990 1,1 990 85 88 95 16 2,0 88 83 34 990 2,0 98 1,5 199 1,7 72 9,8 85 9,8 14 1,6 1,7 990 1,7 72 9,8 85 9,8 14 1,6 1,7 990 1,7 72 9,8 85 9,8 1,5 1,7 9,9 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 9,8 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7	940 995 981 1,010 1,110 890 950 2,000 2,040 1,550 1,650 1,720 1,680 1,700 3000 7200	220 520 2,900 16 25 <5 <5 <5 440 200 <1 190 84 440 320 290 10 <5 <5 <5 240 14 5	320 300 300 300 290 367 358 361 272 316 288 182 197 250 290 300 370 360 340 281 250 276 304 292 281 197 167 400 450 460	200 162 166 306 498	0.064 0.018 0.036 <0.005	18	710 670 600 570 560 300 345 366 374 394 428 281 294 930 1,200 1,400 1,300 1,000 730 771 758 692 750	2.00 1.10 1.90 2.20 0.09 1.60 0.16 2.24 0.25 10.00 12.00 3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	4.70 <0.05	3,400 2,100 1,500 2,000 2,400 2,620 3,040 260 3,100 12,000 1,400 880 1,100 700 700 4,960 2,720 4,350 6,840	0.008 <0.002 0.003 0.003 0.004 0.007 0.006 0.018 0.014 0.010 0.004 <0.002 <0.002 <0.002 0.003 0.003 0.003	<0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.1 <0.5 <0.5 <0.5 <1.5 <1.5 <1.5 <1.5 <1.5 <1.5 <1.5 <1	150 140 100 100 120 59 75 119 103	0.002 0.002 0.005 <0.005 0.006 <0.005 0.018 0.006 0.610 <0.005 0.011 <0.005 0.005 0.005 0.002 0.002 0.002	 <0.001 	 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.00005 <0.00005 <0.0001 	170 180 170 160 160 66 57 88 92 98 102 70.8 72.4 99 150 240	<0.001 <0.001 <0.001 <0.001 <0.0001 <0.0002 <0.0002 <0.0002 <0.0002 <0.0005 <0.0005 <0.001 <0.001 <0.001 <0.001	<0.001 <0.001 0.002 <0.005 <0.005	<0.001 <0.001 <0.0001 <0.0001 <0.0001 <0.005 <0.005	<0.0005 <0.0005 <0.0005 0.0050 <0.001 <0.002	4.20 30.00 14.00 0.39 1.47 0.57 0.33 0.32 0.42 <0.005	<0.005 <0.005 0.009 <0.005 0.437 0.430 0.052 0.044 <0.005 1.000 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <	<0.001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0002 0.006 <0.0001 <0.0001	54 53 51 49 49 29 31 32 33 33 33 24.5 23.9 66 98 140 94	0.046 0.088 0.038 0.170 0.087 0.425 0.272 0.204 0.080 0.009 0.240 0.065 0.004 0.005 0.001 0.220 0.010	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	 <0.001 <0.001 <0.001 <0.001 <0.0005 <0.001 <0.005 <0.005 <0.005 <0.001 	0.027 0.038 0.008 0.010 0.010 0.005 <0.001 0.005 0.005 0.009 0.013 0.021 0.047 0.021 0.017
9/04/2014 30/10/2014 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 3/09/2016 22/11/2016 MW2 30/04/2011 20/09/2011 27/02/2012 11/10/2013 9/04/2014 30/10/2014 30/10/2014 30/10/2015 23/11/2015 14/06/2016 9/08/2016 1/09/2016 22/11/2016 MW3 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2014 30/04/2014 30/04/2015 23/11/2016 MW3 30/04/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/04/2015 23/11/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	7.13 7.44 7.31 7.22 7.90 7.80 7.16 6.78 6.83 7.12 7.28 5.34 6.90 6.98 7.14 7.19 7.03 7.90 7.7 7.5 7.32	133 993 444 98 98 1,0 1,0 1,1 1,1 1,1 1,1 1,1 1,1 1,1 1,1	995 981 ,,010 ,,110 ,,110 890 950 2,000 2,000 2,040 1,550 1,650 1,720 1,680 1,700 3000 7200	<5 <5 <5 <5 440 200 <1 190 84 440 320 290 10 <5 <5 <5 240 14 5 280 230	358 361 272 316 288 182 197 250 290 300 370 360 340 281 250 276 304 292 281 197 167 400 450 460	200 162 166 306 498	<0.005	114 5 31 5 <10 <10 200 5 30 5 5 5 5 5 5 5 5 5 5 5 5 5	345 366 374 394 428 281 294 930 1,200 1,300 1,000 811 1,100 730 771 758 692 750	1.60 0.16 2.24 0.25 10.00 12.00 3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	2.70 2.80 2.70	2,090 2,620 3,040 260 3,100 12,000 3,900 1,400 880 1,100 700 720 2,700 4,960 2,720 4,350 6,840	0.006 0.018 0.014 0.010 0.004 0.004 <0.002 <0.002 <0.002 0.003 0.003 0.007	<0.1 <0.1 <0.1 <0.1 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5	75 119 103 170 210 220 180 170 200	 <0.005 0.018 0.006 0.610 <0.005 0.011 <0.005 0.002 0.002 0.002 0.006 <0.005 	0.001 0.001 0.000 0.001 0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001	<0.00005 <0.00005 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	57 88 92 98 102 70.8 72.4 99 150 240	<0.0002 <0.0002 <0.0002 <0.0005 <0.005 <0.001 <0.001 <0.001 <0.001 <0.001	<0.001 0.002 <0.005 <0.005	<0.001 <0.001 <0.0001 <0.001 <0.005 <0.005	<0.0005 <0.0005 0.0050 <0.001 <0.002	0.57 0.33 0.32 0.42 <0.005 6.00 4.60 12.00	0.430 0.052 0.044 <0.005 1.000 <0.005 <0.005 <0.005 <0.005 0.240 <0.005	<0.0001 <0.0001 <0.0001 <0.0002 0.006 <0.0001 <0.0001	31 32 33 33 33 24.5 23.9 66 98 140 94	0.272 0.204 0.080 0.009 0.240 0.065 0.004 0.005 0.001 0.220 0.010	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	<0.0005 0.001 0.001 0.001 0.005 0.002 0.005 <0.001 <0.001 <0.001	 <0.001 0.009 0.003 <0.005 0.052 0.005 0.009 0.013 0.021 0.047 0.021 0.017
22/11/2016 MW2 30/04/2011 20/09/2011 27/02/2012 11/10/2013 17/04/2013 17/10/2013 9/04/2014 30/10/2014 30/10/2015 23/11/2015 14/06/2016 9/08/2016 1/09/2011 27/02/2012 11/10/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2013 17/04/2014 30/04/2014 30/04/2015 23/11/2016 MW3 30/04/2011 27/02/2012 11/10/2013 9/04/2014 30/04/2015 23/11/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	7.80 7.16 6.78 6.83 7.12 7.28 5.34 6.90 6.98 7.14 7.19 7.03 7.90 7.7 7.5 7.30 7.22 7.18 7.47	880 95 16 2,0 78 83 31 12 28 34 90 2,0 998 1,5 14 1,6 1,7 03 1,6 90 1,7 30 1,7 30 9,8 15 72 9,8	2,040 1,550 1,650 1,720 1,680 1,700	<1 190 84 440 320 290 10 <5 <5 <5 240 14 5 280 230	197 250 290 300 370 360 340 281 250 276 304 292 281 197 167 400 450 460	306 498	<0.005	<10 200 5 30 5 5 5 5 5 17 5 10 <10	294 930 1,200 1,400 1,300 1,000 811 1,100 730 771 758 692 750	12.00 3.30 0.62 0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	2.80 2.70	12,000 3,900 1,400 880 1,100 700 720 2,700 4,960 2,720 4,350 6,840	0.004 <0.002 <0.002 <0.002 0.003 0.003 0.007	<0.5 <0.5 <0.5 <0.5 <0.1	210 220 180 170 200	<0.005 0.005 0.002 0.005 0.002 0.006 <0.005	<0.001 <0.001 <0.001 <0.001 <0.001 <0.001	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001	72.4 99 150 240	<0.001 <0.001 <0.001 <0.001	<0.005	<0.005		4.60 12.00	<0.005 <0.005 <0.005 0.240 <0.005	<0.0001	23.9 66 98 140 94	0.004 0.005 0.001 0.220 0.010	<0.0001	<0.005 <0.001 <0.001 <0.001 <0.001	0.009 0.013 0.021 0.047 0.021 0.017
27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/10/2014 30/04/2015 23/11/2015 14/06/2016 1/09/2016 22/11/2016 MW3 30/04/2011 20/09/2011 27/02/2012 11/10/2013 9/04/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2014 30/10/2016 22/11/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	6.83 7.12 7.28 5.34 6.90 6.98 7.14 7.19 7.03 7.90 7.7 7.5 7.30 7.22 7.18 7.47	883 12 28 34 998 1,5 14 1,6 19 1,7 03 1,6 90 1,7 30 1,7 30 9,8 1,5 72 1,8 1,9 1,9 1,7 1,7 1,7 1,7 1,7 1,7 1,7 1,7	1,550 1,650 1,720 1,680 1,700 3000 7200	84 440 320 290 10 <5 <5 <5 <5 240 14 5	300 370 360 340 281 250 276 304 292 281 197 167 400 450 460	498	<0.005	30 5 5 5 5 5 5 5 7 5 17 5 10	1,400 1,300 1,000 811 1,100 730 771 758 692 750	0.63 0.60 2.28 0.51 4.94 2.49 3.55 5.44	2.80 2.70	880 1,100 700 720 2,700 4,960 2,720 4,350 6,840	<0.002 <0.002 <0.002 0.003 0.003 0.007	<0.5 <0.5 <0.5 <0.5 <0.1	220 180 170 200	0.005 0.002 0.006 <0.005	<0.001 <0.001 <0.001 <0.001	<0.0001 <0.0001	240	<0.001				4.60 12.00	0.240 <0.005		140 94	0.220 0.010		<0.001 <0.001 <0.001	0.047 0.021 0.017
1/09/2016 22/11/2016 22/11/2016 MW3 30/04/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	7.5 7.30 7.22 7.18 7.47 7.32	.5 72 30 9,8 22 18 47	7200	5 280 230	167 400 450 460					13		5,900	0.008	<0.1 <0.1 <0.1	135 138 163 180	<0.005 <0.005 0.017 <0.005 <0.005 <0.005	<0.0002 <0.0002 <0.0002 0.000 <0.0005 <0.001	<0.00005 0.0003 <0.00005 <0.00005 <0.00005 <0.0001 <0.0001	150 112 160 71 98 103 94 93	<0.001 <0.001 <0.0002 <0.0002 <0.0002 <0.0002 <0.0005 <0.005	<0.001 <0.001 <0.001	<0.001 <0.001 <0.001 <0.0001 <0.0001	<0.001 <0.0005 <0.0005 <0.0005 0.0015 <0.001 0.0004	15.00 5.20 0.06 <0.05 <0.05 0.14 <0.05	<0.005 <0.002 <0.002 <0.002 0.004 <0.005 <0.005	<0.001 <0.0001 <0.0001 <0.0001 0.000 <0.0002 <0.0001	100 76 57 64 66 57 60	0.012 <0.0005 0.001 0.002 0.001 <0.0005 0.010	<0.0001 <0.0001 <0.0001 <0.0001 <0.0001	<0.001 <0.0005 <0.0005 <0.0005 0.001 <0.0005 <0.001	0.012 <0.001 <0.001 0.006 0.021 <0.005 0.006
20/09/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016 22/11/2016 MW4 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013	7.22 7.18 7.47 7.32	22 18 47	9,800	230	450 460	!		5/		12		13,000 14,000 12,000				<0.005 <0.005	<0.001 <0.005	<0.0001 <0.0005	167 508	<0.001 <0.001	<0.005 <0.005	<0.005	0.0001 <0.0005		<0.005 <0.005	<0.0001 <0.0005	106 310	<0.001	<0.0001 <0.0001	<0.001 <0.005	0.006 0.005
20/09/2011 27/02/2012 11/10/2012 6/03/2013	7.19 7.50 7.97 7.36	17 19 7,2 50 9,0 97 6,5 36 7,0 31 7,6 80 8,3	7,280 9,050 5,520 7,020 7,620 8,300 7900	180 470 54 6 <5 <5 <5 300 41 <1	540 470 479 466 533 570 582 593 553 598 564	1,450 1,580 1,350 1,760	<0.005 0.015 <0.005	57 5 12 5 770 5 5 5 5 19 10 <10 <10 <10	5,400 3,700 4,000 4,200 5,900 28,000 3,140 5,000 3,480 3,780 3,980 4,640	1.90 0.32 0.12 0.26 0.03 0.61 0.46 0.18 2.37 2.03	1.40 0.51 1.10	2,600 220 610 330 420 1,500 530 840 400 3,260 3,360 2,100 4200 3300	0.003 0.006 <0.002 0.003 0.003 0.006 <0.001 0.009 0.021 0.020	<0.5 <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.1	800 810 940 710 670 1,400 647 537 475 548	0.013 0.019 0.005 <0.01 <0.025 0.021 <0.005 0.024 <0.005 0.013 0.067 <0.005 <0.005 <0.005	<0.005 <0.005 <0.005 <0.01 <0.005 <0.01 0.001 0.001 0.001 0.001 <0.005 <0.005 <0.005	 <0.0005 <0.0005 <0.0005 <0.001 <0.0005 <0.0005 <0.0005 <0.00005 	120 85 95 100 130 350 91 104 68 75 78 90	<0.005 <0.005 <0.005 <0.01 <0.005 <0.01 <0.0002 <0.0002 <0.0004 0.0003 <0.0005 <0.005 <0.001	<0.002 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.005 <0.005	<0.005 <0.001 <0.001 <0.001 0.0003 <0.001 <0.005 <0.005	<0.01 0.0005 0.0017 0.0014 0.0006 0.0020 <0.002 <0.0002	7.40 6.80 5.80 6.30 21.00 <0.05 <0.05 <0.05 0.08	<0.025 <0.025 <0.025 <0.05 <0.025 0.520 0.010 <0.005 <0.002 0.055 0.079	<0.005 <0.001 <0.0001 <0.0001 <0.0001 <0.0002 0.001 <0.0005 <0.0005	300 210 210 260 340 910 232 286 196 208 214 250	0.022 0.014 0.026 0.027 0.018 1.700 0.004 0.013 0.002 0.013 0.102 0.150 0.022 0.078	<0.00005 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001	<0.005 <0.005 <0.001 <0.001 <0.001 <0.0005 0.001 <0.0005 <0.0005 <0.0005 <0.0005 <0.0005 <0.0005	0.020 0.047 0.032 0.031 <0.025 <0.001 <0.001 0.025 0.003 0.012 0.010
17/10/2013 9/04/2014 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016	7.66 4.32 6.99 7.15 6.81	58 50 66 32 136, 99 88,3 15 41,(81 134,	36,000 8,300 1,000 34,000 28,000	670 1,900 2,900 210 74 43 14 201 133	510 370 390 420 390 109 148 317 118 203		<0.005 <0.005	740 18 5 5 5 877 14 5 5 5	3,900 2,500 3,200 3,700 4,700 69,800 49,000 25,700 38,600 72,200	0.82 0.17 0.44 0.24 2.89 4.07 2.17 0.44 1.21	0.74 1.90	2,100 540 760 1,200 730 3,600 7,870 3,160 410 1,430	0.008 0.009 0.007 0.007 0.010 <0.001 <0.001 0.009 0.004 0.009	<0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1	350 280 410 380 440 3,540 2,290 5,960 4,070	<0.005 <0.005 <0.005 <0.01 0.031 <0.025 <0.025 0.013 <0.025 <0.005	<0.005 <0.005 <0.005 <0.01 <0.005 <0.0025 0.002 <0.0025	<0.0005 <0.0005 <0.0005 <0.001 <0.0005 <0.001 <0.0001 <0.0004 <0.001 0.0005	39 28 49 69 94 972 598 248 1,120 1,020	<0.005 <0.005 <0.005 <0.01 <0.005 <0.0025 <0.0025 0.0018 0.0040 0.0051	<0.002 <0.01 0.0050	<0.005 <0.02 <0.001 <0.001 0.0040 <0.001	<0.005 0.0050 <0.005 <0.002 <0.005 0.0030	31.00 130.00 130.00 7.40 1.63 <0.5 1.02 6.76 4.71	<0.025 <0.025 <0.025 <0.05 <0.025 <0.025 0.034 0.019 <0.025 <0.005	<0.005 <0.005 <0.001 <0.001 <0.0004 <0.001 0.000	100 68 96 150 190 3,900 2,210 921 4,590 3,960	0.014 0.011 0.033 0.041 0.120 0.277 0.003 0.075 3.290 0.098	<0.00005 <0.0001 <0.0001 <0.0001 <0.0001	<0.005 <0.005 <0.01 <0.005 0.048 0.035 0.021 0.037 0.034	0.010 0.029 0.047 0.012 <0.025 <0.025 0.042 0.042 <0.025 0.006
1/09/2016 22/11/2016	7.1	.1 140	40000	200	123	13600		<100	74700	0.68		970				<0.025	<0.050	<0.0050	982	<0.005	<0.005	<0.025	<0.0050		<0.025	<0.0050	4050	1.4	<0.0001	<0.050	<0.025
MW5 30/04/2011 20/09/2011 27/02/2012 11/10/2012 6/03/2013 17/04/2013 17/10/2013 9/04/2014 30/10/2014 30/04/2015 23/11/2015 1/06/2016 9/08/2016 1/09/2016	6.55 6.62 6.90 6.84 6.21 6.77 7.08	555 662 990 884 21 777 75,4 08 47,; 224 33,2 25,2 25,4 19,4	5,400 7,100 3,200 5,400 9,400 7,000	1,100 1,400 2,600 660 1,600 63 78 <5 154 119 49	370 210 150 160 170 170 207 275 351 397 638 485	2,750 2,330 2,460	<0.005 0.750 1.200	56 47 5 620 1,000 5 5 18 5 20 15 <10	87,000 87,000 80,000 77,000 64,000 58,000 40,500 25,700 20,500 16,300 10,600 9,300	1.10 1.20 1.10 1.30 1.60 3.29 1.54 1.02 1.00 1.44	5.50 4.70 6.00	5,100 2,700 3,400 1,800 3,400 2,600 3,460 4,170 1,340 1,870 4,490 5,400	0.007 0.010 0.006 0.005 0.007 0.014 0.005 0.002 0.013 0.016 0.003	<0.5 <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1	5,200 4,100 4,400 3,500 3,800 3,300 2,110 1,800 1,510 1,200	<0.05 <0.1 <0.1 <0.05 <0.25 0.300 <0.01 0.086 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005	<0.05 <0.1 <0.01 <0.05 <0.05 <0.05 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001 <0.001	<0.005 <0.01 <0.01 <0.005 <0.005 <0.005 <0.0004 <0.0004 <0.0002 <0.0002 <0.0001 <0.0010	1,000 1,100 1,100 970 770 740 599 303 194 139 20 54	<0.05 <0.1 <0.1 <0.05 <0.05 <0.05 <0.05 0.0120 0.0070 0.0065 0.0030 <0.005 0.0040	<0.01 <0.01 0.0030 0.0040 <0.005	<0.005 <0.01 <0.001 <0.0030 0.0030 <0.005	<0.05 <0.002 <0.002 <0.001 0.0020 <0.001 <0.002	12.00 25.00 37.00 18.00 44.00 0.80 1.13 <0.25 4.80 0.59	<0.25 <0.5 <0.5 <0.25 <0.25 <0.25 <0.01 0.015 0.000 0.005	<0.05 <0.05 <0.0004 <0.0004 <0.0002 <0.0002 <0.0002 <0.0001 <0.0005	4,100 4,300 4,700 3,700 3,000 2,900 2,030 1,040 665 464 220 172	0.220 <0.1 <0.1 <0.05 <0.05 <0.05 0.001 0.003 0.002 0.005 0.002 0.013	<pre><0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001 <0.0001</pre>	<0.1 <0.05 <0.05 <0.05 <0.007 0.003 0.002 0.002 0.001 <0.0010	<0.05 <0.1 <0.05 <0.25 <0.25 <0.01 0.017 <0.005 0.020 <0.005 <0.005



2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 8E.1

Letter to OEPA, dated 3 April 2017, notifying results of March 2017 Groundwater Monitoring Results



3 April 2017

Chief Executive Officer
Attention: Matt Spence, Senior Environmental Officer
Office of the Environmental Protection Authority
Locked Bag 10
East Perth WA 6892

Email: matt.spence@epa.wa.gov.au, compliance@epa.wa.gov.au

Dear Sir,

Subject: Report to OEPA for Groundwater Monitoring Results as per Condition 8 of Ministerial Statement No. 870

This letter is further to our letters of 6 December 2016 and 30 January 2017 and to inform the OEPA on the outcomes of the latest groundwater monitoring undertaken by Yara Pilbara Nitrates Pty Ltd (YPN) at the Technical Ammonium Nitrate (TAN) plant as required by Conditions 8-4 and 8-5 of Ministerial Statement 870.

Condition 8-4 The proponent shall sample/monitor all groundwater bores required by Condition 8-3 every six months and shall set groundwater monitoring trigger values at a value of 10% above the baseline contaminant concentrations obtained from the hydrogeological studies required by condition 8-1.

Condition 8-5 In the event that monitoring required by condition 8-4 indicates an exceedance of trigger levels: 1. The proponent shall report such findings to the CEO within 7 days of the exceedance being identified; 2. The proponent shall provide evidence which allows determination of the cause of the exceedance; 3. If determined by the CEO to be project attributable, the proponent shall submit actions to be taken to address the exceedance within 7 days of the determination being made to the CEO; 4. The proponent shall implement actions to address the exceedance and shall continue until such time as the CEO determines that the remedial actions may cease; and 5. The proponent shall submit bi-annually, or at a frequency defined to the satisfaction of the CEO, the results of monitoring required by condition 8-4 to the CEO, until such time as the CEO determines that reporting may cease.



YPN has reported results to OEPA of previous monitoring regularly, as ongoing monitoring continues to show substantial variation that are considered to be reflective of a natural variability rather than a result of site related potential contamination sources as a result of ongoing construction activities.

Since our correspondence to the OEPA, the following has occurred:

- A scheduled 6-monthly round of monitoring of all monitoring wells was undertaken on 15 March 2017 and laboratory results obtained on 24 March 2017. For nitrogen analytes that exceed trigger values an analysis of the same sample repeated by the analysing laboratory to confirm validity of measurements. Where repeated analyses produced different results, both results are listed below. Groundwater results for parameters that exceeded trigger values are:
 - \circ Total Nitrogen values at MW2 (12,000 μg/L), MW3 (6,600 μg/L, 6,300 μg/L), MW4 (58,000μg/L) and MW5 (9,400 μg/L, 9000 μg/L) exceeded the trigger value (5,610μg/L).
 - Nitrate (as NO3-) values at MW2 (12 mg/L), MW4 (55 mg/L) has exceeded the trigger value (9.57 mg/L).
 - Alkalinity (total) as CaCO3 at MW3 (591 mg/L) and MW5 (628 mg/L) was higher than the trigger value (561mg/L).
 - o Ammonia as N at MW4 (220 μ g/L, 250 μ g/L) was higher than the trigger value of 40 μ g/L.
 - Manganese (filtered) at MW4 (0.28 mg/L) exceeded the trigger value of 0.242 mg/L.
- Additional monitoring was undertaken on 22 March 2017 at MW4. Results are pending.
- Three additional upstream groundwater monitoring wells will be installed 2 April 2017.
 Monitoring of these will commence within 2 weeks of installation.
- On the 6 March a spill of solution which contained ammonium nitrate occurred at the TAN Plant. This event was associated with an unplanned shutdown event at both the Ammonia and TAN Plants. An investigation into the incident has been completed and the report is in the process of being finalised. The event has been reported to the Department of Environmental Regulation (DER) as a potential pollution event under Section 72 of the Environmental Protection Act. Yara will provide an investigation report to the DER and can provide a report to the OEPA upon request.

Attached is a summary table of the groundwater monitoring results as well as the historical monitoring data, to enable a review of the variability of the parameters over time since 2011.



Yours Sincerely,

Brian HOWARTH

HESQ Manager

Yara Pilbara Nitrates

Attachments

1. TAN Plant Groundwater monitoring results



2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 8E.2

March 2017 Groundwater results.

						v			Ino	rganics									Me	etals											TRH				
P	ırameter	Standing water level	рН	TDS	тѕѕ	Alkalinity (total) a CaCO3	Ammonia	Ammonia as N	Chloride	Nitrate as N	Nitrate (as NO3-)	Nitrogen (Total)	Aluminium (Filtered)	Arsenic (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (III+VI) (Filtered)	Copper (Filtered)	Iron (Total)	Iron (Filtered)	Lead (Filtered)	Magnesium (Filtered)	Manganese (Filtered)	Mercury	Nickel (Filtered)	Zinc (Filtered)	C6-C10 less BTEX (F1)	>C10-C16 less naphthalene (F2)	>C16-C34 (F3)	>C34-C40 (F4)	62 - 92	C10 - C14	C15 - C28	C29-C36	C10-36 (sum of total)
	Units	mAHD		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	μg/L	μg/L	μg/L	μg/L	μg/L
Curren	Trigger Level	NA	6-8.4	143000	2090	561	0.04	40	95700	NA	9.57	5.6	0.021	NA	NA	1210	NA	NA	143	0.26	NA	5170	0.242	0.0001	NA	0.052	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW1	30/04/2011	6.462	6.95	2,000		350		0.038	780	1.7		2.5	0.01	<0.001	<0.0001	200	<0.001			0.008	<0.001	63	0.17	<0.00005		0.016					<40	<50	<200	<200	<450
	20/09/2011	5.857	6.86		180	320		0.018	710			3.4	0.002	<0.001	<0.0001	170	<0.001		1.8	<0.005		54	0.046		<0.001	0.027									
	27/02/2012 11/10/2012	5.836	6.9 7.09		220 520		<0.005	0.005 0.053	670 600	2 1.1	8.7 4.7	2.1 1.5	0.002 0.005	<0.001 <0.001	<0.0001 <0.0001	180 170	<0.001 <0.001		4.2 30	<0.005 0.009		53 51	0.088 0.038		<0.001 <0.001	0.038 0.008									
	6/03/2013		7.26		2,900		0.018	0.033	570	1.9	<0.05	2	<0.005	<0.001	<0.0001	160	<0.001		14	<0.005		49	0.038		<0.001	0.008									
	17/04/2013 17/10/2013	4.4	6.71 5.6	940	16 25			0.005 0.032	560 300	2.2 0.086	9.738608	2.4 0.24	<0.005 0.006	<0.001 0.0008	0.0004 <0.00005	160 66	<0.001 <0.0002	0.001 <0.0005	0.39 1.47	<0.005	<0.001 <0.0001	49 29	0.087 0.425	<0.0001	<0.001 0.001	0.01 0.005	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	9/04/2014	4.98	7.13	995		358		0.114	345	1.6		2.09	<0.005	0.0008	<0.00005	57	<0.0002	<0.0005	0.57	0.43	<0.0001	31	0.272	<0.0001	<0.0005	<0.001	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	30/10/2014 30/04/2015	4.54 4.58	7.44 7.31	981 1,010		361 272		0.005 0.031	366 374	0.162 2.24		2.62 3.04	0.018 0.006	0.0006 0.0004	<0.00005 <0.00005		<0.0002 <0.0002	<0.0005 0.005	0.33 0.32	0.052 0.044	<0.0001 <0.0001	32 33	0.204 0.08	<0.0001 <0.0001	0.0008 0.0007	0.009 0.003	<0.02 <0.02	<0.1 <0.1	<0.1 <0.1	<0.1 <0.1	<20 <20	<50 <50	<100 <100	<50 <50	<100 <100
	23/11/2015	4.25	7.22	1,110	<5	316		0.005	394	0.248		0.26	0.006	0.0008	<0.0001	98	<0.0005	<0.001	0.42	<0.005	<0.0002	33	0.0087	<0.0001	0.001	<0.005	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	1/06/2016 22/11/2016	3.94	7.9 7.8	1,100 950	440 <1	288 197		<0.01 <0.01	428 294	12		3.1 12	0.61 <0.005	0.001 <0.001	<0.0001 <0.0001	102 72.4	<0.005 <0.001	<0.002 0.0005		<0.005	0.006 <0.0001	33.4 23.9	0.24 0.004	<0.0001 <0.0001	0.005 0.005	0.052 0.009									
	15/03/2017	5.91	7.8	970		294		<0.01	361	4	17.70656	4.1	<0.005	<0.001	<0.0001	79.9	<0.001	<0.0001		<0.005	<0.0001	29.5	<0.001	<0.0001	<0.001	0.007					<25	<50	<100	<100	<280
MW2	30/04/2011 20/09/2011	6.462 5.857	7.16 6.78	2000	190	250 290		0.2 0.005	930 1200	3.3		3.9 1.4	0.005 0.002	<0.001 <0.001	<0.0001	99 150	<0.001 <0.001		1.8	<0.005 <0.005	<0.001	66 98	0.005 0.001	<0.00005	<0.001	0.013 0.021					<40	<50	<200	<200	<450
	27/02/2012	5.836	6.83		84	300	<0.005	0.03	1400	0.62	8.7	0.88	0.005	<0.001	<0.0001	240	<0.001		4.2	0.24		140	0.22		<0.001	0.047									
	11/10/2012 6/03/2013		7.12 7.28		440 320	370 360	0.064 0.018	0.005 0.005	1300 1000	0.63 0.6	4.7 <0.05	1.1 0.7	0.002 0.006	<0.001 <0.001	<0.0001 <0.0001	160 150	<0.001 <0.001		30 14	<0.005 <0.005		94 87	0.01 0.012		<0.001 <0.001	0.021 0.017									
	17/04/2013		5.34	2040	290	340		0.005	811	2.28	9.738608	0.72 2.7	<0.005	<0.001	<0.00005		<0.001	<0.001	0.39	<0.005	<0.001	100 76	0.012	<0.0001	<0.001	0.012	10.02	-0.1	-0.1	.0.4	-20	.50	-100	-50	-100
	17/10/2013 9/04/2014	4.4 4.98	6.9 6.98	2040 1550	10 <5	281 250		0.005 0.005	1100 730	0.51 4.94		4.96	<0.005 <0.005	<0.0002 <0.0002	0.0003 <0.00005	160 71	<0.0002 <0.0002	<0.0005 <0.0005	1.47 0.57	<0.002 <0.002	<0.0001 <0.0001	57	<0.0005 0.0009	<0.0001	<0.0005 <0.0005	<0.001 <0.001	<0.02 <0.02	<0.1 <0.1	<0.1 <0.1	<0.1 <0.1	<20 <20	<50 <50	<100 <100	<50 <50	<100 <100
	30/10/2014 30/04/2015	4.54 4.58	7.14 7.19	1650 1720	<5 <5	276 304		0.005 0.017	771 758	2.49 3.55		2.72 4.35	0.017 <0.005	<0.0002 0.0002	<0.00005 <0.00005		<0.0002 <0.0002	<0.0005 0.0015	0.33 0.32	<0.002 0.004	<0.0001 0.0001	64 66	0.0024 0.001	<0.0001 <0.0001	<0.0005 0.0005	0.006 0.021	<0.02 <0.02	<0.1 <0.1	<0.1 <0.1	<0.1 <0.1	<20 <20	<50 <50	<100 <100	<50 <50	<100 <100
	23/11/2015	4.25	7.13	1680	<5	292		0.005	692	5.44		6.84	<0.005	<0.0002	<0.0001	94	<0.0002		0.42	<0.005	<0.0001	57	<0.001	<0.0001	<0.0005	<0.005	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	1/06/2016 22/11/2016	3.94	7.9 7.5	1700 7200	240 5	281 167		0.01 0.01	750 3810	5.5 12		5.9 12	<0.005 <0.005	<0.001 <0.005	<0.0001 <0.0005	92.5 508	<0.005 <0.001	0.0004 <0.0005		<0.005 <0.005	<0.0001 <0.0005	59.6 310	0.01 <0.001	<0.0001 <0.0001	<0.001 <0.005	0.006 0.005									
	15/03/2017	5.91	7.7	1700	5	184		<0.01	742	12	17.70656	12	<0.005	<0.001	<0.0001	86.3	<0.001	<0.0003		<0.005	<0.0001	55.1	0.007	<0.0001	<0.003	0.01					<25	<50	<100	<100	<280
MW3	30/04/2011 20/09/2011	6.462 5.857	7.3 7.22	9800	280	400 450		0.054 0.057	5400 3700	1.9		2.6 0.22	0.013 0.019	<0.005 <0.005	<0.0005 <0.0005	120 85	<0.001 <0.001		1.8	<0.025 <0.025	<0.005	300 210	0.022 0.014	<0.00005	<0.005	0.02 0.047					<40	<50	<200	<200	<450
	27/02/2012	5.836	7.18		230	460	<0.005	0.005	4000	0.32	8.7	0.61	0.005	<0.005	<0.0005	95	<0.001		4.2	<0.025		210	0.026		<0.005	0.032									
	11/10/2012 6/03/2013		7.47 7.32		270 180	540 470	0.064 0.018	0.012 0.005	4200 5900	0.12 0.26	4.7 <0.05	0.33 0.42	<0.01 <0.025	<0.01 <0.005	<0.001 <0.0005	100 130	<0.001 <0.001		30 14	<0.05 <0.025		260 340	0.027 0.018		<0.01 <0.005	0.031 <0.025									
	17/04/2013		6.17	7200	470	470		0.77	28000	0.031	9.738608	1.5	0.072	<0.01	<0.001	350	<0.001	<0.01	0.39	0.52	<0.001	910	1.7	-0.0001	<0.01	<0.05	10.02	-0.1	-0.1	.0.4	-20	.50	-100	-50	-100
	17/10/2013 9/04/2014	4.4	7.19 7.5	7280 9050	54 6	479 466		0.005 0.005	3140 5000	0.611 0.464		0.53 0.84	0.021 <0.005	0.0008 0.001	<0.00005 <0.00005		<0.0002 <0.0002	0.0005 0.0017	1.47 0.57	0.01 <0.002	<0.0001 <0.0001	232 286	0.0038 0.0133	<0.0001 <0.0001	0.0006 <0.0005	<0.001 <0.001	<0.02 <0.02	<0.1 <0.1	<0.1 <0.1	<0.1 <0.1	<20 <20	<50 <50	<100 <100	<50 <50	<100 <100
	30/10/2014 30/04/2015	4.54 4.58	7.97 7.36	6520 7020	<5 <5	533 570		0.005 0.019	3480 3780	0.175 2.37		0.4 3.26	0.024 <0.005	0.0014 0.0009	<0.00005 <0.00005		<0.0002 <0.0002	0.0014 0.0006	0.33 0.32	0.005 <0.002	<0.0001 <0.0001	196 208	0.002 0.0131	<0.0001 <0.0001	0.0012 <0.0005	0.025 0.003	<0.02 <0.02	<0.1 <0.1	<0.1 <0.1	<0.1 <0.1	<20 <20	<50 <50	<100 <100	<50 <50	<100 <100
	23/11/2015	4.25	7.31	7620	<5	582		0.01	3980	2.03		3.36	0.013	0.0003	<0.0001	78	<0.0005	0.002	0.42	0.055	<0.0002	214	0.102	<0.0001	<0.0005	0.012	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	1/06/2016 22/11/2016	3.94	7.8 7.8	8300 11000	300 <1	593 564		<0.01 <0.01	4640 6100	3.1		2.1 3.3	0.067 <0.005	<0.005 <0.005	<0.0005 <0.0005	89.6 104	<0.005 <0.001	<0.002 0.0013		0.079 0.007	0.0011 <0.0005	250 299	0.15 0.078	<0.0001 <0.0001	<0.005 <0.005	0.01 0.007									
	15/03/2017	5.91	7.6	14000	3	591		<0.01	7590	6.1	17.70656	6.6	<0.005	<0.001	<0.0005	103	<0.001	<0.0005		0.018	<0.0005	259	0.12	<0.0001	<0.005	0.008					<25	<50	<100	<100	<280
MW4	30/04/2011 20/09/2011	6.462 5.857	7.64 7.58	6700	670	510 370		0.74 0.018	3900 2500	0.82		2.1 0.54	<0.005 <0.005	<0.005 <0.005	<0.0005 <0.0005	39 28	<0.001 <0.001		1.8	<0.025 <0.025	<0.005	100 68	0.014 0.011	<0.00005	<0.005	0.01 0.029					<40	<50	<200	<200	<450
	27/02/2012	5.836	7.5		1,900		<0.005 0.064	<0.05	3200	0.17 0.44	8.7 4.7	0.76	<0.005	<0.005	<0.0005	49	<0.001		4.2	<0.025		96	0.033		<0.005	0.047									
	11/10/2012 6/03/2013		7.66		2,900	420	0.064	<0.05 0	3700		4.7 <0.05	1.2 0	<0.01	<0.01	<0.001	69	<0.001 <0.001		30 14	<0.05		150	0.041		<0.01	0.012		1							
	17/04/2013 17/10/2013	4.4	7.17 4.32	43810 136000	210 74			<0.05 0.877	4700 69800	0.24 2.89	9.738608	0.73 3.6	0.031 <0.025	<0.005 <0.0025	<0.0005 <0.001	94 972	<0.001 <0.0002	<0.005 0.005	0.39 1.47	<0.025 <0.025	<0.005 <0.001	190 3900	0.12 0.277	<0.0001	<0.005 0.0479	<0.025 <0.025	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	9/04/2014	4.98	6.99	88300	43	148		0.014	49000	4.07		7.87	<0.025		<0.001	598	<0.0002	<0.005	0.57	0.034	<0.001	2210	0.0029	<0.0001	0.035	0.042	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	30/10/2014 30/04/2015	4.54 4.58	7.15 6.81	41000 134000	14 201	317 1 118		<0.05 <0.05	25700 38600	2.17 0.441		3.16 0.41	0.013 <0.025	0.0022 <0.0025	<0.0004 <0.001	248 1120	<0.0002 <0.0002	<0.002 <0.005	0.33 0.32	0.019 <0.025	<0.0004 <0.001	921 4590	0.0746 3.29	<0.0001 <0.0001	0.021 0.037	0.042 <0.025	<0.02 <0.02	<0.1 <0.1	<0.1 <0.1	<0.1 <0.1	<20 <20	<50 <50	<100 <100	<50 <50	<100 <100
	23/11/2015	4.25	6.8	128000	133	203		<0.05	72200	1.21		1.43	<0.005	0.002	0.0005	1020	<0.0005	0.003	0.42	<0.005	0.0002	3960	0.0975	<0.0001	0.034	0.006	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	1/06/2016 22/11/2016	3.94	NS 7.1	NS 140000	NS 200	NS 123	NS	NS <0.1	NS 74700	NS 0.68	NS	NS 0.97	NS <0.025	NS <0.050	NS <0.0050	NS 982	NS <0.001	NS <0.0050	NS	NS <0.025	NS <0.0050	NS 4050	NS 1.4	NS <0.0001	NS <0.050	NS <0.025	NS	NS	NS	NS	NS	NS	NS	NS	NS
NAVA/E	15/03/2017	5.91	7.4	66000	11	259		0.22	39600	55	17.70656	58	<0.025	<0.001	<0.0010	198	<0.001	<0.0010		<0.025	<0.0010 <0.05	775	0.28	<0.0001	<0.010	<0.025					<25	<50 <50	<100	<100	<280 <450
MW5	30/04/2011 20/09/2011	6.462 5.857	7.64 7.58	130,000	1,100	370 210		0.056 0.047	87000 87000	1.1	0.82	5.1 2.7	<0.05 <0.1	<0.05 <0.1	<0.005 <0.01	1000 1100	<0.001 <0.001		1.8	<0.25 <0.5	\U.U5	4100 4300	0.22 <0.1	0.00011	<0.1	<0.05 <0.1					<40	<50	<200	<200	\43U
	27/02/2012 11/10/2012	5.836	7.5 7.66		1,400 2,600	150 160	<0.005 0.064	0.005 0.62	80000 77000	1.2 1.1	0.17 0.44	3.4 1.8	<0.1 <0.05	<0.1 <0.05	<0.01 <0.005	1100 970	<0.001 <0.001		4.2 30	<0.5 <0.25		4700 3700	<0.1 <0.05		<0.1 <0.05	<0.1 <0.05									
	6/03/2013				660	170	0.018	1	64000	1.3		3.4	<0.25	<0.05	<0.005	770	<0.001		14	<0.25		3000	<0.05		<0.05	<0.25									
	17/04/2013 17/10/2013	4.4	7.17 4.32	75,400	1,600 63	170 207		0.005 0.005	58000 40500	1.6 3.29	0.24 2.89	2.6 3.46	0.3 <0.01	<0.05 0.0013	<0.005 <0.0004	740 599	<0.001 <0.0002	<0.05 <0.002	0.39 1.47	<0.25 <0.01	<0.05 <0.0004	2900 2030	<0.05 0.0013	<0.0001	<0.05 0.0073	<0.25 <0.01	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	9/04/2014	4.98	6.99	47,100	78	275		0.018	25700	1.54	4.07	4.17	0.086	<0.001	<0.0004	303	<0.0002	<0.002	0.57	0.015	<0.0004	1040	0.0026	<0.0001	0.0032	0.017	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	30/10/2014 30/04/2015	4.54 4.58	7.15 6.81	33,200 25,400	<5 154	351 397		0.005 0.02	20500 16300	1.02 0.995	2.17 0.441	1.34 1.87	<0.005 <0.005	0.0017 0.0008	<0.0002 <0.0002		<0.0002 <0.0002	<0.001 0.002	0.33 0.32	0.01 0.007	<0.0002 <0.0002	665 464	0.0016 0.005	<0.0001 <0.0001	0.0024 0.0018	<0.005 0.02	<0.02 <0.02	<0.1 <0.1	<0.1 <0.1	<0.1 <0.1	<20 <20	<50 <50	<100 <100	<50 <50	<100 <100
	23/11/2015	4.25	6.8	19,400	119	638		0.015	10600	1.44	1.21	4.49	<0.005	0.0006	<0.0001	20	<0.0005	<0.001	0.42	<0.005	<0.0002	220	0.0016	<0.0001	0.0014	<0.005	<0.02	<0.1	<0.1	<0.1	<20	<50	<100	<50	<100
	1/06/2016 22/11/2016	3.94	7.1	17,000 13,000	49 20	485 630		<0.01 0.01	9300 7040	5.7	0.68	5.4 5.8	0.031 <0.005	<0.010 <0.005	<0.0010 <0.0005		<0.005 <0.001	<0.002 0.0008		0.024 <0.005	<0.0010 <0.0005	172 102	0.013 <0.001	<0.0001 <0.0001	<0.010 <0.005	<0.005 0.008									
1	15/03/2017	5.91	7.4 tes within 20	15,000	2	628		<0.01	8340	8.9	55	9.4	<0.005	<0.001	<0.0005	40.7	<0.001	0.0017		<0.005	<0.0005	155	<0.001	<0.0001	<0.005	0.012					<25	<50	<100	<100	<280

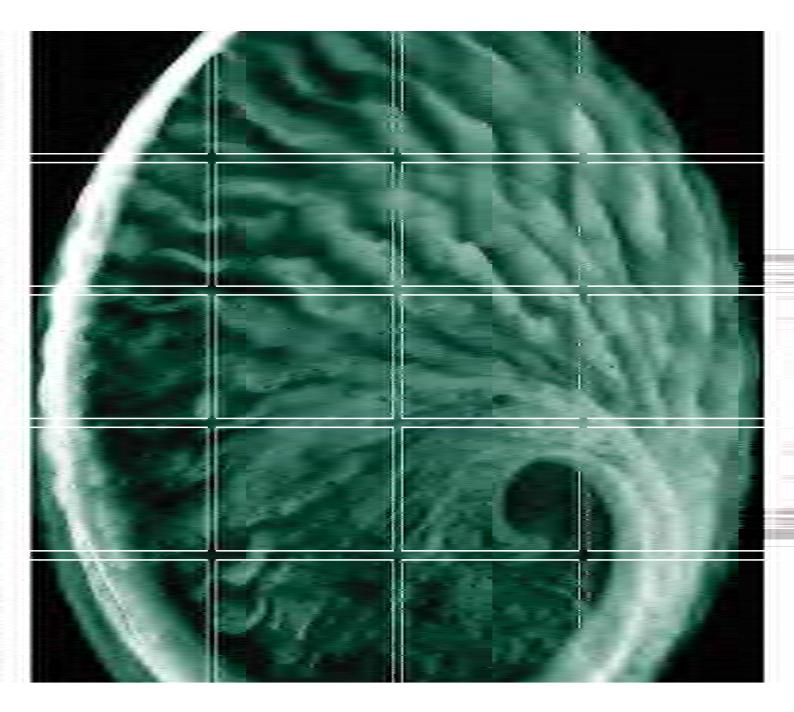


2017 Compliance Assessment Report Ministerial Statement 870 Technical Ammonium Nitrate Plant

06-10-2017 600-200-CAR-YPN-0038 Rev 0

Attachment 9A

Preliminary Acid Sulfate Soil Investigation Report, dated August 2011.



Technical Ammonium Nitrate Production Facility

Preliminary Acid Sulfate Soil Investigation

DRAFT

Burrup Nitrates Pty Ltd August 2011 0086269

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DRAFT REPORT

Burrup Nitrates Pty Ltd

Technical Ammonium Nitrate Production Facility

Preliminary Acid Sulfate Soil Investigation

August 2011

Reference: 0086269

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Technical Ammonium Nitrate Production Facility

Preliminary Acid Sulfate Soil Investigation

DRAFT

Burrup Nitrates Pty Ltd

August 2011

Approved by: Toby Whincup
Position: Project Manager
Signed:

Date: 17 August, 2011

Environmental Resources Management Australia Pty Ltd Quality System

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This report has been prepared in accordance with the scope of services described in the contract or agreement between Environmental Resources Management Australia Pty Ltd ABN 12 002 773 248 (ERM) and the Client. The report relies upon data, surveys, measurements and results taken at or under the particular times and conditions specified herein. Any findings, conclusions or recommendations only apply to the aforementioned circumstances and no greater reliance should be assumed or drawn by the Client. Furthermore, the report has been prepared solely for use by the Client and ERM accepts no responsibility for its use by other parties.

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1 INTRODUCTION

Environmental Resources Management Australia Pty Ltd (ERM) was commissioned by Burrup Nitrates Pty Ltd (BNPL) in 2008 to undertake a preliminary acid sulfate soil (ASS) investigation of the proposed Technical Ammonia Nitrate Production Facility (TANPF), located at "Site D" within the Burrup Industrial Estate (BIE) on the Burrup Peninsula, Western Australia (WA) (Figure 1, Annex A).

The ASS investigation undertaken focused on the 35 ha northern portion of Site D (hereafter referred to as 'the site') which is the designated area of disturbance (both permanent and temporary) for the TANPF (*Figure 1, Annex A*).

The preliminary ASS investigation is one of several baseline studies required in support of the environmental approvals process for the project.

1.1 PROJECT APPRECIATION

Site D occupies an area of approximately 79 ha and extends from Village Road in the north to Hearson Cove Road in the south. The existing Burrup Fertiliser Pty Ltd (BFPL) ammonia plant is situated adjacent the western boundary of Site D, with vacant land present between the site and Hearson Cove to the east.

The site (including temporary laydown areas) occupies approximately 35 ha in the northern section of Site D, albeit bulk earthworks disturbance associated with construction of permanent works for the TANPF will be constrained to approximately 16 ha (*Figure 2, Annex A*) within the north-west quadrant of Site D.

The TANPF comprises construction of three major processing units, including a nitric acid plant, ammonium nitrate solutions plant and the technical ammonium nitrate (TAN) plant.

The proposed site preparation works for the TANPF are anticipated to include the following activities, which have the potential to directly or indirectly disturb ASS, should they exist within the site:

- Bulk earthworks, including excavations undertaken for building and plant foundations, utilities and other civil works;
- Dewatering and trenching (subject to detailed design requirements); and
- Installation of site drainage.

It is understood that proposed finished design levels will be attained via cut to fill earthworks. Existing site levels will be reduced in the northern section of the site (refer *Figure 2, Annex A*), which corresponds to the 'Negligible ASS Risk' mapped zone. Fill from the northern section of the site will be imported to the low-lying southern section of the site to make up site levels. By implication, soil and groundwater disturbance within the 'Moderate to High Risk' ASS mapped zone of the site will be minimised in accordance with WA Department of Environment and Conservation (DEC) recommendations for best practice management of ASS. It is understood that the site will be filled to achieve a typical formation level of 5.5 m AHD (Golder, 2011). The interrelationship of the indicative earthworks cut and fill areas and ASS risk mapping zones are shown on *Figure 2, Annex A*.

1.2 OBJECTIVES

The principal objectives of the investigation were to establish, in a manner consistent with relevant DEC ASS guidance, an understanding of the acid sulfate soil status of the site, and associated potential environmental risk implications or constraints to the proposed development.

1.3 Scope Of Work

To meet the project objective, the following scope of works was completed in accordance with the approved proposal:

- A desktop assessment and site walkover inspection completed and reported as part of the approved Public Environmental Review (PER) (ERM, 2010);
- A soil and groundwater sampling and analysis program (SAP) was
 designed cognisant of the desktop assessment findings and relevant DEC
 guidance. The intrusive works comprised drilling of 10 soil bores across
 the site to a nominal target depth of 3m. At 5 locations, boreholes were
 extended at least 2m beyond the groundwater table to facilitate
 monitoring well installation and groundwater sampling and analysis;
- Soil samples were collected at regular depth intervals, field tested and submitted to SGS, a National Association of Testing Authorities (NATA) accredited laboratory for pH_{field} and pH_{fox}.
- Selected soil samples were analysed for the Chromium Reducible Sulphur (CRS) suite, guided by the outcomes of the afore-mentioned field pH testing;

- A single groundwater monitoring event was completed in April 2011, including recovery of representative groundwater samples from the 5 monitoring wells, field analysis of indicator parameters, and laboratory analysis of water quality parameters (including ASS indicator species); and
- Comparison of field and laboratory soil and groundwater data with relevant DEC ASS assessment criteria, to confirm the presence or absence of Actual Acid Sulfate Soils (AASS) and Potential Acid Sulfate Soils (PASS) and associated management implications (where applicable).

1.4 REGULATORY CONTEXT

Requirements for the assessment and management of ASS at the site were formally conditioned in Ministerial Statement No. 870 published on 7 July 2011. Condition 9 of the ministerial approval articulates the following requirements, which must be implemented pursuant to the provisions of the WA *Environmental Protection Act 1986* in support of the construction of the TANPF:

- 9 Acid Sulfate Soils
- 9-1 The proponent shall undertake intrusive acid sulfate soils investigations prior to the commencement of construction; and
- 9-2 In the event that acid sulfate soils are disturbed during construction of the TANPF, the proponent shall treat and manage acid sulfate soils in accordance with the requirements of the DEC's draft guideline on the treatment and management of acid sulfate soils and water in acid sulfate soil landscapes (May, 2009) and any subsequent revisions.

The findings of the ASS investigation conducted by ERM, as reported herein, may be used in support of the discharge of Ministerial condition 9-1 in due course. Informal consultation with the DEC in August 2011 (pers. comms Steve Appleyard) suggests that potential requirements for further intrusive investigation of the site may not be required on the basis of ERM's assessment results, which suggest a low-risk implication to future construction of the TANPF.

1.5 LIMITATIONS

The findings of this report are based on the scope of work outlined above. ERM performed the services in a manner consistent with the normal level of care and expertise exercised by members of the environmental assessment profession. No warranties, express or implied, are made. Although normal standards of professional practice have been applied, the absence of any identified hazardous or toxic materials on the subject Site should not be interpreted as a guarantee that such materials do not exist on the site.

This assessment is based on a site inspection conducted by ERM personnel, sampling and analyses described in the report, and information provided by people with knowledge of site conditions. All conclusions and recommendations made in the preliminary report are the professional opinions of the ERM personnel involved with the project and, while normal checking of the accuracy of data has been conducted, ERM assumes no responsibility or liability for errors in data obtained from regulatory agencies or any other external sources, nor from occurrences outside the scope of this project.

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This report has been prepared solely for use by the client and ERM accepts no responsibility for its use by other parties.

2 METHODOLOGY

2.1 DESKTOP INVESTIGATION

DEC guidelines were followed to assess the presence of AASS and/or PASS at the site prior to undertaking the preliminary soil and groundwater investigations. The initial desktop assessment (ERM, 2010) included a review of:

- Western Australian Planning Commission (WAPC) ASS risk maps;
- Geological and hydrogeological mapping data;
- Topographical data;
- Geomorphological information;
- Available historical exploratory logs to assess soil stratigraphic units across the site; and
- Available field survey data to assess the presence of potential visual indicators of AASS/PASS, such as acid scalded areas, stunted or dead vegetation, acid tolerant vegetation, (black) iron monosulfides or (yellow) jarosite minerals.

The findings of the desktop assessment are presented in the published PER (ERM, 2010), including relevant baseline data pertaining to the site's history, surrounding land-uses, environmental setting, geological and hydrogeological conditions.

On the basis of the desk-based review findings, as reported in the PER (ERM, 2010), a site investigation was recommended to assess the presence and distribution of AASS and/or PASS.

2.2 FIELD INVESTIGATION

2.2.1 Soil Investigation Design Rationale

DEC guidance (DEC, May 2009) generally recommends a minimum of 2 sampling locations per hectare for non-linear disturbances over 4ha in size, which equates to nominally 32 sampling locations for the proposed TANPF development area.

However, upon review of available geological information, desktop data and walkover findings, a reduced density sampling program was considered satisfactory to characterise the distribution and magnitude of ASS at the site. The sampling design comprised 10 soil bores spatially distributed to investigate the inferred ASS risk zones associated with the principal geological/geomorphological units in the locality of the site, and cognisant of the proposed cut and fill design for the construction area.

2.2.2 Soil Investigation Rationale

The main soil investigation was undertaken in January 2011 by ERM and BNPL's nominated drilling subcontractor, Golder. All soil bores were drilled to at least 3 m below ground level (mbgl), which is inferred to be at least 0.5 m below the maximum intended depth of excavations within granular soils beneath the proposed TANPF footprint. Five of the bores were drilled beyond the permanent watertable to a maximum recorded depth of 9 mbgl to accommodate groundwater monitoring well installations. Investigation locations (SB1 – SB5 and MW1 – MW5) are illustrated on *Figure 2*, *Annex A*.

During drilling, soil lithology was logged by experienced ERM field personnel using the Unified Soil Classification System (USCS). Potential visual and olfactory indicators associated with acid sulfate soils were recorded where apparent (e.g. soil colour, mottling, hydrogen sulphide odours).

Soil samples were collected at 0.25 m intervals by the field investigator using a fresh pair of nitrile gloves for each sample. Samples were placed in laboratory supplied plastic bags and frozen prior to transport to SGS (a National Association of Testing Authorities (NATA) accredited laboratory) under strict chain of custody protocols.

Field screening (pH $_{\rm f}$ and pH $_{\rm fox}$) was undertaken by SGS consistent with guidance provided in the DEC's *Identification and Investigation of Acid Sulfate Soils and Groundwater* (May, 2009). Twenty-four soil samples were selectively analysed by SGS for the chromium reducible sulphur suite to assist with the confirmation of PASS and/or AASS at the site. These were selected according to field screening observations and to ensure representative lateral and vertical characterisation over the site.

2.2.3 Groundwater Investigation

A groundwater sampling program was conducted in April 2011 by trained ERM staff.

Standing water levels were gauged and representative samples recovered for field testing of indicator parameters (including temperature, pH, oxygen reduction potential, electrical conductivity and dissolved oxygen).

Representative groundwater samples were collected from the five groundwater monitoring wells (illustrated in *Figure 2, Annex A*) and submitted to SGS for analysis of ASS indicator species such as dissolved iron, aluminium and manganese, as well as baseline characterisation of major cations and anions, total dissolved solids, total hardness, total alkalinity and other dissolved metals.

3 RESULTS

3.1 DESKTOP INVESTIGATION

The desktop ASS assessment for the site is presented in full in the Public Environmental Review (ERM, 2010), which concluded that further investigation should be conducted to characterise the presence, distribution and magnitude of ASS at the site.

Western Australian 1:50,000 Urban Geology Series mapping for the site and surrounding area is indicated on *Figure 3, Annex A*. Mapping indicates that the on-site superficial geology comprises the following lithologies:

- Pleistocene red-brown silty sands (Qps) in the north-west section of the site, inferred to extend up to a maximum thickness of 10m;
- Holocene beach and dune shelly sands (Qhy) in the central section of the site, inferred to extend up to a maximum thickness of 10m; and
- Holocene mud and silt deposits (Qhm) in the southern section of the site (inferred to extend up to a maximum thickness of 5m).

The Holocene deposits are associated with the 'Moderate to High' ASS risk categorised section of the site (refer *Figure 2, Annex A*), which will undergo minimal direct and indirect disturbance according to the current earthworks design proposals. The Pleistocene soils in the northern section of the site, corresponding to the 'Low' ASS risk zone, will form the bulk of material disturbed during the construction works. The bedrock geology beneath the site comprises Granophyre, which does not present a potential ASS risk.

Several indicators suggestive of the presence of ASS were identified during the walkover inspection of the site, including waterlogged soils, iron staining in near-surface soil horizons, the presence of acid and water tolerant vegetation, and low lying bare/scalded areas. Shell fragments and other aquatic artefacts were also observed in the southern section of the site. There was also evidence of surface salt crusting on the ground in the southern portion of the site, and in historical surface water channels.

3.2 FIELD INVESTIGATION

3.2.1 Geological Findings

Exploratory logs from the investigation are presented in *Annex B* and summarised lithological details and ASS screening results are detailed in *Annex C, Table 1*.

The superficial soils at the site variably comprise brown to red-brown clayey sands, silty sands, clayey gravels and clayey gravelly sands, extending from ground level to between 0.5 and 5 m bgl. Shell grit inclusions were identified at some locations, consistent with the mapped geology.

Superficial soil thickness typically increases towards the southern margins of the site, consistent with geological and topographical expectations. Exploratory hole data did not reveal a distinct difference in soil type association between the 'Moderate to High' and 'Negligible' risk ASS mapped areas of the site.

Horizons of well to very well cemented ferricrete or calcrete were identified within the superficial soils at several locations, between 0.1 and 1.5 m bgl (Golder, 2011). Golder (2011) also recorded dolerite at one borehole location, which was assessed for geotechnical purposes only (BH04).

The superficial soils are generally underlain by Granophyre bedrock, which consists of pale grey and dark grey, fine to medium sized crystals, which is distinctly weathered and generally becomes fresher with depth (Golder, 2011). The bedrock is reported as locally fractured along thin iron-stained quartz seams, generally of high to extremely high strength.

A generalised geological cross-section for the site area is presented in *Figure 4, Annex A*.

3.2.2 ASS Investigation Findings

Consistent with interpretative guidelines detailed in the DEC's *Acid Sulfate Soils Guideline Series – Identification and Investigation of Acid Sulfate Soils and Acidic Landscapes* (May, 2009), samples were considered to potentially represent actual acid sulfate soils when pH_f was less than four.

Samples may be considered to potentially represent PASS when:

- 1) pH_{fox} is less than 4; and/or
- 2) the change in pH is greater than 2 (where the resultant pH_{fox} is less than 4); and/or
- 3) there is a strong reaction following addition of hydrogen peroxide.

Field screening of fifty-nine soil samples revealed that soil pH_f values ranged between 5.8 and 9.8 and were not indicative of AASS.

 pH_{fox} values ranged between 5.6 and 10.7 and the average difference between pH_f and pH_{fox} was generally less than 1. Five samples, SB5_0.0, SB5_0.5, MW2_0.0, MW3_0.0, MW5_1.0, had a difference between pH_f and pH_{fox} slightly greater than 2. Given the absolute pH_f and pH_{fox} values for these samples, it is considered unlikely that the results are indicative of PASS.

Observed reactions between soil and hydrogen peroxide ranged from slight to extreme intensity. It was noted that reaction intensity did not always correlate to the difference between pH_f and pH_{fox} . The observed extreme reactions (in the absence of sulphidic oxidation processes) may, however, be attributable to elevated manganese content in on-site soils (DEC, May 2009). Based on the overall field observations, the presence of AASS and PASS was considered unlikely.

Confirmatory laboratory analysis via the CRS suite, revealed that no samples contained reduced inorganic sulphur concentrations above the applicable DEC threshold criterion of 0.03%S for coarse textured sands and loamy sands (DEC, May 2009). Additionally, the pH KCl and actual acidity tests (TAA) were not suggestive of the presence of AASS in any of the samples (i.e. all pH KCl results were above 4.5).

Laboratory analysis results for the soil investigation are presented in *Annex C, Table 1*. Chain of custody (CoC) documentation and laboratory data are presented in *Annex D*.

3.2.3 Groundwater Investigation Findings

Full details of the site-specific hydrogeological and hydrological investigation findings for the site are presented in the report *Technical Ammonium Nitrate Production Facility Hydrogeological and Hydrological Investigation* (ERM, 2011).

Groundwater well sampling data forms are presented in *Annex B*.

Groundwater Elevation and Inferred Flow Direction

Groundwater elevations recorded in April 2011 are presented in *Annex C, Table 5*.

The recorded depth to groundwater at the site ranged between 0.566 to 2.926 m bgl. Groundwater elevations ranged between 2.166 m AHD at MW5 (in the southern section of the site) to 6.462 m AHD at MW1 (in the northern section of the site).

Groundwater data results indicate the presence of a continuous unconfined aquifer at the site, which is present at shallow depth in the Granophyre bedrock geology in the north of the site, and extends into the marine muds and silts in the low-lying southern section of the site. There is no evidence of secondary perched ground water at the site. Groundwater elevations are generally observed to follow surface topography at the site.

The interpolated groundwater flow direction is in a south easterly direction across the proposed development area, with an estimated hydraulic gradient of 0.011. The estimated groundwater contours for the site are shown in *Figure 5, Annex A*.

Groundwater Analytical Results

Annex C, Tables 2-5 provide a summary of field and laboratory groundwater analysis results.

Groundwater field pH measurements at the site ranged between 6.73 at MW5 and 7.65 at MW4, indicating circum-neutral groundwater conditions.

Redox results for those wells located in the northern section of the site (MW1-MW3) indicated slight to moderate reducing conditions (-100 to +57 mV), with the southernmost well results suggestive of oxidising groundwater conditions (+125 to 237 mV).

Recorded groundwater salinity increased from north (3,100-3,540 us/cm) to south (10-16,000 us/cm), which is consistent with the geological and geomorphological setting.

Dissolved iron (filtered) was identified at a concentration exceeding the laboratory limit of reporting (LOR) at MW1 only (0.008 mg/L). Dissolved aluminium (filtered) was recorded marginally above the laboratory LOR at monitoring wells MW1 and MW3 with concentrations of 0.01 and 0.013 mg/L recorded respectively. The observed concentrations of these ASS indicator species are not suggestive of associated impacts to the aquifer due to groundwater acidification.

Overall field and laboratory analysis results are not indicative of ASS impacts to groundwater in the locality of the site.

Chain of custody (CoC) documentation and laboratory data are presented in *Annex D*.

3.3 ANALYTICAL DATA QUALITY

Laboratory QA/QC procedures and results are detailed in the certified laboratory results contained in *Annex D*.

Analytical data quality checks were made to assess data in terms of completeness, representativeness, comparability, accuracy and precision.

All samples were collected, stored and transported to the laboratory in accordance with standard ERM protocols which are consistent with guidelines provided in the DEC's publication *Development of Sampling and Analysis Programs - Contaminated Sites Management Series* (DEC, 2001).

Laboratory analysis was undertaken within specified holding times in accordance with Schedule B(3) of the NEPM and using NATA accepted analytical procedures.

The overall field and laboratory QA/QC results indicate that the data is of sufficient quality to serve as a basis for interpretation in the assessment of ASS impacts to soil and groundwater at the site.

4 CONCLUSIONS

The ASS investigation results for the site do not indicate the presence of AASS/PASS within or adjacent to the proposed construction area.

Laboratory CRS results were all below the DEC threshold criterion of 0.03%S for coarse textured sands and loamy sands, which indicates that an Acid Sulfate Soils Management Plan (ASSMP) should not be required in support of construction of the facility, particularly in relation to earthworks and dewatering management requirements.

It is recommended that the findings of this investigation be formally reported in accordance with the latest DEC checklist requirements for a detailed ASS investigation and submitted for review and approval to discharge the ministerial conditions for the site.

5 REFERENCES

DEC, 2001. Development of Sampling and Analysis Programs - Contaminated Sites Management Series. Department of Environment and Conservation Contaminated Sites Management Series. December, 2001.

DEC, 2009. Draft Identification and Investigation of Acid Sulfate Soils and Acidic Landscapes. Department of Environment and Conservation Acid Sulfate Soils Guideline Series. May 2009.

ERM, 2010 *Technical Ammonium Nitrate Production Facility Public Environmental Review*. Prepared by ERM on behalf of BNPL.

ERM, 2011. *Technical Ammonium Nitrate Production Facility Hydrogeological and Hydrological Investigation*. Internal report for BNPL, not published.

Golder Associates, 2011. *Geotechnical Investigation*. Proposed Technical Ammonium Nitrate Production Facility, Burrup Peninsula.

Steve Appleyard, 2011. Advice to ERM from the DEC regarding DEC approval of ASS results, 16 August 2011. pers. comms.

Annex A

Figures



Legend

Site D Boundary

Area of Disturbance 'The Site'

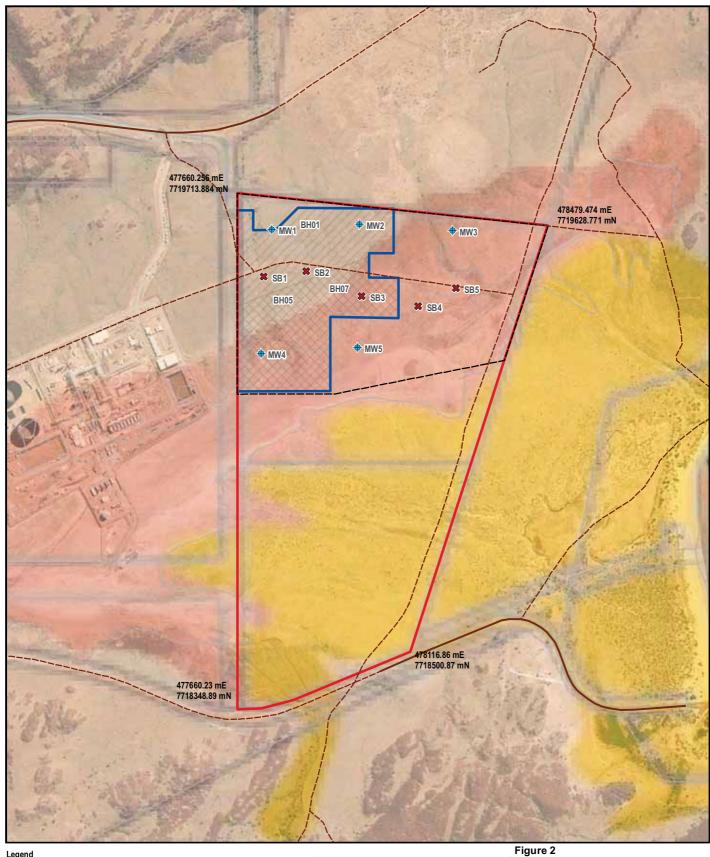
Client:	Burrup Nitrates Pt	y Ltd	
Project:	Acid Sulfate Soil R	Report	
Drawing	0086269p_ASS_C	G002_R0.mxd	
Date:	15/08/2011	Drawing Siz	ze: A4
Drawn By:	DN	Reviewed E	By: SS
Projection:	GDA 1994 MGA Z	one 50	
Scale:	Refer to scale bar		
Ω	0 250	500	750Km
N			-

Maps and figures contained within this document may be based on third party data, may not be to scale and is intended for use as a guide only. ERM does not warrant the accuracy of any such maps or figures.

Figure 1 Site Location

Environmental Resources Management Australia Pty Ltd Adelaide, Brisbane, Canberra, Hunter Valley, Melbourne, Perth,Port Macquarie, Sydney







Site D Boundary

Area of Disturbance

Proposed Permanent Plant Area

Sampling Locations

Monitoring Well

Soil Bore

Acid Sulfate Soils

high to moderate risk of ASS occurring within 3 m of natural soil surface

moderate to low risk of ASS occurring within 3 m of natural soil surface

no known risk of ASS occurring within 3 m of natural soil surface (or deeper)

Plant Levels

Cut Structural Fill

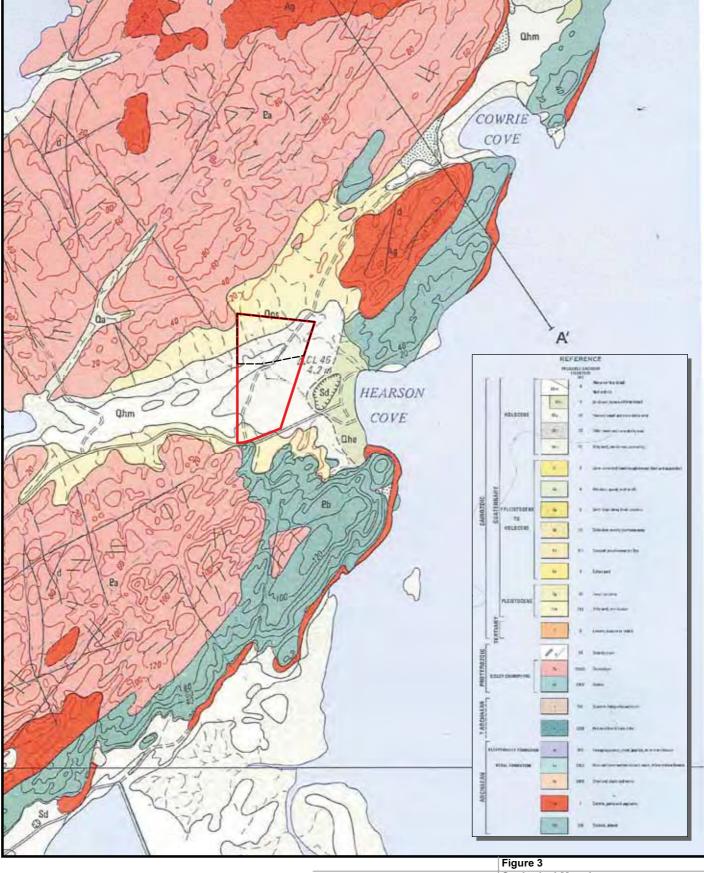
Client:	Burrup Nitrates Pty Ltd
Project:	Acid Sulfate Soil Report
Drawing No:	0086269p_ASS_G003_R0.mxd
Date:	15/08/2011 Drawing size: A4
Drawn by:	DN Reviewed by: SS
Source:	Aerial supplied by Landgate
Scale:	1:10 000
	100 200 300m

Maps and figures contained within this document may be based on third party data, may not be to scale and is intended for use as a guide only. ERM does not warrant the accuracy of any such maps or figures.

Preliminary Investigation Locations, ASS Risk Zoning and Earthworks

Environmental Resources Management Australia Pty Ltd Adelaide, Brisbane, Canberra, Hunter Valley, Melbourne, Perth,Port Macquarie, Sydney







Site D Boundary

Area of Disturbance 'The Site'

Client:	Burrup	Nitrates F	ty Ltd							
Project:	Acid S	Acid Sulfate Soil Report								
Drawing	008626	59p_ASS_	G004_R0.r	nxd						
Date:	15/08/2	2011	Drawing	g Size: A4						
Drawn By:	DN		Review	ed By: SS						
Projection:	GDA 1	994 MGA	Zone 50							
Scale:	Refer t	o scale ba	r							
Ω	0	400	800	1,200m						
N										

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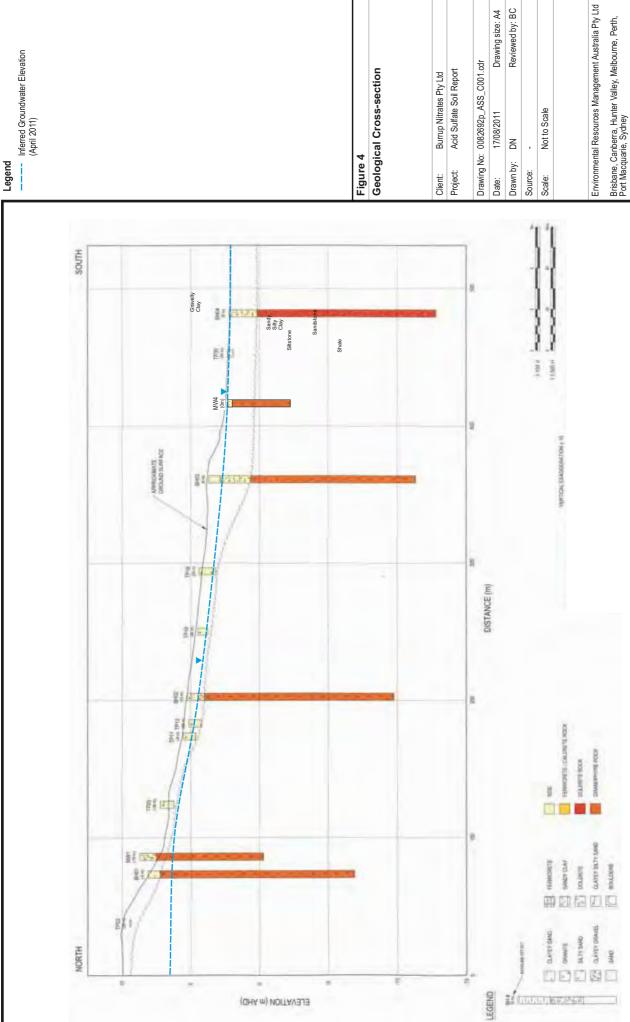
Geological Mapping

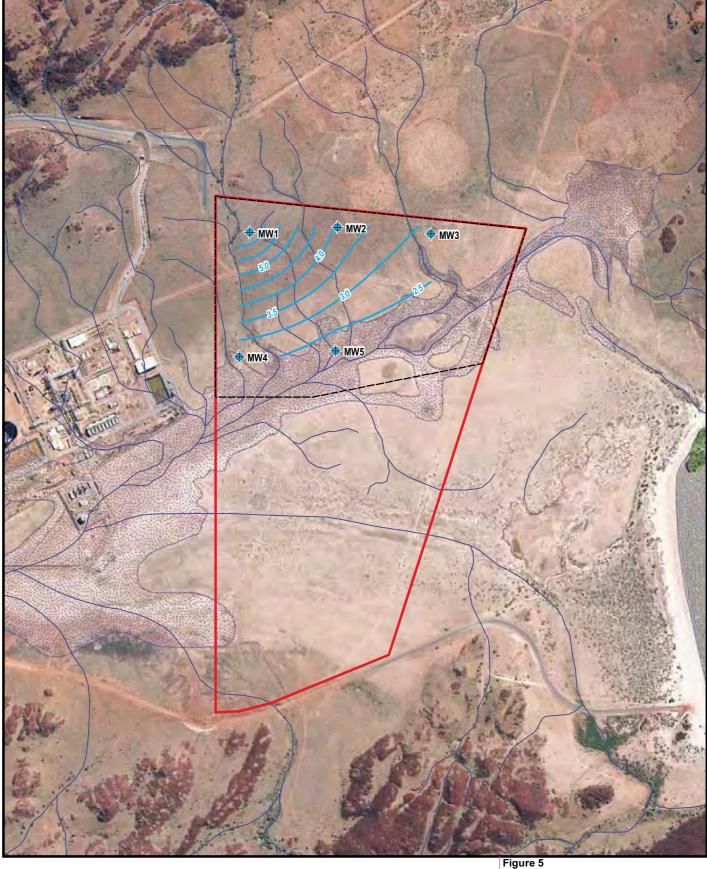
Environmental Resources Management Australia Pty Ltd Adelaide, Brisbane, Canberra, Hunter Valley, Melbourne, Perth, Port Macquarie, Sydney



Reviewed by: BC Drawing size: A4

---- Inferred Groundwater Elevation (April 2011)





Legend

Site D Boundary

Area of Disturbance 'The Site'

Monitoring Well Locations

Groundwater Contour (mAHD)

3.5 Groundwater Elevation (mAHD)

- Water Course

Saline Coastal Flat

Client:	Burrup N	itrates Pt	y Ltd		\top
Project:	Acid Sulf	ate Soil F	Report		7
Drawing	0086269	p_ASS_0	G005_R0).mxd	+
Date:	17/08/20	11	Drawi	ing Size: A	4
Drawn By:	DN		Revie	wed By: S	S
Projection:	GDA 199	4 MGA Z	one 50		٦.
Scale:	Refer to :	scale bar			
Ω	0	90	180	270m	\neg
N					

Maps and figures contained within this document may be based on third party data, may not be to scale and is intended for use as a guide only. ERM does not warrant the accuracy of any such maps or figures.

Figure 5 Inferred Groundwater Contours -April 2011

Environmental Resources Management Australia Pty Ltd Adelaide, Brisbane, Canberra, Hunter Valley, Melbourne, Perth,Port Macquarie, Sydney



Annex B

Borehole Logs And Groundwater Monitoring Forms

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011 Drill Finish Date: 18/1/2011

Drill Co: EnviroTech Drilling
Driller: Mark Italiano
Drill Method: SSA, AR

Hole Type: Monitoring Well

Total Depth (m): 9.0

Hole Diam. / Width (mm): 200 Casing Type: PVC Type 16 Casing Diam. (mm): 52

Surface Completion: Standpipe

Water Strike:

ID: MW1



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			•						
Clavey Sand			0-		DS			MW1_0.0	
Orange brown, slightly damp, loose, fine to medium grain size, poorly sorted, sub-angular. Some gravel.		a a	-		DS			MW1_0.25	1
grain size, poorly sorted, sub-angular. Some gravel.			_		DS			MW1_0.5	
Gravel content increasing from 0.25m depth.			-		DS			MW1_0.75	1
Orange and black from 4 Orandonth			1_		DS			MW1_1.0	-
Some cobbles from 1.0m depth.			-						1
Granophyre	+++		_		DS			MW1_1.5	Air rotary from 0.5m due to SSA
Grey, fractured, bedrock	÷ . ± .		_						rejection on
Soft weathered material at 4.5 to 4.8m	+++		2—						rocks.
Soft weathered material at 4.5 to 4.6m	+ +		-						
	+++	81 8	-						
	+++		-						
	+ +		3—						
	+++		-						
	+++	이 의	-						
	± . ± .		-						
	+++		4—						
	+ +	Al Al	-						
	+++		-						
	+++	8 8	-						
	+ + +	<u>17 17 17 17 17 17 17 17 </u>	5—						
	+++	. <u>. </u>	-						
	[+ <u>+</u> +	:: 	_						
	[+ ⁺ +		_						
	+ +		6-						Slow Recharge.
	+ +	::⊟::	_						Slightly turbid
	+ +	[: 	_						brown water.
	+++	::⊟::							Purged dry 3 times during
	+ + + ±	[: 	7-						development.
	+++	:: = :1	7-						
	+ [+ [∷≣∶∣	-						
	+++		-						
	[+ <u>+</u> +	:: = ::	-						
	+ +	::=::	8—						
	+++	\cdots	-						
	+ +	\cdots	-						
	+++	\cdots	-						
	+ + +		9—						
End of Log									

Water Level (Final): 5.8

East MGA: 477750.267

North MGA: 7719618.897

RL Ground:

RL Case:

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011
Drill Finish Date: 18/1/2011
Drill Co: EnviroTech Drilling

Drill Co: EnviroTech Drilling
Driller: Mark Italiano
Drill Method: SSA, AR

Hole Type: Monitoring Well

Total Depth (m): 7.8

Hole Diam. / Width (mm): 200 Casing Type: PVC Type 16 Casing Diam. (mm): 52

Surface Completion: **Standpipe** Water Strike: **5.8**

Water Level (Final): 5.6

RL Ground: RL Case:

East MGA: 477982.134

North MGA: 7719632.321

ID: MW2



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface Clayey Sandy Gravel Brown, dry, loose, fine to medium grain size, poorly sorted, sub-angular. Granophyre Grey, hard, bedrock. Soft weathered material at 2.5 - 2.8m	+ + + + + + + + + + + + + + + + + + + +		0 - - 1— - - 2— - - 3—		DS DS DS			MW2_0.0 MW2_0.25 MW2_0.5	Air rotary from 0.5m due to SSA rejection on rock.
End of Log			5— - 4— - 5— - 6— 8—						Moderate Recharge. Very turbid, becoming slightly turbid brown water. Purged dry 3 times during development.

NOTE: This bore log is for environmental purposes only and is not intended to provide geotechnical information.

Log By: **JG** Checked By: **JT**

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011
Drill Finish Date: 18/1/2011
Drill Co: EnviroTech Drilling
Driller: Mark Italiano

Driller: **Mark Italiano**Drill Method: **SSA, AR**

Hole Type: Monitoring Well

Total Depth (m): 7.6

Hole Diam. / Width (mm): 200 Casing Type: PVC Type 16 Casing Diam. (mm): 52

Surface Completion: **Standpipe**

Water Strike: 5.5

ID: MW3



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (КРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0-						
Clayey Sand	7				DS			MW3_0.0	(DUP03)
Brown, dry, loose, fine grain size, poorly sorted, subangular.	-	0 0	_		DS			MW3_0.25	(DUP04)
Some Boulders between 0.5 and 0.9m depth.	1		_		DS			MW3_0.9	
	•		1-						
Gravel content increasing from 0.25m depth.			_						
			_						Air rotary from
	-		_		DS			MW3_1.5	0.5 m due to SSA rejection on rock.
	2		2—						
	•		-		DS			MW3_2.0	
	Ţ		-		DS			MM/2 0 5	_
	Ţ		-		סט			MW3_2.5	
Granophyre			3—		DS			MW3_3.0	
Grey, hard.	+ +		-		- 50			141440_0.0	_
	+++		-	-					
	+++		-	1					
	+ +		4—						
	+++		-						
	+ +		_						
	+ +	: : ≣:	5-						
	+++		5—						
	+++								
	+_+	:==:1	_						
	+ +		6-						Moderate
	+ +	<u>:</u> :≣:	_						Recharge. Slightly turbid,
	+++	<u>::</u> ≣:	-						becoming very
	+ +	<u>::</u> ≣:	-						turbid brown water. Purged
	+ +	<u> :</u> ≣:	7—						dry 2 times
	+ +		-						during development.
	+++	<u>.∙⊟.·</u>	-						
End of Log			-						

Water Level (Final): 3.6

East MGA: 478228.561

North MGA: 7719614.980

RL Ground:

RL Case:

NOTE: This bore log is for environmental purposes only and is not intended to provide geotechnical information.

Log By: **JG** Checked By: **JT**

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011
Drill Finish Date: 18/1/2011
Drill Co: Envirotech Drilling

Driller: **Mark Italiano**Drill Method: **SSA, AR**

Hole Type: Monitoring Well

Total Depth (m): 4.5

Hole Diam. / Width (mm): 200
Casing Type: PVC Type 16
Casing Diam. (mm): 52

Surface Completion: **Standpipe**

Water Strike: 3.0

ID: MW4



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface Silty Sand			0		DS			MW4 0.0	
Brown, dry, loose, fine to medium grain size, poorly sorted, sub-angular to angular. With some cobbles.		\$ \$	-		מס			MW4_0.0	
Fine shell fragments in upper 100mm of profile. Clayey Gravel Brown, moist, loose, poorly sorted, sub-angular gravels. With cobbles and boulders.			-		DS			MW4_0.5	
			1-		DS			MW4_1.0	
			-		DS			MW4_1.5	Unable to penetrate beyond 0.1m with SSA. Air
			2-		DS			MW4_2.0	rotary from - surface.
Rock Grey. Probable boulder.	+++++		-		DS			MW4_2.5	-
Clayey Gravel Brown, moist, loose, moderately plastic, poorly sorted, sub-angular gravels. Some cobbles and boulders.			3-						
Granophyre	+ + + + + + + + + + + + + + + + + + +		4						Fast - moderate Recharge. Very turbid red brown water.
End of Log			-						

Water Level (Final): 1.6

East MGA: 477721.886

North MGA: 7719306.205

RL Ground:

RL Case:

NOTE: This bore log is for environmental purposes only and is not intended to provide geotechnical information.

Log By: **JG** Checked By: **JT**

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: **18/1/2011**Drill Finish Date: **18/1/2011**

Drill Finish Date: 18/1/2011
Drill Co: EnviroTech Drilling
Driller: Mark Italiano
Drill Method: SSA, AR

Hole Type: Monitoring Well

Total Depth (m): 5.0

Hole Diam. / Width (mm): 200
Casing Type: PVC Type 16
Casing Diam. (mm): 52
Surface Completion: Standpipe

Water Strike: 3.2

Water Level (Final): 1.85

RL Ground: RL Case:

East MGA: 477976.901

North MGA: 7719306.205

ID: MW5



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface Clayey Sand Brown, damp, loose, fine to course grain size, poorly sorted, sub-angular to angular. Some cobbles.			- 0 -		DS			MW5_0.0	(DUP06) Salt crusting at surface.
Rock Hard brown, ferricrete/silcrete cemented.			- -		DS			MW5_0.5	
			1-		DS			MW5_1.0	
Clayey Gravel Red brown, damp, loose, fine to medium grain size, poorly sorted, sub-angular to angular gravels.		<u></u>	-		DS			MW5_1.5	Unable to penetrate beyond 0.1 with SSA. Air rotary
			2-		DS			MW5_2.0	from surface.
			-		DS			MW5_2.5	
Rock Grey, hard. Probable boulder.			3—						
Sitty Clay Brown, moist, firm, plastic, traces of gravel.			-						
			4						Fast - moderate Recharge. Very turbid red brown water, becoming
			-						clear.
End of Log	<u> </u>		5— -						

NOTE: This bore log is for environmental purposes only and is not intended to provide geotechnical information.

Log By: **JG**

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 17/1/2011

Drill Finish Date: 17/1/2011
Drill Co: EnviroTech Drilling
Driller: Mark Italiano
Drill Method: SSA, AR

Hole Type: Soil Bore

Total Depth (m): 3.0

Hole Diam. / Width (mm): 200
Casing Type: NA
Casing Diam. (mm): NA
Surface Completion: NA
Water Strike: NA

ID: SB1



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0-						
Clayey Sand Brown, dry, loose, fine to medium grain size, sub- angular. Some grains <120mm.			_		DS			SB1_0.0	
Increasing grains <120mm content at 0.5m.					DS			SB1_0.25	- Air Rotary from
			_		DS			SB1_0.50	0.5m due to rejection of SSA on unconsolidated
	% 0000 0000 0000 0000 0000		1-		DS			SB1_0.75	rock.
Rock Fractured bedrock.	+ + + + + + + + + + + +		· _		DS			SB1_1.0	
	+ + + + + + + + + + + + + + + + + + + +		_						
	+ + + + + + + + - + - + + +								
	+ + + + + + + + + + + + + + + + + + + +		_						
	+ + + + + + + + + + + + + + + + + + + +		2_						
	+ + + + + + + + + + + +		_						
	+ + + + + + + + + +		_	-					
	- · · · · · · · · · · · · · · · · · · ·		_						
	F1+1		3-						

Water Level (Final): NA

RL Ground:

RL Case:

East MGA:

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011 Total Depth (m): 3.0

Drill Finish Date: 18/1/2011 Hole Diam. / Width (mm): 200 Drill Co: Envirotech Drilling Casing Type: NA Driller: Mark Italiano Casing Diam. (mm): NA Drill Method: SSA, AR Surface Completion: NA Hole Type: Soil Bore Water Strike: NA

ID: SB2



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0_						
Clayey Sand Brown, dry, loose, low plasticity, fine-medium grain size, poorly sorted, sub-angular. Some grains <120mm.					DS			SB2_0.0	(Dup 02)
Increasing rocks <180mm content at 0.5m					DS			SB2_0.25	- Air Rotary from
					DS			SB2_0.5	0.5 due to SSA rejection on unconsolidated rock.
			1-		DS			SB2_0.75	1001.
			·		DS			SB2_1.0	
Rock Grey, hard, fractured.	+ + + + + + + + + + + + + +		_		DS			SB2_1.2	
	+ + + + + + + + + + + + + + + + + + + +		-						
	+ + + + + + + + + + + + + + + + + + + +		2–						
	+ + + + + + + + + + + + + + + + + + + +		-	_					
	+ + + + + + + + + + + + + + + + + + +		_						
	+ + + + +		3-						

Water Level (Final): NA

RL Ground:

RL Case:

East MGA:

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011

Drill Finish Date: 18/1/2011
Drill Co: EnviroTech Drilling
Driller: Mark Italiano
Drill Method: SSA, AR
Hole Type: Soil Bore

Total Depth (m): 3.0

Hole Diam. / Width (mm): 200
Casing Type: NA
Casing Diam. (mm): NA
Surface Completion: NA
Water Strike: NA

ID: SB3



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (КРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0-						
Clayey Sand Orange brown, slightly damp, loose, fine to medium grain size, poorly sorted, sub-angular. Some gravel.			0		DS			SB3_0.0	(DUP01) Salt crusting at
Gravelly Clayey Sand Orange brown, slightly damp, loose, low plasticity, fine to medium grain size, poorly sorted. Some grains <150mm.	•				DS			SB3_0.25	surface. Air rotary from
			_		DS			SB3_0.5	0.5 m due to SSA rejection on rocks.
			1-						
			_		DS			SB3_1.0	
Granophyre Grey, hard, bedrock.	+ + + + + + + + + + + + + + + + + + + +		_		DS			SB3_1.25	
	+ + + + + + + + + + + + + + + + + + + +		_						
	+ + + + + + + + + + + + + + + + + + + +		2-						
	+ + + + + + + + + + + + + + + + + + + +		_						
	+ + + + + + + + + + + + + + + + + + + +								
	+ + + + + + + + + + + + + + + + + + + +		_						
	+ + + + + + + + + +		-						
End of Log	+		3—						

Water Level (Final): NA

RL Ground:

RL Case:

East MGA:

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011 Total Depth (m): 3.0

Drill Finish Date: 18/1/2011 Hole Diam. / Width (mm): 200
Drill Co: EnviroTech Drilling Casing Type: NA
Driller: Mark Italiano Casing Diam. (mm): NA
Drill Method: SSA, AR Surface Completion: NA
Hole Type: Soil Bore Water Strike: NA

Water Level (Final): NA

RL Ground: RL Case: East MGA: North MGA: ID: SB4



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			-						
Clayey Gravely Red brown, fine to coarse grain size, sub-angular to angular. Some sand. Trace cobbles at the surface.			-		DS			SB4_0.0	Surficial rocky outcrops in surrounding areas (Black and
Rock Red brown, hard ferricrete/silcrete cemented layer. Well cemented.					DS			SB4_0.25	Green).
			-						Air Rotary from 0.3 due to SSA rejection on unconsolidated rock.
Clayey Sand Red brown, fine to coarse grain size, poorly sorted,			1-						
sub-angular.			-		DS			SB4_1.5	
			2–						
			-		DS			SB4_2.0	
			-						_
			-		DS			SB4_2.5	
Granophyre Grey, bedrock.	+ + + + + + + + + + + + + + + + + + + +		3-						

NOTE: This bore log is for environmental purposes only and is not intended to provide geotechnical information.

Project Name: Burrup Nitrates TAN Plant Site Name: Burrup Nitrates TAN Plant Site Address: Village Road, Burrup Peninsula

Drill Start Date: 18/1/2011

Drill Finish Date: 18/1/2011
Drill Co: EnviroTech Drilling
Driller: Mark Italiano
Drill Method: SSA, AR
Hole Type: Soil Bore

Total Depth (m): 3.0

Hole Diam. / Width (mm): 200
Casing Type: NA
Casing Diam. (mm): NA
Surface Completion: NA
Water Strike: NA

ID: SB5



ERM Australia Pty Ltd

Lithology	Symbol	Well	Depth (m)	Recovery	Sample Type	РРТ (кРа)	PID (ppm)	Sample Details	Remarks
Ground Surface			0_						
Silty Sand Brown, dry, loose, fine to medium grain size, moderately sorted, sub-angular.			_		DS			SB5_0.0	Shell fragments to 0.65m. No evidence of corrosion.
Shell fragments to 0.65m depth. Damp at 1.0m depth.			_		DS			SB5_0.25	
Rock					DS			SB5_0.5	
Red brown, hard ferrocrete/silcrete cemented layer.			_						
Clayey Sand Red brown, low plasticity, fine - coarse grains, poorly sorted, sub-angular.			1-		DS			SB5_1.0	(DUP05)
			_						
			_		DS			SB5_1.5	Air Rotary from 1.0m due to SSA rejection on unconsolidated
			2—						rock.
			-		DS			SB5_2.0	
			_						
			_		DS			SB5_2.5	
			3—		DS			SB5_3.0	

Water Level (Final): NA

RL Ground:

RL Case:

East MGA:



					Job	Information	on			
Date: o	29.4.11					Time:	arrive	1040	-1.7	depart
Project N	Name: BUE	RUP IS	F TA	NPE		Proje	ct Number:		269	
	ation: Bul					Samp	oler: E	0156		1
Well ID:	MWI					Weati	her: C/	oudes	(n	in prenauday)
1					E	quipment	7 = 1			
Water qu	ality equipme	ent description	on: HL	25		Int	erface prob	e number:	HIV	11002
Purging (please of	equipment: cirlce)	Bailer ty Pump ty		Plastic Peristaltic	Teflo Subr	on mersible	Micro-pu	ırge A	mazon	Other:
				Well Gau	ging and I	Purge Volu	ıme Calcu	lations		
Casing D	iameter	2	5mm 50	mm 100r	nm 125mr	n 150mm	200mm	250mm	300mm	Volume of water in well / V
Conversi (volume in fi	on Factor actor L/m)		0.49 (1.	96 7.8	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres P = 3.14159
		(-) Water	Water Co	m (=) lumn		m ersion Factor m		per 1 Well \ / 2 fied with Ba	l v	r = radius in cm h = height of water column in cm N
7					Water Qu	ality Para	meters			
Beginning	g purge time:			Ending purg	ge time:			Pump In	ntake Dep	th (mbtoc):
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	Co	mments	
12	1045	6.98	31.23	2.23	2-01	77	-	St	Tit !	slowto
24	1047	6-96	31-43	3.03	2-46	-67	~			ate recharge
36	1050	6-95	31.51	3.10	2-43	-74	~		- 1111	
								- Sti	ght/L	turbid
				1						nable odaw
- 4	-		1 91					V-pal	lbra	W
			ina Manara N	6-13-20-0	2025	Exam	ple Comme	nts: clear / s	sliahtly clo	udy / turbid / very turbid / no odour /
3	6 Tot Acti	al Well Volu al amount of w rate /minute	ime	sampling		Sample	time 10		dour / odo	ur/strong odour/drawdown depth iners used 4 p 3 g well dry purged? Y N
Work and						QC Check	rs			
Was pre-co Was docu Were air b Was samp	eleaned samp eleaning samp mentation of oubbles presented to ble for metals	oling equipm equipment o ent in vials at field filtered	ent properly conducted? t time of colle	protected f		Č	N (Y N NA Y N N N N N N N N N N N N N N N N			DIDPOLADIONI
	sample collected					-	V N		te sample blank ID	- DOTTEN OF



	_					_					
EV I	32.					Job I	nformati	on			
	2941						Time:	arrive	12	50	depart 13:20
	Name: B	UZRA	IP TA	NPF			Proje	ct Number:	008	6269	
Site Loc	VV	LLAG	ERD,	300	erup	PENOUS	OLA Samp	oler: 60	3/30	91.	
Well ID:	mus	2					Weat	ner: Ou	PICCS.	-	
						Eq	uipment				
Water q	uality equipm	ent descri	ption: 📈	100	-		Int	erface prob	e number:	Him	1218
	equipment:	Baile	r type:	Plasti	3	Teflon		Micro-pu			
		1 3000	у уро.		200		2000			Amazon	Other:
4-1-1				Well	1.75	g and Pu	urge Volu	me Calcu	ulations		
	Diameter		25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V
(volume in			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159
Total We	II Depth	(-) Wat		(=) Water C	olumn					r = radius in cm
		11 (-) -8	Water	Column	(x) Convers	m sion Factor	(=) Litres	per 1 Well	Volume	h = height of water column in cm
			10	5	m (x)	96	(=)	0	L	
Depth to	product:		m	Produc	ct Thickne	ss:	m	Veri	ified with B	ailer:	N
					10/-	1 0	I'd D	A. Fred			
Reginnin	g purge time:			Endin			lity Parar	neters			ACC CONTRACTOR
Litres	Time	PH	Temp		g purge tir			2	1		th (mbtoc):
Littes	Time	PH	1emp 4	mS/	nd /cm	DO mg/L	Redox mV	Com Com Com Com Com Com Com Com Com Com	C	omments	
10	12:55	7.16	318	9 33	39 2	10	56	9	10	12310	PALE BROWN
20	12:59	7.15	320	034			56				JR
30	13:09	7-16		835		74	57				E RECHARGE
											Y, ELD.
								-			
					- 11						
	11 - 11		U.								
	p+ 11										
						7					
	*nf	l temo con	d readings n	not nenessa	ny if well is	numod dny	Examp	le Comme	nts: clear /	slightly clou	udy / turbid / very turbid / no odour /
				01 1/000330	ny ii weli is	purged dry	1		slight	odour / odo	ur / strong odour / drawdown depth
30		al Well Vo	lume of water prior	to samplin	ig		Sample	time/	30	Contai	ners used BG 4P
12 /	A 100	w rate /minute			Did fiel	d paramet	ers stabilis	e2 (Y)	NA NA	Was the	well dry purged? Y(N)
70. 1	The state of the s	Tillitate			5,9,110	a paramot	oro otabilio	о. <u>О</u> Г.	S 12X2	vvas uie	well dry purged?
						Field Q	C Check	S			
Vas pre-c	leaned samp	ling equip	ment used	for these :	samples?		C	N			
Vas pre-c	leaning samp	oling equip	ment prope	erly protec	ted from	contamina	tion?	N			
/as docu	mentation of	equipment	conducted	1?			(Y	N NA			
ere air b	ubbles prese	ent in vials	at time of c	ollection?			Y	(N) NA			
	le for metals						R				
							0 1	IN INA			
	sample collec						V	N NA		te sample	ID



+						Job	Informatio	n			
Date: 2	9.4	//					Time:	arrive	1231		depart
	ame: BL		PT	AN	PF		Projec	t Number:	008	6269	9
Site Loca	tion: BO	RRU	19	340	Y		Samp	er:	EO/	16	
Well ID:	and the same	13					Weath	er: RH	HN	E 14	
						E	quipment				
Water qua	ality equipn	nent desc	ription: ,	HLC	15		Inte	erface prob	e number:	HIN	11002
Purging e (please ci	equipment: irlce)		ler type: np type:	1	Plastic Peristaltic	Teflo Subr	n nersible	Micro-pu	rge	Amazon	Other:
					Well Gau	ging and F	Purge Volu	me Calcu	lations		
Casing Di	iameter		25mm	501	mm 100m	nm 125mm	n 150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion (volume in fa			0.49	1.	96 7.88	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres
Total Well	Depth 200	(-) W		ater Co	m (=) lumn r		2-12	(=)	per 1 Wel	L	P = 3.14159 r = radius in cm h = height of water column in cm
						Water Ou	ality Parai	neters			
Regioning	g purge time	. /) '	32		Ending purg		unity i unu		Pump	Intake Der	oth (mbtoc):
Litres	Time	PH		np °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm		Comments	7 100 100
12	12-32	7-	5630	45	3389	1-95	-218	_	PUI	VEENT	oper (BHY)
24	12-35		34 30		18-0	1.93	-163	- X	1 17		/
36	12-3=	77.	2830	1-52	15.8	2.60		-	Sli	gntly	turbid
48	12.41	17.3	3030	-60	16-0	2-80	-100	-	ğ	rey.	becoming palelany
0.7	1 * *						1 = 7		-		2 102 1 1 1 1
			111				10.0		me		reclarge!
		-	-4							9	and yilled.
		-	-						-		
		-	-								
			Contract	Part of the N	Milana in the		Exam	ple Comme	ents: clear	/ slightly cle	oudy / turbid / very turbid / no odour /
	T A	otal Well	Volume unt of water		sampling	vell is purged	Sample meters stabil	e time	slight 12 45 N NA	t odour / od	e well dry purged?
		-				Field	QC Chec	ks			
Was pre-c Was docu Were air b	cleaning sa umentation bubbles pre	mpling ed of equipm esent in vi	quipment nent cond als at tim	properl ucted? e of col		ples? from contam	(Y N Y N N Y N N N N N N N N N N N N N N	A		
Duplicate	sample col	llected?						YN		cate samp	
Rinsate bl	lank collect	ed?						Y(N)	Rinsa	te blank ID	



					Job	Informatio	on			
Date:	29-4-	11				Time:	arrive	1150		depart / 205
	ame: Bul		ANDE				t Number:			
Site Loca	ition: BV	00,10	CHAIL .				ler: EC			
Well ID:	mu	4				Weath				CUBY
					E	quipment				
Water qu	ality equipme	ent description	on: HO	205		Int	erface probe	e number:	HII	11002
Purging e (please c	equipment: irlce)	Bailer ty Pump ty	,	Pastic	Teflo	n nersible	Micro-pu	rge	Amazon	Other:
				Well Gaud	ning and i	Purge Volu	ıme Calcu	lations		
Casing D	iameter	2	5mm 60r	mm) 100m			200mm	250mm	300mm	Volume of water in well / V
A 100 A	on Factor		/	96 7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres P = 3.14159
	Depth 7 80 n	(-) Water	Water Co	lumn 4n	(x) Conve	ersion Factor	(=)	0.	1	r = radius in cm h = height of water column in cm
					Water Qu	ality Para	meters			
Beginning	g purge time:			Ending purg				Pump	Intake Dep	oth (mbtoc):
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	C	omments	
8	1152	7.65	30-10	12.20	2-68	125	-	HIGH	164 7	URBID
16	1154	7-65	30.60	12.76	2.20	124	-	SILT	7	
24	1157	7-64	30.59	12-16	2-23	125	-	ORA	NUE	
			PER N					NO	DOUR	
								600	P LEC	HARLE / YIELD
							-			
						1				- 11 Thursday - 12 Thursday - 12 Thursday
	*p	H. temp, cond	readings not	necessary if w	ell is purged	dry Exam	ple Comme	nts: clear slight	/ slightly cla odour / od	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
20	Act	tal Well Volution to the transfer of transfer of the transfer			d field parar	Sampl	e time	5 8 N NA		e well dry purged? Y N
					Field	QC Chec	ķs			
Was pre- Was docu Were air	cleaned sam cleaning sam umentation o bubbles pres	npling equipn f equipment ent in vials a	nent properly conducted? at time of col	y protected f	rom contan	nination?	Y N N N N N N N N N N N N N N N N N N N	A		
	ple for metal		a prior to pre	servations?		(A) N N		nate eamn	e ID
	sample colle						Y		cate samp	
Rinsate b	lank collecte	d?					Y (N)	Rinsa	te blank II	



-					Job I	nformatio	n			
Date: 5	29-6	4-11				Time:				depart 745
Project Na	me: BU	REUP	TANT	7		Projec	t Number:	800	6269	
Site Locat	ion: Bu	ERUP		3/1/-		Sampl	er: E	017	6	
Well ID:	mu					Weath	er: CLC	willy	Son	ne vain
					Eq	uipment				
Water qua	lity equipm	ent descript	ion: H	LQ5		Inte	erface prob	e number:	HIM	2001
Purging ed (please cir		Bailer Pump	type: (Plastic	Teflor Subm		Micro-pu		Amazon	Other:
				Well Gaug	ing and P	urge Volu	me Calcu	lations		
Casing Dia	ameter		25mm 50r	nm 100mr	n 125mm	150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion (volume in fac		- 1	0.49	96 7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres
Total Well	Depth 100 r	(-) Water m (-)		(=) Water m (=) 5	(x) Conyer (x)		(=) Litres (=) Ven		l V	P = 3.14159 r = radius in cm h = height of water column in cm
Depth to p	roduct:	-	и .					moo marz	, date 1,	
				Sec. T. S.	Water Qua	ality Parar	neters	1 200		urit chart to
1 100 000	purge time	1 10 10	1	Ending purge		2-2-5	0.000			oth (mbtoc):
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Orawdown <10cm		comments	i
9	1/32	7-12	31.16	100-06 Lu	2-13	166	042	0	runge	cur turbid
18	1135	6.71	31-50	11	2.25	221	-	n	o od	our
27	1187		31.62	11	2.12	237				
1								m	odera	te recharge
						l+				
						F =				
					- 17					
	*,	H, temp, con	d readings not i	necessary if we	ll is purged d	ry Exam	ple Comm	ents: clear slight	/ slightly clo	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
27	Ac FI	otal Well Vo tual amount o ow rate _/minute	lume If water prior to		field param	Sample	time	1140 N NA		ainers used 43 9 v N
					Field	QC Check	cs			
Was pre-cl	eaned sam	iolina equipi	ment used for	these sample	7 30 00	/	NT			
			ment properly			nation?	YN			
		and persons	conducted?	, p. 5.00.00 III		7	NNC	A		
			at time of coll	ection?			Y (N)N	-		
			ed prior to pre			7	YNN	0		2
Duplicate s			- prior to pro	-21,3110(10)			YN		cate sampl	e ID
Rinsate bla							y N	-	te blank ID	/
vinsare pla	arik collecte	IU I					1	Milos	O DIGITA ID	

WELL MONITORING FORM

PROJECT:	0086269
JOB No:	BURRUF NITRATES
LOCATION:	BUCKUP
DATE:	29.4.11
TIME:	
OPERATOR:	E0/JG
METHOD:	10



WELL	TIME	WELL DEPTH	T.O.C. ELEV. (m)	DEPTH WATER (m)	DEPTH PETRO (m)	PRODUCT IN WELL	PETRO THICK (m)	TOP OF LIQUIDS (m)
mwi	1040	8.735	_	2.774		-	45.0	1
MWS	1/30	5.100	4-8	0.566		-	-	
miv 4	1150	4-730		0-898	-		-	
MV3	1230	8 200	-	\$2.00	7 —		_	-
MW 2	1255	8-210	-	2.926	-	-	-	
								-42
				7 7				

Completed by:_ Checked by:_

Site sheets.xls Well Gauge Form

Annex C

Tables

Table 1
ASS Field Screening and Analytical Results (Soil)
Burrup Nitrates TAN Production Facility

		Lithology Summary		Field Scre	Field Screening Results	ts			Analytical Results	Results	
Sample ID	Depth	Description	JHd.	pHfox	Hd∇	Reaction	Analysis	рнксі	TAA	SCr	Net Acidity
		Clayey gravelly sand: brown, dry, loose, fine-medium grained	5.8	5.8	0.0	extreme	N.	EN	R	N.	E
į	0.25		2.9	6.1	<0.0	moderate	S.	R.	Ä	ĸ.	Ä
SB1	0.50		5.9	6.2	<0.0	extreme	CRS	9.4	0.01	<0.005	\$0.01 1
	1.00	Clayey gravelly sand: brown, dry, loose, tine-medlum grained Clayey gravelly sand: brown, dry, loose, fine-medlum grained	6.3	8.0	0.0 0.0 0.0 0.0	extreme	CRS	8.8 4.0	6.0	<0.005 <0.005	0.0
	0.00	Clayey sand with ~10% cobbles; brown, dry, loose, low plasticity, fine-medium grained	9.3	7.9	1.5	moderate	NR	RN	NB	NR	N.
	0.25	-~10% cobbles: brown, dry, loose, low plasticity, fine-medium	9.2	7.2	2.0	moderate	R	E E	Ä	ĸ.	Æ
SB2	0.50	Clayey sand with ~10% cobbles: brown, dry, loose, low plasticity, fine-medium grained	8.7	7.0	1.7	extreme	Œ.	£.	£.	£	E.
	0.75	Clayey sand with ~30% cobbles: brown, dry, loose, low plasticity, fine-medium grained	8.5	8.3	0.2	extreme	Œ.	Œ Z	¥:	Œ.	E I
	0.1	Clayey sand with ~30% cobbless, brown, dry, loose, low plasticity, fine-medium grained	Ø. 0	0.7	0.2	extreme	<u> </u>	E 2	¥ 2	<u> </u>	E 2
	00.0		- 0	6.0	0.00	moderate	2 0	2 0	2 0	5 0	2 0
	0.00	cuspey graventy sartio, usung submy, signing during, todas, to w plasticity, international grain are used. Clavey gravelik sand i oranne brown, signing damp, todasticity, internecium grained, ~20% cobbles.	7. 6	0 00	0.0	moderate	<u> </u>	2 2	<u> </u>	<u> </u>	2 2
SB3	0.50	Clavey gravely sand; grange brown, slightly damp, loose, low plasticity, fine-medium grained, ~20% cobbles	8 8	7.2	1.0	slight	Œ Z	E Z	£	ž	ž
	1.00		8.6	6.3	<0.0>	slight	Ω Ω	Ω.	Æ	Æ	Æ
	1.25		9.3	9.6	<0.0>	slight	NR	RN	NR	RN	R
	0.00	Clayey sandy gravel: red-brown, damp, plastic, fine-coarse, approx.y 20% clay	8.4	7.8	2.0	slight	NR	AN	NR	AN	R.
į	0.25	Clayey sandy gravel: red-brown, damp, plastic, fine-coarse, approx.y 20% clay	8.8	9.1	<0.0	extreme	ű.	۳ ا ک	¥ :	<u>E</u> !	۳ :
SB4	1.50	Clayey sand: red-brown, damp, low plasticity, fine-coarse grained	8.6	10.7	<0.0>	extreme	¥ i	ĭ.	Ϋ́	Υ (Υ I
	2.00	Ciayey sand: red-brown, damp, low plasticity, iline-coarse grained Clayey sand: red-brown, damp, low plasticity, fine-coarse prained	e e d r	10.6	0.00	extreme	<u> </u>	r a	¥	<u> </u>	<u> </u>
	000	Cally cand, brown dry longe fine-medium drained small shell framents within soil	0.0	6.6	2.0.0	slight	SBS	σσ	700	2000	50
	0.25		9.1	7.4	1.7	slight	CRS	10.1	0.0	<0.005	0.0
	0.50		9.1	7.0	2.1	slight	CRS	10.1	<0.01	<0.005	<0.01
SBS	1.00		9.5	7.7	1.8	moderate	CRS	10.0	<0.01	<0.005	<0.01
}	1.50		9.3	0.0	E. 5	slight	CRS	10.0 1	0.0	<0.005	0.0
	2.00	Sulfy sand crown, signify damp, loose, intermedating grained	2) (G. 5	0.00	signt	ž	<u>r</u> c	¥ 2	¥ 2	¥ 2
	2.50	Silv sand: Vown; signing damp, loose, fine-medium grained Silv sand: Vown; signing damp, loose, fine-medium grained Silv sand: Vown; signing damp, loose fine-medium resined	o, o	10.1	0.00	moderate	Ξg	Υ Ω Ζ Ζ	<u> </u>	<u> </u>	Υ Ω Ζ Ζ
	00.00	ong sanata orang sagnay ang mengang kacadan garang. Cijataov sanat brown elichtiv damp hose Inw plasticity anea	9.0	7.5	1.8	extreme	SBO	88	700	20002	000
	0.25	cuty of successions and supply design processions are supply to the supply successions and supply successions are supply successions. Supply successions are supply successions and supply successions are supply successions.	9 6	8.5	0.7	extreme	CRS	9.6	0.0	<0.005	40.0
1 WA/1	0.50		9.1	8.5	9.0	extreme	R	Æ.	Ä.	Æ.	E E
ANIA	0.75		9.1	9.7	1.5	moderate	R	Æ	Ä.	Æ	E E
	0.1		9.2	9.6	9.0	moderate	E :	E i	¥ :	£ :	£ :
	00.0	sand.	4. 0	- u	0.3	extreme	N O	20	N C	NA C	r č
	0.00	Clayby gladelly static upowit, uty, bobes, tow passurity, our coupues sector imi Clayby dravelly send: brown dry linese low classifier, 50,770s, orbitals, 2000 mm	2.0	2.0	2.0	moderate	2 2	9 g	0.0 E	00.00 an	0.0
MWZ	0.50		8.1	6.5	1.6	moderate	CRS	7.9	<0.01	<0.005	<0.01
	2.50	2	9.2	9.0	0.2	extreme	NR	RN	NR	RN	R
	0.00		9.7	7.3	2.4	moderate	CRS	9.6	0.07	<0.005	0.01
	0.25		E. 0	6.7 6.9	4.1	moderate	SES	6.6 0.7	0.0	40.005 Pa	0.0
	0.00	ciages satto, towns, dy, closes, low plasticity, filme granted, applicax, 9 covers and covers, town plasticity, filme granted applicax, 9 covers and covers by proceed by plasticity, filme granted applicax, 9 covers and c	0.6	0 0		extreme	<u> </u>	ς <u>α</u>	<u> </u>	<u> </u>	ς <u>α</u>
MW3	1.50	Clayey sand: brown, dry, loose, low plasticity, fine grained, approx.y 30% graver < 100 mm Clayey sand: brown, dry, loose, low plasticity, fine grained, approx.y 30% gravel < 180 mm	9.5	10.0	0.0	extreme	E E	Z E E	ž	E E	Ę Ę
	2.00	. 0	9.6	6.6	<0.0>	moderate	E E	Ξ E	Æ	Æ	ĸ.
	2.50	, dry, loose, low plasticity, fine grained, approx.y 30% gravel	9.8	9.4	0.4	extreme	۳ :	Æ :	¥ :	£ :	£ :
	3.00	Clayey sand: brown, dry, loose, low plasticity, line grained, approx.y 30% gravel < 180 mm	8.6	9.7	0.1	extreme	¥ į	Y C	¥ S	¥ :	Y C
	0.00	Siny sario: brown, dry, toose, non-plastic, line to medium grained, approxy surv. cobbes, line shell riagments Clavey gravet with cobbles and boulders: brown, damp, loose, low to medium plasticity	0 6	- 60	0.7	extreme	<u> </u>	<u> </u>	¥	<u> </u>	5 2
WW/4/4	1.00	Clayey gravel with cobbles and boulders: brown, damp, loose, low to medium plasticity	9.6	7.3	2.0	slight	CRS	9.5	<0.0>	<0.005	<0.0>
*	1.50	Clayey gravel with cobbles and boulders: brown, damp, bose, low to medium plasticity	9.4	9.6	<0.0>	extreme	E.	Æ	Æ	Æ.	E E
	2.00	gravel with cot	9.5	9.7	0.0	extreme	¥ 9	<u> </u>	¥ 9	¥ 2	<u> </u>
	2.50		9.1	2.8	0.0>	extreme	YE V	Υ α o	Y S	NH C	Z S
	1.00	crayey sarito, brown, damp, boose, mre-coarse gramed, sarr crushing at surface Clayey gravel: red-brown, damp, boose, medium plasticity, fine-medium grained	9. O	7.1	2.1	slight	CRS	9.6	0.00	<0.003	0.0
MMS	1.50	Clayey gravel: red-brown, damp, kose, medium plasticity, fine-medium grained	9.0	7.4	1.6	slight	CRS	6.6	<0.01	<0.005	<0.01
	2.00	Clayey gravel: red-brown, damp, loose, medium plasticity, fine-medium grained	8.9	9.8	0.3	slight	ĸ K	Σ Ω	Æ	Æ	٣ ٣
	5.50	Clayey gravel: red-brown, damp, loose, medium plasticity, fine-medium grained	8.0 1.0	7.8	5	slight	CRS	6.6 6	0.07	<0.005	0.07
DI IDO1	00.00		3.1	2.00	0.00	moderate	2 0	<u>ς</u> α	<u> </u>	<u> </u>	ς <u>α</u>
DUP02	0.00	- =	9.1	9.9	2.5	slight	CRS	9.3	0.0	<0.005	0.0
DUP03	0.00		9.5	8.9	5.6	slight	CRS	9.7	<0.01	<0.005	<0.01
DUP04	0.25	(MMV) Clayey sand: brown, dry, loose, low plasticity, fine grained, approx.y 30% gravel <180 mm	9.3	7.7	1.6	slight	CRS	9.7	<0.01	<0.005	<0.01
DUP05	1.50	(SBS) Sity sand: brown, slightly damp, loose, fine-medium grained (MMMS) Clausiv sand: brown damp, loose fine-poase grained, self-crieting at surface	တ်ထ	7.2	2.0	moderate	CRS	10.1	6.6	0.005	6.0
8	20.5	outo) outo.	3	2			Rec	aulatory Ass	sessment	2000	
						Potential plus ac	actual acidity	(S%)		0.03	
All analytic	al results in	All analytical results in %S, except pH (pH units)				Net acidity (%5	9)				0.03
Bold font in	ndicates reg	Bold font indicates result above the laboratory limit of reporting (LOR)									

All analytical results in %S, except pH (pH units)

Bold froit indicates result above the laboratory limt of reporting (LOR)

By each profit indicates result above the laboratory limt of reporting (LOR)

Figure shading indicates result equal to or above the DEC net acidity guideline for coarse textured soils (discounting acid neutralising capacity)

CRS. -Chromium Reducible Sultier

SGC - Chromium Reducible Sultier

TAA - Titratable Actual Acidity

NR- Analysis not requested

ASS Field Screening and Analytical Results (Water)
Burrup Nitrates TAN Production Facility
Table 2 - Inorganics

Militade Militade	Application 1985		Sample ID																				
4 mg/L mg	4.0. This inside the control of the control			Alkalinity (Bicarbonate)	Alkalinity (Carbonate)	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	V es sinommA	IstoT enoinA	Cations Total		Нуdrogen sulfide						Silica (Filtered)	Sulphate	ear	Hardness as CaCO3	Hardness by Calculation (Filtered)	suol jo muS
1	1			mg/L	mg/L	hg/L	mg/L	hg/L	_	-		mg/L		-		-			mg/L	mg/L	mg/L	mg/L	mg/L
3004/2011 420 420 420	10,04,02011 420 <1			-	1	1000	1	2		0.01	-								-	2	1	2	0
3004/2011 340 <1	3004/2011 340 <1 280 200 280 200 280 200	MW1	30/04/2011	420	۲×		320	38	-			<0.5	ဇှ					30,0	170	2000		260	1920
3004/2011 490 <1 400 54 5400 <0.05 19 <0.05 19 <0.05 19 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <	3004/2011 490 41 41 42 41 41 41 41 41	MW2	30/04/2011	340	۲ <u>۰</u>		280	200				<0.5	-					26,0		2000		520	2120
3004/2011 650 61 510 510 3800 6.0	3004/2011 650 61 510	MW3	30/04/2011	490	۲		400	54				<0.5	-					34,0		0086		1500	10,600
3004/2011 450 451 451	3004/2011 450 41 42 42 42 42 42 42 42	MW4	30/04/2011	630	۲ _۰		510	740				<0.5					- 80	19,0		0029		520	7710
3004/2011 380 <1 - 3 0	3004/2011 380 51	MW5	30/04/2011		۲	ļ.	370	99				<0.5	ļ.					10,0		130,000	,	19,000	148,000
3004/2011 3.0 5 6 7 7 8 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	3004/2011	DUP01	30/04/2011		۲×		310	47				<0.5	-1					31,0	170	2000		730	1930
14 3004/2011 3.50 5 5 5 5 5 5 5 5 5	18 3004/2011 2.	RIN1	30/04/2011																	1			
3004/2011 330 <1 <1000 330 ·1 32.2 30 781 · 3.52 1.22 <0.01 1.22 · 0.01 1.22 · 0.01 27.100 · 352 174 1950 and TRIPOT derived from parent sample MW1	3004/2011 330 <1 <1000 330 . 32.2 3.0 781 . 3.52 1.22 <0.01 1.22 . 0.01 1.22 . 0.01 27.100 . 352 174 1950 1950	Trip Blank															-						
Notes: DUPD1 and TIRIO1 deried from parent sample MW1	Notes: DUPO1 and TRIPIO1 derived from parent sample MW1 RIN1 derived from parent sample MW2	TRIP01	30/04/2011	330	7	<1000	330		32.2	30	781		3.52							1950	721		
DUP01 and TIRIPI derived from parent sample MW1	DUPO1 and TRIPIO1 derived from parent sample MW1 RIN1 derived from parent sample MW2	Notes:																					
	RIN1 derived from parent sample MW2	DUP01 and	nd TRIP01 deriv€	ed from parent sa	ample MW1																		

ASS Field Screening and Analytical Results (Water) Burrup Nitrates TAN Production Facility Table 3 - Metals

	ļ				ĺ			ļ	-	-	2	ŀ	ŀ	ĺ	ľ	ĺ	ľ		ľ	ĺ	
oalebee	Date	(bərəfli7) muinimulA	Arsenic (Filtered)	Cadmium (Filtered)	Calcium (Filtered)	Chromium (hexavalent)	Chromium (hexavalent) (Filtered)	Chromium (III+VI) (Filtered)	Chromium (Trivalent)	Chromium (Trivalent) (Filtered)	inon (Filtered)	Lead (Filtered)	(Filtered)	Мап <u>д</u> апе зе (Filtered)	Ме гсигу	Мегсигу (Filtered)	Phosphorus	Potassium (Filtered)	(Filtered)	Silicon (Filtered)	Zinc (Filtered)
		mg/L	mg/L	mg/L	mg/L	T/6w	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	hg/L	mg/L
		0.001	0.001	0.0001	0.2	0.002	0.01	0.001	0.005	0.01	0.005	0.001	0.1	0.001	0.00005	0.0001	0.01	0.1	0.002	50	0.001
MW1	30/04/2011	0.01	<0.001	<0.0001	200	<0.002	-	<0.001	<0.005		0.008	<0.001	63	0.17	<0.00005		90.0	10	<0.002	14,000	0.016
MW2	30/04/2011	0.005	<0.001	<0.0001	66	<0.002		<0.001	<0.005		<0.005	<0.001	> 99	<0.005 - 0.005	<0.00005		60.0	19	0.003	12,000	0.013
MW3	30/04/2011	0.013	<0.005	<0.0005	120	<0.002		<0.005	<0.005		<0.025	<0.005		0.02 - 0.022	<0.00005		0.16	130	<0.01	16,000	0.02
MW4	30/04/2011	<0.005	<0.005	<0.0005	39	<0.002	,	<0.005	<0.005		<0.025	<0.005	100	0.013 - 0.014	<0.00005	,	0.79	110	<0.01	8700	0.01
MW5	30/04/2011	<0.05	<0.05	<0.005	1000	0.01	,	<0.05	<0.005		<0.25	<0.05	4100	0.2 - 0.22	0.00011		0.11	1900	<0.1	4900	<0.05
DUP01	30/04/2011	600'0	<0.001	<0.0001	190	<0.002	-	<0.001	<0.005		0.008	<0.001	62	0.18 - 0.19	<0.00005		90.0	10	<0.002	14,000	0.05
RIN1	30/04/2011	0.002	<0.001	<0.0001	,	,	,	<0.001			<0.005	<0.001		<0.001	<0.00005			,	<0.002		600.0
Trip Blank	30/04/2011	<0.001	<0.001	<0.0001	,	<u>'</u>	,	<0.001			<0.005	<0.001		<0.001	<0.00005		,		<0.002		0.012
TRIP01	30/04/2011	0.01	<0.001	<0.0001	188	<u>.</u>	<0.01	<0.001		<0.01	<0.05	<0.001	61	0.139		<0.0001	,	12	<0.01		<0.005
Notes:																					
DUP01 and	DUP01 and TRIP01 derived from parent sample MW1	d from parent :	sample MW1																		
RIN1 derive	RIN1 derived from parent sample MW2	ample MW2																			
		-																			

ASS Field Screening and Analytical Results (Water) Burrup Nitrates TAN Production Facility Table 4 - TPH

			1 6	able 4	- 11	• •					
Sample ID	Date	>C10 - C16 Fraction	>C16 - C34 Fraction	>C34 - C40 Fraction	трн с6 - с9	TPH C10 - C14	TPH C15 - C28	трн С29-С36	TPH+C10 - C36 (Sum of total)	TPH C10 - C40 (Sum of total)	TPH C6-C10
									_		
		mg/L	mg/L	mg/L	μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	mg/L
		mg/L 0.1		mg/L 0.1							
MW1	30/04/2011		mg/L		μg/L	μg/L	μg/L	μg/L	μg/L	μg/L	mg/L
MW1 MW2	30/04/2011 30/04/2011	0.1	mg/L 0.1	0.1	μg/L 20	μg/L 50	μg/L 100	μg/L 50	μg/L 50	μg/L 100	mg/L
		0.1	mg/L 0.1	0.1	μg/L 20 <40	μg/L 50 <50	μg/L 100 <200	μg/L 50 <200	μg/L 50 <450	μg/L 100 -	mg/L 0.02
MW2 MW3 MW4	30/04/2011 30/04/2011 30/04/2011	0.1 - -	mg/L 0.1 -	0.1 - -	μg/L 20 <40 <40	μg/L 50 <50 <50 <50 <50	μg/L 100 <200 <200 <200 <200	μg/L 50 <200 <200 <200 <200	μg/L 50 <450 <450 <450	μg/L 100 - -	mg/L 0.02 -
MW2 MW3	30/04/2011 30/04/2011	0.1 - -	mg/L 0.1 - -	0.1 - -	μg/L 20 <40 <40 <40	μg/L 50 <50 <50 <50	μg/L 100 <200 <200 <200	μg/L 50 <200 <200 <200	μg/L 50 <450 <450 <450	μg/L 100 - -	mg/L 0.02 - -
MW2 MW3 MW4	30/04/2011 30/04/2011 30/04/2011	0.1 - - -	mg/L 0.1 - - -	0.1 - - -	μg/L 20 <40 <40 <40	μg/L 50 <50 <50 <50 <50	μg/L 100 <200 <200 <200 <200	μg/L 50 <200 <200 <200 <200	μg/L 50 <450 <450 <450	μg/L 100 - - -	mg/L 0.02 - - - -
MW2 MW3 MW4 MW5 DUP01 RIN1	30/04/2011 30/04/2011 30/04/2011 30/04/2011 30/04/2011 30/04/2011	0.1 - - - -	mg/L 0.1 - - - -	0.1 - - -	μg/L 20 <40 <40 <40 <40 <40	μg/L 50 <50 <50 <50 <50	μg/L 100 <200 <200 <200 <200 <200	μg/L 50 <200 <200 <200 <200 <200	μg/L 50 <450 <450 <450 <450	μg/L 100 - - - -	mg/L 0.02 - - - -
MW2 MW3 MW4 MW5 DUP01	30/04/2011 30/04/2011 30/04/2011 30/04/2011 30/04/2011	0.1 - - - -	mg/L 0.1		μg/L 20 <40 <40 <40 <40 <40	μg/L 50 <50 <50 <50 <50 <50 81	μg/L 100 <200 <200 <200 <200 <200 <200	μg/L 50 <200 <200 <200 <200 <200 <200	μg/L 50 <450 <450 <450 <450 281 <450	μg/L 100 - - - - -	mg/L 0.02 - - - - -

Notes:

DUP01 and TRIP01 derived from parent sample MW1 RIN1 derived from parent sample MW2

ASS Field Screening and Analytical Results (Water) Burrup Nitrates TAN Production Facility Table 5 - Groundwater Levels and Field Indicator Results

Sample ID	Date							
		Standing Water Level	рН	Temp	EC	DO	Redox	
			-			_		Other
		m AHD	Units	Deg. C	us/cm	mg/L	mV	Comments
MW1	29/04/2011	6.47	6.95	31.5	3100	2.43	-74	
MW2	29/04/2011	3.92	7.16	32.0	3540	2.74	57	
MW3	29/04/2011	2.83	7.30	30.6	16000	2.80	-100	Strong Odour
MW4	29/04/2011	2.55	7.64	30.6	12160	2.23	125	
MW5	29/04/2011	2.16	6.73	31.6	>10000	2.12	237	

Annex D

Chain Of Custody And Laboratory Reports





LABORATORY DETAILS CLIENT DETAILS -

Said Hirad Contact **Brent Carter** Manager

ERM Australia Pty Ltd Laboratory SGS Newburn Environmental Client Address PO Box 7338 Cloisters Square Address

10 Reid Rd PERTH WA 6850 Newburn WA 6105

08 9321 5200 (08) 9373 3500 Telephone Telephone 08 9321 5262 Facsimile (08) 9373 3556 Facsimile

au.environmental.perth@sgs.com Email brent.carter@erm.com Email

PE055190 R0 0086269 Burrup TAN Project SGS Reference (Not specified) 0000013524 Order Number Report Number 65 27 Jan 2011 Samples Date Reported 21 Jan 2011 Date Received

COMMENTS

The document is issued in accordance with NATA's accreditation requirements. Accredited for compliance with ISO/IEC 17025. NATA accredited laboratory 2562(898).

SIGNATORIES

Kurt Blackman

Inorganic Team Leader - Soils

S. Himmel

Said Hirad Laboratory Manager



PE055190 R0

	Sam	ple Number	PE055190.001	PE055190.002	PE055190.003	PE055190.004	PE055190.005
	Sa	mple Matrix	Soil	Soil	Soil	Soil	Soil
		mple Depth	0.0	0.25	0.50	0.75	1.00
		ample Date	17 Jan 2011 SB1_0.0	17 Jan 2011 SB1_0.25	17 Jan 2011 SB1_0.50	17 Jan 2011 SB1_0.75	17 Jan 2011 SB1_1.00
Barran dan		mple Name LOR	3B1_0.0	3B1_0.23	361_0.30	361_0.75	361_1.00
Parameter	Units	LUR					
Field pH for Acid Sulphate Soil Method: AN104							
PHf	pH Units	-	5.8	5.9	5.9	6.3	7.7
PHfox	pH Units	-	5.8	6.1	6.2	7.3	8.0
Reaction*	No unit	-	extreme	moderate	extreme	extreme	extreme
pH Difference*	pH Units	-	0.0	<0.0	<0.0	<0.0	<0.0
		ple Number	PE055190.006	PE055190.007	PE055190.008	PE055190.009	PE055190.010
		mple Matrix mple Depth	Soil 0.0	Soil 0.25	Soil 0.50	Soil 0.0	Soil 1.0
		ample Depth	0.0 17 Jan 2011	0.25 17 Jan 2011	0.50 17 Jan 2011	0.0 17 Jan 2011	1.0 18 Jan 2011
		mple Name	SB3_0.0	SB3_0.25	SB3_0.50	DUP_01	SB3_1.0
Parameter	Units	LOR					
Field pH for Acid Sulphate Soil Method: AN104							
PHf	pH Units	-	7.2	8.1	8.2	7.6	8.6
PHfox	pH Units	-	6.9	8.3	7.2	6.8	9.3
Reaction*	No unit	-	moderate	moderate	slight	moderate	slight
pH Difference*	pH Units	-	0.3	<0.0	1.0	0.8	<0.0
				1			
	Sam	ple Number	PE055190.011	PE055190.012	PE055190.013	PE055190.014	PE055190.015
	Sa	mple Matrix	Soil	Soil	Soil	Soil	Soil
		mple Depth	1.25	0.0	0.25	0.50	0.75
		ample Date	18 Jan 2011 SB3_1.25	18 Jan 2011 MW1_0.0	18 Jan 2011 MW1_0.25	18 Jan 2011 MW1_0.50	18 Jan 2011 MW1_0.75
Parameter.			363_1.23	WWW 1_0.0	WW 1_0.23	14144 1_0.50	WW 1_0.75
Parameter	Units	LOR					
Field pH for Acid Sulphate Soil Method: AN104							
PHf	pH Units	-	9.3	9.2	9.2	9.1	9.1
PHfox	pH Units	-	9.9	7.5	8.5	8.5	7.6
Reaction*	NI a vimit						
	No unit	-	slight	extreme	extreme	extreme	moderate
pH Difference*	pH Units	-	slight <0.0	extreme 1.8	extreme 0.7	extreme 0.6	moderate 1.5
pH Difference*	pH Units	-	<0.0	1.8	0.7	0.6	1.5
pH Difference*	pH Units	- ple Number	<0.0 PE055190.016	1.8 PE055190.017	0.7 PE055190.018	0.6 PE055190.019	1.5 PE055190.020
pH Difference*	pH Units Sam Sal	ple Number mple Matrix	<0.0 PE055190.016 Soil	1.8 PE055190.017 Soil	0.7 PE055190.018 Soil	0.6 PE055190.019 Soil	1.5 PE055190.020 Soil
pH Difference*	pH Units Sam Sai	ple Number mple Matrix mple Depth	<0.0 PE055190.016 Soil 1.0	1.8 PE055190.017 Soil 1.5	0.7 PE055190.018 Soil 0.0	0.6 PE055190.019 Soil 0.25	1.5 PE055190.020 Soil 0.5
pH Difference*	pH Units Sam Sal Sa	ple Number mple Matrix	<0.0 PE055190.016 Soil	1.8 PE055190.017 Soil	0.7 PE055190.018 Soil	0.6 PE055190.019 Soil	1.5 PE055190.020 Soil
pH Difference*	pH Units Sam Sal Sa	ple Number mple Matrix mple Depth ample Date	<0.0 PE055190.016 Soil 1.0 18 Jan 2011	1.8 PE055190.017 Soil 1.5 18 Jan 2011	0.7 PE055190.018 Soil 0.0 18 Jan 2011	0.6 PE055190.019 Soil 0.25 18 Jan 2011	1.5 PE055190.020 Soil 0.5 18 Jan 2011
	pH Units Sam Sai Sa Sa	ple Number mple Matrix mple Depth sample Date mple Name	<0.0 PE055190.016 Soil 1.0 18 Jan 2011	1.8 PE055190.017 Soil 1.5 18 Jan 2011	0.7 PE055190.018 Soil 0.0 18 Jan 2011	0.6 PE055190.019 Soil 0.25 18 Jan 2011	1.5 PE055190.020 Soil 0.5 18 Jan 2011
Parameter	pH Units Sam Sai Sa Sa	ple Number mple Matrix mple Depth sample Date mple Name	<0.0 PE055190.016 Soil 1.0 18 Jan 2011	1.8 PE055190.017 Soil 1.5 18 Jan 2011	0.7 PE055190.018 Soil 0.0 18 Jan 2011	0.6 PE055190.019 Soil 0.25 18 Jan 2011	1.5 PE055190.020 Soil 0.5 18 Jan 2011
Parameter Field pH for Acid Sulphate Soil Method: AN104	pH Units Sam Sai Sa Sa Sa Units	ple Number mple Matrix mple Depth ample Date mple Name LOR	<0.0 PE055190.016 Soil 1.0 18 Jan 2011 MW1_1.0	1.8 PE055190.017 Soil 1.5 18 Jan 2011 MW1_1.5	0.7 PE055190.018 Soil 0.0 18 Jan 2011 SB2_0.0	0.6 PE055190.019 Soil 0.25 18 Jan 2011 SB2_0.25	1.5 PE055190.020 Soil 0.5 18 Jan 2011 SB2_0.5
Parameter Field pH for Acid Sulphate Soil Method: AN104 PHf	pH Units Sam Sai Sa Sa Sa Units	ple Number mple Matrix mple Depth ample Date mple Name LOR	<0.0 PE055190.016 Soil 1.0 18 Jan 2011 MW1_1.0	1.8 PE055190.017 Soil 1.5 18 Jan 2011 MW1_1.5	0.7 PE055190.018 Soil 0.0 18 Jan 2011 SB2_0.0	0.6 PE055190.019 Soil 0.25 18 Jan 2011 SB2_0.25	1.5 PE055190.020 Soil 0.5 18 Jan 2011 SB2_0.5
Parameter Field pH for Acid Sulphate Soil Method: AN104 PHf PHfox	pH Units Sam Sai Sa Sa Units PH Units PH Units	ple Number mple Matrix mple Depth ample Date mple Name LOR	<0.0 PE055190.016 Soil 1.0 18 Jan 2011 MW1_1.0 9.2 8.6	1.8 PE055190.017 Soil 1.5 18 Jan 2011 MW1_1.5	0.7 PE055190.018 Soil 0.0 18 Jan 2011 SB2_0.0	0.6 PE055190.019 Soil 0.25 18 Jan 2011 SB2_0.25	1.5 PE055190.020 Soil 0.5 18 Jan 2011 SB2_0.5

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	Sam	ple Number	PE055190.021	PE055190.022	PE055190.023	PE055190.024	PE055190.025
	Sa	mple Matrix	Soil	Soil	Soil	Soil	Soil
		mple Depth	0.75	1.0	1.25	0.0	0.25
		ample Date	18 Jan 2011	18 Jan 2011	18 Jan 2011	18 Jan 2011	18 Jan 2011
		mple Name	SB2_0.75	SB2_1.0	SB2_1.25	MW2_0.0	MW2_0.25
Parameter	Units	LOR					
Field pH for Acid Sulphate Soil Method: AN104							
PHf	pH Units	-	8.5	8.9	8.1	8.2	7.9
PHfox	pH Units	-	8.3	8.7	8.9	5.6	7.0
Reaction*	No unit	-	extreme	extreme	extreme	moderate	moderate
pH Difference*	pH Units	-	0.2	0.2	<0.0	2.6	1.0
		ple Number	PE055190.026	PE055190.027	PE055190.028	PE055190.029	PE055190.030
		mple Matrix	Soil 0.50	Soil 2.50	Soil 0.0	Soil 0.25	Soil 0.50
		mple Depth ample Date	0.50 18 Jan 2011	2.50 18 Jan 2011	0.0 18 Jan 2011	0.25 18 Jan 2011	0.50 18 Jan 2011
		mple Name	MW2_0.50	MW2_2.5	MW3_0.0	MW3_0.25	MW3_0.5
Parameter	Units	LOR					
Field pH for Acid Sulphate Soil Method: AN104	<u> </u>						
PHf	pH Units	_	8.1	9.2	9.7	9.3	9.0
PHfox	pH Units	-	6.5	9.0	7.3	7.9	8.3
Reaction*	· ·	-					
	No unit	-	moderate	extreme	moderate	moderate	moderate
pH Difference*	pH Units	-	1.6	0.2	2.4	1.4	0.7
			_				
	Com	nla Number	DE055400 024	DE055400 022	DE066400 022		
		ple Number	PE055190.031 Soil	PE055190.032 Soil	PE055190.033 Soil	PE055190.034 Soil	PE055190.035 Soil
	Sa	ple Number mple Matrix mple Depth	PE055190.031 Soil 0.90	PE055190.032 Soil 1.50	PE055190.033 Soil 2.0	PE055190.034 Soil 2.50	PE055190.035 Soil 3.0
	Sa Sa	mple Matrix	Soil	Soil	Soil	Soil	Soil
	Sa Sa S	mple Matrix mple Depth	Soil 0.90	Soil 1.50	Soil 2.0	Soil 2.50	Soil 3.0
Parameter	Sa Sa S	mple Matrix mple Depth ample Date	Soil 0.90 18 Jan 2011	Soil 1.50 18 Jan 2011	Soil 2.0 18 Jan 2011	Soil 2.50 18 Jan 2011	Soil 3.0 18 Jan 2011
Parameter Field pH for Acid Sulphate Soil Method: AN104	Sal Sa S Sa	mple Matrix mple Depth sample Date imple Name	Soil 0.90 18 Jan 2011	Soil 1.50 18 Jan 2011	Soil 2.0 18 Jan 2011	Soil 2.50 18 Jan 2011	Soil 3.0 18 Jan 2011
	Sal Sa S Sa	mple Matrix mple Depth sample Date imple Name	Soil 0.90 18 Jan 2011	Soil 1.50 18 Jan 2011	Soil 2.0 18 Jan 2011	Soil 2.50 18 Jan 2011	Soil 3.0 18 Jan 2011
Field pH for Acid Sulphate Soil Method: AN104	Sai Sa S Sa Units	mple Matrix mple Depth cample Date imple Name LOR	Soil 0.90 18 Jan 2011 MW3_0.9	Soil 1.50 18 Jan 2011 MW3_1.5	Soil 2.0 18 Jan 2011 MW3_2.0	Soil 2.50 18 Jan 2011 MW3_2.5	Soil 3.0 18 Jan 2011 MW3_3.0
Field pH for Acid Sulphate Soil Method: AN104 PHf	Sal Sal Sal Units	mple Matrix mple Depth ample Date imple Name LOR	Soil 0.90 18 Jan 2011 MW3_0.9	Soil 1.50 18 Jan 2011 MW3_1.5	Soil 2.0 18 Jan 2011 MW3_2.0	Soil 2.50 18 Jan 2011 MW3_2.5	Soil 3.0 18 Jan 2011 MW3_3.0
Field pH for Acid Sulphate Soil Method: AN104 PHf PHfox	Sal Sal Sal Units	mple Matrix mple Depth ample Date mple Name LOR	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3	Soil 1.50 18 Jan 2011 MW3_1.5	Soil 2.0 18 Jan 2011 MW3_2.0 9.6 9.9	Soil 2.50 18 Jan 2011 MW3_2.5 9.8 9.4	Soil 3.0 18 Jan 2011 MW3_3.0
PHf PHfox Reaction* Method: AN104	Sal Sal Sal Units PH Units PH Units No unit	mple Matrix mple Depth ample Date mple Name LOR	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme	Soil 1.50 18 Jan 2011 MW3_1.5	Soil 2.0 18 Jan 2011 MW3_2.0 9.6 9.9 moderate	Soil 2.50 18 Jan 2011 MW3_2.5 9.8 9.4 extreme	Soil 3.0 18 Jan 2011 MW3_3.0 9.8 9.7 extreme
PHf PHfox Reaction* Method: AN104	Sal Sal Sal Sal Sal Sal Sal Sal Sal Sal	mple Matrix mple Depth ample Date mple Name LOR	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme 0.3	9.7 10.0 extreme	9.6 9.9 moderate	9.8 9.4 extreme 0.4 PE055190.039	9.8 9.7 extreme 0.1
PHf PHfox Reaction* Method: AN104	Sal Sa Sa Units PH Units PH Units No unit PH Units	mple Matrix mple Depth ample Date mple Name LOR	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme 0.3	Soil 1.50 18 Jan 2011 MW3_1.5 9.7 10.0 extreme <0.0 PE055190.037 Soil	Soil 2.0 18 Jan 2011 MW3_2.0 9.6 9.9 moderate <0.0 PE055190.038 Soil	Soil 2.50 18 Jan 2011 MW3_2.5 9.8 9.4 extreme 0.4 PE055190.039 Soil	Soil 3.0 18 Jan 2011 MW3_3.0 9.8 9.7 extreme 0.1 PE055190.040 Soil
PHf PHfox Reaction* Method: AN104	Sal Sa Sa Units PH Units PH Units No unit PH Units Sam Sai Sai	mple Matrix mple Depth ample Date mple Name LOR ple Number mple Matrix mple Depth	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme 0.3 PE055190.036 Soil 0.0	Soil 1.50 18 Jan 2011 MW3_1.5 9.7 10.0 extreme <0.0 PE055190.037 Soil 0.25	Soil 2.0 18 Jan 2011 MW3_2.0 9.6 9.9 moderate <0.0 PE055190.038 Soil 0.50	9.8 9.4 extreme 0.4 PE055190.039 Soil 1.0	Soil 3.0 18 Jan 2011 MW3_3.0 9.8 9.7 extreme 0.1 PE055190.040 Soil 1.50
PHf PHfox Reaction* Method: AN104	PH Units PH Units PH Units No unit PH Units Sam Sal Sa	mple Matrix mple Depth ample Date imple Name LOR ple Number mple Matrix mple Depth ample Date	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme 0.3 PE055190.036 Soil 0.0	9.7 10.0 extreme <0.0 PE055190.037 Soil 0.25 18 Jan 2011	9.6 9.9 moderate <0.0 PE055190.038 Soil 0.50 18 Jan 2011	9.8 9.4 extreme 0.4 PE055190.039 Soil 1.0 18 Jan 2011	9.8 9.7 extreme 0.1 PE055190.040 Soil 1.50 18 Jan 2011
PHf PHfox Reaction* pH Difference*	PH Units PH Units PH Units No unit PH Units Sam Sa Sa Sa Sa	mple Matrix mple Depth ample Date imple Name LOR ple Number mple Matrix mple Depth ample Date imple Name	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme 0.3 PE055190.036 Soil 0.0	Soil 1.50 18 Jan 2011 MW3_1.5 9.7 10.0 extreme <0.0 PE055190.037 Soil 0.25	Soil 2.0 18 Jan 2011 MW3_2.0 9.6 9.9 moderate <0.0 PE055190.038 Soil 0.50	9.8 9.4 extreme 0.4 PE055190.039 Soil 1.0	Soil 3.0 18 Jan 2011 MW3_3.0 9.8 9.7 extreme 0.1 PE055190.040 Soil 1.50
PHf PHfox Reaction* Method: AN104	PH Units PH Units PH Units No unit PH Units Sam Sal Sa	mple Matrix mple Depth ample Date imple Name LOR ple Number mple Matrix mple Depth ample Date	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme 0.3 PE055190.036 Soil 0.0	9.7 10.0 extreme <0.0 PE055190.037 Soil 0.25 18 Jan 2011	9.6 9.9 moderate <0.0 PE055190.038 Soil 0.50 18 Jan 2011	9.8 9.4 extreme 0.4 PE055190.039 Soil 1.0 18 Jan 2011	9.8 9.7 extreme 0.1 PE055190.040 Soil 1.50 18 Jan 2011
PHf PHfox Reaction* pH Difference* Parameter Field pH for Acid Sulphate Soil Method: AN104	Sal Sa Sa Units PH Units PH Units No unit PH Units Sam Sal Sa Units	mple Matrix mple Depth ample Date imple Name LOR ple Number mple Matrix mple Depth ample Date imple Name LOR	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme 0.3 PE055190.036 Soil 0.0 18 Jan 2011 SB5_0.0	Soil 1.50 18 Jan 2011 MW3_1.5 9.7 10.0 extreme <0.0 PE055190.037 Soil 0.25 18 Jan 2011 SB5_0.25	Soil 2.0 18 Jan 2011 MW3_2.0 9.6 9.9 moderate <0.0 PE055190.038 Soil 0.50 18 Jan 2011 SB5_0.5	Soil 2.50 18 Jan 2011 MW3_2.5 9.8 9.4 extreme 0.4 PE055190.039 Soil 1.0 18 Jan 2011 SB5_1.0	Soil 3.0 18 Jan 2011 MW3_3.0 9.8 9.7 extreme 0.1 PE055190.040 Soil 1.50 18 Jan 2011 SB5_1.5
PHf PHfox Reaction* pH Difference* Parameter Field pH for Acid Sulphate Soil Method: AN104 PHf	Sal Sa Units PH Units PH Units No unit PH Units Sam Sal Sa Units PH Units	mple Matrix mple Depth ample Date imple Name LOR ple Number mple Matrix mple Depth ample Date imple Name LOR	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme 0.3 PE055190.036 Soil 0.0 18 Jan 2011 SB5_0.0	Soil 1.50 18 Jan 2011 MW3_1.5 9.7 10.0 extreme <0.0 PE055190.037 Soil 0.25 18 Jan 2011 SB5_0.25	Soil 2.0 18 Jan 2011 MW3_2.0 9.6 9.9 moderate <0.0 PE055190.038 Soil 0.50 18 Jan 2011 SB5_0.5	Soil 2.50 18 Jan 2011 MW3_2.5 9.8 9.4 extreme 0.4 PE055190.039 Soil 1.0 18 Jan 2011 SB5_1.0	Soil 3.0 18 Jan 2011 MW3_3.0 9.8 9.7 extreme 0.1 PE055190.040 Soil 1.50 18 Jan 2011 SB5_1.5
PHf PHfox Parameter Field pH for Acid Sulphate Soil Method: AN104 PHf PHfox Reaction* pH Difference* Parameter Field pH for Acid Sulphate Soil Method: AN104 PHf PHfox	Sal Sal Sal Units PH Units PH Units No unit PH Units Sam Sal Sal Sal Units PH Units PH Units	mple Matrix mple Depth ample Date mple Name LOR ple Number mple Matrix mple Depth ample Date imple Name LOR	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme 0.3 PE055190.036 Soil 0.0 18 Jan 2011 SB5_0.0	Soil 1.50 18 Jan 2011 MW3_1.5 9.7 10.0 extreme <0.0 PE055190.037 Soil 0.25 18 Jan 2011 SB5_0.25 9.1 7.4	Soil 2.0 18 Jan 2011 MW3_2.0 9.6 9.9 moderate <0.0 PE055190.038 Soil 0.50 18 Jan 2011 SB5_0.5	Soil 2.50 18 Jan 2011 MW3_2.5 9.8 9.4 extreme 0.4 PE055190.039 Soil 1.0 18 Jan 2011 SB5_1.0 9.5 7.7	Soil 3.0 18 Jan 2011 MW3_3.0 9.8 9.7 extreme 0.1 PE055190.040 Soil 1.50 18 Jan 2011 SB5_1.5
PHf PHfox Reaction* pH Difference* Parameter Field pH for Acid Sulphate Soil Method: AN104 PHf	Sal Sa Units PH Units PH Units No unit PH Units Sam Sal Sa Units PH Units	mple Matrix mple Depth ample Date imple Name LOR ple Number mple Matrix mple Depth ample Date imple Name LOR	Soil 0.90 18 Jan 2011 MW3_0.9 9.6 9.3 extreme 0.3 PE055190.036 Soil 0.0 18 Jan 2011 SB5_0.0	Soil 1.50 18 Jan 2011 MW3_1.5 9.7 10.0 extreme <0.0 PE055190.037 Soil 0.25 18 Jan 2011 SB5_0.25	Soil 2.0 18 Jan 2011 MW3_2.0 9.6 9.9 moderate <0.0 PE055190.038 Soil 0.50 18 Jan 2011 SB5_0.5	Soil 2.50 18 Jan 2011 MW3_2.5 9.8 9.4 extreme 0.4 PE055190.039 Soil 1.0 18 Jan 2011 SB5_1.0	Soil 3.0 18 Jan 2011 MW3_3.0 9.8 9.7 extreme 0.1 PE055190.040 Soil 1.50 18 Jan 2011 SB5_1.5

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pH Difference*

ANALYTICAL REPORT

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	Sami	ple Number	PE055190.041	PE055190.042	PE055190.043	PE055190.044	PE055190.045
	Sar	mple Matrix	Soil	Soil	Soil	Soil	Soil
	Sa	mple Depth	2.0	2.50	3.0	0.0	0.25
		ample Date	18 Jan 2011	18 Jan 2011	18 Jan 2011	18 Jan 2011	18 Jan 2011
	Sa	mple Name	SB5_2.0	SB5_2.5	SB5_3.0	SB4_0.0	SB4_0.25
Parameter	Units	LOR					
Field pH for Acid Sulphate Soil Method: AN104							
PHf	pH Units	-	9.4	9.5	9.2	8.4	8.8
PHfox	pH Units	-	9.5	10.1	9.7	7.8	9.1
Reaction*	No unit	-	slight	moderate	slight	slight	extreme
pH Difference*	pH Units	-	<0.0	<0.0	<0.0	0.7	<0.0
	Sam	ple Number	PE055190.046	PE055190.047	PE055190.048	PE055190.049	PE055190.050
		mple Matrix	Soil	Soil	Soil	Soil	Soil
		mple Depth	1.50	2.0	2.50	0.0	1.0
		ample Date	18 Jan 2011	18 Jan 2011	18 Jan 2011	18 Jan 2011	18 Jan 2011
		mple Name	SB4_1.5	SB4_2.0	SB4_2.5	MW5_0.0	MW5_1.0
Parameter	Units	LOR					
Field pH for Acid Sulphate Soil Method: AN104							
PHf	pH Units	-	9.8	9.2	9.5	8.4	9.1
PHfox	pH Units	-	10.7	9.7	10.6	7.3	7.1
Reaction*	No unit	-	extreme	extreme	extreme	moderate	slight
pH Difference*	pH Units	-	<0.0	<0.0	<0.0	1.2	2.1
	Sami	ple Number	PE055190.051	PE055190.052	PE055190.053	PE055190.054	PE055190.055
		mple Matrix	Soil	Soil	Soil	Soil	Soil
	Sa	mple Depth	1.50	2.5	2.0	3.0	0.0
		ample Date	18 Jan 2011	18 Jan 2011	18 Jan 2011	18 Jan 2011	18 Jan 2011
	Sa	mple Name	MW5_1.5	MW5_2.5	MW5_2.0	MW5_3.0	MW4_0.0
Parameter	Units	LOR					
Field pH for Acid Sulphate Soil Method: AN104							
PHf	pH Units	-	9.0	8.9	8.9	9.1	8.8
PHf PHfox	pH Units	-	9.0	8.9 7.8	8.9 8.6	9.1 9.2	8.8 8.1
PHfox	pH Units	-	7.4	7.8	8.6	9.2	8.1
PHfox Reaction*	pH Units No unit	-	7.4 slight	7.8 slight	8.6 slight	9.2 slight	8.1 moderate
PHfox Reaction*	pH Units No unit pH Units	-	7.4 slight	7.8 slight	8.6 slight	9.2 slight	8.1 moderate 0.7
PHfox Reaction*	pH Units No unit pH Units Samp	- - ple Number nple Matrix	7.4 slight 1.6 PE055190.056 Soil	7.8 slight 1.1 PE055190.057 Soil	8.6 slight 0.3 PE055190.058 Soil	9.2 slight <0.0 PE055190.059 Soil	8.1 moderate 0.7 PE055190.060 Soil
PHfox Reaction*	pH Units No unit pH Units Samp	ple Number mple Matrix mple Depth	7.4 slight 1.6 PE055190.056 Soil 0.50	7.8 slight 1.1 PE055190.057 Soil 1.0	8.6 slight 0.3 PE055190.058 Soil 1.50	9.2 slight <0.0 PE055190.059 Soil 2.0	8.1 moderate 0.7 PE055190.060 Soil 2.5
PHfox Reaction*	pH Units No unit pH Units Samp Sarr Sar	ole Number nple Matrix mple Depth ample Date	7.4 slight 1.6 PE055190.056 Soil 0.50 18 Jan 2011	7.8 slight 1.1 PE055190.057 Soil 1.0 18 Jan 2011	8.6 slight 0.3 PE055190.058 Soil 1.50 18 Jan 2011	9.2 slight <0.0 PE055190.059 Soil 2.0 18 Jan 2011	8.1 moderate 0.7 PE055190.060 Soil 2.5 18 Jan 2011
PHfox Reaction* pH Difference*	pH Units No unit pH Units Samp Sar Sar Sar Sa	ple Number nple Matrix mple Depth ample Date mple Name	7.4 slight 1.6 PE055190.056 Soil 0.50	7.8 slight 1.1 PE055190.057 Soil 1.0	8.6 slight 0.3 PE055190.058 Soil 1.50	9.2 slight <0.0 PE055190.059 Soil 2.0	8.1 moderate 0.7 PE055190.060 Soil 2.5
PHfox Reaction*	pH Units No unit pH Units Samp Sarr Sar	ole Number nple Matrix mple Depth ample Date	7.4 slight 1.6 PE055190.056 Soil 0.50 18 Jan 2011	7.8 slight 1.1 PE055190.057 Soil 1.0 18 Jan 2011	8.6 slight 0.3 PE055190.058 Soil 1.50 18 Jan 2011	9.2 slight <0.0 PE055190.059 Soil 2.0 18 Jan 2011	8.1 moderate 0.7 PE055190.060 Soil 2.5 18 Jan 2011
PHfox Reaction* pH Difference*	pH Units No unit pH Units Samp Sar Sar Sar Sa	ple Number nple Matrix mple Depth ample Date mple Name	7.4 slight 1.6 PE055190.056 Soil 0.50 18 Jan 2011	7.8 slight 1.1 PE055190.057 Soil 1.0 18 Jan 2011	8.6 slight 0.3 PE055190.058 Soil 1.50 18 Jan 2011	9.2 slight <0.0 PE055190.059 Soil 2.0 18 Jan 2011	8.1 moderate 0.7 PE055190.060 Soil 2.5 18 Jan 2011
PHfox Reaction* pH Difference* Parameter	pH Units No unit pH Units Samp Sar Sar Sar Sa	ple Number nple Matrix mple Depth ample Date mple Name	7.4 slight 1.6 PE055190.056 Soil 0.50 18 Jan 2011	7.8 slight 1.1 PE055190.057 Soil 1.0 18 Jan 2011	8.6 slight 0.3 PE055190.058 Soil 1.50 18 Jan 2011	9.2 slight <0.0 PE055190.059 Soil 2.0 18 Jan 2011	8.1 moderate 0.7 PE055190.060 Soil 2.5 18 Jan 2011
PHfox Reaction* pH Difference* Parameter Field pH for Acid Sulphate Soil Method: AN104	pH Units No unit pH Units Samp Sarr Sarr Sarr Sarr Units	ple Number mple Matrix mple Depth ample Date mple Name LOR	7.4 slight 1.6 PE055190.056 Soil 0.50 18 Jan 2011 MW4_0.5	7.8 slight 1.1 PE055190.057 Soil 1.0 18 Jan 2011 MW4_1.0	8.6 slight 0.3 PE055190.058 Soil 1.50 18 Jan 2011 MW4_1.5	9.2 slight <0.0 PE055190.059 Soil 2.0 18 Jan 2011 MW4_2.0	8.1 moderate 0.7 PE055190.060 Soil 2.5 18 Jan 2011 MW4_2.5
PHfox Reaction* pH Difference* Parameter Field pH for Acid Sulphate Soil Method: AN104 PHf	pH Units No unit pH Units Samp Sars Sars Sars Units	ole Number mple Matrix mple Depth ample Date mple Name LOR	7.4 slight 1.6 PE055190.056 Soil 0.50 18 Jan 2011 MW4_0.5	7.8 slight 1.1 PE055190.057 Soil 1.0 18 Jan 2011 MW4_1.0	8.6 slight 0.3 PE055190.058 Soil 1.50 18 Jan 2011 MW4_1.5	9.2 slight <0.0 PE055190.059 Soil 2.0 18 Jan 2011 MW4_2.0	8.1 moderate 0.7 PE055190.060 Soil 2.5 18 Jan 2011 MW4_2.5

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	San Sar Sar	ole Number mple Matrix mple Depth ample Date mple Name	Soil 0.0 18 Jan 2011	PE055190.062 Soil 0.0 18 Jan 2011 DUP03	PE055190.063 Soil 0.25 18 Jan 2011 DUP04	PE055190.064 Soil 1.5 18 Jan 2011 DUP05	PE055190.065 Soil 0.0 18 Jan 2011 DUP06
Parameter	Units	LOR					
Field pH for Acid Sulphate Soil Method: AN104							
PHf	pH Units	-	9.1	9.5	9.3	9.3	8.3
PHfox	pH Units	-	6.6	6.8	7.7	7.2	6.9
Reaction*	No unit	-	slight	slight	slight	moderate	moderate
pH Difference*	pH Units	-	2.5	2.6	1.6	2.0	1.4

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104

Parameter	QC Reference	Units	LOR	MB	DUP %RPD
PHf	LB013150	pH Units	-	5.2 - 9.2	0 - 2%
PHfox	LB013150	pH Units	-	5.7 - 5.9	0 - 2%

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METHOD SUMMARY

METHOD -

METHODOLOGY SUMMARY

AN104

pHF is determined on an extract of approximately 2g of as received sample in approximately 10 mL of deionised water with pH determined after standing 30 minutes.

AN104

pHFox is determined on an extract of approximately 2g of as received sample with a few mLs of 30% hydrogen peroxide (adjusted to pH 4.5 to 5.5) with the extract reaction being rated from slight to extreme, with pH determined after reaction is complete and extract has cooled. Referenced to ASS Laboratory Methods Guidelines, method 23Af-Bf, 2004.

QC result is above the upper tolerance

QC result is below the lower tolerance

The sample was not analysed for this analyte

FOOTNOTES .

IS Insufficient sample for analysis.

LNR Sample listed, but not received.

This analysis is not covered by the scope of accreditation.

^ Performed by outside laboratory.

LOR Limit of Reporting

 $\uparrow\downarrow$ Raised or Lowered Limit of Reporting

Samples analysed as received.

Solid samples expressed on a dry weight basis.

Some totals may not appear to add up because the total is rounded after adding up the raw values.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf

QFH

QFL

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STATEMENT OF QA/QC PERFORMANCE **AGAINST DATA QUALITY OBJECTIVES**

PE055190 R0

CLIENT DETAILS . LABORATORY DETAILS

Brent Carter Said Hirad Contact Manager

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brent.carter@erm.com au.environmental.perth@sgs.com Email Email

PE055190 R0 0086269 Burrup TAN Project SGS Reference 0000013525 (Not specified) Order Number Report Number 27 Jan 2011 65 Samples Date Reported

- COMMENTS

Address

All the laboratory data for each environmental matrix was compared to the SGS Environmental Services' stated data quality objectives (DQO).

Comments arising from the comparison were made and are reported below.

The data relating to sampling was taken from the chain of custody document and was supplied by the client.

This QA/QC statement must be read in conjunction with the referenced analytical report.

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All Data Quality Objectives were met.

SAMPLE SUMMARY

COC 65 soils Sample counts by matrix Type of documentation received Date documentation received 21/1/2011 Samples received in good order Yes Samples received without headspace Sample temperature upon receipt Sample container provider SGS Turnaround time requested Standard Samples received in correct containers Sufficient sample for analysis Yes Yes Sample cooling method Samples clearly labelled Ice Yes Complete documentation received Yes Number of eskies/boxes received 5

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HOLDING TIME SUMMARY

HOLDING TIMES

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field sampling guide for containers and holding time" (Ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1: 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

The extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and Analysis dates are shown in Green when within suggested criteria and in **Bold** with an appended dagger symbol and Red† when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
		W. 4						
Field pH for Acid Sulphate S								
SB1_0.0	PE055190.001	LB013150	17 Jan 2011	21 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011
SB1_0.25	PE055190.002	LB013150	17 Jan 2011	21 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011
SB1_0.50	PE055190.003	LB013150	17 Jan 2011	21 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011
SB1_0.75	PE055190.004	LB013150	17 Jan 2011	21 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011
SB1_1.00	PE055190.005	LB013150	17 Jan 2011	21 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011
SB3_0.0	PE055190.006	LB013150	17 Jan 2011	21 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011
SB3_0.25	PE055190.007	LB013150	17 Jan 2011	21 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011
B3_0.50	PE055190.008	LB013150	17 Jan 2011	21 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011
DUP_01	PE055190.009	LB013150	17 Jan 2011	21 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011	24 Jan 2011
SB3_1.0	PE055190.010	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
SB3_1.25	PE055190.011	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
/IW1_0.0	PE055190.012	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
WW1_0.25	PE055190.013	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
/IW1_0.50	PE055190.014	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
/IW1_0.75	PE055190.015	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
WW1_1.0	PE055190.016	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
/IW1_1.5	PE055190.017	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
SB2_0.0	PE055190.018	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
BB2_0.25	PE055190.019	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
BB2_0.5	PE055190.020	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
B2_0.75	PE055190.021	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
BB2_1.0	PE055190.022	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
BB2_1.25	PE055190.023	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
/IW2_0.0	PE055190.024	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
/IW2_0.25	PE055190.025	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW2_0.50	PE055190.026	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW2_2.5	PE055190.027	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW3_0.0	PE055190.028	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
//W3_0.0	PE055190.028	LB013150						
			18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW3_0.5	PE055190.030	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
WW3_0.9	PE055190.031	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW3_1.5	PE055190.032	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW3_2.0	PE055190.033	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
/IW3_2.5	PE055190.034	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
/IW3_3.0	PE055190.035	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
SB5_0.0	PE055190.036	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
B5_0.25	PE055190.037	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
BB5_0.5	PE055190.038	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
SB5_1.0	PE055190.039	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
B5_1.5	PE055190.040	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
B5_2.0	PE055190.041	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
B5_2.5	PE055190.042	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
B5_3.0	PE055190.043	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
BB4_0.0	PE055190.044	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
SB4_0.25	PE055190.045	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
B4_1.5	PE055190.046	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
B4_2.0	PE055190.047	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
SB4_2.5	PE055190.048	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW5_0.0	PE055190.049	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW5_1.0	PE055190.050	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011

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HOLDING TIME SUMMARY

HOLDING TIMES

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field sampling guide for containers and holding time" (Ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1: 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

The extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and Analysis dates are shown in Green when within suggested criteria and in Bold with an appended dagger symbol and Red† when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
			_					
MW5_1.5	PE055190.051	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW5_2.5	PE055190.052	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW5_2.0	PE055190.053	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW5_3.0	PE055190.054	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW4_0.0	PE055190.055	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW4_0.5	PE055190.056	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW4_1.0	PE055190.057	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW4_1.5	PE055190.058	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW4_2.0	PE055190.059	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
MW4_2.5	PE055190.060	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
DUP02	PE055190.061	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
DUP03	PE055190.062	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
DUP04	PE055190.063	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
DUP05	PE055190.064	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011
DUP06	PE055190.065	LB013150	18 Jan 2011	21 Jan 2011	25 Jan 2011	24 Jan 2011	25 Jan 2011	24 Jan 2011

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Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

No Surrogates were required for this job.

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METHOD BLANKS

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

		Control	BLK MB
Parameter	Units	LOR	
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.001			
PHf	pH Units	-	5.2
PHfox	pH Units	-	5.7
LB013150.024			
PHf	pH Units	-	8.7
PHfox	pH Units	-	5.7
LB013150.047			
PHf	pH Units	-	9.2
PHfox	pH Units	-	5.7
LB013150.070		·	
PHf	pH Units	-	9.0
PHfox	pH Units	-	5.9

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DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Sample Name			PE05519	0.010-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104						
LB013150.012						
PHf	pH Units	-	8.6	8.5	30	1
PHfox	pH Units	-	9.3	9.3	30	0
	Sa	mple Name		PE05519	90.020-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104						
LB013150.023						
PHf	pH Units	-	8.7	8.6	30	2
PHfox	pH Units	-	7.0	7.1	30	2
				<u> </u>		I
	Sa	mple Name		PE05519	90.030-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104						
LB013150.035						
PHf	pH Units	-	9.0	9.2	30	1
PHfox	pH Units	-	8.3	8.2	30	1
						l.
	Sa	mple Name		PE05519	90.040-DUP	
Parameter	Sa Units	mple Name LOR	Original Result	PE05519	00.040-DUP Criteria %	RPD %
			Original Result			RPD %
Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046			Original Result			RPD %
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046	Units		Original Result			RPD %
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104		LOR		Duplicate Result	Criteria %	
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046 PHf	Units PH Units PH Units	LOR	9.3	Duplicate Result 9.4 8.1	30 30	0
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046 PHf	Units PH Units PH Units	LOR -	9.3	Duplicate Result 9.4 8.1	Criteria %	0
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046 PHf	Units PH Units PH Units	LOR	9.3	Duplicate Result 9.4 8.1	30 30	0
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046 PHf PHfox	Units pH Units pH Units Sa	LOR mple Name	9.3 8.0	9.4 8.1	30 30 30 00.050-DUP	0 1
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046 PHf PHfox	Units pH Units pH Units Sa	LOR mple Name	9.3 8.0	9.4 8.1	30 30 30 00.050-DUP	0 1
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046 PHf PHfox Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104	Units pH Units pH Units Sa	LOR mple Name	9.3 8.0	9.4 8.1	30 30 30 00.050-DUP	0 1
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046 PHf PHfox Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.058	PH Units PH Units Sa Units	LOR mple Name	9.3 8.0 Original Result	9.4 8.1 PE05519 Duplicate Result	30 30 30 00.050-DUP Criteria %	0 1 RPD %
PHf Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.058 PHf	PH Units pH Units Sa Units PH Units PH Units	LOR	9.3 8.0 Original Result	9.4 8.1 PE05518 Duplicate Result 9.0 7.1	30 30 30 00.050-DUP Criteria %	0 1 RPD %
PHf Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.058 PHf	PH Units pH Units Sa Units PH Units PH Units	LOR mple Name LOR	9.3 8.0 Original Result	9.4 8.1 PE05518 Duplicate Result 9.0 7.1	30 30 30 00.050-DUP Criteria %	0 1 RPD %
PHf Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.058 PHf	PH Units pH Units Sa Units PH Units PH Units	LOR	9.3 8.0 Original Result	9.4 8.1 PE05518 Duplicate Result 9.0 7.1	30 30 30 00.050-DUP Criteria %	0 1 RPD %
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046 PHf PHfox Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.058 PHf PHfox	PH Units PH Units Sa Units PH Units PH Units PH Units Sa	LOR - mple Name LOR - mple Name	9.3 8.0 Original Result	9.4 8.1 PE05518 Duplicate Result 9.0 7.1	30 30 30 30 00.050-DUP Criteria %	0 1 RPD %
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046 PHf PHfox Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.058 PHf PHfox	PH Units PH Units Sa Units PH Units PH Units PH Units Sa	LOR - mple Name LOR - mple Name	9.3 8.0 Original Result	9.4 8.1 PE05518 Duplicate Result 9.0 7.1	30 30 30 30 00.050-DUP Criteria %	0 1 RPD %
Field pH for Acid Sulphate Soil LB013150.046 PHf PHfox Parameter Field pH for Acid Sulphate Soil LB013150.058 PHf PHfox Method: ME-(AU)-[ENV]AN104 LB013150.058 Parameter Field pH for Acid Sulphate Soil LB013150.058	PH Units PH Units Sa Units PH Units PH Units PH Units Units	LOR - mple Name LOR - mple Name	9.3 8.0 Original Result	9.4 8.1 PE05518 Duplicate Result 9.0 7.1	30 30 30 30 00.050-DUP Criteria %	0 1 RPD %
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.046 PHf PHfox Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.058 PHf PHfox Parameter Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104	PH Units PH Units Sa Units PH Units PH Units PH Units Sa	LOR	9.3 8.0 Original Result 9.1 7.1	9.4 8.1 PE05519 Duplicate Result 9.0 7.1 PE05519 Duplicate Result	30 30 30 30 30 00.050-DUP Criteria %	0 1 RPD %

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Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Sample Name			PE05519		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Field pH for Acid Sulphate Soil Method: ME-(AU)-[ENV]AN104 LB013150.076						
PHf	pH Units	-	8.3	8.4	30	1
PHfox	pH Units	-	6.9	6.9	30	1

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LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

No LCS were required for this job.

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QUALITY CONTROL - MATRIX SPIKES

Matrix spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report. Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

No Matrix Spikes were required for this job.

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MATRIX SPIKE DUPLICATES



Matrix spike duplicates are calculated as relative percent difference using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean
The original result is the analyte concentration of the matrix spike and the replicate result is the analyte concentration of the matrix spike duplicate.
The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

No Matrix Spike Duplicates were required for this job.

FOOTNOTES

IS Insufficient sample for analysis. LNR Sample listed, but not received.

NATA Accreditation does not cover this analysis.

^ Performed by outside laboratory.

LOR Limit of Reporting

QFH QC result is above the upper tolerance
QFL QC result is below the lower tolerance
NA The sample was not analysed for this analyte

Samples analysed as received. Solid samples expressed on a dry weight basis.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf

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CLIENT DETAILS _____ LABORATORY DETAILS

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 Project
 0086269 Burrup TAN
 SGS Reference
 PE055190A R0

 Order Number
 (Not specified)
 Report Number
 0000014088

 Samples
 24
 Date Reported
 08 Feb 2011

 Date Received
 31 Jan 2011

COMMENTS

The document is issued in accordance with NATA's accreditation requirements.

Accredited for compliance with ISO/IEC 17025. NATA accredited laboratory 2562(898/20210).

Liming rate calculated using a Fineness factor of 1.5 (which is equivalent to finely divided Ag Lime <0.5mm) and Neutralising Value (NV) of 100%.

If using Liming Material <100% NV, then Liming Rate can be adusted as follows:
Actual Liming Rate equals Calculated Liming Rate times 100 divided by NV of
actual Liming Material Bulk Density of Material of 1g/cm3 assumed.

If Bulk Density differs from 1g/cm3 then Liming rate can be adjusted as follows: Actual Liming Rate equals Calculated Liming Rate times Actual Bulk Density

SIGNATORIES

Kurt Blackman

15

Inorganic Team Leader - Soils

S. Hims

Said Hirad Laboratory Manager



		pie Number		PE055190A.015	
		nple Matrix ample Date	Soil 18 Jan 2011	Soil 18 Jan 2011	
		mple Name	MW1_0.0	MW1_0.75	
Parameter	Units	LOR			
TAA SPOCAS Method: AN219					
pH KCI*	pH Units	-	8.8	9.4	
Titratable Actual Acidity	kg H2SO4/T	0.25	<0.25	<0.25	
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	<5	<5	
Titratable Actual Acidity (TAA) S%w/w	%w/w S	0.01	<0.01	<0.01	
Sulphur (SKCI)	%w/w	0.005	-	-	
Calcium (CaKCI)	%w/w	0.005	-	-	
Magnesium (MgKCI)	%w/w	0.005	-	-	
Chromium Reducible Sulphur (CRS) Method: AN2	17				
Chromium Reducible Sulphur (Scr)	%	0.005	<0.005	<0.005	
Chromium Reducible Sulphur (Scr)	moles H+/T	5	<5	<5	
Chromium Reducible Sulphur (Scr)	kg H2SO4/T	0.005	<0.005	<0.005	
Net Acidity Calculations Method: AN220					
s-Net Acidity	%w/w S	0.01	<0.01	<0.01	
a-Net Acidity	moles H+/T	5	<5	<5	
Liming Rate*	kg CaCO3/T	0.1	-	-	
Verification s-Net Acidity*	%w/w S	0.01	-	-	
a-Net Acidity without ANCE*	moles H+/T	5	<5	<5	
Liming Rate without ANCE*	kg CaCO3/T	0.1	-	-	
Acid Neutralising Capacity (ANC) Method: AN214					
Acid Neutralisation Capacity (ANCBT) as % CaCO ₃	% CaCO3	0.1	2.1	34	
Acid Neutralisation Capacity (ANCBT) as kg H ₂ SO ₄ /t	kg H2SO4/T	0.1	20	330	
Acid Neutralisation Capacity (ANCBT) as kg H ₂ SO ₄ /t ANC as % CaCO ₃	kg H2SO4/T % CaCO3	0.1	20 2.1	330 34	
ANC as % CaCO ₃	% CaCO3	0.1	2.1	34	
ANC as % CaCO ₃	% CaCO3 % CaCO3	0.1 0.1 ple Number	2.1 2.1 PE055190A.018	34 34 PE055190A.019	
ANC as % CaCO ₃	% CaCO3 % CaCO3 Samp	0.1 0.1 ple Number	2.1 2.1 PE055190A.018 Soil	34 34 PE055190A.019 Soil	Soil
ANC as % CaCO ₃	% CaCO3 % CaCO3 Samp Sair Sair	0.1 0.1 ple Number	2.1 2.1 PE055190A.018	34 34 PE055190A.019	PE055190A.020 Soil 18 Jan 2011 SB2_0.5
ANC as % CaCO ₃	% CaCO3 % CaCO3 Samp Sair Sair	0.1 0.1 ple Number mple Matrix ample Date	2.1 2.1 PE055190A.018 Soil 18 Jan 2011	34 34 PE055190A.019 Soil 18 Jan 2011	Soil 18 Jan 2011
ANC as % CaCO ₃	% CaCO3 % CaCO3 Samp Sair Sair	0.1 0.1 ple Number mple Matrix ample Date	2.1 2.1 PE055190A.018 Soil 18 Jan 2011	34 34 PE055190A.019 Soil 18 Jan 2011	Soil 18 Jan 2011
ANC as % CaCO ₃ Lime Equivalence	% CaCO3 % CaCO3 Samp Sar Sar Sa	0.1 0.1 ble Number mple Matrix ample Date mple Name	2.1 2.1 PE055190A.018 Soil 18 Jan 2011	34 34 PE055190A.019 Soil 18 Jan 2011	Soil 18 Jan 2011
ANC as % CaCO ₃ Lime Equivalence Parameter	% CaCO3 % CaCO3 Samp Sar Sar Sa	0.1 0.1 ble Number mple Matrix ample Date mple Name	2.1 2.1 PE055190A.018 Soil 18 Jan 2011	34 34 PE055190A.019 Soil 18 Jan 2011	Soil 18 Jan 2011
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219	% CaCO3 % CaCO3 Samp San San San Units	0.1 0.1 Die Number nple Matrix ample Date mple Name	2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0	34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25	Soil 18 Jan 2011 SB2_0.5
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI*	% CaCO3 % CaCO3 Samp Satistics Samp Satistics Samp Satistics Samp Satistics Samp Satistics Samp Satistics Samp Satistics Samp Satistics Samp Satistics Samp Satistics	0.1 0.1 Die Number nple Matrix ample Date mple Name LOR	2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0	34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25	Soil 18 Jan 2011 SB2_0.5
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity	% CaCO3 % CaCO3 % CaCO3 Samp Satistic Satistic	0.1 0.1 Die Number nple Matrix ample Date mple Name LOR - 0.25	2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0	34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25	Soil 18 Jan 2011 SB2_0.5
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne	% CaCO3 % CaCO3 % CaCO3 Samp Samp Samp Samp Samp Samp Samp Samp	0.1 0.1 Die Number nple Matrix ample Date mple Name LOR 0.25 5	2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5	34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w	% CaCO3 % CaCO3 % CaCO3 Samp Samp Samp Samp Samp Samp Samp Samp	0.1 0.1 0.1 Die Number nple Matrix ample Date mple Name LOR 0.25 5 0.01	2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01	34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5 <0.01
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI)	% CaCO3 % CaCO3 % CaCO3 Samp Sar Sa Sa Units PH Units kg H2SO4/T moles H+/T %w/w S %w/w	0.1 0.1 0.1 0.1 Die Number nple Matrix ample Date mple Name LOR - 0.25 5 0.01 0.005	2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01 -	34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01 -	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5 <0.01
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI)	% CaCO3 % CaCO3 % CaCO3 % CaCO3 Samp Samp Samp Samp Samp Samp Samp Samp	0.1 0.1 0.1 Die Number nple Matrix ample Date mple Name LOR - 0.25 5 0.01 0.005 0.005	2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01 -	34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01 -	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5 <0.01 -
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI)	% CaCO3 % CaCO3 % CaCO3 % CaCO3 Samp Samp Samp Samp Samp Samp Samp Samp	0.1 0.1 0.1 Die Number nple Matrix ample Date mple Name LOR - 0.25 5 0.01 0.005 0.005	2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01 -	34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01 -	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5 <0.01 -
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: AN24	% CaCO3 % CaCO3 % CaCO3 Sam, Sai Sai Sai Units PH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01	34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5 <0.01
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCl* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCl) Calcium (CaKCl) Magnesium (MgKCl) Chromium Reducible Sulphur (CRS) Method: AN24 Chromium Reducible Sulphur (Scr)	% CaCO3 % CaCO	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01 <	34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01 <0.005	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5 <0.01 <0.005
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCl* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCl) Calcium (CaKCl) Magnesium (MgKCl) Chromium Reducible Sulphur (CRS) Method: AN24 Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr)	% CaCO3 % CaCO	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01 <0.005 <5	34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01 <0.005 <5	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5 <0.01 <0.005 <5
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: AN23 Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr)	% CaCO3 % CaCO	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01 <0.005 <5	34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01 <0.005 <5	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5 <0.01 <0.005 <55
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCl* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCl) Calcium (CaKCl) Magnesium (MgKCl) Chromium Reducible Sulphur (CRS) Method: AN2: Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Net Acidity Calculations Method: AN220	% CaCO3 % CaCO	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01 <0.005 <5 <0.005	34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01 <0.005 <5 <0.005	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5 <0.01 <0.005 <5 <0.005
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCl* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCl) Calcium (CaKCl) Magnesium (MgKCl) Chromium Reducible Sulphur (CRS) Method: AN2 Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Net Acidity Calculations Method: AN220 s-Net Acidity	% CaCO3 % CaCO	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01 <0.005 <5 <0.005	34 34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01 <0.005 <5 <0.005	Soil 18 Jan 2011 SB2_0.5 8.9 <0.25 <5 <0.01 <0.005 <5 <0.005
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: AN22 Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) S-Net Acidity Calculations Method: AN220 s-Net Acidity a-Net Acidity	% CaCO3 % CaCO3 % CaCO3 % CaCO3 Sam, Sai Sai Sai Units pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w %w/w %w/w %w/w %w/	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01 <0.005 <5 <0.005 <5 <0.001 <5	34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01 <0.005 <5 <0.005 <0.001 <5	8.9 <0.25 <5 <0.01 - <0.005 <5 <0.005 <5 <0.005 <5 <0.005
ANC as % CaCO ₃ Lime Equivalence Parameter TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: AN22 Chromium Reducible Sulphur (Scr) S-Net Acidity Calculations Method: AN220 s-Net Acidity Liming Rate*	% CaCO3 % CaCO3 % CaCO3 % CaCO3 Samy Sat Samy Sat Samy Sat Samy Sat Samy Sat Samy Sat Samy Sat Samy Sat Samy Sat Samy Sat Samy Sat Samy Sat Sat Sat Sat Sat Sat Sat Sat Sat Sat	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.1 2.1 PE055190A.018 Soil 18 Jan 2011 SB2_0.0 9.4 <0.25 <5 <0.01 <0.005 <5 <0.005 <5	34 34 34 34 PE055190A.019 Soil 18 Jan 2011 SB2_0.25 8.4 <0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5	8.9 <0.25 <5 <0.01 <0.005 <5 <0.005 <5

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	Sample Number Sample Matrix Sample Date Sample Name		PE055190A.018 Soil 18 Jan 2011 SB2_0.0	PE055190A.019 Soil 18 Jan 2011 SB2_0.25	PE055190A.020 Soil 18 Jan 2011 SB2_0.5
Parameter	Units	LOR			
Acid Neutralising Capacity (ANC) Method: AN214					
Acid Neutralisation Capacity (ANCBT) as % CaCO₃	% CaCO3	0.1	4.4	0.8	4.4
Acid Neutralisation Capacity (ANCBT) as kg H ₂ SO ₄ /t	kg H2SO4/T	0.1	43	7.5	43
ANC as % CaCO₃	% CaCO3	0.1	4.4	0.8	4.4
Lime Equivalence	% CaCO3	0.1	4.4	0.8	4.4

	\$	mple Number Sample Matrix Sample Date Sample Name	PE055190A.024 Soil 18 Jan 2011 MW2_0.0
Parameter	Units	LOR	

TAA SPOCAS Method: AN219

pH KCI*	pH Units	-	8.0
Titratable Actual Acidity	kg H2SO4/T	0.25	<0.25
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	<5
Titratable Actual Acidity (TAA) S%w/w	%w/w S	0.01	<0.01
Sulphur (SKCI)	%w/w	0.005	-
Calcium (CaKCI)	%w/w	0.005	-
Magnesium (MgKCI)	%w/w	0.005	-

Chromium Reducible Sulphur (CRS) Method: AN217

Chromium Reducible Sulphur (Scr)	%	0.005	<0.005
Chromium Reducible Sulphur (Scr)	moles H+/T	5	<5
Chromium Reducible Sulphur (Scr)	kg H2SO4/T	0.005	0.006

Net Acidity Calculations Method: AN220

s-Net Acidity	%w/w S	0.01	<0.01
a-Net Acidity	moles H+/T	5	<5
Liming Rate*	kg CaCO3/T	0.1	-
Verification s-Net Acidity*	%w/w S	0.01	-
a-Net Acidity without ANCE*	moles H+/T	5	<5
Liming Rate without ANCE*	kg CaCO3/T	0.1	-

Acid Neutralising Capacity (ANC) Method: AN214

Acid Neutralisation Capacity (ANCBT) as % CaCO₃	% CaCO3	0.1	0.9
Acid Neutralisation Capacity (ANCBT) as kg H ₂ SO ₄ /t	kg H2SO4/T	0.1	8.6
ANC as % CaCO₃	% CaCO3	0.1	0.9
Lime Equivalence	% CaCO3	0.1	0.9

	Samp Sam	Number le Matrix aple Date ble Name	PE055190A.026 Soil 18 Jan 2011 MW2_0.50	PE055190A.028 Soil 18 Jan 2011 MW3_0.0	PE055190A.029 Soil 18 Jan 2011 MW3_0.25
Parameter	Units	LOR			

TAA SPOCAS Method: AN219

pH KCI*	pH Units	-	7.9	9.6	9.7
Titratable Actual Acidity	kg H2SO4/T	0.25	<0.25	<0.25	<0.25
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	<5	<5	<5
Titratable Actual Acidity (TAA) S%w/w	%w/w S	0.01	<0.01	<0.01	<0.01
Sulphur (SKCI)	%w/w	0.005	-	-	-
Calcium (CaKCI)	%w/w	0.005	-	-	-
Magnesium (MgKCI)	%w/w	0.005	-	-	-

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Sample Number PE055190A.026 PE055190A.028 PE055190A.029

	S	mple Matrix ample Date mple Name	Soil 18 Jan 2011 MW2_0.50	Soil 18 Jan 2011 MW3_0.0	Soil 18 Jan 2011 MW3_0.25		
Parameter	Units	LOR					
Chromium Reducible Sulphur (CRS) Method: A	N217						
Chromium Reducible Sulphur (Scr)	%	0.005	<0.005	<0.005	<0.005		
Chromium Reducible Sulphur (Scr)	moles H+/T	5	<5	<5	<5		
Chromium Reducible Sulphur (Scr)	kg H2SO4/T	0.005	<0.005	0.006	<0.005		
Net Acidity Calculations Method: AN220	J						
s-Net Acidity	%w/w S	0.01	<0.01	<0.01	<0.01		
a-Net Acidity	moles H+/T	5	<5	<5	<5		
Liming Rate*	kg CaCO3/T	0.1	-	-	-		
Verification s-Net Acidity*	%w/w S	0.01	-	-	-		
a-Net Acidity without ANCE*	moles H+/T	5	<5	<5	<5		
Liming Rate without ANCE*	kg CaCO3/T	0.1	-	-	-		
Acid Neutralising Capacity (ANC) Method: AN2	14						
Acid Neutralisation Capacity (ANCBT) as % CaCO ₃	% CaCO3	0.1	0.8	6.5	8.0		
Acid Neutralisation Capacity (ANCBT) as kg H ₂ SO ₄ /t	kg H2SO4/T	0.1	7.5	64	79		
ANC as % CaCO₃	% CaCO3	0.1	0.8	6.5	8.0		
Lime Equivalence	% CaCO3	0.1	0.8	6.5	8.0		
	Sar Sar	ole Number nple Matrix ample Date mple Name	PE055190A.036 Soil 18 Jan 2011 SB5_0.0	PE055190A.037 Soil 18 Jan 2011 SB5_0.25	PE055190A.038 Soil 18 Jan 2011 SB5_0.5	PE055190A.039 Soil 18 Jan 2011 SB5_1.0	PE055190A.040 Soil 18 Jan 2011 SB5_1.5
Parameter TAA SPOCAS Method: AN219	Units	LOR					
TAA SPOCAS Method: AN219			00	40.4	40.4	40.0	40.0
TAA SPOCAS Method: AN219 pH KCI*	pH Units	-	9.9	10.1	10.1	10.0	10.0
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity	pH Units kg H2SO4/T	0.25	<0.25	<0.25	<0.25	<0.25	<0.25
TAA SPOCAS Method: AN219 PH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne	pH Units kg H2SO4/T moles H+/T	- 0.25 5	<0.25 <5	<0.25 <5	<0.25 <5	<0.25 <5	<0.25 <5
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w	pH Units kg H2SO4/T moles H+/T %w/w S	- 0.25 5 0.01	<0.25 <5 <0.01	<0.25 <5 <0.01	<0.25 <5 <0.01	<0.25 <5 <0.01	<0.25 <5 <0.01
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w	- 0.25 5 0.01 0.005	<0.25 <5 <0.01	<0.25 <5 <0.01	<0.25 <5 <0.01	<0.25 <5 <0.01	<0.25 <5 <0.01
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w	0.25 5 0.01 0.005	<0.25 <5 <0.01	<0.25 <5 <0.01	<0.25 <5 <0.01	<0.25 <5 <0.01	<0.25 <5 <0.01
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w	- 0.25 5 0.01 0.005	<0.25 <5 <0.01 -	<0.25 <5 <0.01	<0.25 <5 <0.01 -	<0.25 <5 <0.01 -	<0.25 <5 <0.01 -
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w	0.25 5 0.01 0.005	<0.25 <5 <0.01 -	<0.25 <5 <0.01	<0.25 <5 <0.01 -	<0.25 <5 <0.01 -	<0.25 <5 <0.01 -
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w	- 0.25 5 0.01 0.005 0.005	<0.25 <5 <0.01 - -	<0.25 <5 <0.01 - -	<0.25 <5 <0.01 - -	<0.25 <5 <0.01 - -	<0.25 <5 <0.01 - - -
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w %w/w	- 0.25 5 0.01 0.005 0.005 0.005	<0.25 <5 <0.01 - - - -	<0.25 <5 <0.01 - - - -	<0.25 <5 <0.01 <0.005	<0.25 <5 <0.01 <0.005	<0.25 <5 <0.01 - - - - <0.005
TAA SPOCAS Method: AN219 PH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w %w/w moles H+/T	- 0.25 5 0.01 0.005 0.005 0.005	<0.25 <5 <0.01 <0.005 <5	<0.25 <5 <0.01 <0.005 <5	<0.25 <5 <0.01 <0.005 <5	<0.25 <5 <0.01 <0.005 <5	<0.25 <5 <0.01 - - - - <0.005 <5
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w %w/w moles H+/T	- 0.25 5 0.01 0.005 0.005 0.005	<0.25 <5 <0.01 <0.005 <5	<0.25 <5 <0.01 <0.005 <5	<0.25 <5 <0.01 <0.005 <5	<0.25 <5 <0.01 <0.005 <5	<0.25 <5 <0.01 - - - - <0.005 <5
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Method: AN220	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w 1N217 % moles H+/T kg H2SO4/T	- 0.25 5 0.01 0.005 0.005 0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Net Acidity Calculations Method: AN220 s-Net Acidity	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w 1N217 % moles H+/T kg H2SO4/T	0.25 5 0.01 0.005 0.005 0.005 0.005 5 0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Servet Acidity Calculations Method: AN220 servet Acidity a-Net Acidity	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w 1N217 % moles H+/T kg H2SO4/T	0.25 5 0.01 0.005 0.005 0.005 0.005 5 0.005	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5 <0.001 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5 <0.001 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.001 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5 <0.001 <5
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Servet Acidity Calculations Method: AN220 servet Acidity Liming Rate*	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w 1N217 % moles H+/T kg H2SO4/T %w/w S moles H+/T kg CaCO3/T	0.25 5 0.01 0.005 0.005 0.005 0.005 5 0.005 0.01 5	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5 - 0.001 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.001 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5 - 0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5 - 0.001 <5
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Servet Acidity Calculations Method: AN220 s-Net Acidity Liming Rate* Verification s-Net Acidity*	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w N217 % moles H+/T kg H2SO4/T %w/w S moles H+/T kg CaCO3/T %w/w S	0.25 5 0.01 0.005 0.005 0.005 0.005 5 0.005 0.01 5 0.1	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Servet Acidity Calculations Method: AN220 s-Net Acidity Liming Rate* Verification s-Net Acidity* a-Net Acidity without ANCE*	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w .N217 % moles H+/T kg H2SO4/T %w/w S moles H+/T kg CaCO3/T %w/w S moles H+/T	0.25 5 0.01 0.005 0.005 0.005 0.005 5 0.005 0.01 5 0.1	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5
TAA SPOCAS Method: AN219 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Servet Acidity Calculations Method: AN220 servet Acidity a-Net Acidity Liming Rate* Verification s-Net Acidity* a-Net Acidity without ANCE* Liming Rate without ANCE*	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w .N217 % moles H+/T kg H2SO4/T %w/w S moles H+/T kg CaCO3/T %w/w S moles H+/T	0.25 5 0.01 0.005 0.005 0.005 0.005 5 0.005 0.01 5 0.1	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5
TAA SPOCAS Method: AN219 PH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Servet Acidity Calculations Method: AN220 s-Net Acidity a-Net Acidity Liming Rate* Verification s-Net Acidity* a-Net Acidity without ANCE* Liming Rate without ANCE* Acid Neutralising Capacity (ANC) Method: AN2	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w .N217 moles H+/T kg H2SO4/T %w/w S moles H+/T kg CaCO3/T %w/w S moles H+/T kg CaCO3/T	0.25 5 0.01 0.005 0.005 0.005 0.005 5 0.005 0.01 5 0.1 0.1	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5
PH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: A Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Net Acidity Calculations Method: AN220 s-Net Acidity a-Net Acidity Liming Rate* Verification s-Net Acidity* a-Net Acidity without ANCE* Liming Rate without ANCE* Acid Neutralisation Capacity (ANC) Method: AN2 Acid Neutralisation Capacity (ANCBT) as % CaCO ₃	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w N217 % moles H+/T kg H2SO4/T %w/w S moles H+/T kg CaCO3/T %w/w S Moles H+/T kg CaCO3/T %w/w S Moles H+/T kg CaCO3/T	0.25 5 0.01 0.005 0.005 0.005 0.005 5 0.005 0.005 0.01 5 0.1	<0.25 <5 <0.01 <0.005 <5 <0.005 <5	<0.25 <5 <0.01	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.01 <5 333	<0.25 <5 <0.01 <0.005 <5 <0.005 <0.001 <5	<0.25 <5 <0.01 <0.005 <5 <0.005 <5

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a-Net Acidity without ANCE*

Liming Rate without ANCE*

ANALYTICAL REPORT

	San Sa	ole Number nple Matrix ample Date mple Name	PE055190A.049 Soil 18 Jan 2011 MW5_0.0	PE055190A.050 Soil 18 Jan 2011 MW5_1.0	
Parameter	Units	LOR			
TAA SPOCAS Method: AN219					
pH KCI*	pH Units	-	9.8	9.8	
Titratable Actual Acidity	kg H2SO4/T	0.25	<0.25	<0.25	
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	<5	<5	
Titratable Actual Acidity (TAA) S%w/w	%w/w S	0.01	<0.01	<0.01	
Sulphur (SKCI)	%w/w %w/w	0.005	-	-	
Calcium (CaKCI) Magnesium (MgKCI)	%w/w	0.005	-		
Chromium Reducible Sulphur (CRS) Method:					
Chromium Reducible Sulphur (Scr)	%	0.005	<0.005	<0.005	
Chromium Reducible Sulphur (Scr)	moles H+/T	5	<5	<5	
Chromium Reducible Sulphur (Scr)	kg H2SO4/T	0.005	<0.005	<0.005	
Net Acidity Calculations Method: AN220					
s-Net Acidity	%w/w S	0.01	<0.01	<0.01	
a-Net Acidity	moles H+/T	5	<5	<5	
Liming Rate*	kg CaCO3/T	0.1	-	-	
Verification s-Net Acidity*	%w/w S	0.01	-	-	
a-Net Acidity without ANCE*	moles H+/T	5	<5	<5	
Liming Rate without ANCE*	kg CaCO3/T	0.1	-	-	
ANC as % CaCO ₃ Lime Equivalence	% CaCO3 % CaCO3	0.1	35 35	60 60	
	San Sa	ole Number nple Matrix ample Date mple Name	PE055190A.051 Soil 18 Jan 2011 MW5_1.5	PE055190A.05 Soil 18 Jan 2011 MW5_2.5	
Parameter		LOB			
	Units	LOR			
TAA SPOCAS Method: AN219	Units	LUK			
			00		
pH KCI*	pH Units	-	9.9	9.9	
pH KCI* Titratable Actual Acidity	pH Units kg H2SO4/T	0.25	<0.25	<0.25	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne	pH Units kg H2SO4/T moles H+/T	- 0.25 5	<0.25 <5	<0.25 <5	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w	pH Units kg H2SO4/T moles H+/T %w/w S	- 0.25 5 0.01	<0.25 <5 <0.01	<0.25 <5 <0.01	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H*/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w	- 0.25 5 0.01 0.005	<0.25 <5 <0.01	<0.25 <5	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w	- 0.25 5 0.01 0.005	<0.25 <5 <0.01	<0.25 <5 <0.01	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H*/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w	- 0.25 5 0.01 0.005	<0.25 <5 <0.01 - -	<0.25 <5 <0.01 -	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w	- 0.25 5 0.01 0.005	<0.25 <5 <0.01 - -	<0.25 <5 <0.01 -	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method:	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w	- 0.25 5 0.01 0.005 0.005	<0.25 <5 <0.01 - -	<0.25 <5 <0.01 - -	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: Chromium Reducible Sulphur (Scr)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w %w/w	- 0.25 5 0.01 0.005 0.005 0.005	<0.25 <5 <0.01 - - - -	<0.25 <5 <0.01 - - - -	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w %w/w AN217	- 0.25 5 0.01 0.005 0.005 0.005	<0.25 <5 <0.01 <0.005 <5	<0.25 <5 <0.01 <0.005 <5	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Net Acidity Calculations Method: AN220	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w AN217 % moles H+/T kg H2SO4/T	- 0.25 5 0.01 0.005 0.005 0.005	<0.25 <5 <0.01 <0.005 <5	<0.25 <5 <0.01 <0.005 <5	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr)	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w %w/w %w/w AN217	- 0.25 5 0.01 0.005 0.005 0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Net Acidity Calculations Method: AN220	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w AN217 % moles H+/T kg H2SO4/T	- 0.25 5 0.01 0.005 0.005 0.005 5 0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	
pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Sulphur (SKCI) Calcium (CaKCI) Magnesium (MgKCI) Chromium Reducible Sulphur (CRS) Method: Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Chromium Reducible Sulphur (Scr) Servet Acidity Calculations Method: AN220 Servet Acidity	pH Units kg H2SO4/T moles H+/T %w/w S %w/w %w/w %w/w AN217 % moles H+/T kg H2SO4/T %w/w S moles H+/T	0.25 5 0.01 0.005 0.005 0.005 5 0.005	<0.25 <5 <0.01 <0.005 <5 <0.005	<0.25 <5 <0.01 <0.005 <5 <0.005 <5 <0.005	

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moles H+/T

kg CaCO3/T

0.1



	Sample Number Sample Matrix Sample Date Sample Name			PE055190A.052 Soil 18 Jan 2011 MW5_2.5
Parameter	Units	LOR		
Acid Neutralising Capacity (ANC) Method: AN214				
Acid Neutralisation Capacity (ANCBT) as % CaCO ₃	% CaCO3	0.1	57	34
Acid Neutralisation Capacity (ANCBT) as kg H ₂ SO ₄ /t	kg H2SO4/T	0.1	560	340
ANC as % CaCO₃	% CaCO3	0.1	57	34
Lime Equivalence	% CaCO3	0.1	57	34

	San Sa	ole Number nple Matrix ample Date mple Name	PE055190A.057 Soil 18 Jan 2011 MW4_1.0
Parameter	Units	LOR	

TAA SPOCAS Method: AN219

pH KCI*	pH Units	-	9.5
Titratable Actual Acidity	kg H2SO4/T	0.25	<0.25
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	<5
Titratable Actual Acidity (TAA) S%w/w	%w/w S	0.01	<0.01
Sulphur (SKCI)	%w/w	0.005	-
Calcium (CaKCI)	%w/w	0.005	-
Magnesium (MgKCI)	%w/w	0.005	-

Chromium Reducible Sulphur (CRS) Method: AN217

Chromium Reducible Sulphur (Scr)	%	0.005	<0.005
Chromium Reducible Sulphur (Scr)	moles H+/T	5	<5
Chromium Reducible Sulphur (Scr)	kg H2SO4/T	0.005	<0.005

Net Acidity Calculations Method: AN220

s-Net Acidity	%w/w S	0.01	<0.01
a-Net Acidity	moles H+/T	5	<5
Liming Rate*	kg CaCO3/T	0.1	-
Verification s-Net Acidity*	%w/w S	0.01	-
a-Net Acidity without ANCE*	moles H+/T	5	<5
Liming Rate without ANCE*	kg CaCO3/T	0.1	-

Acid Neutralising Capacity (ANC) Method: AN214

Acid Neutralisation Capacity (ANCBT) as % CaCO₃	% CaCO3	0.1	26
Acid Neutralisation Capacity (ANCBT) as kg H ₂ SO ₄ /t	kg H2SO4/T	0.1	260
ANC as % CaCO₃	% CaCO3	0.1	26
Lime Equivalence	% CaCO3	0.1	26

	Sample Number	PE055190A.061	PE055190A.062	PE055190A.063	PE055190A.064	PE055190A.065
	Sample Matrix	Soil	Soil	Soil	Soil	Soil
	Sample Date	18 Jan 2011				
	Sample Name	DUP02	DUP03	DUP04	DUP05	DUP06
Parameter	Units LOR					

TAA SPOCAS Method: AN219

pH KCI*	pH Units	-	9.3	9.7	9.7	10.1	9.8
Titratable Actual Acidity	kg H2SO4/T	0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	<5	<5	<5	<5	<5
Titratable Actual Acidity (TAA) S%w/w	%w/w S	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sulphur (SKCI)	%w/w	0.005	-	-	-	-	-
Calcium (CaKCI)	%w/w	0.005	-	-	-	-	-
Magnesium (MgKCI)	%w/w	0.005	-	-	-	-	-

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PE055190A R0

	San San	ole Number nple Matrix ample Date mple Name	PE055190A.061 Soil 18 Jan 2011 DUP02	PE055190A.062 Soil 18 Jan 2011 DUP03	PE055190A.063 Soil 18 Jan 2011 DUP04	PE055190A.064 Soil 18 Jan 2011 DUP05	PE055190A.065 Soil 18 Jan 2011 DUP06
Parameter	Units	LOR					
Chromium Reducible Sulphur (CRS) Method: AN217	7						
Chromium Reducible Sulphur (Scr)	%	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium Reducible Sulphur (Scr)	moles H+/T	5	<5	<5	<5	<5	<5
Chromium Reducible Sulphur (Scr)	kg H2SO4/T	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Net Acidity Calculations Method: AN220							
s-Net Acidity	%w/w S	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
a-Net Acidity	moles H+/T	5	<5	<5	<5	<5	<5
Liming Rate*	kg CaCO3/T	0.1	-	-	-	-	-
Verification s-Net Acidity*	%w/w S	0.01	-	-	-	-	-
a-Net Acidity without ANCE*	moles H+/T	5	<5	<5	<5	<5	<5
Liming Rate without ANCE*	kg CaCO3/T	0.1	-	-	-	-	-
Acid Neutralising Capacity (ANC) Method: AN214							
Acid Neutralisation Capacity (ANCBT) as % CaCO₃	% CaCO3	0.1	4.6	7.0	9.2	34	31
Acid Neutralisation Capacity (ANCBT) as kg H ₂ SO ₄ /t	kg H2SO4/T	0.1	46	69	91	330	300
ANC as % CaCO₃	% CaCO3	0.1	4.6	7.0	9.2	34	31
Lime Equivalence	% CaCO3	0.1	4.6	7.0	9.2	34	31

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Acid Neutralising Capacity (ANC) Method: ME-(AU)-[ENV]AN214

Parameter	QC Reference	Units	LOR	МВ
Acid Neutralisation Capacity (ANCBT) as % CaCO ₃	LB013771	% CaCO3	0.1	<0.1
Acid Neutralisation Capacity (ANCBT) as kg H ₂ SO ₄ /t	LB013771	kg	0.1	<0.1 - 0.6
ANC as % CaCO₃	LB013771	% CaCO3	0.1	<0.1
Lime Equivalence	LB013771	% CaCO3	0.1	<0.1

Chromium Reducible Sulphur (CRS) Method: ME-(AU)-[ENV]AN217

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Chromium Reducible Sulphur (Scr)	LB013595	%	0.005	<0.005	0%	87%
1	LB013596	%	0.005	<0.005	0%	86%
Chromium Reducible Sulphur (Scr)	LB013595	moles	5	<5		
1	LB013596	moles	5	<5		
Chromium Reducible Sulphur (Scr)	LB013595	kg	0.005	<0.005		
	LB013596	kg	0.005	<0.005		

Net Acidity Calculations Method: ME-(AU)-[ENV]AN220

Parameter	QC	Units	LOR	MB	LCS
	Reference				%Recovery
s-Net Acidity	LB013778	%w/w S	0.01	<0.01	NA
a-Net Acidity	LB013778	moles	5	<5	NA
a-Net Acidity without ANCE*	LB013778	moles	5	<5	NA

TAA SPOCAS Method: ME-(AU)-[ENV]AN219

Parameter	QC Reference	Units	LOR	МВ	DUP %RPD	LCS %Recovery
pH KCI*	LB013655	pH Units	-	5.5 - 6.7	0%	97%
Titratable Actual Acidity	LB013655	kg	0.25	<0.25	0%	NA
Titratable Actual Acidity (TAA) moles H+/tonne	LB013655	moles	5	<5	0%	112%
Titratable Actual Acidity (TAA) S%w/w	LB013655	%w/w S	0.01	<0.01	0%	112%

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METHOD SUMMARY

METHOD -

METHODOLOGY SUMMARY

AN004

AN214

Soils, sediments and sludges are pulverised using an LM2 ringmill. The dry sample is pulverised to a particle size of >90% passing through a -75µm sieve.

Acid Neutralising Capacity (ANC): The crushed or as received sample is reacted with excess normal acid (HCI)

and then back titrated with standard sodium hydroxide to determine the acid consumed. The result is expressed

QC result is above the upper tolerance

QC result is below the lower tolerance

The sample was not analysed for this analyte

as kg H2SO4/tonne

FOOTNOTES _

IS Insufficient sample for analysis.

LNR Sample listed, but not received.

* This analysis is not covered by the scope of accreditation.

^ Performed by outside laboratory.

LOR Limit of Reporting

 $\uparrow\downarrow$ Raised or Lowered Limit of Reporting

Samples analysed as received.

Solid samples expressed on a dry weight basis.

Some totals may not appear to add up because the total is rounded after adding up the raw values.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf

QFH

QFL

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any other holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents.

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STATEMENT OF QA/QC PERFORMANCE **AGAINST DATA QUALITY OBJECTIVES**

PE055190A R0

CLIENT DETAILS . LABORATORY DETAILS

Brent Carter Said Hirad Contact Manager

ERM Australia Pty Ltd SGS Newburn Environmental Laboratory Client PO Box 7338 Cloisters Square 10 Reid Rd

Address PERTH WA 6850 Newburn WA 6105

08 9321 5200 (08) 9373 3500 Telephone Telephone 08 9321 5262 (08) 9373 3556 Facsimile Facsimile

brent.carter@erm.com au.environmental.perth@sgs.com Email Email

0086269 Burrup TAN PE055190A R0 Project SGS Reference 0000014091 (Not specified) Order Number Report Number 08 Feb 2011 24 Samples Date Reported

- COMMENTS

Address

All the laboratory data for each environmental matrix was compared to the SGS Environmental Services' stated data quality objectives (DQO).

Comments arising from the comparison were made and are reported below.

The data relating to sampling was taken from the chain of custody document and was supplied by the client.

This QA/QC statement must be read in conjunction with the referenced analytical report.

The statement and the analytical report must not be reproduced except in full.

All Data Quality Objectives were met.

SAMPLE SUMMARY

Sample counts by matrix 24 soil Type of documentation received COC Date documentation received 1/2/2011 Samples received in good order Yes Samples received without headspace Yes Sample temperature upon receipt Sample container provider SGS Turnaround time requested Standard Samples received in correct containers Sufficient sample for analysis Yes Yes Sample cooling method Samples clearly labelled Ice Yes Complete documentation received Yes Number of eskies/boxes received 3



HOLDING TIME SUMMARY

HOLDING TIMES

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field sampling guide for containers and holding time" (Ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1: 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

The extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and Analysis dates are shown in Green when within suggested criteria and in Bold with an appended dagger symbol and Red† when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Acid Neutralising Capacity (ANC)	Method: ME-(AU)-[ENV]	AN214						
MW1_0.0	PE055190A.012	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
MW1_0.75	PE055190A.015	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
SB2_0.0	PE055190A.018	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
SB2_0.25	PE055190A.019	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
SB2_0.5	PE055190A.020	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
MW2_0.0	PE055190A.024	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
MW2_0.50	PE055190A.026	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
MW3_0.0	PE055190A.028	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
MW3_0.25	PE055190A.029	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
SB5_0.0	PE055190A.036	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
SB5_0.25	PE055190A.037	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
SB5_0.5	PE055190A.038	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
SB5_1.0	PE055190A.039	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
SB5_1.5	PE055190A.040	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
MW5_0.0	PE055190A.049	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
MW5_1.0	PE055190A.050	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
MW5_1.5	PE055190A.051	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
MW5_2.5	PE055190A.052	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
MW4_1.0	PE055190A.057	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
DUP02	PE055190A.061	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
DUP03	PE055190A.062	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
DUP04	PE055190A.063	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
DUP05	PE055190A.064	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
DUP06	PE055190A.065	LB013771	18 Jan 2011	31 Jan 2011	18 Apr 2011	07 Feb 2011	18 Apr 2011	07 Feb 2011
Chromium Reducible Sulphur (CF MW1_0.0	RS) Method: ME-(AU)-[EN	IV]AN217	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
MW1_0.75	PE055190A.015	LB013595			·		·	
		LB013595	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
SB2_0.0	PE055190A.018 PE055190A.019	LB013595	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
SB2_0.25	PE055190A.019	LB013595	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
SB2_0.5 MW2_0.0	PE055190A.020	LB013595	18 Jan 2011 18 Jan 2011	31 Jan 2011 31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011 18 Apr 2011	02 Feb 2011
MW2_0.50	PE055190A.024	LB013595	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011 02 Feb 2011	· ·	02 Feb 2011 02 Feb 2011
MW3_0.0	PE055190A.028	LB013595	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
MW3_0.25		LB013595			18 Apr 2011		18 Apr 2011	
SB5_0.0	PE055190A.029 PE055190A.036	LB013595	18 Jan 2011 18 Jan 2011	31 Jan 2011 31 Jan 2011	18 Apr 2011 18 Apr 2011	02 Feb 2011 02 Feb 2011	18 Apr 2011 18 Apr 2011	02 Feb 2011 02 Feb 2011
SB5_0.25		LB013595				02 Feb 2011	·	
SB5_0.25 SB5_0.5	PE055190A.037 PE055190A.038	LB013595	18 Jan 2011 18 Jan 2011	31 Jan 2011	18 Apr 2011 18 Apr 2011		18 Apr 2011	02 Feb 2011
	PE055190A.038			31 Jan 2011 31 Jan 2011	·	02 Feb 2011	18 Apr 2011	02 Feb 2011
SB5_1.0 SB5_1.5		LB013596 LB013596	18 Jan 2011		18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
	PE055190A.040 PE055190A.049		18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
MW5_0.0 MW5_1.0	PE055190A.049	LB013596 LB013596	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
MW5_1.5	PE055190A.050	LB013596	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
MW5_2.5	PE055190A.051	LB013596	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
MW4_1.0	PE055190A.052	LB013596	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
			18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
DUP02	PE055190A.061	LB013596	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
DUP03	PE055190A.062	LB013596	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
DUP04	PE055190A.063	LB013596	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
DUP05	PE055190A.064	LB013596	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011
DUP06	PE055190A.065	LB013596	18 Jan 2011	31 Jan 2011	18 Apr 2011	02 Feb 2011	18 Apr 2011	02 Feb 2011

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HOLDING TIME SUMMARY

HOLDING TIMES

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Extraction and Analysis dates are shown in Green when within suggested criteria and in Bold with an appended dagger symbol and Red† when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Net Acidity Calculations Metho	od: ME-(AU)-[ENV]AN220							
MW1_0.0	PE055190A.012	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
MW1_0.75	PE055190A.015	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
SB2_0.0	PE055190A.018	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
SB2_0.25	PE055190A.019	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
SB2_0.5	PE055190A.020	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
MW2_0.0	PE055190A.024	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
MW2_0.50	PE055190A.026	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
MW3_0.0	PE055190A.028	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
MW3_0.25	PE055190A.029	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
SB5_0.0	PE055190A.036	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
SB5_0.25	PE055190A.037	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
SB5_0.5	PE055190A.038	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
SB5_1.0	PE055190A.039	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
SB5_1.5	PE055190A.040	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
MW5_0.0	PE055190A.049	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
MW5_1.0	PE055190A.050	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
MW5_1.5	PE055190A.051	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
MW5_2.5	PE055190A.052	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
MW4_1.0	PE055190A.057	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
DUP02	PE055190A.061	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
DUP03	PE055190A.062	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
DUP04	PE055190A.063	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
DUP05	PE055190A.064	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
DUP06	PE055190A.065	LB013778	18 Jan 2011	31 Jan 2011	19 Mar 2011	07 Feb 2011	19 Mar 2011	04 Feb 2011
TAA SPOCAS Method: ME-(A	U)-[ENV]AN219							
MW1_0.0	PE055190A.012	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
MW1_0.75	PE055190A.015	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
SB2_0.0	PE055190A.018	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
SB2_0.25	PE055190A.019	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
SB2_0.5	PE055190A.020	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
MW2_0.0	PE055190A.024	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
MW2_0.50	PE055190A.026	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
MW3_0.0	PE055190A.028	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
MW3_0.25	PE055190A.029	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
SB5_0.0	PE055190A.036	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
SB5_0.25	PE055190A.037	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
SB5_0.5	PE055190A.038	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
SB5_1.0	PE055190A.039	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
SB5_1.5	PE055190A.040	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
MW5_0.0	PE055190A.049	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
MW5_1.0	PE055190A.050	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
MW5_1.5	PE055190A.051	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
MW5_2.5	PE055190A.052	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
MW4_1.0	PE055190A.057	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
DUP02	PE055190A.061	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
DUP03	PE055190A.062	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
DUP04	PE055190A.063	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
DUP05	PE055190A.064	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
DUP06	PE055190A.065	LB013655	18 Jan 2011	31 Jan 2011	18 Apr 2011	04 Feb 2011	18 Apr 2011	04 Feb 2011
						223.20		

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SURROGATES

Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

No Surrogates were required for this job.

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Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

		Control
Parameter	Units	LOR

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RPD %

PE055190A.036-DUP



DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Sample Name

Original Result

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Chromium Reducible Sulphur (Scr)	%	0.005	<0.005	<0.005	200	0
let Acidity Calculations Method: ME-(AU)-[ENV]AN220 B013778.013	1					
s-Net Acidity	%w/w S	0.01	<0.01	<0.01	200	
a-Net Acidity	moles H+/T	5	<5	<5	200	
a-Net Acidity without ANCE*	moles H+/T	5	<5	<5	200	
TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.013						
pH KCI*	pH Units	-	9.9	10.0	30	0
Titratable Actual Acidity	kg H2SO4/T	0.25	<0.25	<0.25	200	0
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	<5	<5	200	0
Titratable Actual Acidity (TAA) S%w/w	%w/w S	0.01	<0.01	<0.01	200	0
	Sa	ample Name		PE055190A	038-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Chromium Reducible Sulphur (CRS) Method: ME-(AU)-[ENV]AN217 LB013595.017						
Chromium Reducible Sulphur (Scr)	%	0.005	<0.005	<0.005	200	0
LB013778.016 s-Net Acidity	%w/w S	0.01	<0.01	<0.01	200	
LB013778.016 s-Net Acidity a-Net Acidity	%w/w S moles H+/T moles H+/T	0.01 5 5	<0.01 <5 <5	<0.01 <5 <5	200 200 200	
LB013778.016 s-Net Acidity a-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS Method: ME-(AU)-[ENV]AN219	moles H+/T	5	<5	<5	200	
LB013778.016 s-Net Acidity a-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS LB013655.016 Method: ME-(AU)-[ENV]AN219 LB013655.016	moles H+/T	5	<5	<5	200	0
LB013778.016 s-Net Acidity a-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS LB013655.016 Method: ME-(AU)-[ENV]AN219 LB013655.016	moles H+/T	5 5 0.25	<5 <5 10.1 <0.25	<5 <5 <5 <5 <5 <5 <5 <5 <6 <6 <6 <6 <6 <6 <6 <6 <6 <6 <6 <6 <6	200 200 30 200	0
LB013778.016 s-Net Acidity a-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.016 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T moles H+/T	5 5 - 0.25 5	<5 <5 10.1 <0.25 <5	<5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <	200 200 30 200 200	0
LB013778.016 s-Net Acidity a-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.016 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T moles H+/T pH Units kg H2SO4/T	5 5 0.25	<5 <5 10.1 <0.25	<5 <5 <5 <5 <5 <5 <5 <5 <6 <6 <6 <6 <6 <6 <6 <6 <6 <6 <6 <6 <6	200 200 30 200	0
LB013778.016 s-Net Acidity a-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.016 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T moles H+/T pH Units kg H2SO4/T moles H+/T %w/w S	5 5 - 0.25 5	<5 <5 10.1 <0.25 <5	<5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <	200 200 30 200 200 200	0
Net Acidity Calculations LB013778.016 s-Net Acidity a-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.016 pH KCI* Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Parameter	moles H+/T moles H+/T pH Units kg H2SO4/T moles H+/T %w/w S	5 5 0.25 5 0.01	<5 <5 10.1 <0.25 <5	<5 <5 <5 <5 <0.01	200 200 30 200 200 200	0
LB013778.016 s-Net Acidity a-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.016 pH KCl* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Parameter Chromlum Reducible Sulphur (CRS) Method: ME-(AU)-[ENV]AN217	moles H+/T moles H+/T pH Units kg H2SO4/T moles H+/T %w/w S	5 5 5 0.25 5 0.01	<5 <5 10.1 <0.25 <5 <0.01	10.1 <0.25 <5 <0.01	200 200 30 200 200 200 200	0 0 0
LB013778.016 s-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.016 pH KCI* Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Parameter Chromium Reducible Sulphur (CRS) Method: ME-(AU)-[ENV]AN217 LB013596.014	moles H+/T moles H+/T pH Units kg H2SO4/T moles H+/T %w/w S	5 5 5 0.25 5 0.01	<5 <5 10.1 <0.25 <5 <0.01	10.1 <0.25 <5 <0.01	200 200 30 200 200 200 200	0 0 0
s-Net Acidity a-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.016 DH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Parameter Chromium Reducible Sulphur (CRS) Method: ME-(AU)-[ENV]AN217 LB013596.014 Chromium Reducible Sulphur (Scr)	moles H+/T moles H+/T pH Units kg H2SO4/T moles H+/T %w/w S	5 5 5 0.25 5 0.01	<5 <5 10.1 <0.25 <5 <0.01 Original Result	<5 <5 <10.1 <0.25 <5 <0.01 PE055190A Duplicate Result	200 200 30 200 200 200 200 0.063-DUP	0 0 0 RPD %
LB013778.016 s-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.016 pH KCI* Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w Parameter Chromium Reducible Sulphur (CRS) Method: ME-(AU)-[ENV]AN217 LB013596.014 Chromium Reducible Sulphur (Scr) Net Acidity Calculations Method: ME-(AU)-[ENV]AN220 LB013778.029	moles H+/T moles H+/T pH Units kg H2SO4/T moles H+/T %w/w S	5 5 5 0.25 5 0.01	<5 <5 10.1 <0.25 <5 <0.01 Original Result	<5 <5 <10.1 <0.25 <5 <0.01 PE055190A Duplicate Result	200 200 30 200 200 200 200 0.063-DUP	0 0 0 RPD %
LB013778.016 s-Net Acidity a-Net Acidity without ANCE* TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.016 pH KCI* Titratable Actual Acidity Titratable Actual Acidity (TAA) moles H+/tonne Titratable Actual Acidity (TAA) S%w/w	moles H+/T moles H+/T pH Units kg H2SO4/T moles H+/T %w/w S Sa Units	5 5 5 0.25 5 0.01 LOR	<5 <5 10.1 <0.25 <5 <0.01 Original Result <0.005	<5 <5 <10.1 <0.25 <5 <0.01 PE055190A Duplicate Result <0.005	200 200 30 200 200 200 200 Criteria %	0 0 0 RPD %

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Titratable Actual Acidity (TAA) S%w/w

DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Sa	ample Name		PE055190A	PE055190A.063-DUP		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %	
TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.030							
pH KCI*	pH Units	-	9.7	9.7	30	0	
Titratable Actual Acidity	kg H2SO4/T	0.25	<0.25	<0.25	200	0	
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	<5	<5	200	0	
Titratable Actual Acidity (TAA) S%w/w	%w/w S	0.01	<0.01	<0.01	200	0	
	Sa	ample Name		PE055190A	065-DUP		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %	
LB013596.017 Chromium Reducible Sulphur (Scr)	%	0.005	<0.005	<0.005	200	0	
Net Acidity Calculations Method: ME-(AU)-[ENV]AN220 LB013778.032							
s-Net Acidity	%w/w S	0.01	<0.01	<0.01	200		
a-Net Acidity	moles H+/T	5	<5	<5	200		
a-Net Acidity without ANCE*	moles H+/T	5	<5	<5	200		
TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.033							
pH KCI*	pH Units	-	9.8	9.8	30	0	
Titratable Actual Acidity	kg H2SO4/T	0.25	<0.25	<0.25	200	0	
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	<5	<5	200	0	

0.01

%w/w S

<0.01

<0.01

200

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LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Cont	rol		LCS	STD	
Parameter	Units	LOR	Result	Expected Result	Criteria %	Recovery %
Chromium Reducible Sulphur (CRS) Method: ME-(AU)-[ENV]AN217 LB013595.003						
Chromium Reducible Sulphur (Scr)	%	0.005	0.55	0.583	85 - 115	87
LB013596.003						
Chromium Reducible Sulphur (Scr)	%	0.005	0.55	0.583	85 - 115	86
TAA SPOCAS Method: ME-(AU)-[ENV]AN219 LB013655.002						
pH KCI*	pH Units	-	3.6	3.68	95 - 105	97
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	61	54.42	85 - 115	112
Titratable Actual Acidity (TAA) S%w/w	%w/w S	0.01	0.10	0.087	85 - 115	112
LB013655.018						
pH KCI*	pH Units	-	3.6	3.68	95 - 105	97
Titratable Actual Acidity (TAA) moles H+/tonne	moles H+/T	5	61	54.42	85 - 115	112
Titratable Actual Acidity (TAA) S%w/w	%w/w S	0.01	0.10	0.087	85 - 115	112

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QUALITY CONTROL - MATRIX SPIKES

Matrix spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report. Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

No Matrix Spikes were required for this job.

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MATRIX SPIKE DUPLICATES

Matrix spike duplicates are calculated as relative percent difference using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean
The original result is the analyte concentration of the matrix spike and the replicate result is the analyte concentration of the matrix spike duplicate.
The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability
RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

No Matrix Spike Duplicates were required for this job.

FOOTNOTES

IS Insufficient sample for analysis. LNR Sample listed, but not received.

NATA Accreditation does not cover this analysis.

^ Performed by outside laboratory.

LOR Limit of Reporting

QFH QC result is above the upper tolerance
QFL QC result is below the lower tolerance
NA The sample was not analysed for this analyte

Samples analysed as received. Solid samples expressed on a dry weight basis.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf

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 Project
 0086269 Burrup TANPF Dampier
 SGS Reference
 PE057307 R0

 Order Number
 A06631
 Report Number
 0000019717

 Samples
 8
 Date Reported
 17 May 2011

Date Received

02 May 2011

COMMENTS

Email

The document is issued in accordance with NATA's accreditation requirements.

Accredited for compliance with ISO/IEC 17025. NATA accredited laboratory 2562(898/20210).

Samples `MW3', `MW4' and 'MW5' were diluted due to high conductivity for metals. Hence the LORs were raised for these samples.

Samples received outside recommended technical holding times for Alkalinity and Hexavalent Chromium.

SIGNATORIES

Hue Thanh Ly Spectroscopy Chemist Jeremy Truong Inorganics Co-ordinator Pamela Adams
Organic Team Leader

Said Hirad Laboratory Manager



PE057307 R0

	Sai S	ple Number mple Matrix ample Date mple Name	PE057307.001 Water 30/4/11 16:37 MW1	PE057307.002 Water 30/4/11 16:37 MW2	PE057307.003 Water 30/4/11 16:37 MW3	PE057307.004 Water 30/4/11 16:37 MW4	PE057307.005 Water 30/4/11 16:37 MW5
Parameter	Units	LOR					
Total Dissolved Solids (TDS) in water Method: AN113	3						
Total Dissolved Solids Dried at 180°C	mg/L	10	2000	2000	9800	6700	130000
Alkalinity Method: AN135							
Total Alkalinity as CaCO3	mg/L	5	350	280	400	510	370
Carbonate Alkalinity as CO3	mg/L	1	<1	<1	<1	<1	<1
Bicarbonate Alkalinity as HCO3	mg/L	5	420	340	490	630	450
Chloride by Discrete Analyser in Water Method: AN2	74						
Chloride	mg/L	1	780	930	5400	3900	87000
Sulphate in water Method: AN275							
Sulphate	mg/L	1	170	170	800	350	5200
Sulphide by Titration in Water Method: AN149							
Hydrogen Sulphide at 20 C	mg/L	0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Filterable Reactive Phosphorus (FRP) Method: AN27	8						
Filterable Reactive Phosphorus	mg/L	0.002	<0.002	0.004	0.003	0.008	0.007
Total Phosphorus by Kjeldahl Digestion DA in Water	Method: AN	279/AN293					
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.06	0.09	0.16	0.79	0.11
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Me	ethod: AN258	3					
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	1.7	3.3	1.9	0.82	1.1
Nitrite Nitrogen, NO ₂ as N	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Nitrate Nitrogen, NO₃ as N	mg/L	0.005	1.7	3.3	1.9	0.82	1.1
TKN Kjeldahl Digestion by Discrete Analyser Method	I: AN281						
Total Nitrogen (calc)	mg/L	0.05	2.5	3.9	2.6	2.1	5.1
Low Level Ammonia Nitrogen by FIA Method: AN261							
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.038	0.20	0.054	0.74	0.056
Metals in Water (Dissolved) by ICPOES Method: AN							
Calcium, Ca	mg/L	0.2	200	99	120	39	1000
Magnesium, Mg	mg/L	0.1	63	66	300	100	4100
Manganese, Mn	mg/L	0.005	0.17	<0.005	0.020	0.014	0.20
Potassium, K	mg/L	0.1	10	19	130	110	1900
Silica, Soluble Silicon, Si	mg/L	0.05	30 14	26 12	34 16	19 8.7	4.9
Solium, Na	mg/L	0.02	350	570	3400	2700	48000
Hardness by Calculation	mg/L mg CaCO3/L	5	760	520	1500	520	19000
	54505/L		,	020	1000	020	10000

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PE057307 R0

	Si	nple Number ample Matrix Sample Date ample Name	PE057307.001 Water 30/4/11 16:37 MW1	PE057307.002 Water 30/4/11 16:37 MW2	PE057307.003 Water 30/4/11 16:37 MW3	PE057307.004 Water 30/4/11 16:37 MW4	PE057307.00 Water 30/4/11 16:37 MW5
Parameter	Units	LOR					
Trace Metals (Dissolved) in Water by ICPMS Method	d: AN318						
Aluminium, Al	μg/L	1	10	5	13	<5↑	<50↑
Arsenic, As	μg/L	1	<1	<1	<5↑	<5↑	<50↑
Cadmium, Cd	μg/L	0.1	<0.1	<0.1	<0.5↑	<0.5↑	<5.0↑
Chromium, Cr	μg/L	1	<1	<1	<5↑	<5↑	<50↑
Iron, Fe	μg/L	5	8	<5	<25↑	<25↑	<250↑
Lead, Pb	μg/L	1	<1	<1	<5↑	<5↑	<50↑
Manganese, Mn	μg/L	1	170	5	22	13	220
Selenium, Se	μg/L	2	<2	3	<10↑	<10↑	<100↑
Zinc, Zn	μg/L	1	16	13	20	10	<50↑
Mercury (dissolved) in Water Method: AN311/AN312 Mercury	mg/L	0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.00011
Hexavalent Chromium in water by Discrete Analyser	Method: Al	N283					
		0.002	< 0.002	<0.002	< 0.002	< 0.002	0.010
Hexavalent Chromium, Cr6+	mg/L	0.002	-0.002	\0.002	<0.00Z	V0.002	0.010
Hexavalent Chromium, Cr6+ Trivalent Chromium, Cr3+	mg/L mg/L	0.002	<0.005	<0.005	<0.005	<0.005	<0.005
Trivalent Chromium, Cr3+							
Trivalent Chromium, Cr3+	mg/L						
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of lons*	mg/L thod: AN121	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method:	mg/L thod: AN121 mg/L % AN433/AN43	-100	<0.005 1920 -3	<0.005 2120 1	<0.005 10600 1	<0.005 7710 0	<0.005 148000 -1
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of lons* Anion-Cation Balance	mg/L mg/L %	- -100	<0.005	<0.005	<0.005	<0.005 7710	<0.005
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of Ions* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9	mg/L thod: AN121 mg/L % AN433/AN43	-100	<0.005 1920 -3	<0.005 2120 1	<0.005 10600 1	<0.005 7710 0	<0.005 148000 -1
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C8-C9 Surrogates	mg/L thod: AN121 mg/L % AN433/AN43	-100	<0.005 1920 -3	<0.005 2120 1	<0.005 10600 1	<0.005 7710 0	<0.005 148000 -1
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of Ions* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate)	mg/L thod: AN121 mg/L % AN433/AN43 µg/L	100	<0.005 1920 -3 <40	<0.005 2120 1 2120 40	<0.005 10600 1 <40	<0.005 7710 0 <40	<0.005 148000 -1 <40
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate)	mg/L thod: AN121 mg/L % AN433/AN43 µg/L		<0.005 1920 -3 <40	<0.005 2120 1 <40	<0.005 10600 1 <40	<0.005 7710 0 <40	<0.005 148000 -1 <40
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate)	mg/L thod: AN121 mg/L % AN433/AN43 µg/L % %		<0.005 1920 -3 <40 103 104	<0.005 2120 1 <40 107 119	<0.005 10600 1 <40 103 112	<0.005 7710 0 <40 102 100	<0.005 148000 -1 <40 106 109
Calculation of Anion-Cation Balance (SAR Calc) Me Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate)	mg/L thod: AN121 mg/L % AN433/AN43 µg/L % % %		<0.005 1920 -3 <40 103 104 102	<0.005 2120 1 40 107 119 104	<0.005 10600 1 <40 103 112 101	<0.005 7710 0 <40 102 100 98	<0.005 148000 -1 <40 106 109 96
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of Ions* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) TRH (Total Recoverable Hydrocarbons) in Water Me	mg/L thod: AN121 mg/L % AN433/AN43 μg/L % % %		<0.005 1920 -3 <40 103 104 102	<0.005 2120 1 40 107 119 104	<0.005 10600 1 <40 103 112 101	<0.005 7710 0 <40 102 100 98	<0.005 148000 -1 <40 106 109 96
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of Ions* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) TRH (Total Recoverable Hydrocarbons) in Water Method: TRH (Total Recoverable Hydrocarbons) in Water Method:	mg/L thod: AN121 mg/L % AN433/AN43 μg/L % % % % % % ethod: AN403		<0.005 1920 -3 <40 103 104 102 104	<0.005 2120 1 107 119 104 109	<0.005 10800 1 <40 103 112 101 99	<0.005 7710 0 <40 102 100 98 97	<0.005 148000 -1 <40 106 109 96 99
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate)	mg/L thod: AN121 mg/L % AN433/AN43 µg/L % % % % pg/L pg/L		<0.005 1920 -3 <40 103 104 102 104 <50	<0.005 2120 1 107 119 104 109	<0.005 10600 1 <40 103 112 101 99 <50	<0.005 7710 0 <40 102 100 98 97	<0.005 148000 -1 <40 106 109 96 99 81
Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Me Sum of lons* Anion-Cation Balance Volatile Petroleum Hydrocarbons in Water Method: TRH C6-C9 Surrogates Dibromofluoromethane (Surrogate) d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate) Bromofluorobenzene (Surrogate) TRH (Total Recoverable Hydrocarbons) in Water Method: TRH C10-C14 TRH C15-C28	mg/L thod: AN121 mg/L % AN433/AN43 µg/L % % hg/L pg/L µg/L µg/L		<0.005 1920 -3 <40 103 104 102 104 <50 <200	<0.005 2120 1 107 119 104 109 <50 <200	<0.005 10600 1 <40 103 112 101 99 <50 <200	<0.005 7710 0 <40 102 100 98 97 <50 <200	<0.005 148000 -1 <40 106 109 96 99 81 <200

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	Sa	nple Number ample Matrix Sample Date ample Name	PE057307.006 Water 30/4/11 16:37 DUP01	PE057307.007 Water 30/4/11 16:37 Trip Blank	PE057307.008 Water 30/4/11 16:37 RIN 1
Parameter	Units	LOR			
Total Dissolved Solids (TDS) in water Method: AN11	3				
Total Dissolved Solids Dried at 180°C	mg/L	10	2000	_	
Total Dissolved Solids Dried at 160 C	IIIg/L	10	2000	-	<u>-</u>
Alkalinity Method: AN135					
Total Alkalinity as CaCO3	mg/L	5	310	-	-
Carbonate Alkalinity as CO3	mg/L	1	<1	-	-
Bicarbonate Alkalinity as HCO3	mg/L	5	380	-	-
Chloride by Discrete Analyser in Water Method: AN	274				
Chloride	mg/L	1	800	-	-
Sulphate in water Method: AN275					
Sulphate	mg/L	1	170	-	-
Sulphide by Titration in Water Method: AN149					
Hydrogen Sulphide at 20 C	mg/L	0.5	<0.5	-	-
Filterable Reactive Phosphorus (FRP) Method: AN2	T				
Filterable Reactive Phosphorus	mg/L	0.002	<0.002	-	-
Total Phosphorus by Kjeldahl Digestion DA in Water		N279/AN293			
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.05	-	-
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA M	ethod: AN25	58			
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	1.4	-	-
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	<0.005	-	-
Nitrate Nitrogen, NO₃ as N	mg/L	0.005	1.4	-	-
TKN Kjeldahl Digestion by Discrete Analyser Method	d: AN281				
Total Nitrogen (calc)	mg/L	0.05	2.0	-	-
Low Level Ammonia Nitrogen by FIA Method: AN26	1				
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.047	-	-
	,				
Metals in Water (Dissolved) by ICPOES Method: AN	1				
Calcium, Ca	mg/L	0.2	190	-	-
Magnesium, Mg	mg/L	0.1	62	-	-
Manganese, Mn Potassium, K	mg/L	0.005	0.18	-	-
Silica, Soluble	mg/L	0.05	31	-	<u> </u>
Silicon, Si	mg/L	0.03	14	-	-
Sodium, Na	mg/L	0.52	390	-	<u> </u>
Hardness by Calculation	mg CaCO3/L	5	730	-	-
•				1	

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			DE057007.000	DE053003 003	DE057007.000
	ŧ	Sample Number Sample Matrix Sample Date Sample Name	PE057307.006 Water 30/4/11 16:37 DUP01	PE057307.007 Water 30/4/11 16:37 Trip Blank	PE057307.008 Water 30/4/11 16:37 RIN 1
Parameter	Units	LOR			
	I: AN318				
Aluminium, Al	μg/L	1	9	<1	2
Arsenic, As	μg/L	1	<1	<1	<1
Cadmium, Cd	μg/L	0.1	<0.1	<0.1	<0.1
Chromium, Cr	μg/L	1	<1	<1	<1
Iron, Fe	μg/L	5	8	<5	<5
Lead, Pb	μg/L	1	<1	<1	<1
Manganese, Mn	μg/L	1	190	<1	<1
Selenium, Se	μg/L	2	<2	<2	<2
Zinc, Zn	μg/L	1	20	12	9
Mercury (dissolved) in Water Method: AN311/AN312	!				
Mercury	mg/L	0.00005	<0.00005	<0.00005	<0.00005
Hexavalent Chromium, Cr6+ Trivalent Chromium, Cr3+ Calculation of Anion-Cation Balance (SAR Calc) Mei	mg/L mg/L	0.002	<0.002 <0.005	-	-
Sum of lons*	1		1930	_	-
Anion-Cation Balance	mg/L %	-100	-1	-	-
	AN433/AN				
TRH C6-C9	μg/L	40	<40	<40	<40
Surrogates					
Dibromofluoromethane (Surrogate)	%	-	103	104	107
d4-1,2-dichloroethane (Surrogate)	%	-	100	105	108
d8-toluene (Surrogate)	%	-	95	98	97
Bromofluorobenzene (Surrogate)	%	-	98	100	97
TRH (Total Recoverable Hydrocarbons) in Water Me	thod: AN4	103			
TRH C10-C14	μg/L	50	<50	-	-
TRH C15-C28	μg/L	200	<200	-	-
TRH C29-C36	μg/L	200	<200	-	-
Surrogates					
TRH (Surrogate)	%	-	74	-	-

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Alkalinity Method: ME-(AU)-[ENV]AN135

Parameter	QC Reference	Units	LOR	MB	DUP %RPD	LCS %Recovery
Total Alkalinity as CaCO3	LB018729	mg/L	5	<5	0 - 3%	110%
Carbonate Alkalinity as CO3	LB018729	mg/L	1	<1		
Bicarbonate Alkalinity as HCO3	LB018729	mg/L	5	<5		

Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Chloride	LB018886	mg/L	1	<1	0 - 2%	104 - 105%	110 - 119%

Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Filterable Reactive Phosphorus	LB018710	mg/L	0.002	<0.002	2 - 4%	105%	103%

Hexavalent Chromium in water by Discrete Analyser Method: ME-(AU)-[ENV]AN283

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Hexavalent Chromium, Cr6+	LB018860	mg/L	0.002	<0.002	0%	110%	114%
Trivalent Chromium, Cr3+	LB018860	mg/L	0.005	<0.005	0%		

Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261

	Parameter	QC	Units	LOR	МВ	DUP %RPD	LCS
ı		Reference					%Recovery
ı	Ammonia Nitrogen, NH₃ as N	LB018769	mg/L	0.005	<0.005	0 - 2%	95 - 97%

Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312

1	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
ı		Reference					%Recovery	%Recovery
	Mercury	LB018744	mg/L	0.00005	<0.00005	0%	103%	103%

Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Calcium, Ca	LB018752	mg/L	0.2	<0.2	1%	101%	81%
Magnesium, Mg	LB018752	mg/L	0.1	<0.1	1%	106%	93%
Manganese, Mn	LB018752	mg/L	0.005	<0.005	0%	102%	93%
Potassium, K	LB018752	mg/L	0.1	<0.1	0%	114%	101%
Silica, Soluble	LB018752	mg/L	0.05	<0.05			
Silicon, Si	LB018752	mg/L	0.02	<0.02	1%	117%	81%
Sodium, Na	LB018752	mg/L	0.5	<0.5	0%	107%	95%
Hardness by Calculation	LB018752	mg	5	<5			

Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258

	,					
Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
	Reference					%Recovery
Nitrate/Nitrite Nitrogen, NOx as N	LB018769	mg/L	0.005	<0.005	1 - 2%	97 - 100%
Nitrite Nitrogen, NO₂ as N	LB018769	mg/L	0.005	<0.005	0 - 17%	99 - 105%
Nitrate Nitrogen, NO₃ as N	LB018769	mg/L	0.005	<0.005		

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QC SUMMARY

MB blank results are compared to the Limit of Reporting

LCS and MS spike recoveries are measured as the percentage of analyte recovered from the sample compared the the amount of analyte spiked into the sample.

DUP and MSD relative percent differences are measured against their original counterpart samples according to the formula: the absolute difference of the two results divided by the average of the two results as a percentage. Where the DUP RPD is 'NA', the results are less than the LOR and thus the RPD is not applicable.

Sulphate in water Method: ME-(AU)-[ENV]AN275

	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
ı		Reference					%Recovery	%Recovery
ı	Sulphate	LB018886	mg/L	1	<1	2 - 8%	97 - 99%	NA

TKN Kjeldahl Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281

	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
ı		Reference					%Recovery
ı	Total Nitrogen (calc)	LB018702	mg/L	0.05	<0.05	15%	NA

Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
	Reference					%Recovery
Total Dissolved Solids Dried at 180°C	LB018766	mg/L	10	<10	0 - 5%	99%
	LB018911	mg/L	10	<10	0 - 1%	88 - 89%

Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN279/AN293

	Parameter	QC	Units	LOR	MB	DUP %RPD	LCS
п		Reference					%Recovery
ı	Total Phosphorus (Kjeldahl Digestion)	LB018702	mg/L	0.01	<0.01	4 - 18%	80%

Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318

Parameter	QC	Units	LOR	MB	DUP %RPD	LCS	MS
	Reference					%Recovery	%Recovery
Aluminium, Al	LB018757	μg/L	1	<1		114%	114%
Arsenic, As	LB018757	μg/L	1	<1	0 - 4%	114%	111%
Cadmium, Cd	LB018757	μg/L	0.1	<0.1		109%	102%
Chromium, Cr	LB018757	μg/L	1	<1		114%	115%
Iron, Fe	LB018757	μg/L	5	<5		101%	119%
Lead, Pb	LB018757	μg/L	1	<1	11 - 175%	107%	107%
Manganese, Mn	LB018757	μg/L	1	<1		117%	56%
Selenium, Se	LB018757	μg/L	2	<2	3%	110%	96%
Zinc, Zn	LB018757	μg/L	1	<1		101%	88%

TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403

Parameter	QC	Units	LOR	MB	LCS
	Reference				%Recovery
TRH C10-C14	LB018780	μg/L	50	<50	95%
TRH C15-C28	LB018780	μg/L	200	<200	110%
TRH C29-C36	LB018780	μg/L	200	<200	114%

Surrogates

Parameter	QC	Units	LOR	MB	LCS
	Reference				%Recovery
TRH (Surrogate)	LB018780	%	-	88%	91%

Volatile Petroleum Hydrocarbons in Water Method: ME-(AU)-[ENV]AN433/AN434

	Parameter	QC	Units	LOR	MB	LCS
ı		Reference				%Recovery
ı	TRH C6-C9	LB018699	μg/L	40	<40	99%

Surrogates

Currogatos					
Parameter	QC	Units	LOR	MB	LCS
	Reference				%Recovery
Dibromofluoromethane (Surrogate)	LB018699	%	=	96%	101%
d4-1,2-dichloroethane (Surrogate)	LB018699	%	-	99%	109%
d8-toluene (Surrogate)	LB018699	%	-	96%	102%
Bromofluorobenzene (Surrogate)	LB018699	%	-	93%	106%

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METHOD SUMMARY

METHOD	
AN020	METHODOLOGY SUMMARY Unpreserved water sample is filtered through a 0.45µm membrane filter and acidified with nitric acid similar to
	APHA3030B.
AN075	This method uses an alkaline digestion to solubilise both water-soluble and waterinsoluble forms of hexavalent chromium in solids. The solution is then pH adjusted and the hexavalent chromium concentration in solution
	determined colourimetrically. Please refer to method AN283. The addition of magnesium chloride in a phosphate buffer at the digestion stage assists with preventing oxidation of trivalent chromium to hexavalent chromium.
AN083	Separatory funnels are used for aqueous samples and extracted by transferring an appropriate volume (mass) of
	liquid into a separatory funnel and adding 3 serial aliquots of dichloromethane. Samples receive a single extraction at pH 7 to recover base / neutral analytes and two extractions at pH < 2 to recover acidic analytes. QC samples are prepared by spiking organic free water with target analytes and extracting as per samples.
AN113	Total Dissolved Solids: A well-mixed filtered sample of known volume is evaporated to dryness at 180°C and the residue weighed. Approximate methods for correlating chemical analysis with dissolved solids are available.
	Reference APHA 2540 C.
AN121	This method is used to calculation the balance of major Anions and Cations in water samples and converts major ion concentration to milliequivalents and then summed. Anions sum and Cation sum is calculated as a difference and expressed as a percentage.
AN135	Alkalinity (and forms of) by Titration: The sample is titrated with standard acid to pH 8.3 (P titre) and pH 4.5 (T titre)
	and permanent and/or total alkalinity calculated. The results are expressed as equivalents of calcium carbonate or recalculated as bicarbonate, carbonate and hydroxide. Reference APHA 2320. Internal Reference AN135
AN149	Sulphide by lodometric Titration: Sulphide is precipitated as zinc sulphide to overcome interferences with sulphite and thiosulphate. After filtration, sulphide is determined titrimetrically. Reference APHA 4500-S2-
	and unlosulphate. After initiation, sulphide is determined utilinetrically. Reference AFTIA 4500-52-
AN258	Nitrate and Nitrite by FIA: In an acidic medium, nitrate is reduced quantitatively to nitrite by cadmium metal. This nitrite plus any original nitrite is determined as an intense red-pink azo dye at 540 nm following diazotisation with sulphanilamide and subsequent coupling with N-(1-naphthyl) ethylenediamine dihydrochloride. Without the
	cadmium reduction only the original nitrite is determined. Reference APHA 4500-NO3- F.
AN261	Ammonia by Continuous Flow Analyser: Ammonium in a basic medium forms ammonia gas, which is separated from the sample matrix by diffusion through a polypropylene membrane. The ammonia is reacted with phenol
	and hypochlorite to form indophenol blue at an intensity proportional to the ammonia concentration. The blue colour is intensified with sodium nitroprusside and the absorbance measured at 630 nm. The sensitivity of the automated method is 10-20 times that of the macro method. Reference APHA 4500-NH3 H.
ANI074	
AN274	Chloride by Aquakem DA: Chloride reacts with mercuric thiocyanate forming a mercuric chloride complex. In the presence of ferric iron, highly coloured ferric thiocyanate is formed which is proportional to the chloride concentration. Reference APHA 4500CI-
AN275	Suphate by Aquakem DA: Sulphate is precipitated in an acidic medium with barium chloride. The resulting turbidity
	is measured photometrically at 405nm and compared with standard calibration solutions to determine the sulphate concentration in the sample. Reference APHA 4500-SO42 Internal reference AN275.
AN278	Reactive Phosphorus by Aquakem DA: Orthophosphate reacts with ammonium molybdate (Mo VI) and potassium antimonyl tartrate (Sb III) in acid medium to form an antimony-phosphomolybdate complex. This complex is
	subsequently reduced with ascorbic acid to form a blue colour and the absorbance is read at 880 nm. The sensitivity of the automated method is 10-20 times that of the macro method. Reference APHA 4500-P F
AN279/AN293	The sample is digested with Sulphuric acid, K2SO4 and CuSO4. All forms of phosphorus are converted into

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orthophosphate. The digest is cooled and placed on the Aquakem 250 discrete analyser for colorimetric analysis.





METHOD SUMMARY

METHOD	
METHOD	METHODOLOGY SUMMARY
AN283	Hexavalent Chromium via Aquakem DA: Soluble hexavalent chromium forms a red/violet colour with diphenylcarbazide in acidic solution. This procedure is very sensitive and nearly specific for Cr6+. If total chromium is also measured the trivalent form of chromium Cr3+ can be calculated from the difference (Total Cr - Cr6+). Reference APHA3500CrB.
AN288	Digestion of the sample to convert amino nitrogen present in many organic materials to ammonium sulphate. Free ammonia and ammonium nitrogen also are converted to ammonium sulphate. Colorimetric determination of ammonium nitrogen using the Phenate-Hypochlorite Method (APHA, 2005). Ammonia, phenol and hypochlorite react in an alkaline buffered medium to form a blue coloured compound, indophenol. This reaction is catalysed by sodium nitroprusside. The intensity of the colour development is directly proportional to the concentration of ammonia-nitrogen.
AN311/AN312	Mercury by Cold Vapour AAS in Waters: Mercury ions are reduced by stannous chloride reagent in acidic solution to elemental mercury. This mercury vapour is purged by nitrogen into a cold cell in an atomic absorption spectrometer or mercury analyser. Quantification is made by comparing absorbances to those of the calibration standards. Reference APHA 3112/3500.
AN318	Determination of elements at trace level in waters by ICP-MS technique, in accordance with USEPA 6020A.
AN320/AN321	Metals by ICP-OES: Samples are preserved with 10% nitric acid for a wide range of metals and some non-metals. This solution is measured by Inductively Coupled Plasma. Solutions are aspirated into an argon plasma at 8000-10000K and emit characteristic energy or light as a result of electron transitions through unique energy levels. The emitted light is focused onto a diffraction grating where it is separated into components.
AN320/AN321	Photomultipliers or CCDs are used to measure the light intensity at specific wavelengths. This intensity is directly proportional to concentration. Corrections are required to compensate for spectral overlap between elements. Reference APHA 3120 B.
AN403	Total Recoverable Hydrocarbons: Determination of Hydrocarbons by gas chromatography after a solvent extraction. Detection is by flame ionisation detector (FID) that produces an electronic signal in proportion to the combustible matter passing through it. Total Recoverable Hydrocarbons (TRH) are routinely reported as four alkane groupings based on the carbon chain length of the compounds: C6-C9, C10-C14, C15-C28 and C29-C36.
AN403	Additionally, the volatile C6-C9 fraction may be determined by a purge and trap technique and GC/MS because of the potential for volatiles loss. Total Petroleum Hydrocarbons (TPH) follows the same method of analysis after silica gel cleanup of the solvent extract. Aliphatic/Aromatic Speciation follows the same method of analysis after fractionation of the solvent extract over silica with diffential polarity of the elluent solvents.
AN403	The GC/FID method is not well suited to the analysis of refined high boiling point materials (ie lubricating oils or greases) but is particularly suited for measuring diesel, kerosene and petrol if care to control volatility is taken. This method will detect naturally occurring hydrocarbons, lipids, animal fats, phenols and PAHs if they are present at sufficient levels, dependant on the use of specific cleanup/fractionation techniques. Reference USEPA 3510B, 8015B.
AN433/AN434	VOCs and C6-C9 Hydrocarbons by GC-MS P&T: VOC's are volatile organic compounds. The sample is presented to a gas chromatograph via a purge and trap (P&T) concentrator and autosampler and is detected with a Mass Spectrometer (MSD). Solid samples are initially extracted with methanol whilst liquid samples are processed directly. References: USEPA 5030B, 8020A, 8260.

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FOOTNOTES .

Insufficient sample for analysis. IS Sample listed, but not received. LNR

This analysis is not covered by the scope of accreditation.

Performed by outside laboratory.

Limit of Reporting LOR

Raised or Lowered Limit of Reporting $\uparrow \downarrow$

Samples analysed as received.

Solid samples expressed on a dry weight basis.

QFH QC result is above the upper tolerance QC result is below the lower tolerance QFL

The sample was not analysed for this analyte

Some totals may not appear to add up because the total is rounded after adding up the raw values.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf

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STATEMENT OF QA/QC PERFORMANCE **AGAINST DATA QUALITY OBJECTIVES**

PE057307 R0

CLIENT DETAILS . LABORATORY DETAILS

Brent Carter Said Hirad Contact Manager

ERM Australia Pty Ltd SGS Newburn Environmental Laboratory Client

PO Box 7338 Cloisters Square Address 10 Reid Rd PERTH WA 6850

Newburn WA 6105

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0086269 Burrup TANPF Dampier PE057307 R0 SGS Reference Project 0000019716 A06631 Order Number Report Number 17 May 2011 8 Samples Date Reported

- COMMENTS

Address

All the laboratory data for each environmental matrix was compared to the SGS Environmental Services' stated data quality objectives (DQO).

Comments arising from the comparison were made and are reported below.

The data relating to sampling was taken from the chain of custody document and was supplied by the client.

This QA/QC statement must be read in conjunction with the referenced analytical report.

The statement and the analytical report must not be reproduced except in full.

All Data Quality Objectives were met with the exception of the following:

Extraction Date 6 Items Alkalinity

> 8 Items Hexavalent Chromium in water by Discrete Analyser

Analysis Date Alkalinity 6 Items

> Hexavalent Chromium in water by Discrete Analyser 8 Items

MS Trace Metals (Dissolved) in Water by ICPMS 1 Item

SAMPLE SUMMARY

COC Sample counts by matrix 8 Water Type of documentation received Date documentation received 2/5/2011 Samples received in good order Yes 2.5 Samples received without headspace Yes Sample temperature upon receipt Sample container provider SGS Turnaround time requested Standard Samples received in correct containers Sufficient sample for analysis Yes Yes Sample cooling method Samples clearly labelled Ice Yes Complete documentation received Yes Number of eskies/boxes received 1

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09 May 2011

09 May 2011

09 May 2011

09 May 2011



HOLDING TIME SUMMARY

HOLDING TIMES

MW5

DUP01

RIN 1

Trip Blank

PE057307.005

PE057307.006

PE057307.007

PE057307.008

LB018744

LB018744

LB018744

LB018744

30 Apr 2011

30 Apr 2011

30 Apr 2011

30 Apr 2011

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field sampling guide for containers and holding time" (Ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1: 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

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Extraction and Analysis dates are shown in Green when within suggested criteria and in Bold with an appended dagger symbol and Red† when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Alkalinity Method: ME-(Al	U)-[ENV]AN135							
MW1	PE057307.001	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW2	PE057307.002	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW3	PE057307.003	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW4	PE057307.004	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW5	PE057307.005	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
UP01	PE057307.006	LB018729	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
Chloride by Discrete Analys	er in Water Method: ME-(AU)-[i	ENVJAN274						
/IW1	PE057307.001	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
/IW2	PE057307.002	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
/IW3	PE057307.003	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 2011
IW4	PE057307.004	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
NW5	PE057307.005	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
DUP01	PE057307.006	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
				-				
Filterable Reactive Phospho	orus (FRP) Method: ME-(AU)-[E	NVJAN278						
IW1	PE057307.001	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
IW2	PE057307.002	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
IW3	PE057307.003	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
IW4	PE057307.004	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
/IW5	PE057307.005	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
OUP01	PE057307.006	LB018710	30 Apr 2011	02 May 2011	02 May 2011	02 May 2011	02 May 2011	02 May 201
Hexavalent Chromium in wa	ater by Discrete Analyser Metho	d: ME-(AU)-[ENV]	JAN283					
/IW1	PE057307.001	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW2	PE057307.002	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW3	PE057307.003	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
/IW4	PE057307.004	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
NW5	PE057307.005	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
UP01	PE057307.006	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
rip Blank	PE057307.007	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
RIN 1	PE057307.008	LB018860	30 Apr 2011	02 May 2011	01 May 2011	02 May 2011†	01 May 2011	02 May 2011
				,	,		-	
	en by FIA Method: ME-(AU)-[EN							
/IW1	PE057307.001	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
/IW2	PE057307.002	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 2011
/IW3	PE057307.003	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
IW4	PE057307.004	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
/IW5	PE057307.005	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201
DUP01	PE057307.006	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 2011
Mercury (dissolved) in Wate	er Method: ME-(AU)-[ENV]AN31	1/AN312						
/IW1	PE057307.001	LB018744	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201
/IW2	PE057307.002	LB018744	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201
/IW3	PE057307.003	LB018744	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201
/IW4	PE057307.004	LB018744	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	09 May 201
	DEAETTO TO T	1 D040744	 	00.14	 	0511	·	

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02 May 2011

02 May 2011

02 May 2011

02 May 2011

28 May 2011

28 May 2011

28 May 2011

28 May 2011

05 May 2011

05 May 2011

05 May 2011

05 May 2011

28 May 2011

28 May 2011

28 May 2011

28 May 2011



HOLDING TIME SUMMARY

HOLDING TIMES

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field sampling guide for containers and holding time" (Ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1: 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

The extraction and analysis holding time due dates listed are calculated from the date sampled, although holding times may be extended after laboratory extraction for some analytes. The due dates are the suggested dates that samples may be held before extraction or analysis and still be considered valid.

Extraction and Analysis dates are shown in Green when within suggested criteria and in Bold with an appended dagger symbol and Red† when outside suggested criteria. If the sampled date is not supplied then compliance with criteria cannot be determined. If the received date is after one or both due dates then holding time will fail by default.

Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Matale in Water (Dissolved)	by ICPOES Method: ME-(AU)-	JENVJAN320/AN3	21					
			1	00.14	07.0.1.0044	05.14 0044	07.0.1.0044	40.14. 004
WW1	PE057307.001	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
MW2	PE057307.002	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
MW3	PE057307.003	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
MW4	PE057307.004	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
MW5	PE057307.005	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
DUP01	PE057307.006	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
Γrip Blank	PE057307.007	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
RIN 1	PE057307.008	LB018752	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	10 May 201
Nitrate Nitrogen and Nitrite I	Nitrogen (NOx) by FIA Method:	ME-(AU)-[ENV]AN	1258					
/IW1	PE057307.001	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
VIW2	PE057307.002	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
/IW3	PE057307.003	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
/IW4	PE057307.004	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
MW5	PE057307.005	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
DUP01	PE057307.006	LB018769	30 Apr 2011	02 May 2011	28 May 2011	05 May 2011	28 May 2011	06 May 201
				,	,		,	
Sulphate in water Method		1.0040000	00.4	00.14	00.14	0011	0011	0014 004
IW1	PE057307.001	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
/IW2	PE057307.002	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
/IW3	PE057307.003	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
/W4	PE057307.004	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
MW5	PE057307.005	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
DUP01	PE057307.006	LB018886	30 Apr 2011	02 May 2011	28 May 2011	06 May 2011	28 May 2011	06 May 201
Sulphide by Titration in Water	er Method: ME-(AU)-[ENV]AN1	49						
WW1	PE057307.001	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
WW2	PE057307.002	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
WW3	PE057307.003	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
WW4	PE057307.004	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
/IW5	PE057307.005	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
DUP01	PE057307.006	LB018704	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
TKN Kieldahl Digestion by D	Discrete Analyser Method: ME-(AU)-IENVIAN281						
/IW1	PE057307.001	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
/IW2	PE057307.002	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
MW3	PE057307.003	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
/IW4	PE057307.004	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
MW5	PE057307.005	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
DUP01	PE057307.006	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 201
	. 200.007.000		00 Apr 2011	02 May 2011	07 May 2011	OF May 2011	Or May 2011	JO Way 201
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[Ei	NVJAN113						
MW1	PE057307.001	LB018766	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	07 May 2011	06 May 201
MW2	PE057307.002	LB018766	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	07 May 2011	06 May 201
/IW3	PE057307.003	LB018911	30 Apr 2011	02 May 2011	07 May 2011	07 May 2011	07 May 2011	07 May 201
/IW4	PE057307.004	LB018911	30 Apr 2011	02 May 2011	07 May 2011	07 May 2011	07 May 2011	07 May 201
/IW5	PE057307.005	LB018911	30 Apr 2011	02 May 2011	07 May 2011	07 May 2011	07 May 2011	07 May 201
11113				····· j · ·	or may zorr	or may zorr	or may zorr	0. maj =0.

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HOLDING TIME SUMMARY

HOLDING TIMES

SGS holding time criteria are drawn from current regulations and are highly dependent on sample container preservation as specified in the SGS "Field sampling guide for containers and holding time" (Ref: GU-(AU)-ENV.001). Soil samples guidelines are derived from NEPM "Schedule B(3) Guideline on Laboratory Analysis of Potentially Contaminated Soils". Water sample guidelines are derived from "AS/NZS 5667.1: 1998 Water Quality - sampling part 1" and APHA "Standard Methods for the Examination of Water and Wastewater" 21st edition 2005.

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Sample Name	Sample Number	QC Ref	Sampled	Received	Extraction Due	Extracted	Analysis Due	Analysed
Total Phosphorus by Kjelda	ahl Digestion DA in Water Metho	od: ME-(AU)-[ENV]	AN279/AN293					
MW1	PE057307.001	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 2011
MW2	PE057307.002	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 2011
/IW3	PE057307.003	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 2011
/IW4	PE057307.004	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 2011
/IW5	PE057307.005	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 2011
OUP01	PE057307.006	LB018702	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	07 May 2011	05 May 2011
Trace Metals (Dissolved) in	n Water by ICPMS Method: ME-	(AU)-[ENV]AN318						
/IW1	PE057307.001	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 2011
/IW2	PE057307.002	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 2011
/IW3	PE057307.003	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 2011
/IW4	PE057307.004	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 2011
/IW5	PE057307.005	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 2011
UP01	PE057307.006	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 2011
rip Blank	PE057307.007	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 2011
RIN 1	PE057307.008	LB018757	30 Apr 2011	02 May 2011	27 Oct 2011	05 May 2011	27 Oct 2011	09 May 2011
TRH (Total Recoverable H	ydrocarbons) in Water Method: I	ME-(AU)-[ENV]AN	403					
/IW1	PE057307.001	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 2011
/IW2	PE057307.002	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 2011
/IW3	PE057307.003	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 2011
/IW4	PE057307.004	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 2011
/IW5	PE057307.005	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 2011
DUP01	PE057307.006	LB018780	30 Apr 2011	02 May 2011	07 May 2011	05 May 2011	14 Jun 2011	16 May 2011
Volatile Petroleum Hydroca	arbons in Water Method: ME-(Al	J)-[ENV]AN433/AN	1434					
MW1	PE057307.001	LB018699	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	13 Jun 2011	06 May 2011
/IW2	PE057307.002	LB018699	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	13 Jun 2011	06 May 2011
81840	PE057307.003	LB018699	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	13 Jun 2011	06 May 2011
/IVV3			· ·	<u> </u>	-	04 May 2011	13 Jun 2011	06 May 2011
	PE057307.004	LB018699	30 Apr 2011	02 May 2011	07 May 2011	OT May 2011	10 0411 2011	
/IW4	PE057307.004 PE057307.005	LB018699 LB018699	30 Apr 2011 30 Apr 2011	02 May 2011 02 May 2011	07 May 2011	04 May 2011	13 Jun 2011	06 May 2011
//W3 //W4 //W5 DUP01			·	<u> </u>	-	-		06 May 2011
/IW4 /IW5	PE057307.005	LB018699	30 Apr 2011	02 May 2011	07 May 2011	04 May 2011	13 Jun 2011	

Samples received outside recommended technical holding times for Alkalinity and Hexavalent Chromium.

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Surrogate results are evaluated against upper and lower limit criteria established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). At least two of three routine level soil sample surrogate spike recoveries for BTEX/VOC are to be within 70-130% where control charts have not been developed and within the established control limits for charted surrogates. Matrix effects may void this as an acceptance criterion. Water sample surrogate spike recoveries are to be within 40-130%. The presence of emulsions, surfactants and particulates may void this as an acceptance criterion.

Result is shown in **Green** when within suggested criteria or **Bold** with an appended dagger symbol and Red† when outside suggested criteria.

Parameter	Sample Name	Sample Number	Units	Criteria	Recovery %
TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403					
TRH (Surrogate)	MW1	PE057307.001	%	40 - 130%	75
	MW2	PE057307.002	%	40 - 130%	76
	MW3	PE057307.003	%	40 - 130%	82
	MW4	PE057307.004	%	40 - 130%	75
	MW5	PE057307.005	%	40 - 130%	93
	DUP01	PE057307.006	%	40 - 130%	74
Volatile Petroleum Hydrocarbons in Water Method: ME-(AU)-[ENV]AN433/AN434			'	'	'
Bromofluorobenzene (Surrogate)	MW1	PE057307.001	%	60 - 130%	104
	MW2	PE057307.002	%	60 - 130%	109
	MW3	PE057307.003	%	60 - 130%	99
	MW4	PE057307.004	%	60 - 130%	97
	MW5	PE057307.005	%	60 - 130%	99
	DUP01	PE057307.006	%	60 - 130%	98
	Trip Blank	PE057307.007	%	60 - 130%	100
	RIN 1	PE057307.008	%	60 - 130%	97
14-1,2-dichloroethane (Surrogate)	MW1	PE057307.001	%	60 - 130%	104
,	MW2	PE057307.002	%	60 - 130%	119
	MW3	PE057307.003	%	60 - 130%	112
	MW4	PE057307.004	%	60 - 130%	100
	MW5	PE057307.005	%	60 - 130%	109
	DUP01	PE057307.006	%	60 - 130%	100
	Trip Blank	PE057307.007	%	60 - 130%	105
	RIN 1	PE057307.008	%	60 - 130%	108
d8-toluene (Surrogate)	MW1	PE057307.001	%	60 - 130%	102
	MW2	PE057307.002	%	60 - 130%	104
	MW3	PE057307.003	%	60 - 130%	101
	MW4	PE057307.004	%	60 - 130%	98
	MW5	PE057307.005	%	60 - 130%	96
	DUP01	PE057307.006	%	60 - 130%	95
	Trip Blank	PE057307.007	%	60 - 130%	98
	RIN 1	PE057307.008	%	60 - 130%	97
Dibromofluoromethane (Surrogate)	MW1	PE057307.001	%	60 - 140%	103
	MW2	PE057307.002	%	60 - 140%	107
	MW3	PE057307.003	%	60 - 140%	103
	MW4	PE057307.004	%	60 - 140%	102
	MW5	PE057307.005	%	60 - 140%	106
	DUP01	PE057307.006	%	60 - 140%	103
	Trip Blank	PE057307.007	%	60 - 140%	104
	RIN 1	PE057307.008	%	60 - 140%	107

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METHOD BLANKS

Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

		Control	BLK MB
Parameter	Units	LOR	
Alkalinity Method: ME-(AU)-[ENV]AN135 LB018729.001			
Total Alkalinity as CaCO3	mg/L	5	<5
LB018729.027			
Total Alkalinity as CaCO3	mg/L	5	<5
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB018886.001			
Chloride	mg/L	1	<1
LB018886.026			
Chloride	mg/L	1	<1
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 LB018710.001			
Filterable Reactive Phosphorus	mg/L	0.002	<0.002
Hexavalent Chromium in water by Discrete Analyser LB018860.001 Method: ME-(AU)-[ENV]AN		0.002	<0.002
Hexavalent Chromium, Cr6+	mg/L	0.002 0.005	
Trivalent Chromium, Cr3+			
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB018769.001	mg/L	0.000	<0.005
	mg/L	0.005	<0.005
LB018769.001	-		
LB018769.001 Ammonia Nitrogen, NH ₃ as N	-		
LB018769.001 Ammonia Nitrogen, NH ₃ as N LB018769.027	mg/L	0.005	<0.005
LB018769.001 Ammonia Nitrogen, NH ₃ as N LB018769.027 Ammonia Nitrogen, NH ₃ as N Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312	mg/L	0.005	<0.005
LB018769.001 Ammonia Nitrogen, NH ₃ as N LB018769.027 Ammonia Nitrogen, NH ₃ as N Mercury (dissolved) in Water LB018744.001 Method: ME-(AU)-[ENV]AN311/AN312	mg/L	0.005	<0.005 <0.005 <0.0005
LB018769.001 Ammonia Nitrogen, NH ₃ as N LB018769.027 Ammonia Nitrogen, NH ₃ as N Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.001 Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321	mg/L	0.005	<0.005 <0.005 <0.0005
LB018769.001 Ammonia Nitrogen, NH ₃ as N LB018769.027 Ammonia Nitrogen, NH ₃ as N Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.001 Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.001	mg/L mg/L	0.005 0.005 0.00005 0.2 0.1	<0.005 <0.0005 <0.00005
LB018769.001 Ammonia Nitrogen, NH ₃ as N LB018769.027 Ammonia Nitrogen, NH ₃ as N Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.001 Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.001 Calcium, Ca Magnesium, Mg Manganese, Mn	mg/L mg/L mg/L	0.005 0.0005 0.00005 0.2 0.1 0.005	<0.005 <0.0005 <0.00005 <0.2 <0.1 <0.0005
LB018769.001 Ammonia Nitrogen, NH ₃ as N LB018769.027 Ammonia Nitrogen, NH ₃ as N Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.001 Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.001 Calcium, Ca Magnesium, Mg	mg/L mg/L mg/L mg/L	0.005 0.0005 0.00005 0.2 0.1 0.005 0.1	<0.005 <0.0005 <0.00005 <0.2 <0.1 <0.0005 <0.1
LB018769.001 Ammonia Nitrogen, NH ₃ as N LB018769.027 Ammonia Nitrogen, NH ₃ as N Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.001 Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.001 Calcium, Ca Magnesium, Mg Manganese, Mn	mg/L mg/L mg/L mg/L mg/L	0.005 0.0005 0.00005 0.2 0.1 0.005	<0.005 <0.0005 <0.00005 <0.2 <0.1 <0.0005

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Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Parameter	Units	Control LOR	BLK MB
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258 LB018769.001			
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	<0.005
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	<0.005
LB018769.024			
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	<0.005
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	<0.005
Sulphate in water Method: ME-(AU)-[ENV]AN275 LB018886.001			
Sulphate	mg/L	1	<1
LB018886.026			
Sulphate	mg/L	1	<1
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018766.001		10	<10
Total Dissolved Solids Dried at 180°C	mg/L	10	<10
LB018766.024			
Total Dissolved Solids Dried at 180°C	mg/L	10	<10
LB018911.001			
Total Dissolved Solids Dried at 180°C	mg/L	10	<10
LB018911.025			
Total Dissolved Solids Dried at 180°C	mg/L	10	<10
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 LB018757.001			
Aluminium, Al	μg/L	1	<1
Arsenic, As	μg/L	1	<1
Cadmium, Cd	μg/L	0.1	<0.1
Chromium, Cr	μg/L	1	<1
Iron, Fe	μg/L	5	<5
Lead, Pb	μg/L	1	<1 <1
Manganese, Mn	μg/L	1 2	
Selenium, Se	µg/L	1	<2 <1
Zinc, Zn TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403 LB018780.001	µg/L	1	*1
TRH C10-C14	μg/L	50	<50
TRH C15-C28	μg/L	200	<200
TRH C29-C36	μg/L	200	<200

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Blank results are evaluated against the limit of reporting (LOR), for the chosen method and its associated instrumentation, which is typically 2.5 times the statistically determined method detection limit (MDL).

Result is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Parameter	Units	Control LOR	BLK MB
Continued TRH (Total Recoverable Hydrocarbons) in Water LB018780.001 Surrogates Method: ME-(AU)-	-[ENV]AN403		
TRH (Surrogate)	%	-	88
Volatile Petroleum Hydrocarbons in Water LB018699.001 TRH C6-C9	4 µg/L	40	<40
Surrogates	%	_	96
Dibromofluoromethane (Surrogate)	%	_	99
d4-1,2-dichloroethane (Surrogate) d8-toluene (Surrogate)	%	-	96
Bromofluorobenzene (Surrogate)	%	-	93

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PE057287.001-DUP



DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Sample Name

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Alkalinity Method: ME-(AU)-[ENV]AN135 LB018729.005						
Total Alkalinity as CaCO3	mg/L	5	21	21	39	2
		Sample Name		PE05729	91.002-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Alkalinity Method: ME-(AU)-[ENV]AN135 LB018729.011						
Total Alkalinity as CaCO3	mg/L	5	84	82	21	2
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB018886.041						
Chloride	mg/L	1	7500	7500	15	0
Sulphate in water Method: ME-(AU)-[ENV]AN275 LB018886.041						
Sulphate	mg/L	1	670	650	15	3
		Sample Name		PE05729	91.004-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB018886.043						
Chloride	mg/L	1	6300	6300	15	1
Sulphate in water LB018886.043 Method: ME-(AU)-[ENV]AN275						
Sulphate	mg/L	1	570	550	15	5
		Sample Name		DE05720	96.002-DUP	
		Sample Name				
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018766.013						
Total Dissolved Solids Dried at 180°C	mg/L	10	152.000000000001	140	22	5
		Sample Name		PE05720	96.005-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
TKN Kjeldahi Digestion by Discrete Analyser Method: ME-(AU)-[ENV]AN281 LB018702.018						
Total Nitrogen (calc)	mg/L	0.05	0.107	0.09	60	15

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Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

		Sample Name		PE057296.005-DUP		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN27	9/AN293					
LB018702.018						
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.012	<0.01	126	18
		Sample Name		PE05729	98.001-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN27	9/AN293					
LB018702.004						
Total Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.05	0.05	37	4
		Sample Name		PE05730	2.002-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261						
LB018769.013						
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.66	0.68	16	2
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258 LB018769.013						
		0.005	0.018	0.020	41	11
Nitrate/Nitrite Nitrogen, NOx as N Nitrite Nitrogen, NO2 as N	mg/L mg/L	0.005	0.018	<0.005	200	0
Traine Hilloger, Nozus N	mg/L					<u> </u>
		Sample Name		PE05730	7.002-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113						
LB018766.026						
Total Dissolved Solids Dried at 180°C	mg/L	10	2000	2000	15	0
		Sample Name		PE05730	7.005-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312						
LB018744.009						
Mercury	μg/L	0.00005	0.00011	0.11	62	5
		Sample Name		PE05730	7.006-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Hexavalent Chromium in water by Discrete Analyser Method: ME-(AU)-[ENV]AN28	3					
L DO40000 044						
LB018860.014						
Hexavalent Chromium, Cr6+	mg/L	0.002	<0.002	<0.002	200	0

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DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Sample Name			PE057320.001-DUP		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Alkalinity Method: ME-(AU)-[ENV]AN135 LB018729.030						
Total Alkalinity as CaCO3	mg/L	5	310	300	17	3
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB018886.015						
Chloride	mg/L	1	1400	1400	15	1
Sulphate In water Method: ME-(AU)-[ENV]AN275 LB018886.015						
Sulphate	mg/L	1	800	870	15	8
		Sample Name		DE05733	0.004-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 LB018769.029						
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.072	0.061	23	17
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258 LB018769.026						
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.31 0.05	0.31	17	0
Nitrite Nitrogen, NO₂ as N	mg/L	0.005	0.05	0.050	25	0
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018911.014						
Total Dissolved Solids Dried at 180°C	mg/L	10	4100	4100	15	1
				DE05700	00 040 DUD	
	٤	Sample Name		PE05/32	0.010-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 LB018710.015						
Filterable Reactive Phosphorus	mg/L	0.002	0.045	0.047	19	4
		Name I a Name		DE05722	00 044 DUD	
		Sample Name			0.011-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Alkalinity Method: ME-(AU)-[ENV]AN135 LB018729.041						
Total Alkalinity as CaCO3	mg/L	5	360	360	16	0
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 LB018886.029						

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DUPLICATES

Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	5	Sample Name		PE05732	0.011-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Culphate in water Mathed MF (ALD TARGANOTE						
Sulphate in water Method: ME-(AU)-[ENV]AN275 LB018886.029						
Sulphate	mg/L	1	380	380	15	2
	5	Sample Name		PE05732	0.012-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 LB018710.024						
	T	0.002	0.006	0.006	E4	2
Filterable Reactive Phosphorus	mg/L	0.002	0.006	0.006	51	2
					00 000 DUB	
		Sample Name		PE05732	22.002-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Low Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261						
LB018769.040						
Annual Ningay Nil and		0.005	6.1	6.1	15	0
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	6.1	0.1	15	0
Total Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 LB018911.027						
Total Dissolved Solids Dried at 180°C	mg/L	10	1390	1400	16	0
	Ş	Sample Name		PE05732	2.007-DUP	
Barranatar	l luite	LOD	Oniminal Bassill	Dunlineta Banult	Cuitania 0/	DDD 9/
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN25 LB018769.043	8					
Nitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	1.8	1.8	15	2
Nitrate/Nitrite Nitrogen, NO _x as N Nitrite Nitrogen, NO ₂ as N	mg/L mg/L	0.005 0.005	1.8 0.011	1.8 0.013	15 57	2 17
	mg/L	0.005		0.013	57	
	mg/L			0.013		
	mg/L	0.005		0.013	57	
Nitrite Nitrogen, NO₂ as N	mg/L	0.005 Sample Name	0.011	0.013 PE05733	57 4.002-DUP	17
Nitrite Nitrogen, NO2 as N Parameter Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312	mg/L	0.005 Sample Name	0.011	0.013 PE05733	57 4.002-DUP	17
Nitrite Nitrogen, NO₂ as N Parameter Mercury (dissolved) in Water LB018744.015 Method: ME-(AU)-[ENV]AN311/AN312	mg/L S Units μg/L	0.005 Sample Name LOR	0.011 Original Result	0.013 PE05733 Duplicate Result	57 i4.002-DUP Criteria %	17 RPD %
Nitrite Nitrogen, NO ₂ as N Parameter Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.015 Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.014	mg/L Σ Units μg/L	0.005 Sample Name LOR	0.011 Original Result	0.013 PE05733 Duplicate Result	57 i4.002-DUP Criteria %	17 RPD %
Nitrite Nitrogen, NO2 as N Parameter Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.015 Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321	mg/L S Units μg/L	0.005 Sample Name LOR 0.00005	0.011 Original Result <0.0001	0.013 PE05733 Duplicate Result <0.00005	57 i4.002-DUP Criteria % 200	17 RPD %
Nitrite Nitrogen, NO ₂ as N Parameter Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.015 Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.014 Calcium, Ca	mg/L Units μg/L mg/L	0.005 Sample Name LOR 0.00005	0.011 Original Result <0.0001	0.013 PE05733 Duplicate Result <0.00005	57 i4.002-DUP Criteria % 200	17 RPD % 0
Parameter Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.015 Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.014 Calcium, Ca Magnesium, Mg	mg/L Units μg/L mg/L mg/L	0.005 Sample Name LOR 0.00005	0.011 Original Result <0.0001	0.013 PE05733 Duplicate Result <0.00005	57 i4.002-DUP Criteria % 200 15 15	17 RPD % 0
Parameter Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.015 Mercury Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.014 Calcium, Ca Magnesium, Mg Manganese, Mn	mg/L Units Units μg/L mg/L mg/L mg/L	0.005 Sample Name LOR 0.00005 0.2 0.1 0.005	0.011 Original Result <0.0001 64 43 <0.005	0.013 PE05733 Duplicate Result <0.00005 65 43 <0.0005	57 4.002-DUP Criteria % 200 15 15 200	17 RPD % 0 1 1 0

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Duplicates are calculated as relative percent difference (RPD) using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean

The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability

Where the MaxAllowableDifference evaluates to a number larger than 200 it is displayed as 200.

RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Sample Name			PE05733		
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 LB018757.014						
Arsenic, As	μg/L	1	<0.002	<1	200	0
Lead, Pb	μg/L	1	0.002	2	59	11
Selenium, Se	μg/L	2	0.003	3	79	3
	S	ample Name		PE05733	35.004-DUP	
Parameter	Units	LOR	Original Result	Duplicate Result	Criteria %	RPD %
Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.023						
Mercury	μg/L	0.00005	<0.0001	<0.00005	200	0
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 LB018757.022						
Arsenic, As	μg/L	1	0.005	5	35	4
Lead, Pb	μg/L	1	<0.001	<1	200	175
Selenium, Se	μg/L	2	0.003	3	74	3

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Nitrite Nitrogen, NO₂ as N

LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Control			LCS STD			
Parameter	Units	LOR	Result	Expected Result	Criteria %	Recovery %	
Alkalinity Method: ME-(AU)-[ENV]AN135							
LB018729.002							
Total Alkalinity as CaCO3	mg/L	5	49	45	85 - 115	108	
······································	3						
LB018729.028							
Fotal Alkalinity as CaCO3	mg/L	5	49	45	85 - 115	110	
	, ,						
Chloride by Discrete Analyser in Water Method: ME-(AU)-[ENV]AN274 .B018886.002							
Chloride	mg/L	1	10	10	85 - 115	105	
B018886.027							
		4	10	40	0E 44E	404	
Chloride	mg/L	1	10	10	85 - 115	104	
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 B018710.002							
Filterable Reactive Phosphorus	mg/L	0.002	0.21	0.2	80 - 120	105	
B018860.002	mg/L	0.002	0.11	0.1	80 - 120	110	
.ow Level Ammonia Nitrogen by FIA Method: ME-(AU)-[ENV]AN261 .B018769.002							
Ammonia Nitrogen, NH₃ as N	mg/L	0.005	0.78	0.8	85 - 115	97	
B018769.028							
ummonia Nitrogen, NH₃ as N	mg/L	0.005	0.76	0.8	85 - 115	95	
Aercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 B018744.002							
Mercury	mg/L	0.00005	0.0026	0	NA	103	
Metals In Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 B018752.002							
Calcium, Ca	mg/L	0.2	200	200	80 - 120	101	
flagnesium, Mg	mg/L	0.1	210	200	80 - 120	106	
anganese, Mn	mg/L	0.005	2.0	2	80 - 120	102	
otassium, K	mg/L	0.1	2.3	2	80 - 120	114	
illicon, Si	mg/L	0.02	2.3	2	80 - 120	117	
odium, Na	mg/L	0.5	210	200	80 - 120	107	
ititrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[ENV]AN258 B018769.002							
sitrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.80	0.8	85 - 115	100	
Nitrito Nitrogon NO on N	mg/L	0.005	0.84	0.8	85 - 115	105	

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mg/L

0.005

85 - 115

105



LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Cont	trol		LCS STD		
Parameter	Units	LOR	Result	Expected Result	Criteria %	Recovery %
continued Nitrate Nitrogen and Nitrite Nitrogen (NOx) by FIA Method: ME-(AU)-[EN B018769.025	IV]AN258					
litrate/Nitrite Nitrogen, NOx as N	mg/L	0.005	0.77	0.8	85 - 115	97
litrite Nitrogen, NO₂ as N	mg/L	0.005	0.79	0.8	85 - 115	99
Sulphate in water Method: ME-(AU)-[ENV]AN275 B018886.002						
ulphate	mg/L	1	10	10	80 - 120	99
B018886.027						
Sulphate	mg/L	1	10	10	80 - 120	97
Cotal Dissolved Solids (TDS) in water Method: ME-(AU)-[ENV]AN113 Method: ME-(AU)-[ENV]AN113						
otal Dissolved Solids Dried at 180°C	mg/L	10	260	300	80 - 120	87
B018766.025						
Total Dissolved Solids Dried at 180°C	mg/L	10	300	300	80 - 120	99
B018911.002						
Total Dissolved Solids Dried at 180°C	mg/L	10	270	300	80 - 120	89
B018911.026						
Total Dissolved Solids Dried at 180°C	mg/L	10	260	300	80 - 120	88
Total Phosphorus by Kjeldahl Digestion DA in Water Method: ME-(AU)-[ENV]AN279// .B018702.002	AN293					
otal Phosphorus (Kjeldahl Digestion)	mg/L	0.01	0.40	0.5	80 - 120	80
Frace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 .B018757.002						
duminium, Al	μg/L	1	11	10	80 - 120 80 - 120	114
rsenic, As	µg/L	0.1	11	10	80 - 120 80 - 120	114
admium, Cd hromium, Cr	μg/L μg/L	1	11	10	80 - 120	114
on, Fe	µg/L	5	10	10	80 - 120	101
ead, Pb	µg/L	1	11	10	80 - 120	107
		1	12	10	80 - 120	117
	μg/L			10	80 - 120	440
langanese, Mn	µg/L	2	11	10	00 120	110
anganese, Mn elenium, Se		1	10	10	80 - 120	110
fanganese, Mn selenium, Se inc, Zn RH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403	μg/L					
Manganese, Mn Selenium, Se Zinc, Zn ITRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403 B018780.002 ITRH C10-C14	μg/L		10 470	500	80 - 120 60 - 130	
Manganese, Mn Selenium, Se Zinc, Zn IRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403 RH C10-C14	μg/L μg/L	50 200	470 550	500 500	60 - 130 60 - 130	95 110
Manganese, Mn Selenium, Se Zinc, Zn ITRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403 IRH C10-C14 IRH C15-C28	μg/L μg/L	50	10 470	500	80 - 120 60 - 130	101
Manganese, Mn Selenium, Se Zinc, Zn TRH (Total Recoverable Hydrocarbons) in Water Method: ME-(AU)-[ENV]AN403 B018780.002	μg/L μg/L μg/L μg/L	50 200	470 550	500 500	60 - 130 60 - 130	95 110

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LABORATORY CONTROL STANDARDS

Laboratory Control Standard (LCS) results are evaluated against an expected result, typically the concentration of analyte spiked into the control during the sample preparation stage, producing a percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report.

Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Cont	rol		LCS		
Parameter	Units	LOR	Result	Expected Result	Criteria %	Recovery %
Volatile Petroleum Hydrocarbons in Water LB018699.002 Method: ME-(AU)-[ENV]AN433/AN434						
TRH C6-C9	μg/L	40	<40	30	70 - 130	99
Surrogates						
Dibromofluoromethane (Surrogate)	μg/L	-	5.1	5	60 - 130	101
d4-1,2-dichloroethane (Surrogate)	μg/L	-	5.5	5	60 - 130	109
d8-toluene (Surrogate)	μg/L	-	5.1	5	60 - 130	102
Bromofluorobenzene (Surrogate)	μg/L	-	5.3	5	60 - 130	106

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QUALITY CONTROL - MATRIX SPIKES

Matrix spike (MS) results are evaluated as the percentage recovery of an expected result, typically the concentration of analyte spiked into a field sub-sample during the sample preparation stage. The original sample's result is subtracted from the sub-sample result before determining the percentage recovery. The criteria applied to the percentage recovery is established in the SGS QA/QC plan (Ref: MP-(AU)-[ENV]QU-022). For more information refer to the footnotes in the concluding page of the report. Recovery is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

	Control			N		
Parameter	Units	LOR	Result	Original Result	Spike Added	Recovery %
Chloride by Discrete Analyser in Water LB018886.005 Method: ME-(AU)-[ENV]AN274						
Chloride	mg/L	1	200	82	100	119
LB018866.031						
Chloride	mg/L	1	300	192.333	100	110
Filterable Reactive Phosphorus (FRP) Method: ME-(AU)-[ENV]AN278 LB018710.004						
Filterable Reactive Phosphorus	mg/L	0.002	0.21	<0.002	0.2	103
Hexavalent Chromium in water by Discrete Analyser Method: ME-(AU)-[ENV]AN283 LB018860.012						
Hexavalent Chromium, Cr6+	mg/L	0.002	0.11	<0.002	0.1	114
Mercury (dissolved) in Water Method: ME-(AU)-[ENV]AN311/AN312 LB018744.004						
Mercury	mg/L	0.00005	0.0021	<0.00005	0.0025	103
Metals in Water (Dissolved) by ICPOES Method: ME-(AU)-[ENV]AN320/AN321 LB018752.004 Calcium, Ca	mg/L	0.2	360	200	200	81
Magnesium, Mg	mg/L	0.1	250	63	200	93
Manganese, Mn	mg/L	0.005	2.0	0.17	2	93
Potassium, K	mg/L	0.1	12	10	2	101
Silicon, Si	mg/L	0.02	16	14	2	81
Sodium, Na	mg/L	0.5	540	350	200	95
Sulphate in water LB018886.005 Method: ME-(AU)-[ENV]AN275						
Sulphate	mg/L	1	160	29	-	NA
LB018886.031						
Sulphate	mg/L	1	160	30.462	100	127
Trace Metals (Dissolved) in Water by ICPMS Method: ME-(AU)-[ENV]AN318 LB018757.004						
Aluminium, Al	μg/L	1	21	10	10	114
Arsenic, As	μg/L	1	12	<1	10	111
Cadmium, Cd	μg/L	0.1	10	<0.1	10	102
Chromium, Cr	μg/L	1 -	11	<1	10	115
Iron, Fe	μg/L	5	20 11	8 <1	10	119 107
Lead, Pb	μg/L	1	170	170	10	56†
Manganese, Mn Selenium, Se	μg/L μg/L	2	10	<2	10	96
Zinc, Zn	μg/L	1	25	16	10	88
	19/-				1	1

Recovery failed acceptance criteria due to the presence of significant concentration of analyte (i.e. the concentration of analyte exceeds the spike level).

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MATRIX SPIKE DUPLICATES



Matrix spike duplicates are calculated as relative percent difference using the formula RPD = | OriginalResult - ReplicateResult | x 100 / Mean
The original result is the analyte concentration of the matrix spike and the replicate result is the analyte concentration of the matrix spike duplicate.
The RPD is evaluated against the maximum allowable RPD criteria and can be graphically represented by a curve calculated from the statistical detection limit and limiting repeatability using the formula: MaxAllowableDifference = 100 x StatisticalDetectionLimit / Mean + LimitingRepeatability
RPD is shown in Green when within suggested criteria or Bold with an appended dagger symbol and Red† when outside suggested criteria.

No Matrix Spike Duplicates were required for this job.

FOOTNOTES

IS Insufficient sample for analysis. LNR Sample listed, but not received.

NATA Accreditation does not cover this analysis.

^ Performed by outside laboratory.

LOR Limit of Reporting

QFH QC result is above the upper tolerance
QFL QC result is below the lower tolerance
NA The sample was not analysed for this analyte

Samples analysed as received. Solid samples expressed on a dry weight basis.

The QC criteria are subject to internal review according to the SGS QAQC plan and may be provided on request or alternatively can be found here: http://www.au.sgs.com/sgs-mp-au-env-qu-022-qa-qc-plan-en-09.pdf

This document is issued, on the Client's behalf, by the Company under its General Conditions of Service available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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Attachment 9B

Letter from DEC Contaminated Sites Branch stating Acid Sulfate Soil investigation report meets the requirements of condition 9.1.



Your ref:

0086269

Our ref:

2012/1501

Enquiries:

Rowena Beaton (08) 9333 7573

Phone: Fax:

(08) 9333 7575

Email:

rowena.beaton@dec.wa.gov.au

Steve Morrison ERM Australia 6th Floor, 172 St Georges Terrace Perth WA 6000

Dear Mr Morrison,

TECHNICAL AMMONIUM NITRATE PRODUCTION FACILITY ACID SULFATE SOILS INVESTIGATION

Thank you for your submission of the report entitled "Burrup Nitrates Pty Ltd, Technical Ammonium Nitrate Production Facility (TANPF), Acid Sulfate Soils Investigation" (ERM Australia, December 2011) (the report) to the Contaminated Sites Branch (CSB) of the Department of Environment and Conservation (DEC). The report was received on 9 March 2012.

It is understood that the report was prepared to satisfy Condition No. 9 of Ministerial Statement 870 under Part IV of the *Environmental Protection Act 1986*, issued for Lots 3017 and 3018 Hearson Cove Road, Burrup Industrial Estate on 7 July 2011. Condition 9 reads as follows:

"9-1 The proponent shall undertake intrusive acid sulphate soils investigations prior to the commencement of construction.

9-2 In the event that acid sulphate soils are disturbed during construction of the TANPF, the proponent shall treat and manage acid sulphate soils in accordance with the requirements of the DEC's draft guideline on the treatment and management of acid sulfate soils and water in acid sulfate soil landscapes (DEC, 2009) and any subsequent revisions."

CSB has reviewed the report and provides the following comment.

Based on the information provided, CSB concurs with the results of the acid sulfate soil (ASS) investigation carried out at the site and agrees that no ASS appear to be present at the site.

It is understood that dewatering will be undertaken at the site, but that dewatering is not expected to disturb any ASS within the development area. Groundwater modelling was not provided, but soil investigations have also been undertaken in the surrounding area (in the most likely topographic area for ASS to be present) and these did not identify ASS. As such, CSB considers that dewatering is unlikely to disturb ASS and that groundwater modelling is not required.

As such, it is agreed that an acid sulfate soil and dewatering management plan (ASSDMP) is not necessary for the proposed works.

However, as total acidity was not included as an analyte in groundwater investigations, DEC recommends that the quality of dewatering effluent is monitored during any dewatering operations via measurements of pH (at a minimum) and total titratable acidity. These parameters can be measured in the field by dewatering contractors. If any deterioration in dewatering effluent quality is noted, this should be used as a trigger to implement contingency actions as described in section 5.3.7 of 'Treatment and management of soils and water in acid sulfate soil landscapes' (DEC, July 2011).

Ammonia, chromium and mercury were present in groundwater at concentrations exceeding the Aquatic Ecosystems – Marine guidelines, as published in 'Assessment Levels for Soil, Sediment and Water' (DEC, 2010). Dewatering effluent should not be discharged to the marine environment unless it can be shown to be of a suitable quality.

Should the site work program change such that excavation and/or dewatering is proposed to be undertaken outside the area shown in Figure 1, then further investigation and/or a comprehensive acid sulfate soil and dewatering management plan (ASSDMP) should be developed to the satisfaction of DEC.

Consequently, CSB considers that Condition No. 9 of Ministerial Statement 870 has been satisfactorily met for Lots 3017 and 3018 Hearson Cove Road, Burrup Industrial Estate.

Please contact Rowena Beaton, Environmental Officer of CSB, on 9333 7573 if you have any queries in relation to the above.

Yours sincerely

Kerry Laszig MANAGER

CONTAMINATED SITES BRANCH

5 June 2012

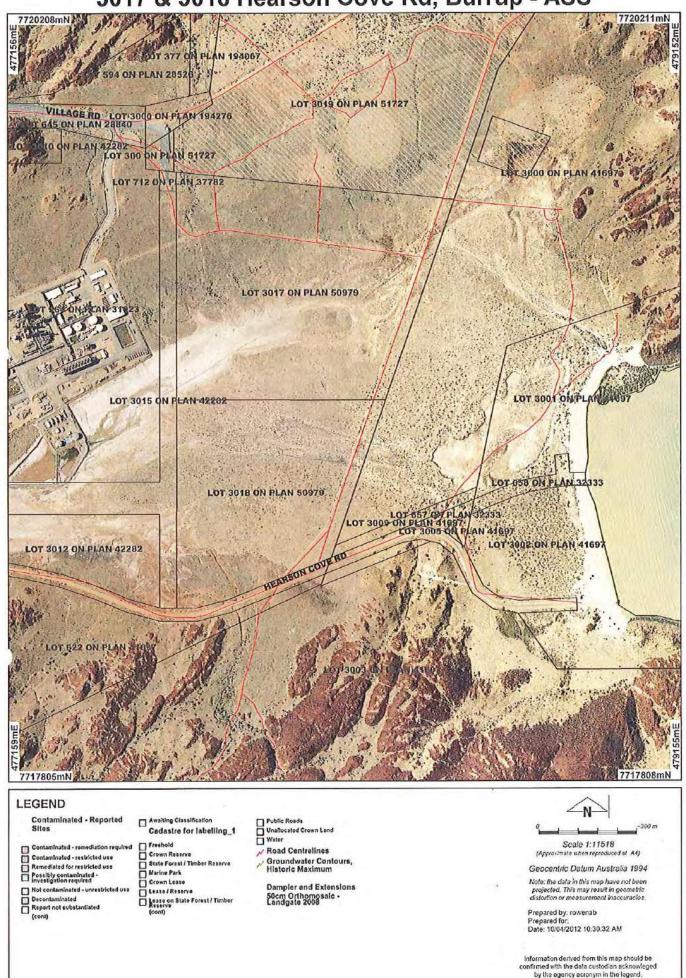
c.c. Regional Manager, Department of Water, Pilbara Region, PO Box 835, Karratha WA 6714

c.c. Shire of Roebourne, PO Box 219, Karratha WA 6714

c.c. Mr Ian Munro, Office of the Environmental Protection Authority, Locked Bag 33, Cloisters Square, Perth Western Australia 6850

Attachment 1: Site location figure

3017 & 3018 Hearson Cove Rd, Burrup - ASS



Department of Environment and Conservation

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Attachment 10A

Decommissioning Environmental Management Plan, Revision 6.





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Yara Pilbara Nitrates Process Facility Decommissioning Environmental Management Plan (DEMP)

DOCU	MENT No: 500-200-PLN-YPF-0001	YARA PILBARA NITRATES						
DOCU	MENT CUSTODIAN: YPNPL Commissioning Man	DOCUMENT OWNER: Business Services Manager						
REV	DESCRIPTION	ORIGIN	VERIFIED	DATED	YARA APPROVAL	SIGNED	DATED	VALID THROUGH
5	Amend to Yara Pilbara template and document updated for submission to EPA	R Lam	U Nylund	24-03-2015	R Sinha	RS	24-03-2015	24-03-2017
6	Update sections 6.1 and 6.3.6 as per comments from OEPA	R Lam	U Nylund	05-05-2015	R Sinha	RS	11-05-2015	11-05-2017



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1 Purpose and Application

Yara Pilbara Nitrates Pty Ltd (YPNPL) submitted a development application for the proposed Technical Ammonium Nitrate Production Facility (TANPF) to the City of Karratha.

The implementation of the proposal is subject to a set of conditions defined by the Environmental Protection Authority (EPA) and set forth in Ministerial Statement 870. Condition 10-1 (870:M10.1) refers to decommissioning as an overall phase of the TAN Burrup Project execution and therefore requires a management plan.

The Decommissioning Environmental Management Plan (DEMP) is a dynamic document that:

- Will be periodically reviewed and revised throughout the decommissioning phase;
- · Will be reissued prior to the decommissioning phase; and
- Can be reissued at other intervals as required by HES.

Future submissions will include a summary of the effectiveness of the mitigation measures over the previous 12 months.

The issue of closing down, dismantling and demolishing the TANPF is an integral part of restructuring of YPNPL's business. The intention with this manual is to describe a best practice approach to the issue.

Information from several sources has therefore been combined into this manual. The document has, to a large extent, the form of a checklist. The document will be subject to changes and development to reflect the experience which will be gained.

More specific information will be found as enclosures to the document.

The site has been proposed and defined based different criteria including minimization of environmental disturbance (see section 5). The level of the site has been studied to ensure minimal alterations to original level. The site will be brought back to a level of an industrial zoned area. Relevant items for the final landform at closure to be considered:

- The requirement to think long term.
- The requirement to integrate the closure plan into current operations.

It is therefore essential to begin with determining the desired geometry at closure taking into consideration:

- The management of runoff and long term erosion;
- The slope profile that will generate minimum erosion;
- The potential effects of differential settlement; and
- Isolation of chemically adverse material within the dump such that it is unlikely to be exposed by erosion and that net infiltrated rainwater through the adverse material is minimized.

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The decommissioning phase will last approximately four to six months with an average manning level of at least 30-40 persons. The number of persons involved in these activities is susceptible to increase. Upon decommissioning the TANPF is not considered likely to have any significant hazardous wastes or contaminate land. All wastes and contaminated material will be cleaned and removed in accordance with relevant legislation and the DEMP.

The site will be brought back to a level of an industrial zoned area. The original landform has not been significantly altered and for areas/sections of the site that could potentially be differing significantly from the original landform, restoration shall be considered.

In addition equipment, buildings and other facilities will be removed. Decommissioning activities will involve the recovery of catalyst (platinum) from the heat exchangers and vessels in the NA plant.

Clean and contaminated surface water ponds will be emptied and cleaned (with all contaminated waste to be appropriately removed by an approved waste contractor), and all interconnections (piping) to the YPFPL site will be removed.

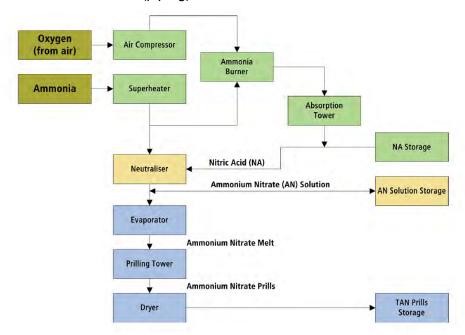


Figure 1: TAN Production Facility Production Process

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This DEMP will indicate the mitigation measures to reduce and where possible prevent any significant adverse effects on the environment throughout the decommissioning phase of the Project. The decommissioning activity is divided into 3 phases as follows:

- Care and Maintenance Preparations: is the first phase of decommissioning. During this phase most of the plant and buildings on the site will be dismantled and cleared.
- 2. Care and Maintenance: is the second phase of decommissioning, during which no significant dismantling will be carried out. The Site will continue to be managed, monitored and maintained.
- 3. Final Site Clearance: is the last phase. This involves the dismantling of the remaining structures on the Site and the clearance of any residual to bring it back to a level of an industrial zone area.

Environmental topics to be considered as a minimum are:

- Air Quality and Dust
- · Archaeology and Cultural Heritage
- Ecology
- Geology, Hydrogeology and Soils
- Landscape and Visual
- Noise and Vibration
- Socio-Economic
- Surface Waters
- Traffic and Transport

Table 1 below summarizes the requirements given in Ministerial Statements 870, Condition 10-1

Requirements of Condition 10-1	. Description	
Condition part 10-1(1)	Describe the rationale for siting and design of plant and infrastructure as relevant to environmental protection	Section 5
Condition part 10-1(2)	Prepare a conceptual plan of the final landform at closure	Section 6
Condition part 10-1(3)	Prepare for plan for care and maintenance phase	Section 8.1.5
Condition part 10-1(4)	Prepare an initial plan for the management of noxious materials following closure.	Section 8.1.8

Table 1: Conditions set out in MS 870 Condition 10-1



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2 Abbreviations

DEMP Decommissioning Environmental Management Plan

HES Health Environment Safety

TAN Technical Ammonium Nitrate

TANPF Technical Ammonium Nitrate Production Facility

TR Técnicas Reunidas S.A.

YPFPL Yara Pilbara Fertilisers Pty Ltd

YPNPL Yara Pilbara Nitrates Pty Ltd

3 Definitions

Company Yara Pilbara Nitrates Pty Ltd

Contractor Técnicas Reunidas S.A.

Construction Includes any preparatory work required to be undertaken including

clearing vegetation, cut and fill activities, the erection of any on-site temporary structures and the use of equipment for the purpose of

breaking the ground for buildings or infrastructure.

Decommissioning Planned shut-down or removal (partial or total) of a building,

equipment, etc. from operation or usage.

Demolition The controlled act of destroying a building, equipment, etc.

Project TAN Burrup Project.

Rehabilitation Activities performed in order to return the site to pre-construction

conditions

The Site 35 Ha area where construction works are performed.



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4 Rationale for Siting and Design of the Plant and Infrastructure Relevant to Environmental Protection

4.1 Site Selection

During the Site selection screening study, three industrial estates in the Pilbara region were assessed and ranked in terms of their suitability for development of a technical ammonium nitrate production facility (TANPF). The three industrial estates identified were:

- Mount Anketell Industrial Estate (MAIE) A 4,775 Ha industrial estate located on the Pilbara coastline in the northwest of WA, 1,253 km north of Perth and 37km northeast of Karratha and situated in the Shire of Roebourne.
- Burrup Industrial Estate (BIE) A 1,400 Ha strategic industrial estate located on the Burrup Peninsula, 13km northwest of Karratha.
- Maitland Industrial Estate (MIE) A 3,300 Ha strategic industrial estate located about 17 km southwest of Karratha

Criteria used in selecting one of the three industrial estates included, but was not limited to:

1. Access:

- Land tenure (current and historical)
- Suitably industrial zoned land
- Native title claims and their status
- Aboriginal heritage
- Year-round road access

2. Physical Environment:

- Environmental sensitivity
- Topography and geomorphology
- Existing infrastructure

3. Development Considerations:

- HES management factors
- Proximity and reliability of a suitable source of liquid ammonia
- Proximity and reliability of a natural gas supply
- Availability of services such as power and water
- Suitable for storage of technical ammonium nitrate
- Constructability and operability



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- 4. Commercial and Marketing Issues:
 - Proximity of a community with the appropriate support facilities
 - Availability of skilled labour
 - Transport access/egress
 - Proximity to market
 - Public opinion

Following site selection studies of the MAIE, BIE and MIE, it was decided that site D within King Bay/Hearson Cove Industrial Precinct, part of the BIE, was the only suitable identified site for the TANPF project.

All locations within the BIE were considered utilizing the evaluation criteria that is outlined above. Site D was selected for several reasons, of which the main reason is the close proximity to the Yara Pilbara Fertilisers Pty Ltd Ammonia Plant (YPFPL) operating about 100 m to the west of the proposed Site. The YPFPL plant will provide the required quantity of ammonia as feed stock for the production of TAN and will allow for a reliable supply to ensure uninterrupted operations at the TANPF. The proximity to the ammonia plant will also allow the existing infrastructure and utilities.

Other reasons behind choosing to develop the proposed TANPF in the BIE include:

- The Site is already zones for strategic industrial use under the City of Karratha Town Planning Scheme no.8 – The King Bay/Hearson Cove Industrial Precinct is government endorsed (at state and local levels) as identified in the Burrup Peninsula Land Use Plan and Management Strategy (O'Brian Planning Consultants, 1996).
- Site D provides for a safe distance between the bulk storage at the proposed TANPF and ammonia storage tanks located at the YPFPL plant. In addition this location provides a safe distance from the Burrup Road, the main causeway road, and associated infrastructure (e.g. the Dampier to Bunbury Natural Gas Pipeline as well as Hearson Cove).
- Native Title being extinguished over the Site State government negotiated in 2003 a Native Title Agreement with the Native Title claimant groups of the Burrup Peninsula.
- Being compatible with adjacent industries The TANPF Project is compatible with adjacent industries and will utilize power, water and ammonia from existing industries/facilities within the BIE.
- Proximity to the market Within close proximity to numerous major mining operations in the Pilbara.
- Flat topography This means that it is feasible to construct the TANPF with reduced civil works, therefore reducing impacts associated with construction of the TANPF.



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- The Site is located in proximity to the existing available port facilities, allowing easy delivery of key plant components.
- The Site is serviced by existing trafficable roads allowing for easy access to the Site, as well as reducing the environmental impact and additional costs associated with a more isolated site.
- The proponent has a track record and extensive knowledge of operating in the BIE since the ammonia plant construction/operation commenced 10 years ago.
- All necessary infrastructure and services are already available for the project.
- Suitably qualified workforce is locally available Karratha (13km to the southeast) and Dampier (6km to the southwest) has developed a qualified and experienced workforce as a result of large-scale mineral and petroleum resource developments in the region. The majority of the existing workforce is employed in the resources industry including Hamersley Iron, Dampier salt, the North West Shelf Gas Project, Woodside's Pluto Gas Project and YPFPL's ammonia plant.

4.2 Plant Layout Selection

The layout and location of the TANPF within Site D was determined based on, but not limited to, the following key factors:

- 1. Aboriginal heritage:
 - YPNPL are intent on disturbing no rock art and minimizing any potential impacts on heritage sites
- 2. Environmental impacts including flora and fauna, topography, supra-tidal flats, site inundation by flooding or storm surge:
 - YPNPL have a corporate and social responsibility to minimize the impacts on the environment where possible.

3. Geotechnical

- To help determine the suitability of the ground and footings for the location of a TANPF.
- 4. Optimizing internal logistics and safety
 - Risk and safety impacts are to be minimized and are the main priority of YPNPL.

5. Site access

 Site access from Village Road is important to ensure disturbance to important cultural heritage and recreational activities of Deep Gorge and Hearson Cove were minimized.



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6. Feedstock and infrastructure

 Location in close proximity to YPFPL plant which will be providing uninterrupted supplies of ammonia feedstock and utilities. Shared infrastructure will be provided by both YPFPL and the Water Corporation.

7. Impacts on surrounding land use and infrastructure

 Industry, cultural heritage sites and recreational areas are all key aspects of the Burrup Peninsula.

Based on the key factors mentioned above, the TANPF was located in the northern section of the Site. The selected location in the northwestern corner of the Site was determined based on numerous internal reviews and optimizes the positioning of the TANPF when taking into account the issued mentioned above. Key reasoning behind the decision is that the location:

- Provides the highest elevation above sea level on the Site to help avoid and mitigate any potential flooding or storm surge impacts from the low lying supra-tidal flats to the south
- 2. Is the furthest points from local from local sensitive receptors at Hearson Cove and Deep Gorge
- 3. Is in the optimal location from a safety standpoint, with risk contours all within the required ranges
- 4. Complies with WA government request that industries are positioned so as to enable optimal usage of all industrial estate land
- 5. Contains no identified threatened or priority flora, fauna habitats or threatened ecological communities
- 6. Is not within an area that will disturb any Aboriginal rock art
- 7. Is in an area of the Site, easily accessed from Village Road, avoiding access from the south via Hearson Cove Road.



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5 Conceptual Plan of Final Landform at Closure

In agreement with the Stakeholders as identified in the PER, the Site shall be returned to an industrial zoned area:

- All above ground building and structures shall be removed
- Underground piping and equipment shall be removed
- Foundations / underground civil works / roads shall be removed at least to a depth of 400 mm and backfilled
- All excavation shall be back filled

The Site will remain as a single terrace. Structures such as embankment and Channels on the periphery of the Site shall remain in place so that drainage is still possible.

The proposed landform at closure in illustrated in Attachment 3.

The Plant area will remain at an overall level of +5.5 and the northern and western channels will remain. Embankments will also remain.



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6 Project Approach to Decommissioning

As a natural part of the life cycle of a fixed asset, the asset will have to be decommissioned and disposed of in a satisfactory manner when it is no longer feasible to operate.

When a fixed asset comes to this stage, a project approach shall be used. The reason for this is the uniqueness of the activities, taking into account amongst others the production processes, feed stock materials, buildings, equipment, location, local conditions and legislation.

The project approach implies that three phases need to be considered; identification, planning and execution phase.

6.1 Closure Scenarios and Closure Management Strategies

There are three scenarios under which the plant may cease operation:

- Planned final closure
 Occurs when operation ceases due to economic or operational requirements
- Unplanned closure
 Occurs when operations suddenly cease due to financial constraints or if the
 operations are instructed to close due to non-conformances with regulatory
 requirements
- Temporary closure
 Care and maintenance is often required for operations that have temporarily ceased operations. In this situation a "caretaker" generally manages the site and the operation may recommence when more positive circumstances prevail

Closure management strategies have been developed for the three closure scenarios and described in detailed in section 6.2.6.

Both unplanned and temporary closure only last for a limited period of time before a decision is made to either recommence or to cease operation and enter planned final closure. It is appropriate for strategies to be developed for the environmental risk aspects of the closure scenarios.

For planned final closure it is possible to target physical aspects of the plant and site and develop closure strategies. Should the plant enter either unplanned or temporary closure it may ultimately go through planned final closure and all the strategies relating to physical aspects of the plant and site will then be addressed.

6.2 Identification Phase

This is the first, early phase when closing, dismantling, demolition and disposal of production facilities are considered. The purpose of this phase is to identify the scope of all activities on an overall level as a basis for a total estimate. The activities and their associated cost elements can be grouped as follows:



- Legal and contractual obligations towards redundant personnel (transfer, dismissal or early retirement or other social cost)
- Operation during the closing down period:
 - Supervision
 - Utilities
 - Consumables
- Non fulfilment of contractual obligations to partners, covering:
 - Feed stock
 - Energy import and export
 - Product and by-product delivery
 - Land lease and common infrastructure
- Preparations for dismantling and demolition of equipment, buildings, off-sites and utilities:
 - Emptying and cleaning
 - Disposal of waste products
 - Disposal of catalyst, lubrication agents, contaminated or toxic material
- Dismantling and demolishing (above ground level):
 - Dismantling sellable or reusable equipment and materials
 - Preservation, storing and transportation of sellable or reusable equipment and materials
 - Demolishing and sorting of materials
 - Recycling and/or disposal of materials
- Dismantling and demolishing (below ground level):
 - Foundations
 - Piles
 - Sewage systems
 - Cables and pipelines
 - Recycling and/or disposal of materials
- Preparation for further use of the site:
 - · Replacement of contaminated soil
 - Rerouting of common infrastructure (cables, pipe racks, underground installations)
 - Ground levelling and final preparation



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- Site cleaning
- Special HES issues:
 - Radiation/radioactivity
 - Possible less known contamination from previous activities at site
- Project management cost, including engineering and procurement activities during the dismantling and demolition phase.

Due to the sensitivity of such early phase work, only few persons will be involved in this phase. However, these shall be familiar with the local conditions and situation in order to cover as many aspects as possible. In this phase the accuracy of the estimate and schedule for activities will be on the lower side.

6.3 Planning Phase

When it has been decided that YPNPL (or part of it) shall be closed, dismantled and demolished, the activities can be split in two main groups:

- One dealing with personnel, the transition period from operation to standstill and contracts/agreements.
- The other group deals with the activities to prepare for and carry out dismantling, demolition, disposal and preparations for future use of the Site or area thereof.

This manual will deal with the latter.

6.3.1 Planning of dismantling, demolition, disposal and final preparation of the site

This is an important project phase because it will be the basis for a successful execution. It is to be compared to a pre-execution (main) study phase in a "normal" project. Competent personnel is essential, but especially when it comes to knowledge about the facility's history and the impact this may have on content of toxic, contaminated or polluting material in equipment, buildings and the ground.

The purpose of the study is to clarify all aspects relevant for estimating the cost and also to establish methods, philosophies and schedules for the execution phase. One aspect is also to optimise the cost by identifying the potential for income from sale of useful equipment and material, but also to reduce transportation, recycling and disposal cost e.g. by separation of material in contaminated and non-contaminated fractions.

6.3.2 Definition of the works

A clear description of the scope of work for the decommissioning and the objectives of it is an important basis also for this type of activities.



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6.3.3 Execution and procurement strategy

This has to be developed in the planning phase. It will be dependent on the project's scope and objective, but also on available personnel at YPNPL being closed.

An important factor is to survey the market for (demolishing and second hand equipment) contractors in order to choose the most suitable contract format and contractors for the actual scope. A prequalification is going to be made in order to short list contractors which can meet the requirements to safety and which are able to deal properly with the environmental aspects of the works.

6.3.4 Organisation

Planning and execution of demolition work can be organised in two principal ways:

- Performed by operating / maintenance personnel from existing plant operations/maintenance personnel working in the established plant organisation
- Performed by personnel wholly or partly dedicated to the organisation for the demolition work

Selection between the two alternatives would normally be based on:

- Local knowledge of the plant
- Extent of demolition work
- Complexity of demolition work
- Current work load for operations personnel

Generally, small demolition work would be executed within an existing plant organisation, whilst larger and more complex demolition work would be executed by establishing a dedicated organisation.

For execution of big and complex demolition work by a dedicated organisation some important issues must be taken into account when organising the project team:

- The team need in-depth knowledge of plant history, available documentation, knowledge about previous production processes, etc.
- Capability of systematic planning and evaluation of all related costs and risks according to the general requirement of Yara, i.e. capability of performing the works according to the same standards as for any other investment activities.
- Capability of utilising external contractors according to the same standards as for any other investment project, i.e. focus and competence on competitive bidding processes, contractor qualifications and track records (safety), contract quality.
- Availability of personnel with proper technical competence as well as continuity in the team during this phase.



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 Need for YPNPL to maintain and continuously update experience in demolition works.

The above requirements can be met by various project organisation models and utilisation of personnel.

An example is shown in Attachment 2.

6.3.5 Legislation and other requirements

An important basis for planning is to clarify national and local legislation and requirements.

For Yara's best practices for closing down, dismantling, demolition and disposal of production plants please refer to section 11 for minimum references that are going to be considered.

6.3.6 Care and Maintenance (C&M) plan

Note that any relevant environmental monitoring under Ministerial Statement shall be continued and in particular groundwater monitoring (condition 8).



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6.3.6.1 Unplanned Closure

Should the TANPF be suddenly shut down there will be little or no preparation and planning period and the following are considered to pose significant environmental risks:

Environmental Risk	Closure strategy	Timing	Responsible
Liquid ammonia	Empty all pipes and vessels	<1 week	Plant manager
Nitric acid	Consolidate all nitric acid in the main storage tanks	<1 week	Plant manager
Ammonium nitrate	Consolidate all ammonium nitrate solution in the main storage tank. If air conditioning of bulk storage is in operation TAN can be kept in storage, if not the bulk should be emptied and product sold to customers. Bagged product is sold or kept in storage. If possible off-spec product is bagged and stored away from final product.	<1 week or <1 month if full storage needs to be bagged	Plant manager
Dangerous goods	Drain all pipes and consolidate fluids into storage tanks which are bunded and stored safely in an area where damage by weather events (including cyclones) is not possible.	<1 week	Plant manager
	Keep all stored lubricants, fuels, additives, coatings and solvents according to standard operational practices and procedures. Ensure storage is in an area where damage by weather events (including cyclones) is not possible	Ongoing	Plant manager
Hydrocarbons	Ensure adequate supplies of diesel are stored on Site (in appropriately constructed and bunded vessels) for continued operation of power supply generators	Ongoing	Plant manager
	Do not remove lubricating oils from rotating equipment. Keep this equipment well maintained and free from leaks	Ongoing	Plant manager
Ponds	Keep contaminated storm water system operational and maintain evaporation ponds during closure period.	Ongoing	Plant manager
Sewage system	Keep operating to standard operating specifications	Ongoing	Plant manager



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6.3.6.2 Temporary closure

Should the TANPF be temporarily shut down and placed in care and maintenance the following environmental risks shall be considered:

Environmental	Closure strategy	Timing	Responsible
Risk	Closure strategy	Tilling	Responsible
Liquid ammonia	Empty all pipes and vessels and put under nitrogen atmosphere	<1 week	Plant manager
Nitric acid	Empty storage tanks and sell nitric acid	<2 week	Plant manager
Ammonium nitrate	Empty ammonium nitrate solution storage tank by selling solution to clients. Empty the TAN bulk and bag storage (deliver to customers). Off-spec product shall be bagged and removed from site for special treatment.	<1 month	Plant manager
Dangerous goods	All vessels, piping and equipment to be thoroughly cleaned, as far as practicable, free from dangerous goods and dispose of in an approved DGs disposal facility	<1 month	Plant manager
Hydrocarbons	Keep all stored lubricants, fuels, additives, coatings and solvents according to standard operational practices and procedures. Ensure storage is in an area where damage by weather events (including cyclones) is not possible	Ongoing	Plant manager
	Reduce warehouse stock levels so that only the minimum amount of lubricants, fuels additives, coatings and solvents required to keep equipment exercised, are kept on Site	Ongoing	Plant manager
	Ensure adequate supplies of diesel are stored on Site (in appropriately constructed and bunded vessels) for continued operation of power supply generators	Ongoing	Plant manager
	Do not remove lubricating oils from rotating equipment. Keep this equipment well maintained and free from leaks	Ongoing	Plant manager
Ponds	Keep contaminated storm water system operational and maintain evaporation ponds during closure period.	Ongoing	Plant manager
Sewage system	Keep operating to standard operating specifications	Ongoing	Plant manager



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6.3.6.3 Planned Final Closure

After the decision has been taken to close the Plant an evaluation of possible relocation or reuse of equipment, materials and systems is done. A status report is made and based on this the decision for salvage is taken. The next step is then to develop a detailed report for adequate preservation to maintain the physical integrity of equipment. After proper cleaning, preservation is done according to vendor's recommendation and/or YPNPL experience from previous projects and all preservation activities are recorded.

Following the decision to decommission the Plant, there are certain environmental obligations to be met. An environmental audit of the Site is carried out to identify environmental risks associated with the decommissioning. A care and maintenance plan for the plant and equipment on Site as described above as well as for the management of environmental aspects of the Site is developed to follow-up and meet environmental obligations. The risks identified in the audit are managed in the C&M plan which will:

- Identify and prioritize system required during C&M.
- Assess the facility environmental monitoring system requirements.
- Rationalize examinations, inspection, maintenance and testing activities.
- Consider activities to minimize waste/ pollution during this period
- Assess resources required during this period
- · Help identify project risks.

The C&M plan shall demonstrate that the environmental obligations will be met during the decommissioning period. An ongoing requirement to continue monitoring the environment to ensure that the closure was successful and that any continuing environmental impacts are within acceptable limits. There may also be a requirement to conduct remedial work should closure targets not be reached within an acceptable timeframe. Details about activities to be performed as part of the C&M plan and mitigating measures are given in the table below and in attachment 1.



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Monitoring	Closure strategy	Timing	Responsible
Erosion	TBA	TBA	TBA
Dust	TBA	TBA	TBA
Water quality	TBA	TBA	TBA
Vegetation and flora	ТВА	TBA	TBA
Weeds	ТВА	TBA	TBA
Fauna	ТВА	TBA	TBA
Photographic record	ТВА	TBA	TBA
Fire management	ТВА	TBA	TBA
Rehabilitation maintenance	TBA	ТВА	ТВА
Remedial action	ТВА	TBA	TBA
Reporting	ТВА	TBA	TBA

Note: TBA – to be determined during final decommissioning plan

The requirement for this ongoing management and monitoring ceases once the Site lease is relinquished.

6.3.7 Dismantling

Conventional plant and buildings will be removed and demolished using standard construction industry methods. The interior of buildings will be removed first and decontaminated if necessary prior to demolition of the buildings themselves. Large or heavy equipment are going to be cut or split into components or sub-component parts prior to their removal. It is expected that after removal is complete, demolition will be carried out using conventional methods. All buildings will be demolished in their entirety, the structures including any cabling removed to ground level and the voids backfilled. Once removed, the footprints of buildings will be backfilled. Any remaining below ground building structures (e.g. basements will be punctured to prevent 'ponding' (accumulation of water).

Equipment and piping will be dismantled and removed and the metal recycled.

All suitable demolition material from buildings will be retained on-site to be used for the backfilling of deep voids.

It will also be considered involving a professional second hand dealer and demolition contractor in this process.



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Potential solid waste materials that will be created during decommissioning of the YPNPL Plant are (but not limited to):

- Insulation.
- Cabling (copper will be recovered).
- Piping (to be recycled).
- Equipment (to be recycled).
- Concrete.
- Asphalt.
- Rubber (belt conveyors).
- Gaskets.
- Catalysts (to be recovered and recycled)
- Buildings structures
- Prill tower skirts (fabric).
- Glass from windows.

Some instruments will contain radioactive substances and these will be handled in accordance with relevant legislation and YPNPL's waste management plan previously defined.

Non-hazardous waste materials that need to be handled during decommissioning of the YPNPL Plant are (but not limited to):

- Oil (from compressor and other equipment with lubrication).
- Sludge (from cleaning from ponds).

6.3.8 Demolition and disposal of material

The following needs to be considered in connection with demolition of civil and structural material:

- Definition of the demolition scope and disposal works.
- Mapping and analysis of all chemical, toxic and polluting materials above and below ground, and the magnitude of such. It will be beneficial in this respect to:
 - Know the history of the facility throughout its lifetime
- How to handle the above in view of:
 - Legislation
 - Yara's directives and procedures
- A plan for approval of handling and disposal of chemical, toxic and polluting material.



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- Documentation for structures, foundations, piles, pipe racks, conduits for cables, sewage and other underground installations.
- Possible methods for demolition.
- How to dispose of the waste material:
 - Unsorted.
 - Sorted as for instance as:
 - Clean concrete which can be crushed and recycled (backfill), steel and other metal scrap which can be recycled.
 - II. Reusable material (doors, windows, roof tiles etc.).
 - III. Polluted material for disposal in approved storage.
 - IV. Polluted and toxic material for destruction.
- A plan for transport of waste material.
- Stability of concrete and steel structures during demolition:
 - Need for temporary support.
 - o Permanent support if only parts of structures shall be removed.
- · Replacement of contaminated soil.
- Termination and/or rerouting of connections to outside battery limit installations.
- Safety and health:
 - Personal protection, also against toxic material.
 - Fencing and entrance control to the site.
- A schedule for these activities according to the execution of the works
- Documentation of the Site's status when the works have been completed.

6.3.9 Decontamination and management of noxious materials following closure

Decommissioning activities will also involve removal of contaminants (decontamination) from equipment and piping as well as liquid waste storages and buildings. The objective of decontamination activities is to

- Reduce/eliminate the environmental exposure
- Ensure safe dismantling of the facility
- Salvage the facility, equipment and materials as far as possible
- Restore the Site for future use (which may be different)



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A structured decontamination process is carried out in multiple stages, each stage resulting in equipment progressively reaching a clean status. The different stages are:

- 1. Primary decontamination This is the initial cleaning of equipment and the main purpose is to reduce occupational exposure.
- 2. Dismantling The equipment is dismantled and checked for cleanliness. The equipment can now be inspected and evaluated for possible future use.
- 3. Secondary decontamination In some cases dismantled equipment needs further cleaning for safety reasons or depending on future use.
- 4. Disposal of equipment The equipment is ready for disposal; it can be relocated, sold or scrapped.
- 5. Disposal of waste The decontamination process generates liquid and/or solid waste that needs to be disposed of in a systematic manner and according to regulations. The waste disposal process often requires the involvement of specialized companies.

When selecting the decontamination process requirements like safety, efficiency, cost-effectiveness, waste minimization and feasibility must be considered.

The TANPF produces ammonium nitrate as a raw material for mining explosives. Ammonium nitrate is basically a fertilizer made from ammonia and nitric acid and is classified as an oxidizer. According to the Dangerous Goods (DG) license the TANPF has the following DG inventory:

Anhydrous ammonia - Nitric acid - Ammonium nitrate - Diesel - Nitrogen - Hydrogen - Nitrogen oxides - Nitrous oxide - Oxygen scavenger (Elim-Ox) - Trisodium phosphate - Ammonia oxidation catalyst - DeNOx catalyst - DeN₂O catalyst - Hydraulic lube oil - Hydrochloric acid - Caustic soda - Sodium hypochlorite - Sodium metabisulphite - Corrosion inhibitor (Nalco Trac-100) - Sulphuric acid - Methanol - Karl Fisher reagent.

Regarding DG inventory – all vessels, piping and equipment shall be thoroughly cleaned as far as practicable, to be free from DG material and disposed of in an approved DGs disposal facility.

In addition to these DG chemicals the operation is also utilizing a coating agent (oil/wax based) and an organic internal additive (sulphonate) as well as an inorganic internal additive (aqueous solution of diammonium phosphate, ammonium sulphate and boric acid) for product quality improvement.

Raw material for the production of TAN is ammonia, nitric acid (intermediate) and coating agent and internal additive. Most of the above chemicals are stored on site in limited amounts (IBC) and are used for water treatment, corrosion inhibition and neutralization of effluents to storage ponds. The gases listed above are generally stored in cylinders and mainly used for calibration of analyzers.



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If possible the nitric acid in the storage tanks will be consumed before stopping the operation as will be the case for AN solution. AN solution in the storage tank can also be delivered to customers (for emulsion production). Ammonia handling equipment and pipelines will also be emptied and then flushed to ensure there is no ammonia left.

After final closure of the operation all unused chemicals will be returned to the various vendors. Opened bottles/drums/IBC's etc. that cannot be returned to vendors will be treated as special waste and disposed of according to regulations.

After nitric acid equipment, piping and tanks have been emptied a specialized company will be engaged to recover platinum catalyst from heat exchangers and vessels. The platinum catalyst deposit represents a significant amount of money and destructive as well as non-destructive techniques will be applied depending on possible later use or scrapping of the equipment. The used DeNOx (Vanadium pentoxide) as well as DeN_2O catalysts do not represent any residual value and will be removed from DeNOx reactor and ammonia oxidation reactor and disposed of according to regulations.

AN equipment, piping and tanks will, after emptying, be flushed to remove any deposits. This is to ensure safe dismantling in case hot work is applied as well as to ensure no AN contaminated items sold to any third party. The liquid used for flushing will be collected in the contaminated water ponds (for later removal).

The diesel storage tanks as well as the lube oil skid for the compressor train will be emptied by a certified company and any fluid reused or disposed of according to regulations.

There are two evaporation ponds for contaminated water on Site. After these ponds have been emptied (by evaporation and pumping), any sludge and sediments (which will mainly be contaminated with nitrate) will be collected and disposed of according to regulations. These ponds are designed with double bottom and leak protection and the potential for contaminated soil below the ponds is minimal.

6.3.10 Schedule

Experience shows that it is important to allow for enough time to plan, clean, dismantle and prepare the site before the execution of final demolition by contractor(s).

For schedule purposes it is important to note that experience shows that it often takes longer than one would expect to dispose of all sellable material and equipment.

A master schedule shall be based upon schedules for the different main activities, and milestones that are going to be given. This is useful for the interfaces with other parts of the Site or Plant.



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6.3.11 Risks

This type of activities need careful evaluation of the risks and how to deal with each of the risk factors related to:

- environment/pollution
- safety and health
- stability of structures during demolition
- schedule
- contracts
- cost
- income from sale of equipment

Risk reduction and risk avoidance must be evaluated.



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6.4 Execution Phase

When budget and schedule have been approved for the dismantling and demolition works, a dedicated project team needs to be formed to execute and control the activities.

The team need to have competence to cover the following:

- Project management and project control
- Procurement (and sale for sellable equipment and material)
- Operational issues (documentation, history, temporary arrangements)
- Civil and structural
- HSE issues

The main tasks for the project team will be to execute the activities according to the plans, schedule and budget which have been prepared in the planning phase, or even improve compared to this.

An important issue in this phase is to control the risks. Risks in such activities are mainly related to:

- HSE
- Stability of structures
- Cost

Analysis, response to and control of these items are essential.

For HSE, specific plans and applicable procedures have to be established. Cooperation and communication with involved contractors is important in order to get an understanding of the issue and the response YPNPL has taken to reduce the risks. Follow up closely and implement corrective actions without hesitation.

During demolishing, stability of remaining structures has to be continuously assessed. Control of the risk has to be done by involving competent personnel.

The Site will be brought back to a level of an industrial zoned area. Specific control measures will be used to guide the management of water resources, landforms, revegetation and infrastructure and support facilities during decommissioning. If a contamination issue is identified before or during the closure, specific closure actions will be included in the plan. In addition, equipment, buildings and other facilities will be removed. Surface water ponds will be emptied and cleaned (with any contaminated waste to be appropriately removed by an approved waste contractor). Interconnections (piping) with YPFPL will be removed.

Decommissioning would entail similar noise sources to those expected during the construction of the plant, i.e. cranes, trucks for removal of material, and earthmoving equipment. Typical noise impacts would be as for the construction phase. Additional likely noise sources would include rock-breaker equipment to break up concrete foundations. No significant impact is expected at any sensitive receptor.



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Emissions associated with decommissioning include equipment removal and site rehabilitation. Emissions will be controlled through the implementation of an environmental management plan. As such, emissions are anticipated to be small in magnitude.

Potential waste materials are going to be generated during decommissioning of the YPNPL. This will likely include grey water, waste oils and other and non-specified liquid wastes.

The construction and operation of the YPNPL is not expected to generate large volumes of solid waste. During decommissioning activities there will be significant quantities of solid waste.

All hazardous wastes will be managed by contractors who hold the appropriate Carrier's License, which will be checked for current validity before a contract is placed and implemented. The specific contractor used will depend on the type of waste requiring disposal. All records are auditable and will be checked regularly.

In general, the management of waste at YPNPL will aim to minimize the need to use landfill by reducing waste volumes wherever possible by following the hierarchy of waste management, i.e. reduce, reuse, and recycle. YPNPL follows the Environmental Protection Act 1986 principles for all waste arising and where waste is transferred, it is accompanied by a transfer note and a full written description of the wastes.

Scrap metal (e.g. steel and copper) and glass will be sent to an appropriate contractor for recycling. If it is not practicable to reuse or recycle any scrap materials they will be disposed of via approved routes.

Effluent will be disposed in accordance with YPNPL's discharge consents under the Water Resources Act. Discharges under these consents include cooling water, rain water and fully treated effluent from the site sewage treatment plant.



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7 Mitigation Measures

There are no specific changes to the mitigation measures that were submitted in the Environmental Statement and reported in the Construction Environmental Management Plan.

Mitigation measures already identified for the care and maintenance preparations & activities can be considered in Attachment 1.



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8 Stakeholders Engagement

Whilst decommissioning represents a new phase in the lifecycle of the site, YPNPL remains committed to engaging with stakeholders at all phases in the process. Regular meetings have been and will continue to be held with the Site Stakeholder Group as well as environmental agency, local authorities, etc. that will also be kept informed of activities at the Site. Organizations will be also involved in the public consultation process for the Environmental Statement. As well as regular meetings with stakeholders, where appropriate, other interested parties will also be kept informed of specific decommissioning activities.



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9 Documentation

When the Site has been cleared, final documentation has to be prepared.

The main reason is to document towards Australian Authorities and future users of the Site the status of the cleared Site and how the toxic and contaminated materials have been disposed of and who presently has the responsibility for it.

Such documentation will consist of:

- Demolition Contract Evaluation Report
- Demolition Contract
- Lists/receipts from receiver of all demolition materials
- Final (as-built) layout drawings indicating remaining structures in the ground
- Final (as-built) layout drawings indicating any remaining contamination in the ground
- Final accounts, reports etc.



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10 References

- AS 2601 Demolition of Structures
- PER Public Environmental Review, January 2010.
- Works Approval granted for YPNPL
- Environmental Protection Act 1986
- Environmental Protection (Noise) Regulations 1997
- Environmental Protection and Biodiversity Conservation Act 1986
- Waterways Conservation Act 1976
- Soil and Land Conservation Act 1945
- Environmental Protection (Controlled Waste) Regulations 2004
- Wildlife Conservation Act 1950
- Agricultural and Related Resources Protection Act 1976
- Public Health Act 2005
- Fisheries Act 1994
- Aboriginal Heritage Act 1972
- Work Health and Safety Act 1984
- Ministerial Statement 870
- Burrup Peninsula Land Use Plan and Management Strategy, O'Brien Planning Consultants (1996)
- Closing down, dismantling, demolition and disposal of production plants Yara Best Practices



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11 Attachments

Attachment 1: Mitigation measures.

Attachment 2: Potential organization chart for decommissioning activities.

Attachment 3: Landform at closure



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11.1 Attachment 1: Mitigation Measures

Environmental Impact	Mitigation measure	Action	Comments
Air quality & dust			
Dust Emissions (from on-site) ☐ Increase in site dust emissions due to construction, demolition and waste / materials handling operations, etc. which could impact on residential and industrial receptors.	The following best practice measures will be implemented as appropriate: On-site roads to be regularly cleaned of mud/dust deposits, including the use of re-circulating water wheel washers and road cleaners as appropriate; and sheeting of vehicles carrying potentially dusty loads; Minimization of unnecessary material and waste handling as far as practicable; Use of water sprays for external demolition activities as appropriate; Use of water sprays during outside in-fill operations; Avoidance of vehicular use of unsurfaced (soft) ground where possible and limits on vehicle speeds on such surfaces where it cannot be avoided; Use of water sprays during particularly windy or dry conditions; Use of water sprays to maintain	Routine control will be enforced through existing site procedures. Any additional requirements will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans. The effectiveness of dust mitigation will be monitored. There are a variety of means of measuring dust deposition; directional monitoring will be used if possible. It is appropriate to initiate monitoring before works commence in order to determine the background contribution to which the site need to add. Arrangements will be discussed and agreed in advance with the local authority as necessary.	These mitigation measures primarily concern impacts on humans. However, their implementation will also offset possible impacts of dust deposition on sensitive habitats immediately adjacent to the site.



Environmental Impact	Mitigation measure	Action	Comments
Dust Emissions (road side from vehicles) Increase in dust at residential properties along traffic routes due to soiled vehicles or vehicles carrying dust loads.	damp surfaces during dry and windy weather (e.g. soil stockpiles, demolition rubble); or sheeting or seeding of surfaces of stockpiles of soil or other dusty materials; Sheeting or seeding of surfaces and/or use of wind fences; and Covering of containers and/or use of wind fences. As appropriate: Sheeting of lorries carrying dusty loads; and Provision of wheel and body washing where appropriate for, as a minimum, heavy goods vehicle leaving the site.	□ Routine control will be enforced through existing site procedures. Any additional requirements will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans. □ These mitigation measures will be considered as part of the development of the Transport Management Plan.	These mitigation measures primarily concern impacts on humans and aim to reduce the potential for complaints associated with fugitive dust.
Archaeology and Cultural Heritage			
No significant adverse environmental impacts identified arising from decommissioning activities			
Geology, Hydrogeology and Soils			
Inadvertent or uncontrolled disturbance or spreading of existing	☐ Desk studies and site investigation, if necessary, before	These mitigation measures will be considered as part of the	☐ Wheel washing addresses dust, ecology, surface waters and



Environmental Impact	Mitigation measure	Action	Comments
contaminated soils, including movement by windblown dust, entrainment in runoff, attachment to vehicles and/or inappropriate soil handling operations.	works commence in order to determine the presence or absence of contamination, so that appropriate working practices can be adopted from the outset. Controlled access to or from known or potentially contaminated working areas as appropriate. Use of re-circulating wheel washers on HGVs leaving site as appropriate. Compliance with Pollution Prevention. Dust control measures. Measures under 'Inadvertent contamination of soils and/or groundwater arising from temporary storage of contaminated soils, wastes or materials.'	environmental, health and safety justification produced as part of individual decommissioning working plans.	highways impacts also.
☐ Mobilization of existing contamination by direct rainwater infiltration due to changes in ground cover or the creation of open excavations.	 □ Investigation of contaminated soils prior to the removal of hard-standings or buildings/foundations with prior remediation if necessary. □ Excavation dewatering, if necessary, with monitoring and appropriate management/disposal of any waters arising. 	☐ These mitigation measures will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans.	Although the impact has been assessed as 'not significant' these mitigation measures are proposed because they constitute good practice.



Environmental Impact	Mitigation measure	Action	Comments
	☐ Tenting of exposed areas or excavations, if necessary.		
☐ Mobilization of existing contamination due to changes in water table levels and consequential changes to the groundwater flow regime (e.g. due to changes in ground covering and rainwater infiltration).	 □ Desk studies and site investigation, if necessary, to determine groundwater levels, flows and characterize the full extent of any contamination (both in the saturated and unsaturated zones). □ Dewatering of affected areas, if necessary, to avoid mobilization of contaminants. Remediation shall be required if contamination is significant. □ Better constrain current baseline conditions for groundwater quality to provide suitable comparison to any future changes. 	These mitigation measures will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans.	
Creation of new contaminant migration pathways.	Production of risk assessments, method statements and contingency plans. Compliance with relevant guidelines. Production of risk assessments, method statements and contingency plans. Use of made ground that does not exceed average permeability of in-	Routine control will be enforced through existing site procedures. Any additional requirements will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans.	



Environmental Impact	Mitigation measure	Action	Comments
	situ material to cause groundwater flow issues. □ Placement of flow barriers and monitoring of level and flow pattern impacts, as required.		
☐ Inadvertent contamination of soils and/or groundwater arising from temporary storage of contaminated soils, wastes or materials.	□ Sampling and testing of soils, wastes and materials prior to storage as appropriate. □ Segregation as appropriate. □ Use of containment (e.g. membranes) to eliminate crosscontamination, as appropriate. □ Management of rainwater run-off from storage areas for contaminated or potentially contaminated soil, wastes and materials	Routine control will be enforced through existing site procedures. Any additional requirements will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans.	
☐ Inadvertent effects on groundwater flow and quality due to infill of deep basements and the breaching of basement structures to prevent ponding.	□ Improved characterization of groundwater levels and flow direction prior to the start of decommissioning. □ Sampling and testing of potentially contaminated soils, wastes and materials prior to use as appropriate. □ Puncture all remaining services and foundations to reduce the likelihood of ponding.	☐ These mitigation measures will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans.	
Changes in soil and groundwater	☐ Bunding of chemical and fuel	☐ Routine control will be enforced	



Environmental Impact	Mitigation measure	Action	Comments
quality due to spills or leaks of substances.	storage according to Pollution Prevention Guidance. Appropriate protocols for chemicals and fuel handling, with trained staff only to operate facilities. Emergency spill response plan, including spill kits kept on site and trained staff available.	through existing site procedures. Any additional requirements will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning plans.	
Landscape & Visual			
□ Light spill	□ Any new lighting to be installed on site will be directional lighting.	☐ This mitigation will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans.	☐ The impact associated with any additional lighting on site has been assessed as 'not significant'. However, this mitigation measure is proposed as a measure of best practice, in order to contain the extent of illumination to those areas which are intended to be lit only.
□ Flora	Careful sitting and use of protective fencing where necessary.	☐ This mitigation will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans.	☐ The impact associated with the construction of car parking or working areas has been assessed as 'not significant'. However, this mitigation measure is proposed as a measure of best practice in order to protect existing flora. Any damaged flora to be re-planted at the end of Care and Maintenance Preparations.



Environmental Impact	Mitigation measure	Action	Comments
Noise & Vibration			
General changes to noise directly from the site and associated changes in traffic.	As appropriate: Use of equipment fitted with effective silencers where practicable; Appointment of a site contact to whom complaints/queries about construction/demolition activity can be directed - any complaints to be investigated and action taken where appropriate; Local neighbours informed of exceptional activities; No potentially significant external working outside of normal working hours without prior agreement with the local authority; and All construction activity to be undertaken in accordance with good practice for Noise and Vibration Control on Construction and Open Sites. This includes minimizing unnecessary reviving of engines, turning off machines when not required and routine maintenance of equipment.	☐ These mitigation measures will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans.	particularly noisy activities and
Socio economic			



Environmental Impact	Mitigation measure	Action	Comments
Direct Employment ☐ Long-term loss of jobs	☐ YPNPL will encourage its contractors to make use of local labour, equipment & services as far as practicable. ☐ YPNPL will attempt to re-deploy affected staff & support staff in retraining/re-skilling for	□ Contractors will be provided with a list of local companies known to be capable of involvement as subcontractors in decommissioning works.	
Surface water	decommissioning roles.		
☐ The potential release of turbid and/or contaminated water from decommissioning activities on the site.	Where necessary: Wetting down (e.g. excavation or construction/demolition areas) to prevent windblown spread of dust into locations where subsequent washing into surface water drains would be likely, and appropriate management of wastewater arising. On-site roads to be regularly kept free from mud/dust deposits, including the use of re-circulating water wheel washers and road cleaners as appropriate. Sheeting or seeding of any long term stockpiles of soil to reduce wash-off of suspended solids. Careful design and siting of spoil	Where necessary: Wetting down (e.g. excavation or construction/demolition areas) to prevent windblown spread of dust into locations where subsequent washing into surface water drains would be likely, and appropriate management of wastewater arising. On-site roads to be regularly kept free from mud/dust deposits, including the use of re-circulating water wheel washers and road cleaners as appropriate. Sheeting or seeding of any long term stockpiles of soil to reduce wash-off of suspended solids. Careful design and siting of spoil	□ Wheel washing addresses dust, ecology, geology etc. and road impacts also.



Environmental Impact	Mitigation measure	Action	Comments
Potential minor spills and leaks of substances.	run-off, including use of low walls around such mounds if appropriate. See also measures under geology, hydrogeology and soils in relation to turbid and/or contaminated water entering the storm drainage system. Careful siting of concrete plant and fuel/chemical handling facilities according to Pollution Prevention standards. Bunding of chemical and fuel storage according to best practices. Oil separation facilities on the surface water drainage system at appropriate locations. Appropriate protocols for chemicals and fuel handling, with trained staff only to operate facilities. Emergency/spill response plan, including spill kits kept on site and trained staff available at all times.	run-off, including use of low walls around such mounds if appropriate. See also measures under geology, hydrogeology and soils in relation to turbid and/or contaminated water entering the storm drainage system. Routine control will be enforced through existing site procedures. Any additional requirements will be considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans.	
Traffic & Transport			
☐ Impacts on safety on roads.	Promote collective transport & car sharing. Proper vehicle maintenance.	Development of a specific Transport Management Plan to encourage collective transport or car sharing.	
Environmental Impacts.	Promote collective transport & car	☐ These mitigation measures will be	☐ Wheel washing addresses dust,



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Environmental Impact	Mitigation measure	Action	Comments
	sharing. Proper vehicle maintenance. Wheel washing as necessary.	considered as part of the environmental, health and safety justification produced as part of individual decommissioning working plans. The mitigation measures will be	ecology, geology, etc. and surface waters impacts also can be
		considered as part of the development of the Transport Management Plan.	

Environmental impact

Additional mitigation measures (or any changes required to those measures listed above) for activities during final site clearance will be based on the technologies available at that time, decommissioning experience and any future environmental assessment deemed necessary. In particular, repeat ecology and traffic checking, the protected aboriginal heritage, flora, fauna and weed species, prior to final site clearance are proposed followed by a reconsideration of the appropriate mitigation measures.



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11.2 Attachment 2: Potential Organisational Chart for Decommissioning Activities

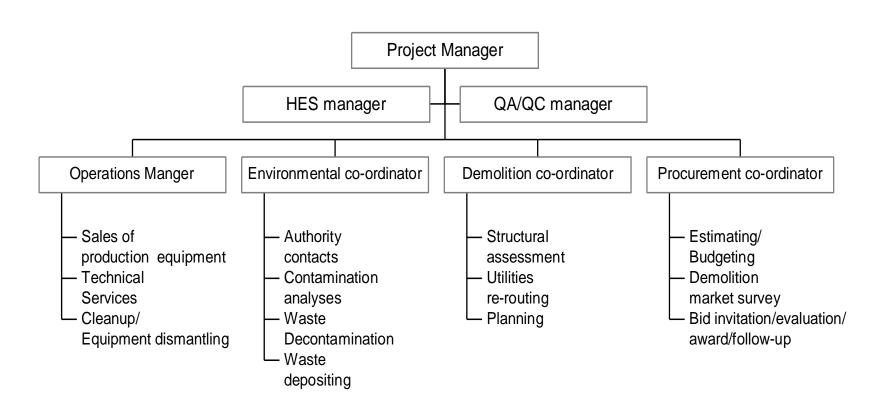
Note: This attachment must be read in connection with item 8.1.3 in the manual.

The below organisation chart is an example designed to cover the following requirements:

- Need for in-depth knowledge in the project team of plant history, available documentation, knowledge about previous production processes etc.
- Capability of systematic planning and evaluation of all related costs and risks according to the general requirement of Yara, i.e. capability of performing the activities according to the same standards as for any other investment projects.
- Capability of utilising external contractors according to the same standards as for any other investment project i.e. focus and competence on competitive bidding processes, contractor qualifications and track records (safety), contract quality.
- Availability of personnel with proper technical competence as well as continuity in the project team during the works.
- Need for Yara to maintain and continuously update experience in demolition projects

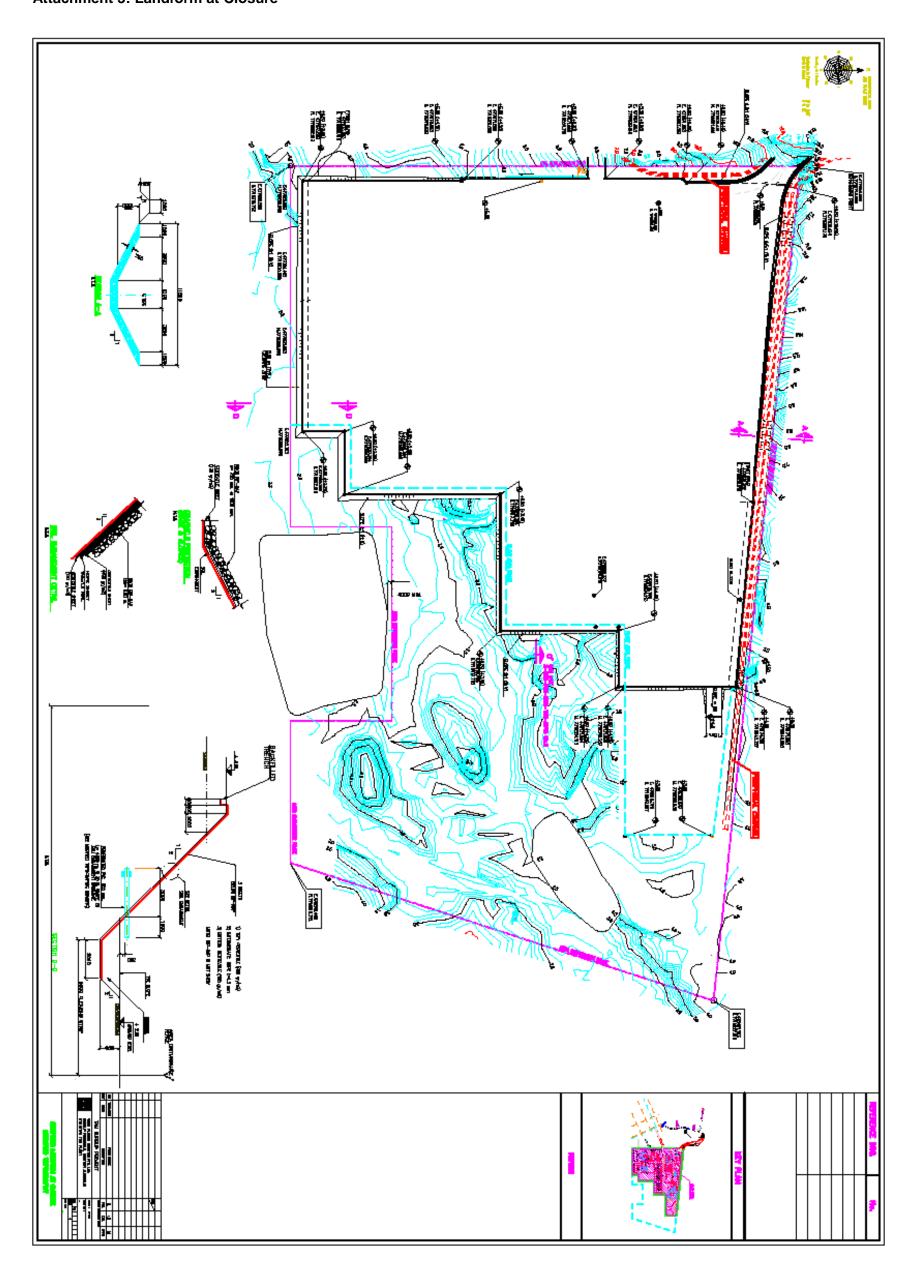
The organisation chart would be applicable for major demolition projects, where the demolition waste includes contaminated fractions and where the operations organisation is being dissolved as part of the restructuring/closing of current operations. The model is based on the condition that certain key personnel from operations be retained and not given new tasks until the demolition project has been completed.







11.3 Attachment 3: Landform at Closure





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Attachment 10B

Letter from OEPA, dated 23 October 2015, approving the DEMP Revision 6.

Mr Rajan Sinha Technical Services & Business Development Manager Yara Pilbara Nitrates Pty Ltd Level 5, 182 St Georges Terrace PERTH WA 6000 Our Ref: 2015-0001138042; AC05-2014-0074

Enquiries: John Güld, 6145 0853 Email: john.guld@epa.wa.gov.au

Dear Mr Sinha

TECHNICAL AMMONIUM NITRATE PRODUCTION FACILITY - MINISTERIAL STATEMENT 870 - DECOMMISSIONING ENVIRONMENTAL MANAGEMENT PLAN

Thank you for your letter of 11 May 2015 submitting the Decommissioning Environmental Management Plan (Doc Ref: 500-200-PLN-YPN-0001, Rev 06) to the Office of the Environmental Protection Authority (OEPA) for review.

I note the Decommissioning Environmental Management Plan has been prepared to satisfy condition 10-1 of Ministerial Statement 870

I am satisfied with the preparation of the Decommissioning Environmental Management Plan (Doc Ref: 500-200-PLN-YPN-0001, Rev 06), and consider the requirements of condition 10-1 of Ministerial Statement 870 have been met.

Please note any changes to the management actions or targets of the Decommissioning Environmental Management Plan (Doc Ref: 500-200-PLN-YPN-0001, Rev 06) would require the approval of the OEPA.

Yours sincerely

Mr Kim Taylor

GENERAL MANAGER

23 October 2015

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Attachment 11

Nitric Acid Stack CEMS

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-08 00:00:00	0.0000	5.0098	0.0000	0.2767	0.0000	0.0000	0.0000
2016-07-08 00:15:00	0.0000	5.0098	0.0000	0.2542	0.0000	0.0000	0.0000
2016-07-08 00:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 00:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 01:00:00	0.1197	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 01:15:00	0.0200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 01:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 01:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 02:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 02:30:00	0.0000	5.0098	0.0000	0.3398	0.0000	0.0000	0.0000
2016-07-08 02:45:00	0.0000	5.0098	0.0000	0.3094	0.0000	0.0000	0.0000
2016-07-08 03:00:00	0.0000	5.0098	0.0000	0.3515	0.0000	0.0000	0.0000
2016-07-08 03:15:00	0.0000	5.0098	0.0000 0.0000	0.2621	0.0000 0.0000	0.0000 0.0000	0.0000
2016-07-08 03:30:00	0.0000	5.0098		0.2527 0.2527			
2016-07-08 03:45:00	0.0000	5.0098	0.0000		0.0000	0.0000 0.0000	0.0000
2016-07-08 04:00:00 2016-07-08 04:15:00	0.0000	5.0098	0.0000 0.0000	0.2527 0.2527	0.0000 0.0000	0.0000	0.0000
	0.0000	5.0098 5.0098	0.0000	0.2527	0.0000	0.0000	0.0000
2016-07-08 04:30:00	0.0000						
2016-07-08 04:45:00 2016-07-08 05:00:00	0.0000 0.0000	5.0098 5.0098	0.0000 0.0000	0.2527 0.2527	0.0000 0.0000	0.0000 0.0000	0.0000
2016-07-08 05:00:00	0.0000	5.0098	0.0000	0.2527	0.0000	0.0000	0.0000
2016-07-08 05:15:00	0.0000	5.0098	0.0000	0.2527	0.0000	0.0000	0.0000
2016-07-08 05:30:00	0.0000	5.0098	0.0000	0.2527	0.0000	0.0000	0.0000
2016-07-08 03:43:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 06:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 06:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 06:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 07:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 07:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 07:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 07:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 08:00:00	0.0000	0.0000	0.0000	0.1745	0.0000	0.0000	0.0000
2016-07-08 08:15:00	0.0000	5.0098	0.0000	0.3462	0.0000	0.0000	0.0000
2016-07-08 08:30:00	0.0000	5.0098	0.0000	0.2688	0.0000	0.0000	0.0000
2016-07-08 08:45:00	0.0000	5.0098	0.0000	0.3212	0.0000	0.0000	0.0000
2016-07-08 09:00:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 09:15:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 09:30:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 09:45:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 10:00:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 10:15:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 10:30:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 10:45:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 11:00:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 11:15:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 11:30:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 11:45:00	0.0000	5.0098	0.0000	0.2568	0.0000	0.0000	0.0000
2016-07-08 12:00:00	0.0000	5.0098	0.0000	0.2098	0.0000	0.0000	0.0000
2016-07-08 12:15:00	0.0000	5.0098	0.0000	0.2554	0.0000	0.0000	0.0000
2016-07-08 12:30:00	0.0000	5.0098	0.0000	0.2575	0.0000	0.0000	0.0000
2016-07-08 12:45:00	0.0000	5.0098	0.0000	0.2575	0.0000	0.0000	0.0000
2016-07-08 13:00:00	0.0000	5.0098	0.0000	0.2575	0.0000	0.0000	0.0000
2016-07-08 13:15:00	0.0000	5.0098	0.0000	0.2575	0.0000	0.0000	0.0000
2016-07-08 13:30:00	0.0000	5.0098	0.0000	0.2575	0.0000	0.0000	0.0000
2016-07-08 13:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 14:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 14:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 14:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 14:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 15:00:00	0.0425	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 15:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 15:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 15:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 16:00:00	0.0000	0.0000	0.0000	0.1122	0.0000	0.0000	0.0000
2016-07-08 16:15:00	0.0000	5.0098	0.0000	0.4037	0.0000	0.0000	0.0000
2016-07-08 16:30:00	0.0000	5.0098	0.0000	0.2957	0.0000	0.0000	0.0000
2016-07-08 16:45:00	0.0000	5.0098	0.0000	0.3265	0.0000	0.0000	0.0000
2016-07-08 17:00:00	0.0000	5.0098	0.0000	0.1744	0.0000	0.0000	0.0000
2016-07-08 17:15:00	0.0000	5.0098	0.0000	0.2836	0.0000	0.0000	0.0000
2016-07-08 17:30:00	0.0193	5.0098	0.0001	0.2836	0.0000	0.0000	0.0000
2016-07-08 17:45:00	0.0000	5.0098	0.0000	0.2836	0.0000	0.0000	0.0000
•	0.0400	F 0000	0.0011	0.2836	0.0001	0.0000	0.0000
2016-07-08 18:00:00	0.2128	5.0098	0.0011	0.2030	0.0001	0.0000	0.0000
2016-07-08 18:00:00 2016-07-08 18:15:00	0.2128 0.1847	5.0098	0.0009	0.2836	0.0001	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-08 18:45:00	0.1222	5.0098	0.0006	0.2836	0.0000	0.0000	0.0000
2016-07-08 19:00:00	0.0195	5.0098	0.0001	0.2836	0.0000	0.0000	0.0000
2016-07-08 19:15:00	0.0209	5.0098	0.0001	0.2836	0.0000	0.0000	0.0000
2016-07-08 19:30:00	0.0969	5.0098	0.0005	0.2836	0.0000	0.0000	0.0000
2016-07-08 19:45:00	0.0000	5.0098	0.0000	0.2836	0.0000	0.0000	0.0000
2016-07-08 20:00:00	0.0202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 20:15:00	0.2449	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 20:30:00	1.0261	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 20:45:00	0.1187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 21:15:00	0.7904	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 21:30:00	2.6602	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 21:45:00	1.4431	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-08 22:00:00	0.0999	0.0000 0.0000	0.0000	0.0000	0.0000 0.0005	0.0000 0.0000	0.0000
2016-07-08 22:15:00	1.4641		0.0000	0.3211			0.0000
2016-07-08 22:30:00	2.3446 0.2555	5.0098	0.0117	0.2535 0.1788	0.0006	0.0000 0.0000	0.0000
2016-07-08 22:45:00 2016-07-08 23:00:00		5.0098	0.0013 0.0009	0.1788	0.0000 0.0000	0.0000	0.0000
2016-07-08 23:00:00	0.1830 0.0389	5.0098 5.0098	0.0009	0.2616	0.0000	0.0000	0.0000
2016-07-08 23:30:00 2016-07-08 23:45:00	0.0381 0.6004	5.0098 5.0098	0.0002 0.0030	0.1119 0.1119	0.0000 0.0001	0.0000 0.0000	0.0000
2016-07-08 23:45:00 2016-07-09 00:00:00	0.6004	5.0098	0.0030	0.1119	0.0001	0.0000	0.0000
2016-07-09 00:00:00	1.3887	5.0098	0.0010	0.1119	0.0000	0.0000	0.0000
2016-07-09 00:15:00	0.2149	5.0098	0.0070	0.1119	0.0002	0.0000	0.0000
2016-07-09 00:30:00	0.2149	5.0098	0.0011	0.1119	0.0000	0.0000	0.0000
2016-07-09 00:45:00	0.5604	5.0098	0.0000	0.1119	0.0000	0.0000	0.0000
2016-07-09 01:00:00	2.1434	5.0098	0.0028	0.1119	0.0001	0.0000	0.0000
2016-07-09 01:30:00	0.0932	5.0098	0.0005	0.1119	0.0002	0.0000	0.0000
2016-07-09 01:45:00	0.2280	5.0098	0.0003	0.1119	0.0000	0.0000	0.0000
2016-07-09 02:00:00	0.1375	5.0098	0.0007	0.1119	0.0000	0.0000	0.0000
2016-07-09 02:15:00	0.9029	5.0098	0.0045	0.1119	0.0001	0.0000	0.0000
2016-07-09 02:30:00	0.8586	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 02:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 03:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 03:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 03:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 03:45:00	0.0179	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 04:00:00	0.5920	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 04:15:00	0.5497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 04:30:00	0.9437	0.0000	0.0000	0.2072	0.0002	0.0000	0.0000
2016-07-09 04:45:00	0.7416	5.0098	0.0037	0.3160	0.0002	0.0000	0.0000
2016-07-09 05:00:00	0.5303	5.0098	0.0027	0.2348	0.0001	0.0000	0.0000
2016-07-09 05:15:00	1.0324	5.0098	0.0052	0.2774	0.0003	0.0000	0.0000
2016-07-09 05:30:00	2.3470	5.0098	0.0118	0.1662	0.0004	0.0000	0.0000
2016-07-09 05:45:00	2.9351	5.0098	0.0147	0.1202	0.0004	0.0000	0.0000
2016-07-09 06:00:00	0.0000	5.0098	0.0000	0.1202	0.0000	0.0000	0.0000
2016-07-09 06:15:00	0.0000	5.0098	0.0000	0.1202	0.0000	0.0000	0.0000
2016-07-09 06:30:00	0.0000	5.0098	0.0000	0.1202	0.0000	0.0000	0.0000
2016-07-09 06:45:00	0.0000	5.0098	0.0000	0.1202	0.0000	0.0000	0.0000
2016-07-09 07:00:00	0.0000	5.0098	0.0000	0.1202	0.0000	0.0000	0.0000
2016-07-09 07:15:00	0.0000	5.0098	0.0000	0.1202	0.0000	0.0000	0.0000
2016-07-09 07:30:00	0.0000	5.0098	0.0000	0.1202	0.0000	0.0000	0.0000
2016-07-09 07:45:00	0.0000	5.0098	0.0000	0.1202	0.0000	0.0000	0.0000
2016-07-09 08:00:00	0.1402	5.0098	0.0007	0.1202	0.0000	0.0000	0.0000
2016-07-09 08:15:00	0.2442	5.0098	0.0012	0.1202	0.0000	0.0000	0.0000
2016-07-09 08:30:00	0.0443	5.0098	0.0002	0.1202	0.0000	0.0000	0.0000
2016-07-09 08:45:00	2.2903	5.0098	0.0115	0.1202	0.0003	0.0000	0.0000
2016-07-09 09:00:00	3.4528	5.0098	0.0173	0.1202	0.0004	0.0000	0.0000
2016-07-09 09:15:00	6.6924	5.0098	0.0335	0.1076	0.0007	0.0000	0.0000
2016-07-09 09:30:00	5.5741	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 09:45:00	5.9307	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 10:00:00	5.8191	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 10:15:00	6.7599	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 10:30:00	6.9365	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 10:45:00	7.3345	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 11:00:00	7.7015	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 11:15:00	8.3038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 11:30:00	7.6400	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 11:45:00	6.5284	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7.4032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 12:00:00			0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 12:00:00 2016-07-09 12:15:00	6.9620	0.0000		0.0000		0.0000	
2016-07-09 12:15:00 2016-07-09 12:30:00	7.2407	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 12:15:00 2016-07-09 12:30:00 2016-07-09 12:45:00	7.2407 5.8846	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-09 12:15:00 2016-07-09 12:30:00	7.2407	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-09 13:30:00	5.3790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 13:45:00	5.0122	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 14:00:00	4.7188	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 14:15:00	4.2175	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 14:30:00	2.6964	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 14:45:00	3.0730	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 15:00:00	4.9115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 15:15:00	3.2252	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 15:30:00	3.3989	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 15:45:00	4.3453	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 16:00:00	4.0765	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 16:15:00	4.0242	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 16:30:00	5.4022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 16:45:00	5.5484	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 17:00:00	3.9685	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 17:15:00	2.9189	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 17:30:00	3.0590	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 17:45:00	1.2637	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 18:00:00	3.1142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 18:15:00	4.3233	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 18:30:00	3.9460	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 18:45:00	3.7869	0.0000 0.0000	0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-09 19:00:00 2016-07-09 19:15:00	4.5302 4.8872	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 19:15:00 2016-07-09 19:30:00	4.8872 4.0662	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 19:30:00	4.0662	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 19:45:00	4.5196	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 20:00:00	3.3227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 20:30:00	4.0666	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 20:45:00	3.1760	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 21:00:00	3.4982	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 21:15:00	2.1703	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 21:30:00	2.8930	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 21:45:00	2.8209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 22:00:00	2.0847	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 22:15:00	2.0148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 22:30:00	0.6795	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 22:45:00	0.4981	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 23:00:00	1.5026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 23:15:00	2.3001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 23:30:00	1.8612	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-09 23:45:00	2.5423	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 00:00:00	2.8038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 00:15:00	2.7314	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 00:30:00	3.5808	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 00:45:00	3.4685	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 01:00:00	2.6655	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 01:15:00	3.9051	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 01:30:00	4.2178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 01:45:00	4.1832	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 02:00:00	4.3455	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 02:15:00	4.6335	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 02:30:00	5.0084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 02:45:00	5.2959	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 03:00:00	4.5240	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 03:15:00	4.8048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 03:30:00	6.1504	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 03:45:00	6.6864	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 04:00:00	6.1711	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 04:15:00	6.2549	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 04:30:00	6.1176	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 04:45:00	5.4235	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 05:00:00	5.2268	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 05:15:00	5.2135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 05:30:00	5.9800	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 05:45:00	5.8129	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 06:00:00	4.9598	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 06:15:00	4.5460	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 06:30:00	4.8825	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 06:45:00	5.0790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 07:00:00	4.2649	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 07:15:00	4.4243	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 07:30:00	4.5798	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 07:45:00	3.2592	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 08:00:00	3.2169	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Оx	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-10 08:15:00	3.2603	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 08:30:00	3.2174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 08:45:00	1.2919	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 09:00:00	2.3749	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 09:15:00	0.6317	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 09:30:00	2.7923	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 09:45:00	3.3456	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 10:00:00	2.4447	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 10:15:00	3.9722	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 10:30:00	3.2646	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 10:45:00	3.0106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 11:00:00	3.8300	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 11:15:00	3.3201	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 11:30:00	1.7975 0.4855	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-10 11:45:00							
2016-07-10 12:00:00	0.9468	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 12:15:00	0.2048	0.0000	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000
2016-07-10 12:30:00 2016-07-10 12:45:00	0.2436	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
	0.0406						
2016-07-10 13:00:00 2016-07-10 13:15:00	0.0572 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-10 13:15:00 2016-07-10 13:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 13:30:00 2016-07-10 13:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 13:45:00 2016-07-10 14:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 14:05:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 14:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 14:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 15:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 15:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 15:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 15:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 16:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 16:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 16:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 16:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 17:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 17:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 17:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 17:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 18:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 18:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 19:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 19:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 19:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 19:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 20:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 20:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 20:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 20:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 21:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 21:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 22:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 22:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 22:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 22:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 23:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 23:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 23:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-10 23:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 00:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 00:15:00	0.0368	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 00:30:00	1.2528	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 00:45:00	0.0563	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 01:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 01:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 01:30:00	0.0751	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 01:45:00	0.5092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 02:00:00	0.6915	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046 07 44 02:45:00	0.3337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 02:15:00	0.5557						
2016-07-11 02:15:00	1.1661 1.4297	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-11 03:00:00	2.0349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 03:15:00	3.3525	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 03:30:00	2.2245	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 03:45:00	3.0450	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 04:00:00	3.1688	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 04:15:00	1.7150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 04:30:00	1.2152	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000
2016-07-11 04:45:00 2016-07-11 05:00:00	0.0184		0.0000		0.0000	0.0000	0.0000
2016-07-11 05:00:00	0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-07-11 05:15:00	0.0184	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 05:35:00	0.1309 0.5407	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 05:45:00	1.0090	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 06:05:00	2.2171	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 06:30:00	1.7713	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 06:45:00	2.4933	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 07:00:00	2.4267	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 07:05:00	0.5501	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 07:30:00	0.2438	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 07:35:00	0.2175	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 07:45:00	0.1071	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 08:00:00	0.4162	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 08:13:00	1.9613	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 08:45:00	0.4388	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 09:00:00	0.3370	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 09:15:00	4.1671	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 09:30:00	2.6722	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 09:45:00	1.5587	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 10:00:00	4.5844	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 10:15:00	4.3374	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 10:30:00	3.9543	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-11 10:45:00	3.4661	0.0000	0.0000	0.0441	0.0002	0.0000	0.0000
2016-07-11 11:00:00	3.0087	97.7107	0.2940	0.2044	0.0006	0.0000	0.0000
2016-07-11 11:15:00	2.2464	48.5974	0.1092	0.2072	0.0005	0.0000	0.0000
2016-07-11 11:30:00	1.9272	23.2453	0.0448	0.1298	0.0003	0.0000	0.0000
2016-07-11 11:45:00	1.4623	23.2453	0.0340	0.1865	0.0003	0.0000	0.0000
2016-07-11 12:00:00	1.5665	23.2453	0.0364	0.1413	0.0002	0.0000	0.0000
2016-07-11 12:15:00	1.4754	23.2453	0.0343	0.1277	0.0002	0.0000	0.0000
2016-07-11 12:30:00	2.9226	23.2453	0.0679	0.1277	0.0004	0.0000	0.0000
2016-07-11 12:45:00	1.5759	23.2453	0.0366	0.0373	0.0001	0.0000	0.0000
2016-07-11 13:00:00	0.2132	23.2453	0.0050	0.0151	0.0000	0.0000	0.0000
2016-07-11 13:15:00	0.0754	23.2453	0.0018	0.0151	0.0000	0.0000	0.0000
2016-07-11 13:30:00	0.0413	23.2453	0.0010	0.0151	0.0000	0.0000	0.0000
2016-07-11 13:45:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 14:00:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 14:15:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 14:30:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 14:45:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 15:00:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 15:15:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 15:30:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 15:45:00	0.2052	23.2453	0.0048	0.0151	0.0000	0.0000	0.0000
2016-07-11 16:00:00	0.0402	23.2453	0.0009	0.0151	0.0000	0.0000	0.0000
2016-07-11 16:15:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 16:30:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 16:45:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 17:00:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 17:15:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 17:30:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 17:45:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 18:00:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 18:15:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 18:30:00	0.0000	23.2453	0.0000	0.0151	0.0000	0.0000	0.0000
2016-07-11 18:45:00	0.0000	23.2453	0.0000	0.0720	0.0000	0.0000	0.0000
2016-07-11 19:00:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 19:15:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 19:30:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 19:45:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 20:00:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
		1 22 2452	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 20:15:00	0.0000	23.2453					
	0.0000 0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 20:15:00 2016-07-11 20:30:00 2016-07-11 20:45:00	0.0000 0.0000	23.2453 23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 20:15:00 2016-07-11 20:30:00 2016-07-11 20:45:00 2016-07-11 21:00:00	0.0000 0.0000 0.0000	23.2453 23.2453 23.2453	0.0000 0.0000	0.1284 0.1284	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-11 20:15:00 2016-07-11 20:30:00 2016-07-11 20:45:00	0.0000 0.0000	23.2453 23.2453	0.0000	0.1284	0.0000	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-11 21:45:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 22:00:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 22:15:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 22:30:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 22:45:00 2016-07-11 23:00:00	0.0000 0.0000	23.2453	0.0000 0.0000	0.1284 0.1284	0.0000 0.0000	0.0000 0.0000	0.0000
2016-07-11 23:00:00	0.0600	23.2453 23.2453	0.0000	0.1284	0.0000	0.0000	0.0000
2016-07-11 23:13:00	0.3974	23.2453	0.0014	0.1284	0.0000	0.0000	0.0000
2016-07-11 23:45:00	0.0369	23.2453	0.0092	0.1284	0.0001	0.0000	0.0000
2016-07-12 00:00:00	0.1573	23.2453	0.0037	0.1284	0.0000	0.0000	0.0000
2016-07-12 00:15:00	0.2918	23.2453	0.0068	0.1284	0.0000	0.0000	0.0000
2016-07-12 00:30:00	0.1816	23.2453	0.0042	0.1284	0.0000	0.0000	0.0000
2016-07-12 00:45:00	0.1549	23.2453	0.0036	0.1284	0.0000	0.0000	0.0000
2016-07-12 01:00:00	0.5786	23.2453	0.0135	0.1284	0.0001	0.0000	0.0000
2016-07-12 01:15:00	2.4066	23.2453	0.0559	0.1284	0.0003	0.0000	0.0000
2016-07-12 01:30:00	3.4209	23.2453	0.0795	0.1284	0.0004	0.0000	0.0000
2016-07-12 01:45:00	2.1338	23.2453	0.0496	0.1284	0.0003	0.0000	0.0000
2016-07-12 02:00:00	3.8877	23.2453	0.0904	0.1284	0.0005	0.0000	0.0000
2016-07-12 02:15:00	3.9403	23.2453	0.0916	0.1284	0.0005	0.0000	0.0000
2016-07-12 02:30:00	4.3248	23.2453	0.1005	0.1284	0.0006	0.0000	0.0000
2016-07-12 02:45:00	3.5179	23.2453	0.0818	0.1284	0.0005	0.0000	0.0000
2016-07-12 03:00:00	3.0076	23.2453	0.0699	0.1284	0.0004	0.0000	0.0000
2016-07-12 03:15:00	4.1488	23.2453	0.0964	0.1284	0.0005	0.0000	0.0000
2016-07-12 03:30:00	4.2860	23.2453	0.0996	0.1284	0.0006	0.0000	0.0000
2016-07-12 03:45:00	4.9375	23.2453	0.1148	0.1284	0.0006	0.0000	0.0000
2016-07-12 04:00:00	5.9399	23.2453	0.1381	0.1284	0.0008	0.0000	0.0000
2016-07-12 04:15:00	4.7803	23.2453	0.1111	0.1284	0.0006	0.0000	0.0000
2016-07-12 04:30:00	7.2627	23.2453	0.1688	0.1284	0.0009	0.0000	0.0000
2016-07-12 04:45:00	7.4709	23.2453	0.1737	0.1284	0.0010	0.0000	0.0000
2016-07-12 05:00:00	8.6660	23.2453	0.2014	0.1284	0.0011	0.0000	0.0000
2016-07-12 05:15:00	8.4163	23.2453	0.1956	0.1284	0.0011	0.0000	0.0000
2016-07-12 05:30:00	8.6152	23.2453	0.2003	0.1284	0.0011 0.0010	0.0000	0.0000
2016-07-12 05:45:00	7.7645	23.2453	0.1805 0.1662	0.1284 0.1284	0.0010	0.0000 0.0000	0.0000
2016-07-12 06:00:00 2016-07-12 06:15:00	7.1480 7.7362	23.2453 23.2453	0.1662	0.1284	0.0009	0.0000	0.0000
2016-07-12 06:13:00	6.7042	23.2453	0.1798	0.1284	0.0010	0.0000	0.0000
2016-07-12 06:35:00	5.8880	23.2453	0.1358	0.1284	0.0009	0.0000	0.0000
2016-07-12 07:00:00	6.6106	23.2453	0.1537	0.1284	0.0008	0.0000	0.0000
2016-07-12 07:00:00	7.0972	23.2453	0.1650	0.1284	0.0009	0.0000	0.0000
2016-07-12 07:30:00	5.6423	23.2453	0.1312	0.1284	0.0007	0.0000	0.0000
2016-07-12 07:45:00	4.5223	23.2453	0.1051	0.1284	0.0006	0.0000	0.0000
2016-07-12 08:00:00	4.9309	23.2453	0.1146	0.1284	0.0006	0.0000	0.0000
2016-07-12 08:15:00	5.9018	23.2453	0.1372	0.1284	0.0008	0.0000	0.0000
2016-07-12 08:30:00	5.3222	23.2453	0.1237	0.1284	0.0007	0.0000	0.0000
2016-07-12 08:45:00	6.0157	23.2453	0.1398	0.1284	0.0008	0.0000	0.0000
2016-07-12 09:00:00	6.3297	23.2453	0.1471	0.1284	0.0008	0.0000	0.0000
2016-07-12 09:15:00	5.8276	23.2453	0.1355	0.1284	0.0007	0.0000	0.0000
2016-07-12 09:30:00	6.0456	23.2453	0.1405	0.1284	0.0008	0.0000	0.0000
2016-07-12 09:45:00	7.6079	23.2453	0.1768	0.1284	0.0010	0.0000	0.0000
2016-07-12 10:00:00	8.5111	23.2453	0.1978	0.1284	0.0011	0.0000	0.0000
2016-07-12 10:15:00	7.4372	23.2453	0.1729	0.1284	0.0010	0.0000	0.0000
2016-07-12 10:30:00	8.7041	23.2453	0.2023	0.1284	0.0011	0.0000	0.0000
2016-07-12 10:45:00	6.5280	23.2453	0.1517	0.1284	0.0008	0.0000	0.0000
2016-07-12 11:00:00	7.4817	23.2453	0.1739	0.1284	0.0010	0.0000	0.0000
2016-07-12 11:15:00	5.3579	23.2453	0.1245	0.1284	0.0007	0.0000	0.0000
2016-07-12 11:30:00	4.5015	23.2453	0.1046	0.1284	0.0006	0.0000	0.0000
2016-07-12 11:45:00	4.6690	23.2453	0.1085	0.1284	0.0006	0.0000	0.0000
2016-07-12 12:00:00	3.4217	23.2453	0.0795	0.1284	0.0004	0.0000	0.0000
2016-07-12 12:15:00	4.1598	23.2453	0.0967	0.1284	0.0005	0.0000	0.0000
2016-07-12 12:30:00	3.9555	23.2453	0.0919	0.1284	0.0005	0.0000	0.0000
2016-07-12 12:45:00	3.8925	23.2453	0.0905	0.1284	0.0005	0.0000	0.0000
2016-07-12 13:00:00	5.1251	23.2453	0.1191	0.0297	0.0002	0.0000	0.0000
2016-07-12 13:15:00	2.1896	23.2453	0.0509	0.0144	0.0000	0.0000	0.0000
2016-07-12 13:30:00 2016-07-12 13:45:00	2.7177 2.1461	23.2453 23.2453	0.0632 0.0499	0.0144 0.0144	0.0000 0.0000	0.0000 0.0000	0.0000
2016-07-12 13:45:00	2.3099	23.2453	0.0499	0.0144	0.0000	0.0000	0.0000
2016-07-12 14:00:00	2.3099	23.2453	0.0537	0.0144	0.0000	0.0000	0.0000
2016-07-12 14:13:00	0.8666	23.2453	0.0327	0.0144	0.0000	0.0000	0.0000
2016-07-12 14:30:00	0.5624	23.2453	0.0201	0.0144	0.0001	0.0000	0.0000
2016-07-12 14:43:00	0.6395	23.2453	0.0131	0.1131	0.0001	0.0000	0.0000
2016-07-12 15:00:00	3.0039	23.2453	0.0698	0.1284	0.0001	0.0000	0.0000
2010 07 12 13.13.00			0.0667	0.0441	0.0004	0.0000	0.0000
2016-07-12 15:30:00	7 X677	23 7453					
2016-07-12 15:30:00 2016-07-12 15:45:00	2.8677 1.5057	23.2453 23.2453					
2016-07-12 15:30:00 2016-07-12 15:45:00 2016-07-12 16:00:00	2.8677 1.5057 0.2146	23.2453 23.2453 23.2453	0.0350 0.0050	0.0140 0.1257	0.0000 0.0000	0.0000 0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-12 16:30:00	0.3497	23.2453	0.0081	0.1257	0.0000	0.0000	0.0000
2016-07-12 16:45:00	0.4753	23.2453	0.0110	0.1257	0.0001	0.0000	0.0000
2016-07-12 17:00:00	0.1353	23.2453	0.0031	0.1257	0.0000	0.0000	0.0000
2016-07-12 17:15:00	4.6670	23.2453	0.1085	0.1257	0.0006	0.0000	0.0000
2016-07-12 17:30:00	5.4206	23.2453	0.1260	0.1257	0.0007	0.0000	0.0000
2016-07-12 17:45:00	6.0134	23.2453	0.1398	0.1257	0.0008	0.0000	0.0000
2016-07-12 18:00:00	5.0585	23.2453	0.1176	0.1257	0.0006	0.0000	0.0000
2016-07-12 18:15:00	4.8183	23.2453	0.1120	0.1257	0.0006	0.0000	0.0000
2016-07-12 18:30:00	4.6589	23.2453	0.1083	0.1257	0.0006	0.0000	0.0000
2016-07-12 18:45:00	2.9510	23.2453	0.0686	0.1257	0.0004	0.0000	0.0000
2016-07-12 19:00:00	2.8416	23.2453	0.0661	0.1257	0.0004	0.0000	0.0000
2016-07-12 19:15:00	3.4020	23.2453	0.0791	0.1257	0.0004	0.0000	0.0000
2016-07-12 19:30:00	4.1895	23.2453	0.0974	0.1257	0.0005	0.0000	0.0000
2016-07-12 19:45:00	1.8007	23.2453	0.0419	0.1257	0.0002	0.0000	0.0000
2016-07-12 20:00:00	1.0543	23.2453	0.0245	0.1257	0.0001	0.0000	0.0000
2016-07-12 20:15:00	1.1901	23.2453	0.0277	0.1257	0.0001	0.0000	0.0000
2016-07-12 20:30:00	2.8796	23.2453	0.0669	0.1257	0.0004	0.0000	0.0000
2016-07-12 20:45:00	2.8050	23.2453	0.0652	0.1257	0.0004	0.0000	0.0000
2016-07-12 21:00:00	5.0120	23.2453	0.1165	0.1257	0.0006	0.0000	0.0000
2016-07-12 21:15:00	5.2970	23.2453	0.1231	0.1257	0.0007	0.0000	0.0000
2016-07-12 21:30:00	4.4201	23.2453	0.1027	0.1257	0.0006	0.0000	0.0000
2016-07-12 21:45:00	5.7515	23.2453	0.1337	0.1257	0.0007	0.0000	0.0000
2016-07-12 22:00:00	5.7896	23.2453	0.1346	0.1257	0.0007	0.0000	0.0000
2016-07-12 22:15:00	6.5493	23.2453	0.1522	0.1257	0.0008	0.0000	0.0000
2016-07-12 22:30:00	5.1970	23.2453	0.1208	0.1257	0.0007	0.0000	0.0000
2016-07-12 22:45:00	7.0492	23.2453	0.1639	0.1257	0.0009	0.0000	0.0000
2016-07-12 23:00:00	6.9870	23.2453	0.1624	0.1257	0.0009	0.0000	0.0000
2016-07-12 23:15:00	7.3077	23.2453	0.1699	0.1257	0.0009	0.0000	0.0000
2016-07-12 23:30:00	7.1506	23.2453	0.1662	0.1257	0.0009	0.0000	0.0000
2016-07-12 23:45:00	6.6005	23.2453	0.1534	0.1257	0.0008	0.0000	0.0000
2016-07-13 00:00:00	6.6135	23.2453	0.1537	0.1257	0.0008	0.0000	0.0000
2016-07-13 00:15:00	6.1516	23.2453	0.1430	0.1257	0.0008	0.0000	0.0000
2016-07-13 00:30:00	6.2774	23.2453	0.1459	0.1257	0.0008	0.0000	0.0000
2016-07-13 00:45:00	6.8631	23.2453	0.1595	0.1257	0.0009	0.0000	0.0000
2016-07-13 01:00:00	7.4943	23.2453	0.1742	0.1257	0.0009	0.0000	0.0000
2016-07-13 01:15:00	7.4989	23.2453	0.1743	0.1257	0.0009	0.0000	0.0000
2016-07-13 01:30:00	7.8157	23.2453	0.1817	0.1257	0.0010	0.0000	0.0000
2016-07-13 01:45:00	8.0867	23.2453	0.1880	0.1257	0.0010	0.0000	0.0000
2016-07-13 02:00:00	8.4207	23.2453	0.1957	0.1257	0.0011	0.0000	0.0000
2016-07-13 02:15:00	8.1059	23.2453	0.1884	0.1257	0.0010	0.0000	0.0000
2016-07-13 02:30:00	7.4528	23.2453	0.1732	0.1257	0.0009	0.0000	0.0000
2016-07-13 02:45:00	8.0622	23.2453	0.1874	0.1257	0.0010	0.0000	0.0000
2016-07-13 03:00:00	7.5142	23.2453	0.1747	0.1257	0.0009	0.0000	0.0000
2016-07-13 03:15:00	6.3483	23.2453	0.1476	0.1257	0.0008	0.0000	0.0000
2016-07-13 03:30:00	6.2057	23.2453	0.1443	0.1257	0.0008	0.0000	0.0000
2016-07-13 03:45:00	5.9783	23.2453	0.1390	0.1257	0.0008	0.0000	0.0000
2016-07-13 04:00:00	7.7858	23.2453	0.1810	0.1257	0.0010	0.0000	0.0000
2016-07-13 04:15:00	6.4026	23.2453	0.1488	0.1257	0.0008	0.0000	0.0000
2016-07-13 04:30:00	5.4865	23.2453	0.1275	0.1257	0.0007	0.0000	0.0000
2016-07-13 04:45:00	4.5738	23.2453	0.1063	0.1257	0.0006	0.0000	0.0000
2016-07-13 05:00:00	5.0664	23.2453	0.1178	0.1257	0.0006	0.0000	0.0000
2016-07-13 05:15:00	4.0252	23.2453	0.0936	0.1257	0.0005	0.0000	0.0000
2016-07-13 05:30:00	4.9948	23.2453	0.1161	0.1257	0.0006	0.0000	0.0000
2016-07-13 05:45:00	5.7454	23.2453	0.1336	0.1257	0.0007	0.0000	0.0000
2016-07-13 06:00:00	5.2497	23.2453	0.1220	0.1257	0.0007	0.0000	0.0000
2016-07-13 06:15:00	5.9924	23.2453	0.1393	0.1257	0.0008	0.0000	0.0000
2016-07-13 06:30:00	5.5411	23.2453	0.1288	0.1257	0.0007	0.0000	0.0000
2016-07-13 06:45:00	5.8968	23.2453	0.1371	0.1257	0.0007	0.0000	0.0000
2016-07-13 07:00:00	6.3591	23.2453	0.1478	0.1257	0.0008	0.0000	0.0000
2016-07-13 07:15:00	6.2587	23.2453	0.1455	0.1257	0.0008	0.0000	0.0000
2016-07-13 07:30:00	6.5299	23.2453	0.1518	0.1257	0.0008	0.0000	0.0000
2016-07-13 07:45:00	8.3917	23.2453	0.1951	0.1257	0.0011	0.0000	0.0000
2016-07-13 08:00:00	6.3497	23.2453	0.1476	0.1257	0.0008	0.0000	0.0000
2016-07-13 08:15:00	6.4592	23.2453	0.1501	0.1257	0.0008	0.0000	0.0000
2016-07-13 08:30:00	6.1151	23.2453	0.1421	0.1257	0.0008	0.0000	0.0000
2016-07-13 08:45:00	6.1440	23.2453	0.1428	0.1257	0.0008	0.0000	0.0000
2016-07-13 09:00:00	6.8994	23.2453	0.1604	0.1257	0.0009	0.0000	0.0000
2016-07-13 09:15:00	8.1038	23.2453	0.1884	0.1257	0.0010	0.0000	0.0000
2016-07-13 09:30:00	7.3321	23.2453	0.1704	0.1257	0.0009	0.0000	0.0000
	7.2423	23.2453	0.1683	0.1257	0.0009	0.0000	0.0000
2016-07-13 09:45:00	C 2724	23.2453	0.1481	0.1257	0.0008	0.0000	0.0000
2016-07-13 09:45:00 2016-07-13 10:00:00	6.3724	23.2433					
	6.7667	23.2453	0.1573	0.1257	0.0009	0.0000	0.0000
2016-07-13 10:00:00				0.1257 0.1257	0.0009 0.0008	0.0000 0.0000	0.0000 0.0000
2016-07-13 10:00:00 2016-07-13 10:15:00	6.7667	23.2453	0.1573				

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-13 11:15:00	6.3783	23.2453	0.1483	0.1257	0.0008	0.0000	0.0000
2016-07-13 11:30:00	5.5328	23.2453	0.1286	0.1257	0.0007	0.0000	0.0000
2016-07-13 11:45:00	5.3646	23.2453	0.1247	0.1257	0.0007	0.0000	0.0000
2016-07-13 12:00:00	6.7991	23.2453	0.1580	0.1257	0.0009	0.0000	0.0000
2016-07-13 12:15:00	5.0848	23.2453	0.1182	0.1257	0.0006	0.0000	0.0000
2016-07-13 12:30:00	4.2345	23.2453	0.0984	0.1257	0.0005	0.0000	0.0000
2016-07-13 12:45:00	3.1573	23.2453	0.0734	0.1257	0.0004	0.0000	0.0000
2016-07-13 13:00:00	3.7368	23.2453	0.0869	0.1257	0.0005	0.0000	0.0000
2016-07-13 13:15:00	4.4087	23.2453	0.1025	0.0275	0.0001	0.0000	0.0000
2016-07-13 13:30:00	4.0578	23.2453	0.0943	0.0117	0.0000	0.0000	0.0000
2016-07-13 13:45:00	5.1420	23.2453	0.1195	0.0117	0.0001	0.0000	0.0000
2016-07-13 14:00:00	4.7346	23.2453	0.1101	0.0117	0.0001	0.0000	0.0000
2016-07-13 14:15:00	4.5417	23.2453	0.1056	0.0117	0.0001	0.0000	0.0000
2016-07-13 14:30:00	2.2827	23.2453	0.0531	0.0117	0.0000	0.0000	0.0000
2016-07-13 14:45:00	2.1408	23.2453	0.0498	0.0117	0.0000	0.0000	0.0000
2016-07-13 15:00:00	2.3723	23.2453	0.0551	0.0117	0.0000	0.0000	0.0000
2016-07-13 15:15:00	2.8102	23.2453	0.0653	0.0117	0.0000	0.0000	0.0000
2016-07-13 15:30:00 2016-07-13 15:45:00	3.0061	23.2453 23.2453	0.0699	0.0117 0.0117	0.0000	0.0000 0.0000	0.0000 0.0000
	2.7853		0.0647		0.0000		
2016-07-13 16:00:00 2016-07-13 16:15:00	3.2656 2.6221	23.2453 23.2453	0.0759 0.0610	0.0117 0.0117	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-13 16:15:00 2016-07-13 16:30:00	2.6221 4.1261	23.2453	0.0610	0.0117	0.0000	0.0000	0.0000
2016-07-13 16:30:00	4.1261 2.0661	23.2453	0.0959	0.0117	0.0000	0.0000	0.0000
2016-07-13 17:00:00	3.3733	23.2453	0.0480	0.0117	0.0000	0.0000	0.0000
2016-07-13 17:00:00	4.0059	23.2453	0.0784	0.0117	0.0000	0.0000	0.0000
2016-07-13 17:30:00	2.3342	23.2453	0.0543	0.0117	0.0000	0.0000	0.0000
2016-07-13 17:45:00	2.8679	23.2453	0.0667	0.0117	0.0000	0.0000	0.0000
2016-07-13 18:00:00	2.0364	23.2453	0.0473	0.0117	0.0000	0.0000	0.0000
2016-07-13 18:15:00	1.6363	23.2453	0.0380	0.0117	0.0000	0.0000	0.0000
2016-07-13 18:30:00	1.1945	23.2453	0.0278	0.0117	0.0000	0.0000	0.0000
2016-07-13 18:45:00	1.3183	23.2453	0.0306	0.0117	0.0000	0.0000	0.0000
2016-07-13 19:00:00	0.8553	23.2453	0.0199	0.0117	0.0000	0.0000	0.0000
2016-07-13 19:15:00	0.7746	23.2453	0.0180	0.0117	0.0000	0.0000	0.0000
2016-07-13 19:30:00	1.2248	23.2453	0.0285	0.0117	0.0000	0.0000	0.0000
2016-07-13 19:45:00	1.0769	23.2453	0.0250	0.0117	0.0000	0.0000	0.0000
2016-07-13 20:00:00	0.9066	23.2453	0.0211	0.0117	0.0000	0.0000	0.0000
2016-07-13 20:15:00	1.5556	23.2453	0.0362	0.0117	0.0000	0.0000	0.0000
2016-07-13 20:30:00	4.1404	23.2453	0.0962	0.0117	0.0000	0.0000	0.0000
2016-07-13 20:45:00	4.4476	23.2453	0.1034	0.0117	0.0001	0.0000	0.0000
2016-07-13 21:00:00	3.5793	23.2453	0.0832	0.0117	0.0000	0.0000	0.0000
2016-07-13 21:15:00	4.0956	23.2453	0.0952	0.0117	0.0000	0.0000	0.0000
2016-07-13 21:30:00	4.6501	23.2453	0.1081	0.0117	0.0001	0.0000	0.0000
2016-07-13 21:45:00	4.1573	23.2453	0.0966	0.0117	0.0000	0.0000	0.0000
2016-07-13 22:00:00	2.7953	23.2453	0.0650	0.0117	0.0000	0.0000	0.0000
2016-07-13 22:15:00	2.1224	23.2453	0.0493	0.0117	0.0000	0.0000	0.0000
2016-07-13 22:30:00	2.4156	23.2453	0.0562	0.0117	0.0000	0.0000	0.0000
2016-07-13 22:45:00	2.3001	23.2453	0.0535	0.0117	0.0000	0.0000	0.0000
2016-07-13 23:00:00	3.0216	23.2453	0.0702	0.0117	0.0000	0.0000	0.0000
2016-07-13 23:15:00	4.9383	23.2453	0.1148	0.0117	0.0001	0.0000	0.0000
2016-07-13 23:30:00	5.7986	23.2453	0.1348	0.0117	0.0001	0.0000	0.0000
2016-07-13 23:45:00	5.6612	23.2453	0.1316	0.0117	0.0001	0.0000	0.0000
2016-07-14 00:00:00	5.5602	23.2453	0.1292	0.0117	0.0001	0.0000	0.0000
2016-07-14 00:15:00	4.5269	23.2453	0.1052	0.0117	0.0001	0.0000	0.0000
2016-07-14 00:30:00	4.3925	23.2453	0.1021	0.0117	0.0001	0.0000	0.0000
2016-07-14 00:45:00	5.0935	23.2453	0.1184	0.0117	0.0001	0.0000	0.0000
2016-07-14 01:00:00	5.1256	23.2453	0.1191	0.0117	0.0001	0.0000	0.0000
2016-07-14 01:15:00	4.9538	23.2453	0.1152	0.0117	0.0001	0.0000	0.0000
2016-07-14 01:30:00	5.0400	23.2453	0.1172	0.0117	0.0001	0.0000	0.0000
2016-07-14 01:45:00	5.8657	23.2453	0.1364	0.0117	0.0001	0.0000	0.0000
2016-07-14 02:00:00	5.3154	23.2453	0.1236	0.0117	0.0001	0.0000	0.0000
2016-07-14 02:15:00	4.8238	23.2453	0.1121	0.0117	0.0001	0.0000	0.0000
2016-07-14 02:30:00	5.0294	23.2453	0.1169	0.0117	0.0001	0.0000	0.0000
2016-07-14 02:45:00	5.5485	23.2453	0.1290	0.0117	0.0001	0.0000	0.0000
2016-07-14 03:00:00	5.6460	23.2453	0.1312	0.0117	0.0001	0.0000	0.0000
2016-07-14 03:15:00	5.7887	23.2453	0.1346	0.0117	0.0001	0.0000	0.0000
2016-07-14 03:30:00	7.6123	23.2453	0.1770	0.0117	0.0001	0.0000	0.0000
2016-07-14 03:45:00	6.9558	23.2453	0.1617	0.0117	0.0001	0.0000	0.0000
2016-07-14 04:00:00	5.8601	23.2453	0.1362	0.0117	0.0001	0.0000	0.0000
2016-07-14 04:15:00	6.1503	23.2453	0.1430	0.0117	0.0001	0.0000	0.0000
2016-07-14 04:30:00	6.2065	23.2453	0.1443	0.0117	0.0001	0.0000	0.0000
2016-07-14 04:45:00	6.4044	23.2453	0.1489	0.0117	0.0001	0.0000	0.0000
2016-07-14 05:00:00	6.3980	23.2453	0.1487	0.0117	0.0001	0.0000	0.0000
2016-07-14 05:15:00	5.7403	23.2453	0.1334	0.0117	0.0001	0.0000	0.0000
2016-07-14 05:30:00	7.4198	23.2453	0.1725	0.0117	0.0001	0.0000	0.0000
2016-07-14 05:45:00	8.0085	23.2453	0.1862	0.0117	0.0001	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-14 06:00:00	7.2253	23.2453	0.1680	0.0117	0.0001	0.0000	0.0000
2016-07-14 06:15:00	7.1700	23.2453	0.1667	0.0117	0.0001	0.0000	0.0000
2016-07-14 06:30:00	8.3711	23.2453	0.1946	0.0117	0.0001	0.0000	0.0000
2016-07-14 06:45:00	7.1920	23.2453	0.1672	0.0117	0.0001	0.0000	0.0000
2016-07-14 07:00:00 2016-07-14 07:15:00	7.8178 7.5901	23.2453 23.2453	0.1817 0.1764	0.0117 0.0117	0.0001 0.0001	0.0000 0.0000	0.0000
2016-07-14 07:15:00	7.5901 8.6186	23.2453	0.2003	0.0117	0.0001	0.0000	0.0000
2016-07-14 07:45:00	8.6149	23.2453	0.2003	0.0117	0.0001	0.0000	0.0000
2016-07-14 07:43:00	7.7074	23.2453	0.1792	0.0117	0.0001	0.0000	0.0000
2016-07-14 08:15:00	8.9514	23.2453	0.2081	0.0117	0.0001	0.0000	0.0000
2016-07-14 08:30:00	7.8510	23.2453	0.1825	0.0117	0.0001	0.0000	0.0000
2016-07-14 08:45:00	7.5175	23.2453	0.1747	0.0117	0.0001	0.0000	0.0000
2016-07-14 09:00:00	7.4395	23.2453	0.1729	0.0117	0.0001	0.0000	0.0000
2016-07-14 09:15:00	9.6214	23.2453	0.2237	0.0117	0.0001	0.0000	0.0000
2016-07-14 09:30:00	9.7869	23.2453	0.2275	0.0117	0.0001	0.0000	0.0000
2016-07-14 09:45:00	9.6532	23.2453	0.2244	0.0117	0.0001	0.0000	0.0000
2016-07-14 10:00:00	8.7083	23.2453	0.2024	0.0117	0.0001	0.0000	0.0000
2016-07-14 10:15:00	7.7732	23.2453	0.1807	0.0117	0.0001	0.0000	0.0000
2016-07-14 10:30:00	8.9203	23.2453	0.2074	0.0117	0.0001	0.0000	0.0000
2016-07-14 10:45:00	10.0482	23.2453	0.2336	0.0117	0.0001	0.0000	0.0000
2016-07-14 11:00:00	9.8478	23.2453	0.2289	0.0117	0.0001	0.0000	0.0000
2016-07-14 11:15:00	9.8535	23.2453	0.2290	0.0117	0.0001	0.0000	0.0000
2016-07-14 11:30:00	9.9938	23.2453	0.2323	0.0117	0.0001	0.0000	0.0000
2016-07-14 11:45:00	8.7392	23.2453	0.2031	0.0117	0.0001	0.0000	0.0000
2016-07-14 12:00:00	8.5519	23.2453	0.1988	0.0117	0.0001	0.0000	0.0000
2016-07-14 12:15:00	7.9170	23.2453	0.1840	0.0117	0.0001	0.0000	0.0000
2016-07-14 12:30:00	6.5369	23.2453	0.1520	0.0117	0.0001	0.0000	0.0000
2016-07-14 12:45:00	6.2579	23.2453	0.1455	0.0117	0.0001	0.0000	0.0000
2016-07-14 13:00:00	6.0581	23.2453	0.1408	0.0117	0.0001	0.0000	0.0000
2016-07-14 13:15:00	5.2866	23.2453	0.1229	0.0117	0.0001	0.0000	0.0000
2016-07-14 13:30:00	5.5836	23.2453	0.1298	0.0117	0.0001	0.0000	0.0000
2016-07-14 13:45:00	5.6448	23.2453	0.1312	0.0117	0.0001	0.0000	0.0000
2016-07-14 14:00:00	5.8090	23.2453	0.1350	0.0117	0.0001	0.0000	0.0000
2016-07-14 14:15:00	5.3005	23.2453	0.1232	0.0117	0.0001	0.0000	0.0000
2016-07-14 14:30:00	2.9244	23.2453	0.0680	0.0117	0.0000	0.0000	0.0000
2016-07-14 14:45:00	1.9108	23.2453	0.0444	0.0117	0.0000	0.0000	0.0000
2016-07-14 15:00:00	2.9583	23.2453	0.0688	0.0117	0.0000	0.0000	0.0000
2016-07-14 15:15:00	3.5290	23.2453	0.0820	0.0117	0.0000	0.0000	0.0000
2016-07-14 15:30:00	2.4366	23.2453	0.0566	0.0117	0.0000	0.0000	0.0000
2016-07-14 15:45:00	1.0150	23.2453 23.2453	0.0236	0.0117	0.0000	0.0000	0.0000
2016-07-14 16:00:00	0.9864		0.0229 0.0377	0.0117 0.0687	0.0000 0.0001	0.0000 0.0000	0.0000
2016-07-14 16:15:00	1.6232 2.1789	23.2453 23.2453	0.0377	0.0687	0.0001	0.0000	0.0000
2016-07-14 16:30:00	1.8012		0.0306	0.1243	0.0003	0.0000	0.0000
2016-07-14 16:45:00 2016-07-14 17:00:00	3.0967	23.2453 23.2453	0.0419	0.1243	0.0002	0.0000	0.0000
2016-07-14 17:00:00	3.5463	23.2453	0.0720	0.1243	0.0004	0.0000	0.0000
2016-07-14 17:30:00	3.3573	23.2453	0.0780	0.1243	0.0004	0.0000	0.0000
2016-07-14 17:45:00	3.6080	23.2453	0.0839	0.1243	0.0004	0.0000	0.0000
2016-07-14 17:43:00	3.9036	23.2453	0.0907	0.1243	0.0004	0.0000	0.0000
2016-07-14 18:05:00	0.3935	23.2453	0.0091	0.1243	0.0000	0.0000	0.0000
2016-07-14 18:30:00	3.3646	23.2453	0.0782	0.1243	0.0004	0.0000	0.0000
2016-07-14 18:45:00	4.4404	23.2453	0.1032	0.1243	0.0004	0.0000	0.0000
2016-07-14 19:00:00	3.6185	23.2453	0.0841	0.1243	0.0004	0.0000	0.0000
2016-07-14 19:15:00	2.8234	23.2453	0.0656	0.1243	0.0004	0.0000	0.0000
2016-07-14 19:30:00	1.2672	23.2453	0.0295	0.1243	0.0002	0.0000	0.0000
2016-07-14 19:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-14 20:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-14 20:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-14 20:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-14 20:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-14 21:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-14 21:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-14 21:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-14 21:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-14 22:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
		23.2453	0.0004	0.1243	0.0000	0.0000	0.0000
2016-07-14 22:15:00	0.0184		0.0010	0.1243	0.0000	0.0000	0.0000
2016-07-14 22:15:00 2016-07-14 22:30:00	0.0184 0.0412	23.2453	0.0010				
	0.0412 0.2311	23.2453 23.2453	0.0054	0.1243	0.0000	0.0000	0.0000
2016-07-14 22:30:00	0.0412				0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-14 22:30:00 2016-07-14 22:45:00	0.0412 0.2311 0.0783 0.0000	23.2453	0.0054 0.0018 0.0000	0.1243		0.0000 0.0000	
2016-07-14 22:30:00 2016-07-14 22:45:00 2016-07-14 23:00:00 2016-07-14 23:15:00 2016-07-14 23:30:00	0.0412 0.2311 0.0783 0.0000 0.0000	23.2453 23.2453 23.2453 23.2453	0.0054 0.0018 0.0000 0.0000	0.1243 0.1243 0.1243 0.1243	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000
2016-07-14 22:30:00 2016-07-14 22:45:00 2016-07-14 23:00:00 2016-07-14 23:15:00 2016-07-14 23:30:00 2016-07-14 23:45:00	0.0412 0.2311 0.0783 0.0000 0.0000 0.0390	23.2453 23.2453 23.2453 23.2453 23.2453	0.0054 0.0018 0.0000 0.0000 0.0009	0.1243 0.1243 0.1243 0.1243 0.1243	0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000
2016-07-14 22:30:00 2016-07-14 22:45:00 2016-07-14 23:00:00 2016-07-14 23:15:00 2016-07-14 23:30:00 2016-07-14 23:45:00 2016-07-15 00:00:00	0.0412 0.2311 0.0783 0.0000 0.0000 0.0390 0.0000	23.2453 23.2453 23.2453 23.2453 23.2453 23.2453	0.0054 0.0018 0.0000 0.0000 0.0009 0.0000	0.1243 0.1243 0.1243 0.1243 0.1243 0.1243	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000
2016-07-14 22:30:00 2016-07-14 22:45:00 2016-07-14 23:00:00 2016-07-14 23:15:00 2016-07-14 23:30:00 2016-07-14 23:45:00	0.0412 0.2311 0.0783 0.0000 0.0000 0.0390	23.2453 23.2453 23.2453 23.2453 23.2453	0.0054 0.0018 0.0000 0.0000 0.0009	0.1243 0.1243 0.1243 0.1243 0.1243	0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-15 00:45:00	0.0231	23.2453	0.0005	0.1243	0.0000	0.0000	0.0000
2016-07-15 01:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-15 01:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-15 01:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-15 01:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-15 02:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-15 02:15:00	0.0888	23.2453	0.0021	0.1243	0.0000	0.0000	0.0000
2016-07-15 02:30:00	0.0553	23.2453	0.0013	0.1243	0.0000	0.0000	0.0000
2016-07-15 02:45:00	0.0611	23.2453	0.0014	0.1243	0.0000	0.0000	0.0000
2016-07-15 03:00:00	0.0194	23.2453	0.0005	0.1243	0.0000	0.0000	0.0000
2016-07-15 03:15:00	0.0217	23.2453	0.0005	0.1243	0.0000	0.0000	0.0000
2016-07-15 03:30:00	0.0387	23.2453	0.0009	0.1243	0.0000	0.0000	0.0000
2016-07-15 03:45:00	0.0782	23.2453	0.0018	0.1243	0.0000	0.0000	0.0000
2016-07-15 04:00:00	0.0637	23.2453	0.0015	0.1243	0.0000	0.0000	0.0000
2016-07-15 04:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-15 04:30:00	0.3102	23.2453	0.0072	0.1243	0.0000	0.0000	0.0000
2016-07-15 04:45:00	0.7131	23.2453	0.0166	0.1243	0.0001	0.0000	0.0000
2016-07-15 05:00:00	2.3537	23.2453	0.0547	0.1243	0.0003	0.0000	0.0000
2016-07-15 05:15:00	2.5769	23.2453	0.0599	0.1243	0.0003	0.0000	0.0000
2016-07-15 05:30:00	2.2891	23.2453	0.0532	0.1243	0.0003	0.0000	0.0000
2016-07-15 05:45:00	1.8802	23.2453	0.0437	0.1243	0.0002	0.0000	0.0000
2016-07-15 06:00:00	3.0961	23.2453	0.0720	0.1243	0.0004	0.0000	0.0000
2016-07-15 06:15:00	3.6546	23.2453	0.0850	0.1243	0.0005	0.0000	0.0000
2016-07-15 06:30:00	4.3292	23.2453	0.1006	0.1243	0.0005	0.0000	0.0000
2016-07-15 06:45:00	4.5279	23.2453	0.1053	0.1243	0.0006	0.0000	0.0000
2016-07-15 07:00:00	3.7399	23.2453	0.0869	0.1243	0.0005	0.0000	0.0000
2016-07-15 07:15:00	3.3252	23.2453	0.0773	0.1243	0.0004	0.0000	0.0000
2016-07-15 07:30:00	4.6514	23.2453	0.1081	0.1243	0.0006	0.0000	0.0000
2016-07-15 07:45:00	4.6418	23.2453	0.1079	0.1243	0.0006	0.0000	0.0000
2016-07-15 08:00:00	4.9426	23.2453	0.1149	0.1243	0.0006	0.0000	0.0000
2016-07-15 08:15:00	5.7823	23.2453	0.1344	0.1243	0.0007	0.0000	0.0000
2016-07-15 08:30:00	6.4776	23.2453	0.1506	0.1243	0.0008	0.0000	0.0000
2016-07-15 08:45:00	8.8901	23.2453	0.2067	0.1243	0.0011	0.0000	0.0000
2016-07-15 09:00:00	9.3832	23.2453	0.2181	0.1243	0.0012	0.0000	0.0000
2016-07-15 09:15:00	9.7478	23.2453	0.2266	0.1243	0.0012	0.0000	0.0000
2016-07-15 09:30:00	9.2022	23.2453	0.2139	0.1243	0.0011	0.0000	0.0000
2016-07-15 09:45:00	9.1320	23.2453	0.2123	0.1243	0.0011	0.0000	0.0000
2016-07-15 10:00:00	8.8780	23.2453	0.2064	0.1243	0.0011	0.0000	0.0000
2016-07-15 10:15:00	9.2248	23.2453	0.2144	0.1243	0.0011	0.0000	0.0000
2016-07-15 10:30:00	9.1454	23.2453	0.2126	0.1243	0.0011	0.0000	0.0000
2016-07-15 10:45:00	8.7715	23.2453	0.2039	0.1243	0.0011	0.0000	0.0000
2016-07-15 11:00:00	8.1338	23.2453	0.1891	0.1243	0.0010	0.0000	0.0000
2016-07-15 11:15:00	7.7770	23.2453	0.1808	0.1243	0.0010	0.0000	0.0000
2016-07-15 11:30:00	7.6796	23.2453	0.1785	0.1243	0.0010	0.0000	0.0000
2016-07-15 11:45:00	8.3346	23.2453	0.1937	0.1243	0.0010	0.0000	0.0000
2016-07-15 12:00:00	7.5965	23.2453	0.1766	0.1243	0.0009	0.0000	0.0000
2016-07-15 12:15:00	8.3970	23.2453	0.1952	0.1243	0.0010	0.0000	0.0000
2016-07-15 12:30:00	6.8909	23.2453	0.1602	0.1243	0.0009	0.0000	0.0000
2016-07-15 12:45:00	6.8572	23.2453	0.1594	0.1243	0.0009	0.0000	0.0000
2016-07-15 13:00:00	6.2967	23.2453	0.1464	0.1243	0.0008	0.0000	0.0000
2016-07-15 13:15:00	4.7325	23.2453	0.1100	0.1243	0.0006	0.0000	0.0000
2016-07-15 13:30:00	5.4833	23.2453	0.1275	0.1243	0.0007	0.0000	0.0000
2016-07-15 13:45:00	5.8034	23.2453	0.1349	0.1243	0.0007	0.0000	0.0000
2016-07-15 14:00:00	5.7298	23.2453	0.1332	0.1243	0.0007	0.0000	0.0000
2016-07-15 14:15:00	6.1696	23.2453	0.1434	0.1243	0.0008	0.0000	0.0000
2016-07-15 14:30:00	5.6557	23.2453	0.1315	0.1243	0.0007	0.0000	0.0000
2016-07-15 14:45:00	6.0878	23.2453	0.1415	0.1243	0.0008	0.0000	0.0000
2016-07-15 15:00:00	4.6993	23.2453	0.1092	0.1243	0.0006	0.0000	0.0000
2016-07-15 15:15:00	5.5609	23.2453	0.1293	0.1243	0.0007	0.0000	0.0000
2016-07-15 15:30:00	6.4954	23.2453	0.1510	0.1243	0.0008	0.0000	0.0000
2016-07-15 15:45:00	6.0356	23.2453	0.1403	0.1243	0.0008	0.0000	0.0000
2016-07-15 16:00:00	4.7473	23.2453	0.1104	0.1243	0.0006	0.0000	0.0000
2016-07-15 16:15:00	5.3158	23.2453	0.1236	0.1243	0.0007	0.0000	0.0000
2016-07-15 16:30:00	4.3009	23.2453	0.1000	0.1243	0.0005	0.0000	0.0000
2016-07-15 16:45:00	4.6975	23.2453	0.1092	0.1243	0.0006	0.0000	0.0000
2016-07-15 17:00:00	4.4744	23.2453	0.1040	0.1243	0.0006	0.0000	0.0000
2016-07-15 17:15:00	3.8394	23.2453	0.0892	0.1243	0.0005	0.0000	0.0000
2016-07-15 17:30:00	5.0444	23.2453	0.1173	0.1243	0.0006	0.0000	0.0000
2016-07-15 17:45:00	5.3656	23.2453	0.1247	0.1243	0.0007	0.0000	0.0000
2016-07-15 18:00:00	5.2501	23.2453	0.1220	0.1243	0.0007	0.0000	0.0000
2016-07-15 18:15:00	5.4391	23.2453	0.1264	0.1243	0.0007	0.0000	0.0000
2016-07-15 18:30:00	5.6451	23.2453	0.1312	0.1243	0.0007	0.0000	0.0000
2016-07-15 18:45:00	5.3258	23.2453	0.1238	0.1243	0.0007	0.0000	0.0000
2016-07-15 19:00:00	5.3400	23.2453	0.1241	0.1243	0.0007	0.0000	0.0000
2016-07-15 19:15:00	4.6388	23.2453	0.1078	0.1243	0.0006	0.0000	0.0000
,		-5.2.55		1 5.22.75			1 0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		l N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-15 19:30:00	4.9327	23.2453	0.1147	0.1243	0.0006	0.0000	0.0000
2016-07-15 19:45:00	5.8238	23.2453	0.1354	0.1243	0.0007	0.0000	0.0000
2016-07-15 20:00:00	5.6610	23.2453	0.1316	0.1243	0.0007	0.0000	0.0000
2016-07-15 20:15:00	4.4830	23.2453	0.1042	0.1243	0.0006	0.0000	0.0000
2016-07-15 20:30:00	3.9493	23.2453	0.0918	0.1243	0.0005	0.0000	0.0000
2016-07-15 20:45:00	3.7510	23.2453	0.0872	0.1243	0.0005	0.0000	0.0000
2016-07-15 21:00:00	4.3949	23.2453	0.1022	0.1243	0.0005	0.0000	0.0000
2016-07-15 21:15:00	5.9543	23.2453	0.1384	0.1243	0.0007	0.0000	0.0000
2016-07-15 21:30:00	6.2297	23.2453	0.1448	0.1243	0.0008	0.0000	0.0000
2016-07-15 21:45:00	3.0163	23.2453	0.0701	0.1243	0.0004	0.0000	0.0000
2016-07-15 22:00:00	0.0768	23.2453	0.0018	0.1243	0.0000	0.0000	0.0000
2016-07-15 22:15:00	0.0448	23.2453	0.0010	0.1243	0.0000	0.0000	0.0000
2016-07-15 22:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-15 22:45:00	0.0733	23.2453	0.0017	0.1243	0.0000	0.0000	0.0000
2016-07-15 23:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-15 23:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-15 23:30:00	0.0038	23.2453	0.0001	0.1243	0.0000	0.0000	0.0000
2016-07-15 23:45:00	0.0151	23.2453	0.0003	0.1243	0.0000	0.0000	0.0000
2016-07-16 00:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 00:15:00	0.0630	23.2453	0.0015	0.1243	0.0000	0.0000	0.0000
2016-07-16 00:30:00	0.1379	23.2453	0.0032	0.1243	0.0000	0.0000	0.0000
2016-07-16 00:45:00	0.0180	23.2453	0.0004	0.1243	0.0000	0.0000	0.0000
2016-07-16 01:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 01:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 01:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 01:45:00	0.0740	23.2453	0.0017	0.1243	0.0000	0.0000	0.0000
2016-07-16 02:00:00	0.4078	23.2453	0.0095	0.1243	0.0001	0.0000	0.0000
2016-07-16 02:15:00	1.4233	23.2453	0.0331	0.1243	0.0002	0.0000	0.0000
2016-07-16 02:30:00	2.0584	23.2453	0.0478	0.1243	0.0003	0.0000	0.0000
2016-07-16 02:45:00	1.4193	23.2453	0.0330	0.1243	0.0002	0.0000	0.0000
2016-07-16 03:00:00	2.4202	23.2453	0.0563	0.1243	0.0003	0.0000	0.0000
2016-07-16 03:15:00	3.5232	23.2453	0.0819	0.1243	0.0004	0.0000	0.0000
2016-07-16 03:30:00	4.0348	23.2453	0.0938	0.1243	0.0005	0.0000	0.0000
2016-07-16 03:45:00	4.4139	23.2453	0.1026	0.1243	0.0005	0.0000	0.0000
2016-07-16 04:00:00	2.3865	23.2453	0.0555	0.1243	0.0003	0.0000	0.0000
2016-07-16 04:15:00	2.2793	23.2453	0.0530	0.1243	0.0003	0.0000	0.0000
2016-07-16 04:30:00	3.1282	23.2453	0.0727	0.1243	0.0004	0.0000	0.0000
2016-07-16 04:45:00	4.7358	23.2453	0.1101	0.1243	0.0006	0.0000	0.0000
2016-07-16 05:00:00	5.8889	23.2453	0.1369	0.1243	0.0007	0.0000	0.0000
2016-07-16 05:15:00	6.6805	23.2453	0.1553	0.1243	0.0008	0.0000	0.0000
2016-07-16 05:30:00	7.7621	23.2453	0.1804	0.1243	0.0010	0.0000	0.0000
2016-07-16 05:45:00	7.1183	23.2453	0.1655	0.1243	0.0009	0.0000	0.0000
2016-07-16 06:00:00 2016-07-16 06:15:00	5.9640	23.2453	0.1386	0.1243	0.0007	0.0000	0.0000
2016-07-16 06:15:00	6.7008	23.2453	0.1558	0.1243	0.0008	0.0000	0.0000
	5.9050	23.2453	0.1373	0.1243	0.0007	0.0000	0.0000
2016-07-16 06:45:00 2016-07-16 07:00:00	6.0780	23.2453	0.1413	0.1243	0.0008	0.0000	0.0000
	4.7149	23.2453	0.1096	0.1243	0.0006	0.0000	0.0000
2016-07-16 07:15:00 2016-07-16 07:30:00	5.2993 4.8905	23.2453	0.1232 0.1137	0.1243 0.1243	0.0007 0.0006	0.0000 0.0000	0.0000 0.0000
2016-07-16 07:45:00	4.8905 2.6654	23.2453 23.2453	0.1137	0.1243	0.0006	0.0000	0.0000
2016-07-16 07:45:00	2.6654 1.5894	23.2453	0.0620	0.1243	0.0003	0.0000	0.0000
2016-07-16 08:00:00	1.5894 1.7117	23.2453	0.0369	0.1243	0.0002	0.0000	0.0000
2016-07-16 08:30:00	2.1184	23.2453	0.0492	0.1243	0.0002	0.0000	0.0000
2016-07-16 08:45:00	2.7988	23.2453	0.0492	0.1243	0.0003	0.0000	0.0000
2016-07-16 08:45:00	4.9778	23.2453	0.0651	0.1243	0.0003	0.0000	0.0000
2016-07-16 09:15:00	7.0844	23.2453	0.1137	0.1243	0.0009	0.0000	0.0000
2016-07-16 09:30:00	6.6172	23.2453	0.1538	0.1243	0.0009	0.0000	0.0000
2016-07-16 09:45:00	7.6349	23.2453	0.1338	0.1243	0.0008	0.0000	0.0000
2016-07-16 10:00:00	8.0963	23.2453	0.1773	0.1243	0.0010	0.0000	0.0000
2016-07-16 10:05:00	8.2628	23.2453	0.1882	0.1243	0.0010	0.0000	0.0000
2016-07-16 10:13:00	8.8919	23.2453	0.2067	0.1243	0.0010	0.0000	0.0000
2016-07-16 10:45:00	9.0255	23.2453	0.2098	0.1243	0.0011	0.0000	0.0000
2016-07-16 11:00:00	8.0253	23.2453	0.1866	0.1243	0.0011	0.0000	0.0000
2016-07-16 11:15:00	8.0317	23.2453	0.1867	0.1243	0.0010	0.0000	0.0000
2016-07-16 11:30:00	7.7724	23.2453	0.1807	0.1243	0.0010	0.0000	0.0000
2016-07-16 11:45:00	7.8142	23.2453	0.1816	0.1243	0.0010	0.0000	0.0000
2016-07-16 12:00:00	8.5024	23.2453	0.1976	0.1243	0.0011	0.0000	0.0000
2016-07-16 12:15:00	7.8573	23.2453	0.1826	0.1243	0.0011	0.0000	0.0000
2016-07-16 12:30:00	7.5695	23.2453	0.1760	0.1243	0.0009	0.0000	0.0000
2016-07-16 12:45:00	7.8948	23.2453	0.1835	0.1243	0.0010	0.0000	0.0000
2016-07-16 13:00:00	7.8728	23.2453	0.1830	0.1243	0.0010	0.0000	0.0000
2016-07-16 13:15:00	7.3455	23.2453	0.1707	0.1243	0.0009	0.0000	0.0000
2016-07-16 13:30:00	7.1949	23.2453	0.1672	0.1243	0.0009	0.0000	0.0000
2016-07-16 13:45:00	7.9435	23.2453	0.1846	0.1243	0.0010	0.0000	0.0000
2016-07-16 14:00:00	6.6461	23.2453	0.1545	0.1243	0.0008	0.0000	0.0000
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		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-16 14:15:00	6.5316	23.2453	0.1518	0.1243	0.0008	0.0000	0.0000
2016-07-16 14:30:00	4.4524	23.2453	0.1035	0.1243	0.0006	0.0000	0.0000
2016-07-16 14:45:00	4.4818	23.2453	0.1042	0.1243	0.0006	0.0000	0.0000
2016-07-16 15:00:00	5.3943	23.2453	0.1254	0.1243	0.0007	0.0000	0.0000
2016-07-16 15:15:00	4.7619	23.2453	0.1107	0.1243	0.0006	0.0000	0.0000
2016-07-16 15:30:00	3.4813	23.2453	0.0809	0.1243	0.0004	0.0000	0.0000
2016-07-16 15:45:00	3.4864	23.2453	0.0810	0.1243	0.0004	0.0000	0.0000
2016-07-16 16:00:00	3.0405	23.2453	0.0707	0.1243	0.0004	0.0000	0.0000
2016-07-16 16:15:00	3.4459	23.2453	0.0801	0.1243	0.0004	0.0000	0.0000
2016-07-16 16:30:00	1.7546	23.2453	0.0408	0.1243	0.0002	0.0000	0.0000
2016-07-16 16:45:00	2.3964	23.2453	0.0557	0.1243	0.0003	0.0000	0.0000
2016-07-16 17:00:00	2.1924	23.2453	0.0510	0.1243	0.0003	0.0000	0.0000
2016-07-16 17:15:00	1.6702	23.2453	0.0388	0.1243	0.0002	0.0000	0.0000
2016-07-16 17:30:00	0.8920	23.2453	0.0207	0.1243	0.0001	0.0000	0.0000
2016-07-16 17:45:00	1.1335	23.2453	0.0263	0.1243	0.0001	0.0000	0.0000
2016-07-16 18:00:00	3.2747	23.2453	0.0761	0.1243	0.0004	0.0000	0.0000
2016-07-16 18:15:00	4.5399	23.2453	0.1055	0.1243	0.0006	0.0000	0.0000
2016-07-16 18:30:00	3.3758	23.2453	0.0785	0.1243	0.0004	0.0000	0.0000
2016-07-16 18:45:00	0.8789	23.2453	0.0204	0.1243	0.0001	0.0000	0.0000
2016-07-16 19:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 19:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 19:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 19:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 20:00:00 2016-07-16 20:15:00	0.0000 0.0000	23.2453 23.2453	0.0000 0.0000	0.1243 0.1243	0.0000 0.0000	0.0000 0.0000	0.0000
2016-07-16 20:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 20:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 20:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 21:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 21:13:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 21:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 22:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 22:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 22:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 22:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 23:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 23:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 23:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-16 23:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 00:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 00:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 00:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 00:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 01:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 01:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 01:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 01:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 02:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 02:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 02:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 02:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 03:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 03:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 03:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 03:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 04:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 04:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 04:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 04:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 05:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 05:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 05:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 05:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 06:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 06:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 06:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 06:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 07:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 07:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 07:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 07:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
i l	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
2016-07-17 08:00:00	0.0000						
2016-07-17 08:00:00 2016-07-17 08:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000
			0.0000 0.0000	0.1243 0.1243	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

	Point Source Air Emissions - A2 Nitric Acid Stack								
Parameter	Volumetric Flow Rate		Ox	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2016-07-17 09:00:00	0.0191	23.2453	0.0004	0.1243	0.0000	0.0000	0.0000		
2016-07-17 09:15:00	0.1948	23.2453	0.0045	0.1243	0.0000	0.0000	0.0000		
2016-07-17 09:30:00	0.1896	23.2453	0.0044	0.1243	0.0000	0.0000	0.0000		
2016-07-17 09:45:00	0.7414	23.2453	0.0172	0.1243	0.0001	0.0000	0.0000		
2016-07-17 10:00:00	0.6131	23.2453	0.0143	0.1243	0.0001	0.0000	0.0000		
2016-07-17 10:15:00	4.2984	23.2453	0.0999	0.1243	0.0005	0.0000	0.0000		
2016-07-17 10:30:00	3.0168	23.2453	0.0701	0.1243	0.0004	0.0000	0.0000		
2016-07-17 10:45:00 2016-07-17 11:00:00	1.7662 4.6103	23.2453 23.2453	0.0411 0.1072	0.1243 0.1243	0.0002 0.0006	0.0000 0.0000	0.0000		
2016-07-17 11:00:00	3.2755	23.2453	0.1072	0.1243	0.0006	0.0000	0.0000		
2016-07-17 11:13:00	3.4503	23.2453	0.0802	0.1243	0.0004	0.0000	0.0000		
2016-07-17 11:35:00	2.5137	23.2453	0.0584	0.1243	0.0004	0.0000	0.0000		
2016-07-17 12:00:00	0.7503	23.2453	0.0174	0.1243	0.0003	0.0000	0.0000		
2016-07-17 12:00:00	0.9358	23.2453	0.0218	0.1243	0.0001	0.0000	0.0000		
2016-07-17 12:30:00	0.9136	23.2453	0.0210	0.1243	0.0001	0.0000	0.0000		
2016-07-17 12:45:00	0.7100	23.2453	0.0165	0.1243	0.0001	0.0000	0.0000		
2016-07-17 13:00:00	0.2559	23.2453	0.0059	0.1243	0.0000	0.0000	0.0000		
2016-07-17 13:15:00	0.2547	23.2453	0.0059	0.1243	0.0000	0.0000	0.0000		
2016-07-17 13:30:00	0.2236	23.2453	0.0052	0.1243	0.0000	0.0000	0.0000		
2016-07-17 13:45:00	0.4844	23.2453	0.0113	0.1243	0.0001	0.0000	0.0000		
2016-07-17 14:00:00	0.4317	23.2453	0.0100	0.1243	0.0001	0.0000	0.0000		
2016-07-17 14:15:00	0.0982	23.2453	0.0023	0.1243	0.0000	0.0000	0.0000		
2016-07-17 14:30:00	0.0196	23.2453	0.0005	0.1243	0.0000	0.0000	0.0000		
2016-07-17 14:45:00	0.0376	23.2453	0.0009	0.1243	0.0000	0.0000	0.0000		
2016-07-17 15:00:00	0.4368	23.2453	0.0102	0.1243	0.0001	0.0000	0.0000		
2016-07-17 15:15:00	0.2702	23.2453	0.0063	0.1243	0.0000	0.0000	0.0000		
2016-07-17 15:30:00	1.0403	23.2453	0.0242	0.1243	0.0001	0.0000	0.0000		
2016-07-17 15:45:00	1.0128	23.2453	0.0235	0.1243	0.0001	0.0000	0.0000		
2016-07-17 16:00:00	0.3220	23.2453	0.0075	0.1243	0.0000	0.0000	0.0000		
2016-07-17 16:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 16:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 16:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 17:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 17:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 17:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 17:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 18:00:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 18:15:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 18:30:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 18:45:00	0.0000	23.2453	0.0000	0.1243	0.0000	0.0000	0.0000		
2016-07-17 19:00:00	0.0000	23.2453	0.0000	0.2298	0.0000	0.0000	0.0000		
2016-07-17 19:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 19:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 19:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 20:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 20:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 20:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 20:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 21:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 21:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 21:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 21:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 22:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 22:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 22:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 22:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 23:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 23:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 23:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-17 23:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 00:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 00:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 00:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 00:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 01:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 01:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 01:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 01:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 02:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 02:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 02:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 02:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 03:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000		
2016-07-18 03:15:00	0.0000	23.2453	0.0000 0.0000	0.1559 0.1559	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000		
2016-07-18 03:30:00	0.0000	23.2453							

	Point Source Air Emissions - A2 Nitric Acid Stack							
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-07-18 03:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 04:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 04:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 04:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 04:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 05:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 05:15:00	0.0000	23.2453	0.0000 0.0000	0.1559 0.1559	0.0000	0.0000	0.0000	
2016-07-18 05:30:00 2016-07-18 05:45:00	0.0000 0.0000	23.2453 23.2453	0.0000	0.1559	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-07-18 05:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 06:05:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 06:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 06:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 07:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 07:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 07:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 07:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 08:00:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 08:15:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 08:30:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 08:45:00	0.0000	23.2453	0.0000	0.1559	0.0000	0.0000	0.0000	
2016-07-18 09:00:00	0.0000	23.2453	0.0000	0.1983	0.0000	0.0000	0.0000	
2016-07-18 09:15:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 09:30:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 09:45:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 10:00:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 10:15:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 10:30:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 10:45:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 11:00:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 11:15:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 11:30:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 11:45:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 12:00:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 12:15:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 12:30:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 12:45:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 13:00:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 13:15:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 13:30:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 13:45:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 14:00:00	0.0000	23.2453	0.0000	0.1284	0.0000	0.0000	0.0000	
2016-07-18 14:15:00	0.0000	23.2453	0.0000	0.1425	0.0000	0.0000	0.0000	
2016-07-18 14:30:00	0.0000	23.2453	0.0000	0.2431	0.0000	0.0000	0.0000	
2016-07-18 14:45:00	0.0000	23.2453	0.0000	0.2431	0.0000	0.0000	0.0000	
2016-07-18 15:00:00	0.0000	23.2453	0.0000	0.2431	0.0000	0.0000	0.0000	
2016-07-18 15:15:00	0.0000	23.2453	0.0000	0.2431	0.0000	0.0000	0.0000	
2016-07-18 15:30:00	0.0000	23.2453	0.0000	0.2431	0.0000	0.0000	0.0000	
2016-07-18 15:45:00	0.0000	23.2453	0.0000	0.2431	0.0000	0.0000	0.0000	
2016-07-18 16:00:00	0.0000	23.2453	0.0000	0.2431	0.0000	0.0000	0.0000	
2016-07-18 16:15:00	0.0000	23.2453	0.0000	0.2431	0.0000	0.0000	0.0000	
2016-07-18 16:30:00	0.0000	23.2453	0.0000	0.1752	0.0000	0.0000	0.0000	
2016-07-18 16:45:00	0.0000	23.2453	0.0000	0.1291	0.0000	0.0000	0.0000	
2016-07-18 17:00:00	0.0000	23.2453	0.0000	0.1291	0.0000	0.0000	0.0000	
2016-07-18 17:15:00	0.0000	23.2453	0.0000	0.1291	0.0000	0.0000	0.0000	
2016-07-18 17:30:00	0.0000	23.2453	0.0000	0.1291	0.0000	0.0000	0.0000	
2016-07-18 17:45:00	0.0188	23.2453	0.0004	0.1291	0.0000	0.0000	0.0000	
2016-07-18 18:00:00	1.3338	23.2453	0.0310	0.1291	0.0002	0.0000	0.0000	
2016-07-18 18:15:00	2.8870	23.2453	0.0671	0.1730	0.0005	0.0000	0.0000	
2016-07-18 18:30:00	2.8356	23.2453	0.0659	0.2417	0.0007	0.0000	0.0000	
2016-07-18 18:45:00	3.1408	23.2453	0.0730	0.2417	0.0008	0.0000	0.0000	
2016-07-18 19:00:00	2.7350	23.2453	0.0636	0.2417	0.0007	0.0000	0.0000	
2016-07-18 19:15:00	1.7488	23.2453	0.0407	0.2417	0.0004	0.0000	0.0000	
2016-07-18 19:30:00	0.1167	23.2453	0.0027	0.2417	0.0000	0.0000	0.0000	
2016-07-18 19:45:00	0.0000	23.2453	0.0000	0.2417	0.0000	0.0000	0.0000	
2016-07-18 20:00:00	0.3728	23.2453	0.0087	0.2417	0.0001	0.0000	0.0000	
2016-07-18 20:15:00	0.7494	23.2453	0.0174	0.2417	0.0002	0.0000	0.0000	
2016-07-18 20:30:00	2.7677	23.2453	0.0643	0.2417	0.0007	0.0000	0.0000	
2016-07-18 20:45:00	3.2834	23.2453	0.0763	0.2417	0.0008	0.0000	0.0000	
2016-07-18 21:00:00	1.2804	23.2453	0.0298	0.2417	0.0003	0.0000	0.0000	
2016-07-18 21:15:00	2.2886	23.2453	0.0532	0.2417	0.0006	0.0000	0.0000	
2016-07-18 21:30:00	3.1697	23.2453	0.0737	0.2417	0.0008	0.0000	0.0000	
2016-07-18 21:45:00	1.0911	23.2453	0.0254	0.2417	0.0003	0.0000	0.0000	
2016-07-18 22:00:00	0.4741	23.2453	0.0110	0.2417	0.0001	0.0000	0.0000	
2016-07-18 22:15:00	0.1698	23.2453	0.0039	0.2417	0.0000	0.0000	0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-18 22:30:00	0.0395	23.2453	0.0009	0.2417	0.0000	0.0000	0.0000
2016-07-18 22:45:00	0.0000	23.2453	0.0000	0.2417	0.0000	0.0000	0.0000
2016-07-18 23:00:00	0.0000	23.2453	0.0000	0.2417	0.0000	0.0000	0.0000
2016-07-18 23:15:00	0.0202	23.2453	0.0005	0.2417	0.0000	0.0000	0.0000
2016-07-18 23:30:00	0.1607	23.2453	0.0037	0.2417	0.0000	0.0000	0.0000
2016-07-18 23:45:00	0.0000	23.2453	0.0000	0.2417	0.0000	0.0000	0.0000
2016-07-19 00:00:00	0.0469	23.2453	0.0011 0.0006	0.2417	0.0000	0.0000	0.0000
2016-07-19 00:15:00 2016-07-19 00:30:00	0.0245 0.0000	23.2453 23.2453	0.0006	0.2417 0.2417	0.0000 0.0000	0.0000 0.0000	0.0000
2016-07-19 00:30:00				0.2417	0.0000	0.0000	0.0000
	0.0000	23.2453 23.2453	0.0000 0.0000	0.2417	0.0000	0.0000	0.0000
2016-07-19 01:00:00	0.0000 0.0000	23.2453	0.0000	0.2417	0.0000	0.0000	0.0000
2016-07-19 01:15:00 2016-07-19 01:30:00	0.0000	23.2453	0.0004	0.2417	0.0000	0.0000	0.0000
2016-07-19 01:30:00	0.0000	23.2453	0.0004	0.1397	0.0000	0.0000	0.0000
2016-07-19 01:43:00	0.0195	23.2453	0.0005	0.1291	0.0000	0.0000	0.0000
2016-07-19 02:05:00	0.1691	23.2453	0.0039	0.1291	0.0000	0.0000	0.0000
2016-07-19 02:15:00	1.6471	23.2453	0.0039	0.1291	0.0000	0.0000	0.0000
2016-07-19 02:45:00	3.8101	23.2453	0.0886	0.1291	0.0002	0.0000	0.0000
2016-07-19 03:00:00	4.4473	23.2453	0.1034	0.1291	0.0003	0.0000	0.0000
2016-07-19 03:15:00	3.7907	23.2453	0.0881	0.1291	0.0005	0.0000	0.0000
2016-07-19 03:30:00	3.0243	23.2453	0.0703	0.1291	0.0003	0.0000	0.0000
2016-07-19 03:30:00	3.0243	23.2453	0.0703	0.1291	0.0004	0.0000	0.0000
2016-07-19 04:00:00	4.4355	23.2453	0.1031	0.1291	0.0004	0.0000	0.0000
2016-07-19 04:15:00	3.2928	23.2453	0.0765	0.1291	0.0004	0.0000	0.0000
2016-07-19 04:30:00	4.3904	23.2453	0.1021	0.1291	0.0004	0.0000	0.0000
2016-07-19 04:45:00	5.9410	23.2453	0.1381	0.1291	0.0008	0.0000	0.0000
2016-07-19 05:00:00	4.2872	23.2453	0.0997	0.1291	0.0006	0.0000	0.0000
2016-07-19 05:15:00	3.9244	23.2453	0.0912	0.1291	0.0005	0.0000	0.0000
2016-07-19 05:30:00	2.7113	23.2453	0.0630	0.1291	0.0003	0.0000	0.0000
2016-07-19 05:45:00	0.7093	23.2453	0.0165	0.1291	0.0001	0.0000	0.0000
2016-07-19 06:00:00	0.3280	23.2453	0.0076	0.1291	0.0000	0.0000	0.0000
2016-07-19 06:15:00	0.1856	23.2453	0.0043	0.1291	0.0000	0.0000	0.0000
2016-07-19 06:30:00	0.2320	23.2453	0.0054	0.1291	0.0000	0.0000	0.0000
2016-07-19 06:45:00	0.1641	23.2453	0.0038	0.1291	0.0000	0.0000	0.0000
2016-07-19 07:00:00	0.7474	23.2453	0.0174	0.1291	0.0001	0.0000	0.0000
2016-07-19 07:15:00	0.3453	23.2453	0.0080	0.1291	0.0000	0.0000	0.0000
2016-07-19 07:30:00	0.3386	23.2453	0.0079	0.1291	0.0000	0.0000	0.0000
2016-07-19 07:45:00	0.4075	23.2453	0.0095	0.1291	0.0001	0.0000	0.0000
2016-07-19 08:00:00	0.0218	23.2453	0.0005	0.1291	0.0000	0.0000	0.0000
2016-07-19 08:15:00	0.0000	23.2453	0.0000	0.1291	0.0000	0.0000	0.0000
2016-07-19 08:30:00	0.0371	23.2453	0.0009	0.1291	0.0000	0.0000	0.0000
2016-07-19 08:45:00	0.0372	23.2453	0.0009	0.1291	0.0000	0.0000	0.0000
2016-07-19 09:00:00	0.0000	23.2453	0.0000	0.1291	0.0000	0.0000	0.0000
2016-07-19 09:15:00	0.0182	23.2453	0.0004	0.1291	0.0000	0.0000	0.0000
2016-07-19 09:30:00	0.0000	23.2453	0.0000	0.1291	0.0000	0.0000	0.0000
2016-07-19 09:45:00	0.0184	23.2453	0.0004	0.1291	0.0000	0.0000	0.0000
2016-07-19 10:00:00	0.0000	23.2453	0.0000	0.1291	0.0000	0.0000	0.0000
2016-07-19 10:15:00	0.0000	23.2453	0.0000	0.1291	0.0000	0.0000	0.0000
2016-07-19 10:30:00	0.2009	23.2453	0.0047	0.1291	0.0000	0.0000	0.0000
2016-07-19 10:45:00	0.1770	23.2453	0.0041	0.1291	0.0000	0.0000	0.0000
2016-07-19 11:00:00	0.0609	23.2453	0.0014	0.1291	0.0000	0.0000	0.0000
2016-07-19 11:15:00	0.0000	23.2453	0.0000	0.1291	0.0000	0.0000	0.0000
2016-07-19 11:30:00	0.0000	23.2453	0.0000	0.1992	0.0000	0.0000	0.0000
2016-07-19 11:45:00	0.0000	23.2453	0.0000	0.1140	0.0000	0.0000	0.0000
2016-07-19 12:00:00	0.0000	23.2453	0.0000	0.1140	0.0000	0.0000	0.0000
2016-07-19 12:15:00	0.0000	23.2453	0.0000	0.1140	0.0000	0.0000	0.0000
2016-07-19 12:30:00	0.0000	23.2453	0.0000	0.1140	0.0000	0.0000	0.0000
2016-07-19 12:45:00	0.0000	23.2453	0.0000	0.1140	0.0000	0.0000	0.0000
2016-07-19 13:00:00	0.0000	23.2453	0.0000	0.1140	0.0000	0.0000	0.0000
2016-07-19 13:15:00	0.0000	23.2453	0.0000	0.1140	0.0000	0.0000	0.0000
2016-07-19 13:30:00	0.0589	23.2453	0.0014	0.1140	0.0000	0.0000	0.0000
2016-07-19 13:45:00	0.0770	23.2453	0.0018	0.1140	0.0000	0.0000	0.0000
2016-07-19 14:00:00	0.0579	23.2453	0.0013	0.1140	0.0000	0.0000	0.0000
2016-07-19 14:15:00	0.0604	23.2453	0.0014	0.1140	0.0000	0.0000	0.0000
2016-07-19 14:30:00	0.0203	23.2453	0.0005	0.1140	0.0000	0.0000	0.0000
2016-07-19 14:45:00	0.0189	23.2453	0.0004	0.1140	0.0000	0.0000	0.0000
2016-07-19 15:00:00	0.0186	23.2453	0.0004	0.1140	0.0000	0.0000	0.0000
2016-07-19 15:15:00	0.0939	23.2453	0.0022	0.1140	0.0000	0.0000	0.0000
2016-07-19 15:30:00	0.1624	23.2453	0.0038	0.1140	0.0000	0.0000	0.0000
2016-07-19 15:45:00	0.0000	23.2453	0.0000	0.1140	0.0000	0.0000	0.0000
2016-07-19 16:00:00	0.0000	23.2453	0.0000	0.1140	0.0000	0.0000	0.0000
	0.0000		0.0000	0.1893	0.0000	0.0000	0.0000
2016-07-19 16:15:00	0.0000	23.2453					
2016-07-19 16:30:00	0.0000	23.2453	0.0000	0.2266	0.0000	0.0000	0.0000

	Point Source Air Emissions - A2 Nitric Acid Stack							
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-07-19 17:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-19 17:30:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-19 17:45:00	0.0000	23.2453	0.0000	0.1625	0.0000	0.0000	0.0000	
2016-07-19 18:00:00	0.0000	23.2453	0.0000	0.1222	0.0000	0.0000	0.0000	
2016-07-19 18:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-19 18:30:00	0.0000	23.2453	0.0000	0.1206	0.0000	0.0000	0.0000	
2016-07-19 18:45:00	0.0000	23.2453	0.0000	0.2204 0.2204	0.0000	0.0000	0.0000	
2016-07-19 19:00:00 2016-07-19 19:15:00	0.0000	23.2453	0.0000		0.0000	0.0000	0.0000	
	0.0000	23.2453	0.0000	0.2204 0.2204	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-07-19 19:30:00 2016-07-19 19:45:00	0.0000 0.2904	23.2453	0.0000 0.0068	0.2204	0.0000	0.0000	0.0000	
2016-07-19 19:43:00	0.2904	23.2453 23.2453	0.0018	0.2204	0.0001	0.0000	0.0000	
2016-07-19 20:00:00	0.0000	23.2453	0.0018	0.2204	0.0000	0.0000	0.0000	
2016-07-19 20:30:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-19 20:45:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-19 21:00:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-19 21:00:00	0.0000	23.2453	0.0004	0.2204	0.0000	0.0000	0.0000	
2016-07-19 21:30:00	0.0589	23.2453	0.0004	0.2204	0.0000	0.0000	0.0000	
2016-07-19 21:45:00	0.1373	23.2453	0.0014	0.2204	0.0000	0.0000	0.0000	
2016-07-19 22:00:00	0.0407	23.2453	0.0032	0.2204	0.0000	0.0000	0.0000	
2016-07-19 22:00:00	0.0407	23.2453	0.0009	0.2204	0.0000	0.0000	0.0000	
2016-07-19 22:15:00	0.0000	23.2453	0.0017	0.2204	0.0000	0.0000	0.0000	
2016-07-19 22:45:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-19 23:00:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-19 23:15:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-19 23:30:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-19 23:45:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 00:00:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 00:15:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 00:30:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 00:45:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 01:00:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 01:15:00	0.0929	23.2453	0.0022	0.2204	0.0000	0.0000	0.0000	
2016-07-20 01:30:00	0.0557	23.2453	0.0013	0.2204	0.0000	0.0000	0.0000	
2016-07-20 01:45:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 02:00:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 02:15:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 02:30:00	0.0376	23.2453	0.0009	0.2204	0.0000	0.0000	0.0000	
2016-07-20 02:45:00	0.5927	23.2453	0.0138	0.2204	0.0001	0.0000	0.0000	
2016-07-20 03:00:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 03:15:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 03:30:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 03:45:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 04:00:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 04:15:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 04:30:00	0.0000	23.2453	0.0000	0.1556	0.0000	0.0000	0.0000	
2016-07-20 04:45:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-20 05:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-20 05:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-20 05:30:00	0.0000	23.2453	0.0000	0.1317	0.0000	0.0000	0.0000	
2016-07-20 05:45:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 06:00:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 06:15:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 06:30:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 06:45:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 07:00:00	0.0000	23.2453	0.0000	0.2204	0.0000	0.0000	0.0000	
2016-07-20 07:15:00	0.0000	23.2453	0.0000	0.1501	0.0000	0.0000	0.0000	
2016-07-20 07:30:00	0.0000	23.2453	0.0000	0.1050	0.0000	0.0000	0.0000	
2016-07-20 07:45:00	0.0000	23.2453	0.0000	0.2177	0.0000	0.0000	0.0000	
2016-07-20 08:00:00	0.0000	23.2453	0.0000	0.2177	0.0000	0.0000	0.0000	
2016-07-20 08:15:00	0.0000	23.2453	0.0000	0.2177	0.0000	0.0000	0.0000	
2016-07-20 08:30:00	0.0000	23.2453	0.0000	0.2177	0.0000	0.0000	0.0000	
2016-07-20 08:45:00	0.0000	23.2453	0.0000	0.2177	0.0000	0.0000	0.0000	
2016-07-20 09:00:00	0.0000	23.2453	0.0000	0.2177	0.0000	0.0000	0.0000	
2016-07-20 09:15:00	0.0000	23.2453	0.0000	0.1868	0.0000	0.0000	0.0000	
2016-07-20 09:30:00	0.0000	23.2453	0.0000	0.1044	0.0000	0.0000	0.0000	
2016-07-20 09:45:00	0.0000	23.2453	0.0000	0.1044	0.0000	0.0000	0.0000	
2016-07-20 10:00:00	0.0000	23.2453	0.0000	0.1044	0.0000	0.0000	0.0000	
2016-07-20 10:15:00	0.0000	23.2453	0.0000	0.1044	0.0000	0.0000	0.0000	
2016-07-20 10:30:00	0.0000	23.2453	0.0000	0.1044	0.0000	0.0000	0.0000	
2016-07-20 10:45:00	0.0000	23.2453	0.0000	0.1044	0.0000	0.0000	0.0000	
2016-07-20 11:00:00	0.0000	23.2453	0.0000	0.1044	0.0000	0.0000	0.0000	
2016-07-20 11:15:00	0.0000	23.2453	0.0000	0.1044	0.0000	0.0000	0.0000	
2016-07-20 11:30:00 2016-07-20 11:45:00	0.0000 0.0193	23.2453 23.2453	0.0000 0.0004	0.1044 0.1044	0.0000 0.0000	0.0000 0.0000	0.0000	

	Point Source Air Emissions - A2 Nitric Acid Stack							
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-07-20 12:00:00	0.0000	23.2453	0.0000	0.1044	0.0000	0.0000	0.0000	
2016-07-20 12:15:00	0.3264	23.2453	0.0076	0.1044	0.0000	0.0000	0.0000	
2016-07-20 12:30:00	0.5418	23.2453	0.0126	0.1044	0.0001	0.0000	0.0000	
2016-07-20 12:45:00	1.0512	23.2453	0.0244	0.1044	0.0001	0.0000	0.0000	
2016-07-20 13:00:00	0.5063	23.2453	0.0118	0.1044	0.0001	0.0000	0.0000	
2016-07-20 13:15:00	0.9421	23.2453	0.0219	0.1044	0.0001	0.0000	0.0000	
2016-07-20 13:30:00	0.4591	23.2453	0.0107	0.1044	0.0000	0.0000	0.0000	
2016-07-20 13:45:00	0.5664	23.2453	0.0132	0.1044	0.0001	0.0000	0.0000	
2016-07-20 14:00:00	0.2285	23.2453	0.0053	0.1044	0.0000	0.0000	0.0000	
2016-07-20 14:15:00	0.2761	23.2453	0.0064	0.1044	0.0000	0.0000	0.0000	
2016-07-20 14:30:00	0.3641	23.2453	0.0085	0.1044	0.0000	0.0000	0.0000	
2016-07-20 14:45:00	0.2621	23.2453	0.0061	0.1044	0.0000	0.0000	0.0000	
2016-07-20 15:00:00	0.2298	23.2453	0.0053	0.1044	0.0000	0.0000	0.0000	
2016-07-20 15:15:00	0.2970	23.2453	0.0069	0.1044	0.0000	0.0000	0.0000	
2016-07-20 15:30:00	0.3649	23.2453	0.0085	0.1044	0.0000	0.0000	0.0000	
2016-07-20 15:45:00	0.6077	23.2453	0.0141	0.1044	0.0001	0.0000	0.0000	
2016-07-20 16:00:00	0.7158	23.2453	0.0166	0.1044	0.0001	0.0000	0.0000	
2016-07-20 16:15:00	0.3772	23.2453	0.0088	0.1044	0.0000	0.0000	0.0000	
2016-07-20 16:30:00	0.4192	23.2453	0.0097	0.1044	0.0000	0.0000	0.0000	
2016-07-20 16:45:00	0.6710	23.2453	0.0156	0.1044	0.0001	0.0000	0.0000	
2016-07-20 17:00:00	1.3150	23.2453	0.0306	0.1044	0.0001	0.0000	0.0000	
2016-07-20 17:15:00	1.4673	23.2453	0.0341	0.1044	0.0002	0.0000	0.0000	
2016-07-20 17:30:00 2016-07-20 17:45:00	2.9315 4.0056	23.2453	0.0681 0.0931	0.1044 0.1044	0.0003 0.0004	0.0000 0.0000	0.0000 0.0000	
2016-07-20 17:45:00 2016-07-20 18:00:00	4.0056 3.7869	23.2453 23.2453	0.0931	0.1044	0.0004	0.0000	0.0000	
2016-07-20 18:00:00 2016-07-20 18:15:00	3.7869 1.4593	23.2453	0.0880	0.1044	0.0004	0.0000	0.0000	
2016-07-20 18:13:00	0.9637	23.2453	0.0339	0.1044	0.0002	0.0000	0.0000	
2016-07-20 18:30:00	1.6924	23.2453	0.0393	0.1044	0.0001	0.0000	0.0000	
2016-07-20 18:45:00	0.4048	23.2453	0.0393	0.1044	0.0002	0.0000	0.0000	
2016-07-20 19:00:00	0.4048	23.2453	0.0034	0.1044	0.0000	0.0000	0.0000	
2016-07-20 19:13:00	0.0370	23.2453	0.0027	0.1044	0.0000	0.0000	0.0000	
2016-07-20 19:45:00	0.0920	23.2453	0.0003	0.1044	0.0000	0.0000	0.0000	
2016-07-20 19:49:00	0.1111	23.2453	0.0021	0.1044	0.0000	0.0000	0.0000	
2016-07-20 20:15:00	0.4138	23.2453	0.0026	0.1044	0.0000	0.0000	0.0000	
2016-07-20 20:30:00	0.0180	23.2453	0.0004	0.1044	0.0000	0.0000	0.0000	
2016-07-20 20:45:00	0.3839	23.2453	0.0089	0.1044	0.0000	0.0000	0.0000	
2016-07-20 21:00:00	0.9650	23.2453	0.0224	0.1044	0.0001	0.0000	0.0000	
2016-07-20 21:15:00	0.1599	23.2453	0.0037	0.1044	0.0000	0.0000	0.0000	
2016-07-20 21:30:00	0.2274	23.2453	0.0053	0.1044	0.0000	0.0000	0.0000	
2016-07-20 21:45:00	0.7212	23.2453	0.0168	0.1906	0.0001	0.0000	0.0000	
2016-07-20 22:00:00	0.0000	23.2453	0.0000	0.2197	0.0000	0.0000	0.0000	
2016-07-20 22:15:00	0.6515	23.2453	0.0151	0.2197	0.0001	0.0000	0.0000	
2016-07-20 22:30:00	0.0189	23.2453	0.0004	0.2197	0.0000	0.0000	0.0000	
2016-07-20 22:45:00	0.0000	23.2453	0.0000	0.2197	0.0000	0.0000	0.0000	
2016-07-20 23:00:00	0.0000	23.2453	0.0000	0.2197	0.0000	0.0000	0.0000	
2016-07-20 23:15:00	2.2240	23.2453	0.0517	0.2197	0.0005	0.0000	0.0000	
2016-07-20 23:30:00	3.2672	23.2453	0.0759	0.2197	0.0007	0.0000	0.0000	
2016-07-20 23:45:00	0.1814	23.2453	0.0042	0.2197	0.0000	0.0000	0.0000	
2016-07-21 00:00:00	0.2980	23.2453	0.0069	0.2197	0.0001	0.0000	0.0000	
2016-07-21 00:15:00	0.0189	23.2453	0.0004	0.2197	0.0000	0.0000	0.0000	
2016-07-21 00:30:00	0.6500	23.2453	0.0151	0.2197	0.0001	0.0000	0.0000	
2016-07-21 00:45:00	1.6492	23.2453	0.0383	0.2197	0.0004	0.0000	0.0000	
2016-07-21 01:00:00	0.1915	23.2453	0.0045	0.2197	0.0000	0.0000	0.0000	
2016-07-21 01:15:00	1.9279	23.2453	0.0448	0.2197	0.0004	0.0000	0.0000	
2016-07-21 01:30:00	0.0620	23.2453	0.0014	0.1976	0.0000	0.0000	0.0000	
2016-07-21 01:45:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-21 02:00:00	0.0368	23.2453	0.0009	0.1071	0.0000	0.0000	0.0000	
2016-07-21 02:15:00	0.0610	23.2453	0.0014	0.1071	0.0000	0.0000	0.0000	
2016-07-21 02:30:00	0.8780	23.2453	0.0204	0.1071	0.0001	0.0000	0.0000	
2016-07-21 02:45:00	0.4867	23.2453	0.0113	0.1071	0.0001	0.0000	0.0000	
2016-07-21 03:00:00	0.3616	23.2453	0.0084	0.1071	0.0000	0.0000	0.0000	
2016-07-21 03:15:00	0.2637	23.2453	0.0061	0.1071	0.0000	0.0000	0.0000	
2016-07-21 03:30:00	0.3373	23.2453	0.0078	0.1071	0.0000	0.0000	0.0000	
2016-07-21 03:45:00	0.1246	23.2453	0.0029	0.1071	0.0000	0.0000	0.0000	
2016-07-21 04:00:00	0.0998	23.2453	0.0023	0.1071	0.0000	0.0000	0.0000	
2016-07-21 04:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-21 04:30:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-21 04:45:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-21 05:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-21 05:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-21 05:30:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-21 05:45:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
2016-07-21 06:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	
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2016-07-21 06:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-21 06:45:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 07:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 07:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 07:30:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 07:45:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 08:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 08:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 08:30:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 08:45:00	0.0767	23.2453	0.0018	0.1071	0.0000	0.0000	0.0000
2016-07-21 09:00:00	0.2045	23.2453	0.0048	0.1071	0.0000	0.0000	0.0000
2016-07-21 09:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 09:30:00	0.2182	23.2453	0.0051	0.1071	0.0000	0.0000	0.0000
2016-07-21 09:45:00	0.1414	23.2453	0.0033	0.1071	0.0000	0.0000	0.0000
2016-07-21 10:00:00	0.3298	23.2453	0.0077	0.1071	0.0000	0.0000	0.0000
2016-07-21 10:15:00	1.0564	23.2453	0.0246	0.1071	0.0001	0.0000	0.0000
2016-07-21 10:30:00	0.9913	23.2453	0.0230	0.1071	0.0001	0.0000	0.0000
2016-07-21 10:45:00	1.5593	23.2453	0.0362	0.1071	0.0002	0.0000	0.0000
2016-07-21 11:00:00	1.2315	23.2453	0.0286	0.1071	0.0001	0.0000	0.0000
2016-07-21 11:15:00	1.4849	23.2453	0.0345	0.1071	0.0002	0.0000	0.0000
2016-07-21 11:30:00	1.9460	23.2453	0.0452	0.1071	0.0002	0.0000	0.0000
2016-07-21 11:45:00	0.7569	23.2453	0.0176	0.1071	0.0001	0.0000	0.0000
2016-07-21 12:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 12:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 12:30:00	0.0229	23.2453	0.0005	0.1071	0.0000	0.0000	0.0000
2016-07-21 12:45:00	0.0784	23.2453	0.0018	0.1071	0.0000	0.0000	0.0000
2016-07-21 13:00:00	0.1237	23.2453	0.0029	0.1071	0.0000	0.0000	0.0000
2016-07-21 13:15:00	0.0200	23.2453	0.0005	0.1071	0.0000	0.0000	0.0000
2016-07-21 13:30:00	0.0183	23.2453	0.0004	0.1071	0.0000	0.0000	0.0000
2016-07-21 13:45:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 14:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 14:15:00	0.0483	23.2453	0.0011	0.1071	0.0000	0.0000	0.0000
2016-07-21 14:30:00	0.0614	23.2453	0.0014	0.1071	0.0000	0.0000	0.0000
2016-07-21 14:45:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 15:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 15:15:00	0.0179	23.2453	0.0004	0.1071	0.0000	0.0000	0.0000
2016-07-21 15:30:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 15:45:00	0.0429	23.2453	0.0010	0.1071	0.0000	0.0000	0.0000
2016-07-21 16:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 16:15:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 16:30:00	0.0398	23.2453	0.0009	0.1071	0.0000	0.0000	0.0000
2016-07-21 16:45:00	0.7988	23.2453	0.0186	0.1071	0.0001	0.0000	0.0000
2016-07-21 17:00:00	2.8455	23.2453	0.0661	0.1071	0.0003	0.0000	0.0000
2016-07-21 17:15:00	3.1833	23.2453	0.0740	0.1071	0.0003	0.0000	0.0000
2016-07-21 17:30:00	0.6607	23.2453	0.0154	0.1071	0.0001	0.0000	0.0000
2016-07-21 17:45:00	0.9565	23.2453	0.0222	0.1071	0.0001	0.0000	0.0000
2016-07-21 18:00:00	0.7541	23.2453	0.0175	0.1071	0.0001	0.0000	0.0000
2016-07-21 18:15:00	0.7493	23.2453	0.0174	0.1071	0.0001	0.0000	0.0000
2016-07-21 18:30:00	0.4246	23.2453	0.0099	0.1071	0.0000	0.0000	0.0000
2016-07-21 18:45:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 19:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-21 19:15:00	0.0427	23.2453	0.0010	0.1071	0.0000	0.0000	0.0000
2016-07-21 19:30:00	2.0749	23.2453	0.0482	0.1071	0.0002	0.0000	0.0000
2016-07-21 19:45:00	4.3164	23.2453	0.1003	0.1071	0.0005	0.0000	0.0000
2016-07-21 20:00:00	3.6828	23.2453	0.0856	0.1071	0.0004	0.0000	0.0000
2016-07-21 20:15:00	4.9404	23.2453	0.1148	0.1071	0.0005	0.0000	0.0000
2016-07-21 20:30:00	5.2437	23.2453	0.1219	0.1071	0.0006	0.0000	0.0000
2016-07-21 20:45:00	4.3076	23.2453	0.1001	0.1071	0.0005	0.0000	0.0000
2016-07-21 21:00:00	4.7264	23.2453	0.1099	0.1071	0.0005	0.0000	0.0000
2016-07-21 21:15:00	4.7240	23.2453	0.1098	0.1071	0.0005	0.0000	0.0000
2016-07-21 21:30:00	4.9691	23.2453	0.1155	0.1071	0.0005	0.0000	0.0000
2016-07-21 21:45:00	5.4719	23.2453	0.1272	0.1071	0.0006	0.0000	0.0000
2016-07-21 22:00:00	7.1717	23.2453	0.1667	0.1071	0.0008	0.0000	0.0000
2016-07-21 22:15:00	6.7553	23.2453	0.1570	0.1071	0.0007	0.0000	0.0000
2016-07-21 22:30:00	7.8314	23.2453	0.1820	0.1071	0.0008	0.0000	0.0000
2016-07-21 22:45:00	7.2618	23.2453	0.1688	0.1071	0.0008	0.0000	0.0000
2016-07-21 23:00:00	6.6868	23.2453	0.1554	0.1071	0.0007	0.0000	0.0000
2016-07-21 23:15:00	6.3235	23.2453	0.1470	0.1071	0.0007	0.0000	0.0000
2016-07-21 23:30:00	6.3900	23.2453	0.1485	0.1071	0.0007	0.0000	0.0000
2016-07-21 23:45:00	5.1381	23.2453	0.1194	0.1071	0.0006	0.0000	0.0000
	3.7615	23.2453	0.0874	0.1071	0.0004	0.0000	0.0000
2016-07-22 00:00:00		22.2452	0.1078	0.1071	0.0005	0.0000	0.0000
2016-07-22 00:00:00 2016-07-22 00:15:00	4.6378	23.2453	0.2070				
	4.6378 4.9820	23.2453	0.1158	0.1071	0.0005	0.0000	0.0000
2016-07-22 00:15:00				0.1071 0.1071	0.0005 0.0006	0.0000 0.0000	0.0000 0.0000
2016-07-22 00:15:00 2016-07-22 00:30:00	4.9820	23.2453	0.1158				

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-22 01:30:00	0.4842	23.2453	0.0113	0.1071	0.0001	0.0000	0.0000
2016-07-22 01:45:00	0.0552	23.2453	0.0013	0.1071	0.0000	0.0000	0.0000
2016-07-22 02:00:00	0.0000	23.2453	0.0000	0.1071	0.0000	0.0000	0.0000
2016-07-22 02:15:00	0.0000	23.2453	0.0000	0.2145	0.0000	0.0000	0.0000
2016-07-22 02:30:00	0.0000	23.2453	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-22 02:45:00	0.0000	23.2453	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-22 03:00:00	0.0000	23.2453	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000
2016-07-22 03:15:00 2016-07-22 03:30:00	0.0000 0.0000	23.2453 23.2453	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-07-22 03:30:00			0.0000	0.0054	0.0000	0.0000	0.0000
2016-07-22 03:45:00	0.0000	23.2453 23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 04:00:00	0.0000 0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 04:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 04:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 04:43:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 05:15:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 05:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 05:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 06:00:00	0.1812	23.2453	0.0042	0.1126	0.0000	0.0000	0.0000
2016-07-22 06:05:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 06:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 06:45:00	0.0180	23.2453	0.0004	0.1126	0.0000	0.0000	0.0000
2016-07-22 07:00:00	0.0180	23.2453	0.0004	0.1126	0.0000	0.0000	0.0000
2016-07-22 07:00:00	0.0000	23.2453	0.0004	0.1126	0.0000	0.0000	0.0000
2016-07-22 07:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 07:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 08:00:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 08:15:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 08:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 08:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 09:00:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 09:15:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 09:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 09:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 10:00:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 10:15:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 10:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 10:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 11:00:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 11:15:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 11:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 11:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 12:00:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 12:15:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 12:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 12:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 13:00:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 13:15:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 13:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 13:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 14:00:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 14:15:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 14:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 14:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 15:00:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 15:15:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 15:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 15:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 16:00:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 16:15:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 16:30:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 16:45:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 17:00:00	0.0000	23.2453	0.0000	0.1126	0.0000	0.0000	0.0000
2016-07-22 17:15:00	0.0000	23.2453	0.0000	0.2563	0.0000	0.0000	0.0000
2016-07-22 17:30:00	0.0000	23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
2016-07-22 17:45:00	0.0000	23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
2016-07-22 18:00:00	0.0000	23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
2016-07-22 18:15:00	0.0000	23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
	0.0000	23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
2016-07-22 18:30:00		23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
2016-07-22 18:45:00	0.0000						
2016-07-22 18:45:00 2016-07-22 19:00:00	0.0000	23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
2016-07-22 18:45:00 2016-07-22 19:00:00 2016-07-22 19:15:00	0.0000 0.0000	23.2453 23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
2016-07-22 18:45:00 2016-07-22 19:00:00 2016-07-22 19:15:00 2016-07-22 19:30:00	0.0000 0.0000 0.0000	23.2453 23.2453 23.2453	0.0000 0.0000	0.1703 0.0859	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-22 18:45:00 2016-07-22 19:00:00 2016-07-22 19:15:00	0.0000 0.0000	23.2453 23.2453	0.0000	0.1703	0.0000	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-22 20:15:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-22 20:30:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-22 20:45:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-22 21:00:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-22 21:15:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-22 21:30:00	0.1858	23.2453	0.0043	0.0570	0.0000	0.0000	0.0000
2016-07-22 21:45:00	0.1129	23.2453	0.0026	0.0570	0.0000	0.0000	0.0000
2016-07-22 22:00:00	0.0600	23.2453	0.0014	0.0570	0.0000	0.0000	0.0000
2016-07-22 22:15:00	0.2090	23.2453	0.0049	0.0570	0.0000	0.0000	0.0000
2016-07-22 22:30:00	0.1775	23.2453	0.0041	0.0570	0.0000	0.0000	0.0000
2016-07-22 22:45:00	0.1987	23.2453	0.0046	0.0570	0.0000	0.0000	0.0000
2016-07-22 23:00:00	0.0859	23.2453	0.0020	0.0570	0.0000	0.0000	0.0000
2016-07-22 23:15:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-22 23:30:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-22 23:45:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 00:00:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 00:15:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 00:30:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 00:45:00	0.0190	23.2453	0.0004	0.0570	0.0000	0.0000	0.0000
2016-07-23 01:00:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 01:15:00	1.2841	23.2453 23.2453	0.0298	0.0570	0.0001	0.0000	0.0000
2016-07-23 01:30:00 2016-07-23 01:45:00	1.7564	23.2453	0.0408 0.0441	0.0570 0.0570	0.0001 0.0001	0.0000 0.0000	0.0000 0.0000
2016-07-23 01:45:00 2016-07-23 02:00:00	1.8984 1.6835	23.2453	0.0441	0.0570	0.0001	0.0000	0.0000
2016-07-23 02:00:00			0.0391	0.0570	0.0001	0.0000	0.0000
2016-07-23 02:15:00	3.3545 2.4268	23.2453 23.2453	0.0780	0.0570	0.0002	0.0000	0.0000
2016-07-23 02:45:00	2.9344	23.2453	0.0682	0.0570	0.0001	0.0000	0.0000
2016-07-23 02:43:00	4.6259	23.2453	0.1075	0.0570	0.0002	0.0000	0.0000
2016-07-23 03:00:00	4.2838	23.2453	0.0996	0.0570	0.0003	0.0000	0.0000
2016-07-23 03:30:00	3.8007	23.2453	0.0883	0.0570	0.0002	0.0000	0.0000
2016-07-23 03:45:00	2.5052	23.2453	0.0582	0.0570	0.0002	0.0000	0.0000
2016-07-23 04:00:00	1.6050	23.2453	0.0373	0.0570	0.0001	0.0000	0.0000
2016-07-23 04:15:00	0.4897	23.2453	0.0114	0.0570	0.0000	0.0000	0.0000
2016-07-23 04:30:00	0.1340	23.2453	0.0031	0.0570	0.0000	0.0000	0.0000
2016-07-23 04:45:00	0.3601	23.2453	0.0084	0.0570	0.0000	0.0000	0.0000
2016-07-23 05:00:00	0.2481	23.2453	0.0058	0.0570	0.0000	0.0000	0.0000
2016-07-23 05:15:00	0.2291	23.2453	0.0053	0.0570	0.0000	0.0000	0.0000
2016-07-23 05:30:00	1.0720	23.2453	0.0249	0.0570	0.0001	0.0000	0.0000
2016-07-23 05:45:00	1.4693	23.2453	0.0342	0.0570	0.0001	0.0000	0.0000
2016-07-23 06:00:00	1.3486	23.2453	0.0313	0.1349	0.0002	0.0000	0.0000
2016-07-23 06:15:00	0.9457	23.2453	0.0220	0.1703	0.0002	0.0000	0.0000
2016-07-23 06:30:00	0.0558	23.2453	0.0013	0.1703	0.0000	0.0000	0.0000
2016-07-23 06:45:00	0.0000	23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
2016-07-23 07:00:00	0.0000	23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
2016-07-23 07:15:00	0.0000	23.2453	0.0000	0.1703	0.0000	0.0000	0.0000
2016-07-23 07:30:00	0.0000	23.2453	0.0000	0.0861	0.0000	0.0000	0.0000
2016-07-23 07:45:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 08:00:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 08:15:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 08:30:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 08:45:00	0.0402	23.2453	0.0009	0.0570	0.0000	0.0000	0.0000
2016-07-23 09:00:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 09:15:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 09:30:00	0.0180	23.2453	0.0004	0.0570	0.0000	0.0000	0.0000
2016-07-23 09:45:00	0.2279	23.2453	0.0053	0.0570	0.0000	0.0000	0.0000
2016-07-23 10:00:00	0.3136	23.2453	0.0073	0.0570	0.0000	0.0000	0.0000
2016-07-23 10:15:00	0.4164	23.2453	0.0097	0.0570	0.0000	0.0000	0.0000
2016-07-23 10:30:00	0.0824	23.2453	0.0019	0.0570	0.0000	0.0000	0.0000
2016-07-23 10:45:00	0.0565	23.2453	0.0013	0.0570	0.0000	0.0000	0.0000
2016-07-23 11:00:00	0.3399	23.2453	0.0079	0.0570	0.0000	0.0000	0.0000
2016-07-23 11:15:00	0.2324	23.2453	0.0054	0.0570	0.0000	0.0000	0.0000
2016-07-23 11:30:00	0.0185	23.2453	0.0004	0.0570	0.0000	0.0000	0.0000
2016-07-23 11:45:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 12:00:00	0.1733	23.2453	0.0040	0.0570	0.0000	0.0000	0.0000
2016-07-23 12:15:00	0.0000	23.2453	0.0000	0.0570	0.0000	0.0000	0.0000
2016-07-23 12:30:00	0.0600	23.2453	0.0014	0.0570	0.0000	0.0000	0.0000
2016-07-23 12:45:00	0.0377	23.2453	0.0009	0.0570	0.0000	0.0000	0.0000
2016-07-23 13:00:00	0.0415	23.2453	0.0010	0.0570	0.0000	0.0000	0.0000
2016-07-23 13:15:00	0.0182	23.2453	0.0004	0.1696	0.0000	0.0000	0.0000
2016-07-23 13:30:00	0.0000	23.2453	0.0000	0.1751	0.0000	0.0000	0.0000
2016-07-23 13:45:00	0.0000	23.2453	0.0000	0.1751	0.0000	0.0000	0.0000
2016-07-23 14:00:00	0.0000	23.2453	0.0000	0.1751	0.0000	0.0000	0.0000
2016-07-23 14:15:00	0.0000	23.2453	0.0000	0.1751	0.0000	0.0000	0.0000
2016 07 22 14:20:00	0.0000	23.2453	0.0000	0.1751	0.0000	0.0000	0.0000
2016-07-23 14:30:00 2016-07-23 14:45:00	0.0000	23.2453	0.0000	0.1751	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-07-23 15:00:00	0.0000	23.2453	0.0000	0.1751	0.0000	0.0000	0.0000	
2016-07-23 15:15:00	0.0000	23.2453	0.0000	0.1751	0.0000	0.0000	0.0000	
2016-07-23 15:30:00	0.0000	23.2453	0.0000	0.1717	0.0000	0.0000	0.0000	
2016-07-23 15:45:00	0.0000	23.2453	0.0000	0.0618	0.0000	0.0000	0.0000	
2016-07-23 16:00:00	0.0000	23.2453	0.0000	0.0618	0.0000	0.0000	0.0000	
2016-07-23 16:15:00	0.0000	23.2453	0.0000	0.0618	0.0000	0.0000	0.0000	
2016-07-23 16:30:00	0.0000	23.2453	0.0000	0.0618	0.0000	0.0000	0.0000	
2016-07-23 16:45:00 2016-07-23 17:00:00	0.0000 0.0000	23.2453 23.2453	0.0000 0.0000	0.0618 0.0618	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-07-23 17:00:00			0.0000	0.0618	0.0000	0.0000	0.0000	
	0.0000	23.2453 23.2453	0.0000	0.0618	0.0000	0.0000	0.0000	
2016-07-23 17:30:00	0.0000				0.0000	0.0000	0.0000	
2016-07-23 17:45:00 2016-07-23 18:00:00	0.0000 0.0000	23.2453 23.2453	0.0000 0.0000	0.1133 0.1758	0.0000	0.0000	0.0000	
2016-07-23 18:00:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 18:30:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 18:45:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 18:43:00	0.5048	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 19:00:00	0.7937	23.2453	0.0117	0.1758	0.0001	0.0000	0.0000	
2016-07-23 19:30:00	0.7741	23.2453	0.0184	0.1758	0.0001	0.0000	0.0000	
2016-07-23 19:45:00	1.1499	23.2453	0.0180	0.1758	0.0001	0.0000	0.0000	
2016-07-23 20:00:00	1.0309	23.2453	0.0240	0.1758	0.0002	0.0000	0.0000	
2016-07-23 20:00:00	1.2359	23.2453	0.0240	0.1758	0.0002	0.0000	0.0000	
2016-07-23 20:30:00	0.0000	23.2453	0.0000	0.1758	0.0002	0.0000	0.0000	
2016-07-23 20:45:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 21:00:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 21:15:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 21:30:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 21:45:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 22:00:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 22:15:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 22:30:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 22:45:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 23:00:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 23:15:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 23:30:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-23 23:45:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 00:00:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 00:15:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 00:30:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 00:45:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 01:00:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 01:15:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 01:30:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 01:45:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 02:00:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 02:15:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 02:30:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 02:45:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 03:00:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 03:15:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 03:30:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 03:45:00	0.3052	23.2453	0.0071	0.1758	0.0001	0.0000	0.0000	
2016-07-24 04:00:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 04:15:00	0.0000	23.2453	0.0000	0.1758	0.0000	0.0000	0.0000	
2016-07-24 04:30:00	0.0378	23.2453	0.0009	0.1758	0.0000	0.0000	0.0000	
2016-07-24 04:45:00	0.2357	23.2453	0.0055	0.1758	0.0000	0.0000	0.0000	
2016-07-24 05:00:00	0.2016	23.2453	0.0047	0.1758	0.0000	0.0000	0.0000	
2016-07-24 05:15:00	0.1180	23.2453	0.0027	0.1758	0.0000	0.0000	0.0000	
2016-07-24 05:30:00	0.1384	23.2453	0.0032	0.1758	0.0000	0.0000	0.0000	
2016-07-24 05:45:00	1.8600	23.2453	0.0432	0.1758	0.0003	0.0000	0.0000	
2016-07-24 06:00:00	1.8576	23.2453	0.0432	0.1758	0.0003	0.0000	0.0000	
2016-07-24 06:15:00	0.4890	23.2453	0.0114	0.1758	0.0001	0.0000	0.0000	
2016-07-24 06:30:00	2.7859	23.2453	0.0648	0.1758	0.0005	0.0000	0.0000	
2016-07-24 06:45:00	5.2021	23.2453	0.1209	0.1758	0.0009	0.0000	0.0000	
2016-07-24 07:00:00	4.9904	23.2453	0.1160	0.1758	0.0009	0.0000	0.0000	
2016-07-24 07:15:00	4.4728	23.2453	0.1040	0.1758	0.0008	0.0000	0.0000	
2016-07-24 07:30:00	3.1724	23.2453	0.0737	0.1758	0.0006	0.0000	0.0000	
2016-07-24 07:45:00	1.9523	23.2453	0.0454	0.1758	0.0003	0.0000	0.0000	
2016-07-24 08:00:00	0.9575	23.2453	0.0223	0.1758	0.0002	0.0000	0.0000	
		22 2452	0.0517	0.1758	0.0004	0.0000	0.0000	
2016-07-24 08:15:00	2.2220	23.2453						
2016-07-24 08:15:00 2016-07-24 08:30:00	2.1953	23.2453	0.0510	0.1758	0.0004	0.0000	0.0000	
2016-07-24 08:15:00 2016-07-24 08:30:00 2016-07-24 08:45:00	2.1953 3.7813	23.2453 23.2453	0.0879	0.1758	0.0007	0.0000	0.0000	
2016-07-24 08:15:00 2016-07-24 08:30:00 2016-07-24 08:45:00 2016-07-24 09:00:00	2.1953 3.7813 2.9213	23.2453 23.2453 23.2453	0.0879 0.0679	0.1758 0.1758	0.0007 0.0005	0.0000 0.0000	0.0000 0.0000	
2016-07-24 08:15:00 2016-07-24 08:30:00 2016-07-24 08:45:00	2.1953 3.7813	23.2453 23.2453	0.0879	0.1758	0.0007	0.0000	0.0000	

	Point Source Air Emissions - A2 Nitric Acid Stack								
Parameter	Volumetric Flow Rate		Ox	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2016-07-24 09:45:00	5.1281	23.2453	0.1192	0.1758	0.0009	0.0000	0.0000		
2016-07-24 10:00:00	2.5488	23.2453	0.0592	0.1758	0.0004	0.0000	0.0000		
2016-07-24 10:15:00	4.0029	23.2453	0.0930	0.1758	0.0007	0.0000	0.0000		
2016-07-24 10:30:00	4.9734	23.2453	0.1156	0.1758	0.0009	0.0000	0.0000		
2016-07-24 10:45:00	5.3727	23.2453	0.1249	0.1758	0.0009	0.0000	0.0000		
2016-07-24 11:00:00	4.6709	23.2453	0.1086	0.1758	0.0008	0.0000	0.0000		
2016-07-24 11:15:00	3.9858	23.2453	0.0927	0.1758	0.0007	0.0000	0.0000		
2016-07-24 11:30:00	3.2999	23.2453	0.0767	0.1758	0.0006	0.0000	0.0000		
2016-07-24 11:45:00	2.6738	23.2453	0.0622	0.1758	0.0005	0.0000	0.0000		
2016-07-24 12:00:00	3.1330	23.2453	0.0728	0.1758	0.0006	0.0000	0.0000		
2016-07-24 12:15:00	3.8124	23.2453	0.0886	0.1758	0.0007	0.0000	0.0000		
2016-07-24 12:30:00	4.4885	23.2453	0.1043	0.1758	0.0008	0.0000	0.0000		
2016-07-24 12:45:00	4.1186	23.2453	0.0957	0.1758	0.0007	0.0000	0.0000		
2016-07-24 13:00:00	4.7917	23.2453	0.1114	0.1758	0.0008 0.0008	0.0000 0.0000	0.0000		
2016-07-24 13:15:00	4.7153	23.2453	0.1096	0.1758			0.0000		
2016-07-24 13:30:00	4.7679	23.2453	0.1108	0.1758	0.0008	0.0000	0.0000		
2016-07-24 13:45:00 2016-07-24 14:00:00	5.1269	23.2453	0.1192 0.0386	0.1758	0.0009 0.0003	0.0000 0.0000	0.0000		
	1.6619	23.2453	0.0386	0.1758 0.1758	0.0003	0.0000	0.0000		
2016-07-24 14:15:00	2.0379	23.2453				0.0000	0.0000		
2016-07-24 14:30:00	1.7029	23.2453	0.0396	0.1758	0.0003	0.0000			
2016-07-24 14:45:00 2016-07-24 15:00:00	1.1343 1.0853	23.2453 23.2453	0.0264 0.0252	0.1758 0.1758	0.0002 0.0002	0.0000	0.0000		
2016-07-24 15:00:00 2016-07-24 15:15:00	1.0853 1.9974	23.2453	0.0252	0.1758	0.0002	0.0000	0.0000		
2016-07-24 15:15:00	1.9974 0.9458	23.2453	0.0464	0.1758	0.0004	0.0000	0.0000		
2016-07-24 15:30:00	0.9458	23.2453	0.0220	0.1758	0.0002	0.0000	0.0000		
2016-07-24 15:45:00	0.4925	23.2453	0.0196	0.1758	0.0001	0.0000	0.0000		
2016-07-24 16:00:00	0.2497	23.2453	0.0114	0.1758	0.0001	0.0000	0.0000		
2016-07-24 16:30:00	0.0359	23.2453	0.0008	0.1758	0.0000	0.0000	0.0000		
2016-07-24 16:45:00	0.2517	23.2453	0.0059	0.1758	0.0000	0.0000	0.0000		
2016-07-24 17:00:00	0.7514	23.2453	0.0175	0.1758	0.0001	0.0000	0.0000		
2016-07-24 17:15:00	1.6312	23.2453	0.0379	0.1758	0.0003	0.0000	0.0000		
2016-07-24 17:30:00	0.8879	23.2453	0.0206	0.1758	0.0002	0.0000	0.0000		
2016-07-24 17:45:00	1.0168	23.2453	0.0236	0.1758	0.0002	0.0000	0.0000		
2016-07-24 18:00:00	0.2618	23.2453	0.0061	0.1758	0.0000	0.0000	0.0000		
2016-07-24 18:15:00	0.2484	23.2453	0.0058	0.1758	0.0000	0.0000	0.0000		
2016-07-24 18:30:00	1.1207	23.2453	0.0260	0.1758	0.0002	0.0000	0.0000		
2016-07-24 18:45:00	4.9755	23.2453	0.1157	0.1758	0.0009	0.0000	0.0000		
2016-07-24 19:00:00	7.4271	23.2453	0.1726	0.1758	0.0013	0.0000	0.0000		
2016-07-24 19:15:00	6.9530	23.2453	0.1616	0.1758	0.0012	0.0000	0.0000		
2016-07-24 19:30:00	6.6891	23.2453	0.1555	0.1758	0.0012	0.0000	0.0000		
2016-07-24 19:45:00	6.8146	23.2453	0.1584	0.1758	0.0012	0.0000	0.0000		
2016-07-24 20:00:00	5.9558	23.2453	0.1384	0.1758	0.0010	0.0000	0.0000		
2016-07-24 20:15:00	4.3576	23.2453	0.1013	0.1758	0.0008	0.0000	0.0000		
2016-07-24 20:30:00	0.1816	23.2453	0.0042	0.1758	0.0000	0.0000	0.0000		
2016-07-24 20:45:00	1.9584	23.2453	0.0455	0.1758	0.0003	0.0000	0.0000		
2016-07-24 21:00:00	3.1078	23.2453	0.0722	0.1758	0.0005	0.0000	0.0000		
2016-07-24 21:15:00	6.0853	23.2453	0.1415	0.1758	0.0011	0.0000	0.0000		
2016-07-24 21:30:00	6.5511	23.2453	0.1523	0.1758	0.0012	0.0000	0.0000		
2016-07-24 21:45:00	6.3373	23.2453	0.1473	0.1758	0.0011	0.0000	0.0000		
2016-07-24 22:00:00	6.8539	23.2453	0.1593	0.1758	0.0012	0.0000	0.0000		
2016-07-24 22:15:00	5.5027	23.2453	0.1279	0.1758	0.0010	0.0000	0.0000		
2016-07-24 22:30:00	3.8485	23.2453	0.0895	0.1758	0.0007	0.0000	0.0000		
2016-07-24 22:45:00	6.0511	23.2453	0.1407	0.1758	0.0011	0.0000	0.0000		
2016-07-24 23:00:00	5.2329	23.2453	0.1216	0.1758	0.0009	0.0000	0.0000		
2016-07-24 23:15:00	4.5026	23.2453	0.1047	0.1758	0.0008	0.0000	0.0000		
2016-07-24 23:30:00	7.3754	23.2453	0.1714	0.1758	0.0013	0.0000	0.0000		
2016-07-24 23:45:00	5.1188	23.2453	0.1190	0.1758	0.0009	0.0000	0.0000		
2016-07-25 00:00:00	1.9290	23.2453	0.0448	0.1758	0.0003	0.0000	0.0000		
2016-07-25 00:15:00	1.8499	23.2453	0.0430	0.1758	0.0003	0.0000	0.0000		
2016-07-25 00:30:00	0.6301	23.2453	0.0146	0.1758	0.0001	0.0000	0.0000		
2016-07-25 00:45:00	0.5581	23.2453	0.0130	0.1758	0.0001	0.0000	0.0000		
2016-07-25 01:00:00	1.7737	23.2453	0.0412	0.1758	0.0003	0.0000	0.0000		
2016-07-25 01:15:00	2.9607	23.2453	0.0688	0.1758	0.0005	0.0000	0.0000		
2016-07-25 01:30:00	3.0159	23.2453	0.0701	0.1758	0.0005	0.0000	0.0000		
2016-07-25 01:45:00	3.2029	23.2453	0.0745	0.1758	0.0006	0.0000	0.0000		
2016-07-25 02:00:00	2.6432	23.2453	0.0614	0.1758	0.0005	0.0000	0.0000		
2016-07-25 02:15:00	1.7974	23.2453	0.0418	0.1758	0.0003	0.0000	0.0000		
2016-07-25 02:30:00	1.0530	23.2453	0.0245	0.1758	0.0002	0.0000	0.0000		
2016-07-25 02:45:00	0.5124	23.2453	0.0119	0.1758	0.0001	0.0000	0.0000		
2016-07-25 03:00:00	0.9217	23.2453	0.0214	0.1758	0.0002	0.0000	0.0000		
2016-07-25 03:15:00	2.8064	23.2453	0.0652	0.1758	0.0005	0.0000	0.0000		
2016-07-25 03:30:00	2.5669	23.2453	0.0597	0.1758	0.0005	0.0000	0.0000		
2016-07-25 03:45:00	4.1516	23.2453	0.0965	0.1758	0.0007	0.0000	0.0000		
2016-07-25 04:00:00	3.5918 3.6032	23.2453	0.0835 0.0838	0.1758 0.1758	0.0006	0.0000	0.0000		

	Point Source Air Emissions - A2 Nitric Acid Stack								
Parameter	Volumetric Flow Rate		Ох	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2016-07-25 04:30:00	3.0177	23.2453	0.0701	0.1758	0.0005	0.0000	0.0000		
2016-07-25 04:45:00	2.5557	23.2453	0.0594	0.1758	0.0004	0.0000	0.0000		
2016-07-25 05:00:00	3.5300	23.2453	0.0821	0.1758	0.0006	0.0000	0.0000		
2016-07-25 05:15:00	1.1101	23.2453	0.0258	0.1758	0.0002	0.0000	0.0000		
2016-07-25 05:30:00	0.7650	23.2453	0.0178	0.1758	0.0001	0.0000	0.0000		
2016-07-25 05:45:00	2.6900	23.2453	0.0625	0.1758	0.0005	0.0000	0.0000		
2016-07-25 06:00:00	3.5888	23.2453	0.0834	0.1758	0.0006	0.0000	0.0000		
2016-07-25 06:15:00 2016-07-25 06:30:00	3.3152 3.4321	23.2453 23.2453	0.0771 0.0798	0.1758 0.1758	0.0006 0.0006	0.0000 0.0000	0.0000		
2016-07-25 06:30:00			0.0798		0.0006	0.0000	0.0000		
2016-07-25 06:45:00	3.3384	23.2453	0.0776	0.1758 0.1758	0.0006	0.0000	0.0000		
	3.7513	23.2453 23.2453	0.0872	0.1758	0.0007	0.0000	0.0000		
2016-07-25 07:15:00 2016-07-25 07:30:00	3.5612 1.6814	23.2453	0.0828	0.1758	0.0008	0.0000	0.0000		
2016-07-25 07:30:00	0.9154	23.2453	0.0391	0.1758	0.0003	0.0000	0.0000		
2016-07-25 08:00:00	1.4447	23.2453	0.0213	0.1758	0.0002	0.0000	0.0000		
2016-07-25 08:05:00	1.5405	23.2453	0.0358	0.1758	0.0003	0.0000	0.0000		
2016-07-25 08:30:00	2.1859	23.2453	0.0508	0.1758	0.0003	0.0000	0.0000		
2016-07-25 08:45:00	2.6240	23.2453	0.0610	0.1758	0.0004	0.0000	0.0000		
2016-07-25 09:00:00	2.4906	23.2453	0.0579	0.1758	0.0003	0.0000	0.0000		
2016-07-25 09:05:00	3.1822	23.2453	0.0740	0.1758	0.0004	0.0000	0.0000		
2016-07-25 09:15:00	2.0332	23.2453	0.0740	0.1758	0.0006	0.0000	0.0000		
2016-07-25 09:45:00	1.1029	23.2453	0.0256	0.1757	0.0004	0.0000	0.0000		
2016-07-25 10:00:00	1.1589	23.2453	0.0250	0.0618	0.0002	0.0000	0.0000		
2016-07-25 10:00:00	1.7230	23.2453	0.0401	0.0618	0.0001	0.0000	0.0000		
2016-07-25 10:30:00	1.1223	23.2453	0.0261	0.0618	0.0001	0.0000	0.0000		
2016-07-25 10:45:00	1.1562	23.2453	0.0269	0.0618	0.0001	0.0000	0.0000		
2016-07-25 11:00:00	1.3678	23.2453	0.0318	0.0618	0.0001	0.0000	0.0000		
2016-07-25 11:15:00	0.6417	23.2453	0.0149	0.2816	0.0002	0.0000	0.0000		
2016-07-25 11:30:00	2.5340	23.2453	0.0589	0.1353	0.0003	0.0000	0.0000		
2016-07-25 11:45:00	2.0690	23.2453	0.0481	0.1353	0.0003	0.0000	0.0000		
2016-07-25 12:00:00	1.3512	23.2453	0.0314	0.1353	0.0002	0.0000	0.0000		
2016-07-25 12:15:00	0.6223	23.2453	0.0145	0.1353	0.0001	0.0000	0.0000		
2016-07-25 12:30:00	0.8608	23.2453	0.0200	0.1353	0.0001	0.0000	0.0000		
2016-07-25 12:45:00	1.0384	23.2453	0.0241	0.1353	0.0001	0.0000	0.0000		
2016-07-25 13:00:00	0.7214	23.2453	0.0168	0.1353	0.0001	0.0000	0.0000		
2016-07-25 13:15:00	0.9019	23.2453	0.0210	0.1353	0.0001	0.0000	0.0000		
2016-07-25 13:30:00	1.6679	23.2453	0.0388	0.1353	0.0002	0.0000	0.0000		
2016-07-25 13:45:00	1.1562	23.2453	0.0269	0.1353	0.0002	0.0000	0.0000		
2016-07-25 14:00:00	1.2073	23.2453	0.0281	0.1353	0.0002	0.0000	0.0000		
2016-07-25 14:15:00	0.2150	23.2453	0.0050	0.1353	0.0000	0.0000	0.0000		
2016-07-25 14:30:00	0.1187	23.2453	0.0028	0.1353	0.0000	0.0000	0.0000		
2016-07-25 14:45:00	0.0563	23.2453	0.0013	0.1809	0.0000	0.0000	0.0000		
2016-07-25 15:00:00	0.6579	23.2453	0.0153	0.2479	0.0002	0.0000	0.0000		
2016-07-25 15:15:00	0.3752	23.2453	0.0087	0.2479	0.0001	0.0000	0.0000		
2016-07-25 15:30:00	0.3360	23.2453	0.0078	0.2479	0.0001	0.0000	0.0000		
2016-07-25 15:45:00	0.1784	23.2453	0.0041	0.2479	0.0000	0.0000	0.0000		
2016-07-25 16:00:00	0.3747	23.2453	0.0087	0.2479	0.0001	0.0000	0.0000		
2016-07-25 16:15:00	0.1714	23.2453	0.0040	0.2479	0.0000	0.0000	0.0000		
2016-07-25 16:30:00	0.1934	23.2453	0.0045	0.2479	0.0000	0.0000	0.0000		
2016-07-25 16:45:00	0.2487	23.2453	0.0058	0.2479	0.0001	0.0000	0.0000		
2016-07-25 17:00:00	0.0595	23.2453	0.0014	0.2479	0.0000	0.0000	0.0000		
2016-07-25 17:15:00	0.1683	23.2453	0.0039	0.2479	0.0000	0.0000	0.0000		
2016-07-25 17:30:00	0.5537	23.2453	0.0129	0.2479	0.0001	0.0000	0.0000		
2016-07-25 17:45:00	0.3943	23.2453	0.0092	0.2479	0.0001	0.0000	0.0000		
2016-07-25 18:00:00	0.0201	23.2453	0.0005	0.2479	0.0000	0.0000	0.0000		
2016-07-25 18:15:00	0.0000	23.2453	0.0000	0.2479	0.0000	0.0000	0.0000		
2016-07-25 18:30:00	0.0000	23.2453	0.0000	0.3599	0.0000	0.0000	0.0000		
2016-07-25 18:45:00	0.0000	23.2453	0.0000	0.3605	0.0000	0.0000	0.0000		
2016-07-25 19:00:00	0.0000	23.2453	0.0000	0.3605	0.0000	0.0000	0.0000		
2016-07-25 19:15:00	0.0000	23.2453	0.0000	0.3605	0.0000	0.0000	0.0000		
2016-07-25 19:30:00	0.0000	23.2453	0.0000	0.3605	0.0000	0.0000	0.0000		
2016-07-25 19:45:00	0.0000	23.2453	0.0000	0.3605	0.0000	0.0000	0.0000		
2016-07-25 20:00:00	0.0000	23.2453	0.0000	0.3410	0.0000	0.0000	0.0000		
2016-07-25 20:15:00	0.0216	23.2453	0.0005	0.2472	0.0000	0.0000	0.0000		
2016-07-25 20:30:00	0.0000	23.2453	0.0000	0.2472	0.0000	0.0000	0.0000		
2016-07-25 20:45:00	0.0000	23.2453	0.0000	0.2472	0.0000	0.0000	0.0000		
2016-07-25 21:00:00	0.0000	23.2453	0.0000	0.2472	0.0000	0.0000	0.0000		
2016-07-25 21:15:00	0.0000	23.2453	0.0000	0.2472	0.0000	0.0000	0.0000		
2016-07-25 21:30:00	0.0000	23.2453	0.0000	0.2472	0.0000	0.0000	0.0000		
2016-07-25 21:45:00	0.1377	23.2453	0.0032	0.2472	0.0000	0.0000	0.0000		
2016-07-25 22:00:00	0.0400	23.2453	0.0009	0.2472	0.0000	0.0000	0.0000		
2016-07-25 22:15:00	0.2604	23.2453	0.0061	0.2472	0.0001	0.0000	0.0000		
				0.2472	0.0000	0.0000	0.0000		
2016-07-25 22:30:00	0.0586	23.2453	0.0014	0.2472	0.0000	0.0000	0.0000		
2016-07-25 22:30:00 2016-07-25 22:45:00 2016-07-25 23:00:00	0.0586 0.1540 0.0000	23.2453 23.2453 23.2453	0.0014 0.0036 0.0000	0.2472 0.2472 0.2472	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	0.0000		

Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-25 23:15:00	0.0000	23.2453	0.0000	0.2472	0.0000	0.0000	0.0000
2016-07-25 23:30:00	0.0000	23.2453	0.0000	0.2472	0.0000	0.0000	0.0000
2016-07-25 23:45:00	0.0000	23.2453	0.0000	0.2472	0.0000	0.0000	0.0000
2016-07-26 00:00:00	0.0000 0.0000	10.1876 0.0000	0.0000 0.0000	0.2472 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-26 00:15:00 2016-07-26 00:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 00:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 00:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 01:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 01:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 01:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 02:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 02:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 02:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 03:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 03:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 03:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 03:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 04:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 04:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 04:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 04:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 05:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 05:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 05:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 05:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 06:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 06:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 06:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 06:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 07:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 07:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 07:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 07:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 08:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 08:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 08:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 08:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 09:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 09:15:00	0.0000	0.8163	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 09:30:00	0.0000	0.0652	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 09:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 10:00:00	0.0000	0.3930	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 10:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 10:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 10:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 11:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 11:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 11:30:00 2016-07-26 11:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 11:45:00 2016-07-26 12:00:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-26 12:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 12:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 12:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 12:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 13:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 13:13:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 13:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 14:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 14:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 14:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 14:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 15:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 15:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 15:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 15:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 16:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 16:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 16:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 16:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 17:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
-							
2016-07-26 17:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-26 17:15:00 2016-07-26 17:30:00	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-07-26 18:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 18:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 19:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 19:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 19:30:00	0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000	
2016-07-26 19:45:00 2016-07-26 20:00:00	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-07-26 20:00:00	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 20:30:00 2016-07-26 20:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 20:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 21:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 22:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 22:13:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 22:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 22:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 23:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 23:30:00	0.0000	1.0741	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-26 23:45:00	0.0000	2.2801	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 00:00:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 00:15:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 00:30:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 00:45:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 01:00:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 01:15:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 01:30:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 01:45:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 02:00:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 02:15:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 02:30:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 02:45:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 03:00:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 03:15:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 03:30:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 03:45:00	0.0000	1.7594	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 04:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 04:15:00	0.0000	1.7207	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 04:30:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 04:45:00	0.0000	1.8396	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 05:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 05:15:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 05:30:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 05:45:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 06:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 06:15:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 06:30:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 06:45:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 07:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 07:15:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 07:30:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 07:45:00	0.0000	1.9531	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 08:00:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 08:15:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 08:30:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 08:45:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 09:00:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 09:15:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 09:30:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 09:45:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 10:00:00	0.0000	2.7427	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 10:15:00	0.0000	2.6073	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 10:30:00	0.0000	3.7967	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 10:45:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000	
	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 11:00:00	0.0000				0.0000	0.0000	0.0000	
2016-07-27 11:00:00 2016-07-27 11:15:00	0.0000	3.8386	0.0000	0.0000		0.0000	0.0000	
2016-07-27 11:00:00		4.7782	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-07-27 11:00:00 2016-07-27 11:15:00 2016-07-27 11:30:00 2016-07-27 11:45:00	0.0000 0.0000 0.0000	4.7782 4.8094	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	
2016-07-27 11:00:00 2016-07-27 11:15:00 2016-07-27 11:30:00 2016-07-27 11:45:00 2016-07-27 12:00:00	0.0000 0.0000 0.0000 0.0000	4.7782 4.8094 4.8094	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	
2016-07-27 11:00:00 2016-07-27 11:15:00 2016-07-27 11:30:00 2016-07-27 11:45:00	0.0000 0.0000 0.0000	4.7782 4.8094	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	

Parameter Unit 2016-07-27 12:45:00 2016-07-27 13:00:00 2016-07-27 13:15:00	Volumetric Flow Rate m3/sec 0.0000		missions - A2 Nitric Ox g/s	NH3		N.	20
2016-07-27 12:45:00 2016-07-27 13:00:00 2016-07-27 13:15:00		mg/Nm3	als	/			
2016-07-27 13:00:00 2016-07-27 13:15:00	0.0000		_	mg/Nm3	g/s	ppmv	g/s
2016-07-27 13:15:00		4.8094	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	4.8094	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	4.8094	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 13:30:00 2016-07-27 13:45:00	0.0000 0.0000	4.8094 4.8094	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-27 13:45:00	0.0000	4.8094	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 14:05:00	0.0000	4.0279	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 14:13:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 14:45:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 15:00:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 15:15:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 15:30:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 15:45:00	0.0000	3.4400	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 16:00:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 16:15:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 16:30:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 16:45:00	0.0000	4.6707	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 17:00:00	0.0000	4.5611	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 17:15:00	0.0000	4.8312	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 17:30:00	0.0000	3.9254	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 17:45:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 18:00:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 18:15:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 18:30:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 18:45:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 19:00:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 19:15:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 19:30:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 19:45:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 20:00:00	0.0000	4.6437	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 20:15:00	0.0000	5.3504	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 20:30:00	0.0000	6.4394	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 20:45:00	0.0000	7.1506	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 21:00:00	0.0000	7.1706	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 21:15:00	0.0000	6.1006	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 21:30:00	0.0000	5.2925	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 21:45:00	0.0000	4.2469	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 22:00:00	0.0000	3.6950	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 22:15:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-27 22:30:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.6842	0.0000
2016-07-27 22:45:00	0.0000	2.2364	0.0000	0.0000	0.0000	1.6577	0.0000
2016-07-27 23:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	2.4146	0.0000
2016-07-27 23:15:00	0.0000	1.6031	0.0000	0.0000	0.0000	2.9887	0.0000
2016-07-27 23:30:00	0.0000	1.6031	0.0000	0.0000	0.0000	3.0675	0.0000
2016-07-27 23:45:00	0.0000	1.6031	0.0000	0.0000	0.0000	3.0238	0.0000
2016-07-28 00:00:00	0.0000	1.6980	0.0000	0.0000	0.0000	3.0228	0.0000
2016-07-28 00:15:00	0.0000	2.8055	0.0000	0.0000	0.0000	3.0212	0.0000
2016-07-28 00:30:00	0.0000	2.8055	0.0000	0.0000	0.0000	2.6494	0.0000
2016-07-28 00:45:00	0.0000	2.8055	0.0000	0.0000	0.0000	2.2119	0.0000
2016-07-28 01:00:00	0.0000	2.8055	0.0000	0.0000	0.0000	1.7746	0.0000
2016-07-28 01:15:00	0.0000	2.8055	0.0000	0.0000	0.0000	1.3086	0.0000
2016-07-28 01:30:00 2016-07-28 01:45:00	0.0000 0.0000	2.3366 1.6031	0.0000 0.0000	0.0000 0.0000	0.0000	0.8235 0.3503	0.0000 0.0000
2016-07-28 01:45:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.3503	0.0000
2016-07-28 02:00:00	0.0000	1.8316	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 02:30:00	0.0000	2.7788	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 02:30:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 03:00:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 03:00:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 03:13:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 03:36:00	0.0000	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 03:43:00	0.0000	2.6572	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 04:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 04:30:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 04:45:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 05:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 05:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 05:30:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 05:45:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-07-28 06:00:00	0.0000	1.6031	0.0000	0.0779	0.0000	0.0000	0.0000
2016-07-28 06:15:00	0.0000	1.6031	0.0000	0.0793	0.0000	0.0000	0.0000
2016-07-28 06:30:00	0.0000	1.6031	0.0000	0.0703	0.0000	0.0000	0.0000
2016-07-28 06:45:00	0.0000	1.6031	0.0000	0.0523	0.0000	0.0000	0.0000
	0.0000	1.6031	0.0000	0.0350	0.0000	0.0000	0.0000
2016-07-28 07:00:00							

Column			Point Source Air F	missions - A2 Nitric	Acid Stack			
2006-07-289-78-99-79-99-79-79-79-79-79-79-79-79-79-79-	Parameter	Volumetric Flow Rate					N:	20
2016-07-28 0-500	Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016 07 28 08 08 08 09 3.4070 1.4031 0.0855 0.0207 0.0000 0.0	2016-07-28 07:30:00	3.8023	1.6031	0.0061	0.0021	0.0000	0.0000	0.0000
2006-07-288-01-500 3-7-502 1-0-031 0-0009 0-0005 0-00000 0-00000 0-00000 0-00000 0-00000 0-00000 0-00000 0-00000		2.9261						
2015	2016-07-28 08:00:00	3.4070	1.6031	0.0055	0.0027	0.0000	0.0000	0.0000
2016-07-28 1-00-29 1	2016-07-28 08:15:00	3.7632	1.6031	0.0060	0.0146	0.0001	0.0000	0.0000
2006-07-28 090-000	2016-07-28 08:30:00	5.0059	1.6031	0.0080	0.0286	0.0001	0.0000	0.0000
2006-07-28 (19-1000 6.8531 1.6091 0.0110 0.0776 0.0005 0.0000 0.0000 2006-07-28 (19-10000 7.7894 1.6091 0.0112 0.0797 0.0000 0	2016-07-28 08:45:00	6.5310	1.6031	0.0105	0.0548	0.0004		
2016-07-28-03-00-00-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0		7.2995	1.6031	0.0117	0.0842			0.0000
2016-07-28 (1-96)-000		6.8551	1.6031	0.0110	0.0765	0.0005		
2006-07-28 191500 9-1400 1.0031 0.0132 0.0134 0.0030 0.0030 0.0030 2016-07-28 191500 9-1400 1.0031 0.0135 0.0134 0.0030 0.0030 0.0030 0.0030 2016-07-28 191500 9-1400 1.0031 0.0135 0.0135 0.0039 0.0030 0.00								
2006-07-28-9-15-500								
2016F728 103000 9.4180 1.6031 0.0151 0.1102 0.0009 0.0000 0.0000 2016F728 115000 8.4018 1.6031 0.0233 0.1957 0.0009 0.0000 0.0000 2016F728 115000 1.6086 1.6031 0.0233 0.1957 0.0009 0.0000 0.0000 2016F728 115000 1.6086 1.6031 0.0237 0.1985 0.0012 0.00000 0.00000 0.00000 0.00000 0.0000 0.0000								
2016-07-28-10-500 8-9022 1.6931 0.0143 0.1562 0.0009 0.0000								
2016-07-28 130:000 8.498								
2016-07-28 1.15:00								
2016-07-28 15:000 10:0880 1.6031 0.0171 0.1095 0.0012 0.0000 0.0000 2016-07-28 12:0000 11:0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 12:0000 11:0428 1.6031 0.0177 0.1085 0.0012 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0								
2016-07-28 11-15-00								
2016-07-28 12:5000								
2016-07-73-123-000								
2016-07-28 123-000								
2016-07-28 124-500 2016-07-28 1310-000 110-028 110-028 110-028 1-0011 110-028 1-0011 110-028 1-0011 110-028 1-0011 10-027 110-028 1-0011 10-028 10-07-07-08-08-08-08-08-08-08-08-08-08-08-08-08-								
2016-07-28 13-09:00 2016-07-2								
2016-07-28 1313-00 2016-07-28 1313-00 2016-07-28 1313-00 2016-07-28 1313-00 2016-07-28 1313-00 11 0428 1 10431 1 0.0117 1 0.1085 0 0.0012 0 0.0000 0 0.0000 2016-07-28 1345-00 11 0428 1 10431 1 0.0117 1 0.1085 0 0.0012 0 0.0000 0 0.0000 2016-07-28 14-15:00 11 0428 1 10431 1 0.0117 0 1.0085 0 0.0012 0 0.00000 0 0.0000 0 0.0000 0 0.0000 0 0.0000 0 0.0000 0 0.0000 0 0.00000 0 0.0000 0 0.00000 0 0.00000 0 0.00000 0 0.00000 0 0.00000 0 0.000000 0 0.00000000								
2016-07-28 13-90-00								
2016-07-28 13-46-200								
2016-07-28 14-00:00								
2016-07-28 14-15-00								
2016-07-28 14-08-00								
2016-07-28 154-5500								
2016-07-28 15:00:00								
2016-07-28 15-15-00								
2016-07-28 15-30:00								
2016-07-28 15-45-00								
2016-07-28 16:00:00								
2016-07-28 16:15:00								
2016-07-28 18:30:00								
2016-07-28 15:45:00								
2016-07-28 17:00:00								
2016-07-28 17:3500								
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2016-07-28 17:45:00								
2016-07-28 18:00:00								
2016-07-28 18:15:00								
2016-07-28 18:30:00								
2016-07-28 18:45:00								
2016-07-28 19:00:00								
2016-07-28 19:15:00								
2016-07-28 19:30:00								
2016-07-28 19:45:00								
2016-07-28 20:00:00								
2016-07-28 20:15:00								
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2016-07-28 20:45:00								
2016-07-28 21:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 21:15:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 21:45:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 22:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 22:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 22:30:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 22:30:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 23:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 23:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
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2016-07-28 21:45:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 22:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 22:15:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 22:30:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 23:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 23:30:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 23:30:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 23:30:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-29 00:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
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2016-07-28 23:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 23:15:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 23:30:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-28 00:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-29 00:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-29 00:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-29 00:05:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-29 00:30:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 2016-07-29 01:00:00 11.0428 1.6031 0.0177 0.1085 0.0012 0.0000 0.0000 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
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4 2010/07/27 02 00 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2016-07-29 02:00:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-29 02:15:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 02:30:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 02:45:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 03:00:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 03:15:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 03:30:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 03:45:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 04:00:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 04:15:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 04:30:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 04:45:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 05:00:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 05:15:00	11.0428	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 05:30:00	11.0428	1.6031	0.0177	0.1085	0.0012 0.0012	0.0000 0.0000	0.0000
2016-07-29 05:45:00	11.0428	1.6031	0.0177	0.1085 0.1085			0.0000
2016-07-29 06:00:00	11.0428	1.6031	0.0177		0.0012 0.0012	0.0000	0.0000
2016-07-29 06:15:00 2016-07-29 06:30:00	11.0428	1.6031	0.0177 0.0177	0.1085 0.1085	0.0012	0.0000 0.0000	0.0000
2016-07-29 06:30:00	11.0428	1.6031 1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
	11.0428			0.1085			
2016-07-29 07:00:00 2016-07-29 07:15:00	11.0428 11.0428	1.6031 1.6031	0.0177 0.0177	0.1085	0.0012 0.0012	0.0000 0.0000	0.0000
2016-07-29 07:15:00 2016-07-29 07:30:00	11.0428 2.8466	1.6031	0.0177	0.1085	0.0012	0.0000	0.0000
2016-07-29 07:30:00	0.0000	1.6031	0.0046	0.1498	0.0004	0.0000	0.0000
2016-07-29 07:45:00 2016-07-29 08:00:00	0.0000	1.6031	0.0000	0.1641	0.0000	0.0000	0.0000
2016-07-29 08:00:00	0.0000	1.6031	0.0000	0.0852	0.0000	0.0000	0.0000
2016-07-29 08:15:00	0.0000	1.6031	0.0000	0.0453	0.0000	0.0000	0.0000
2016-07-29 08:30:00	0.0000	1.6031	0.0000	0.0453	0.0000	0.0000	0.0000
2016-07-29 09:00:00	0.0000	1.6031	0.0000	0.0453	0.0000	0.0000	0.0000
2016-07-29 09:15:00	0.0000	1.6031	0.0000	0.0453	0.0000	0.0000	0.0000
2016-07-29 09:30:00	0.8941	1.6031	0.0014	0.0453	0.0000	0.0000	0.0000
2016-07-29 09:45:00	0.2534	1.6031	0.0004	0.0453	0.0000	0.0000	0.0000
2016-07-29 10:00:00	1.2369	1.6031	0.0020	0.0453	0.0001	0.0000	0.0000
2016-07-29 10:15:00	1.1733	1.6031	0.0019	0.0453	0.0001	0.0000	0.0000
2016-07-29 10:30:00	1.0064	1.6031	0.0016	0.0453	0.0000	0.0000	0.0000
2016-07-29 10:45:00	2.2913	1.6031	0.0037	0.0453	0.0001	0.0000	0.0000
2016-07-29 11:00:00	2.6127	1.6031	0.0042	0.0453	0.0001	0.0000	0.0000
2016-07-29 11:15:00	3.3824	1.6031	0.0054	0.0453	0.0002	0.0000	0.0000
2016-07-29 11:30:00	2.1382	1.6031	0.0034	0.0453	0.0001	0.0000	0.0000
2016-07-29 11:45:00	2.1023	1.6031	0.0034	0.0453	0.0001	0.0000	0.0000
2016-07-29 12:00:00	2.2337	1.6031	0.0036	0.0453	0.0001	0.0000	0.0000
2016-07-29 12:15:00	1.8508	1.6031	0.0030	0.0453	0.0001	0.0000	0.0000
2016-07-29 12:30:00	0.9645	1.6031	0.0015	0.0453	0.0000	0.0000	0.0000
2016-07-29 12:45:00	1.8741	1.6031	0.0030	0.0453	0.0001	0.0000	0.0000
2016-07-29 13:00:00	2.9656	1.6031	0.0048	0.0453	0.0001	0.0000	0.0000
2016-07-29 13:15:00	4.9756	1.6031	0.0080	0.0453	0.0002	0.0000	0.0000
2016-07-29 13:30:00	4.1930	1.6031	0.0067	0.0453	0.0002	0.0000	0.0000
2016-07-29 13:45:00	3.7456	1.6031	0.0060	0.0453	0.0002	0.0000	0.0000
2016-07-29 14:00:00	4.6885	1.6031	0.0075	0.0453	0.0002	0.0000	0.0000
2016-07-29 14:15:00	3.8465	1.6031	0.0062	0.0453	0.0002	0.0000	0.0000
2016-07-29 14:30:00	2.9211	1.6031	0.0047	0.0453	0.0001	0.0000	0.0000
2016-07-29 14:45:00	2.7806	1.6031	0.0045	0.0453	0.0001	0.0000	0.0000
2016-07-29 15:00:00	3.6758	1.6031	0.0059	0.0453	0.0002	0.0000	0.0000
2016-07-29 15:15:00	4.5245	1.6031	0.0073	0.0453	0.0002	0.0000	0.0000
2016-07-29 15:30:00	3.0466	1.6031	0.0049	0.0453	0.0001	0.0000	0.0000
2016-07-29 15:45:00	3.0807	1.6031	0.0049	0.0453	0.0001	0.0000	0.0000
2016-07-29 16:00:00	2.1541	1.6031	0.0035	0.0453	0.0001	0.0000	0.0000
2016-07-29 16:15:00	1.4548	1.6031	0.0023	0.0453	0.0001	0.0000	0.0000
2016-07-29 16:30:00	0.1165	1.6031	0.0002	0.0453	0.0000	0.0000	0.0000
2016-07-29 16:45:00	0.0394	1.6031	0.0001	0.0453	0.0000	0.0000	0.0000
2016-07-29 17:00:00	0.0000	1.6031	0.0000	0.0453	0.0000	0.0000	0.0000
2016-07-29 17:15:00	0.0000	1.6031	0.0000	0.0453	0.0000	0.0000	0.0000
2016-07-29 17:30:00	0.0000	1.6031	0.0000	0.0453	0.0000	0.0000	0.0000
2016-07-29 17:45:00	0.0000	1.6031	0.0000	0.0453	0.0000	0.0000	0.0000
2016-07-29 18:00:00	0.0000	1.6031	0.0000	0.1259	0.0000	0.0000	0.0000
2016-07-29 18:15:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000
2016-07-29 18:30:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000
2016-07-29 18:45:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000
2016-07-29 19:00:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000
2016-07-29 19:15:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000
2016-07-29 19:30:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000
2016-07-29 19:45:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000
2016-07-29 20:00:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000
					•		-
2016-07-29 20:15:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000
2016-07-29 20:15:00 2016-07-29 20:30:00	0.0000 0.0000	1.6031 1.6031	0.0000 0.0000	0.0481 0.0481	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	c Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-07-29 21:00:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000	
2016-07-29 21:15:00	0.0000	1.6031	0.0000	0.0481	0.0000	0.0000	0.0000	
2016-07-29 21:30:00	0.0000	1.6031	0.0000	0.0780	0.0000	0.0000	0.0000	
2016-07-29 21:45:00	0.0000	1.6031	0.0000	0.1620	0.0000	0.0000	0.0000	
2016-07-29 22:00:00	0.0000	1.6031	0.0000	0.1620	0.0000	0.0000	0.0000	
2016-07-29 22:15:00	0.0000	1.6031	0.0000	0.1620	0.0000	0.0000	0.0000	
2016-07-29 22:30:00 2016-07-29 22:45:00	0.0000	1.6031	0.0000	0.1620 0.1620	0.0000	0.0000	0.0000	
2016-07-29 22:45:00 2016-07-29 23:00:00	0.0000 0.0000	1.6031 1.6031	0.0000 0.0000	0.1620	0.0000	0.0000 0.0000	0.0000 0.0000	
2016-07-29 23:00:00			0.0000	0.1620	0.0000	0.0000	0.0000	
	0.0000	1.6031 1.6031	0.0000	0.4145	0.0000	0.0000	0.0000	
2016-07-29 23:30:00 2016-07-29 23:45:00	0.0000 0.0000	1.6031	0.0000	0.2141	0.0000	0.0000	0.0000	
2016-07-29 23:43:00	0.0000	1.6031	0.0000	0.2141	0.0000	0.0000	0.0000	
2016-07-30 00:00:00	0.0000	1.6031	0.0000	0.1744	0.0000	0.0000	0.0000	
2016-07-30 00:13:00	0.0000	1.6031	0.0000	0.1744	0.0000	0.0000	0.0000	
2016-07-30 00:35:00	0.0000	1.6031	0.0000	0.1744	0.0000	0.0000	0.0000	
2016-07-30 00:43:00	0.0000	1.6031	0.0000	0.0840	0.0000	0.0000	0.0000	
2016-07-30 01:00:00	0.0000	1.6031	0.0000	0.1778	0.0000	0.0000	0.0000	
2016-07-30 01:30:00	0.0000	1.6031	0.0000	0.1335	0.0000	0.0000	0.0000	
2016-07-30 01:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 02:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 02:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 02:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 02:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 03:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 03:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 03:30:00	0.0423	1.6031	0.0001	0.0639	0.0000	0.0000	0.0000	
2016-07-30 03:45:00	0.0182	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 04:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 04:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 04:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 04:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 05:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 05:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 05:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 05:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 06:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 06:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 06:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 06:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 07:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 07:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 07:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 07:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 08:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 08:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 08:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 08:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 09:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 09:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 09:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 09:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 10:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 10:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 10:30:00	0.0185	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 10:45:00	0.2608	1.6031	0.0004	0.0639	0.0000	0.0000	0.0000	
2016-07-30 11:00:00	0.9322	1.6031	0.0015	0.0639	0.0001	0.0000	0.0000	
2016-07-30 11:15:00	0.9703	1.6031	0.0016	0.0639	0.0001	0.0000	0.0000	
2016-07-30 11:30:00	0.5871	1.6031	0.0009	0.0639	0.0000	0.0000	0.0000	
2016-07-30 11:45:00	3.6890	1.6031	0.0059	0.0639	0.0002	0.0000	0.0000	
2016-07-30 12:00:00	3.3998	1.6031	0.0055	0.0639	0.0002	0.0000	0.0000	
2016-07-30 12:15:00	3.0424	1.6031	0.0049	0.0639	0.0002	0.0000	0.0000	
2016-07-30 12:30:00	3.6107	1.6031	0.0058	0.0639	0.0002	0.0000	0.0000	
2016-07-30 12:45:00	3.6087	1.6031	0.0058	0.0639	0.0002	0.0000	0.0000	
2016-07-30 13:00:00	2.2699	1.6031	0.0036	0.0639	0.0001	0.0000	0.0000	
2016-07-30 13:15:00	0.3750	1.6031	0.0006	0.0639	0.0000	0.0000	0.0000	
2016-07-30 13:30:00	0.4187	1.6031	0.0007	0.0639	0.0000	0.0000	0.0000	
2016-07-30 13:45:00	1.5003	1.6031	0.0024	0.0639	0.0001	0.0000	0.0000	
2016-07-30 14:00:00	1.3170	1.6031	0.0021	0.0639	0.0001	0.0000	0.0000	
2016-07-30 14:15:00	0.2288	1.6031	0.0004	0.0639	0.0000	0.0000	0.0000	
2016-07-30 14:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000	
2016-07-30 14:45:00	0.1728	1.6031	0.0003	0.0639	0.0000	0.0000	0.0000	
2016-07-30 15:00:00	0.1180	1.6031	0.0002	0.0639	0.0000	0.0000	0.0000	
2016-07-30 15:15:00	1.2640	1.6031	0.0020	0.0639	0.0001	0.0000	0.0000	
2016-07-30 15:30:00	1.7992	1.6031	0.0029	0.0639	0.0001	0.0000	0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-07-30 15:45:00	1.8141	1.6031	0.0029	0.0639	0.0001	0.0000	0.0000
2016-07-30 16:00:00	0.4980	1.6031	0.0008	0.0639	0.0000	0.0000	0.0000
2016-07-30 16:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 16:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 16:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 17:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 17:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 17:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 17:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 18:00:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 18:15:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 18:30:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 18:45:00	0.0000	1.6031	0.0000	0.0639	0.0000	0.0000	0.0000
2016-07-30 19:00:00	0.0000	1.6031	0.0000	0.1217	0.0000	0.0000	0.0000
2016-07-30 19:15:00	0.0000	1.6031	0.0000	0.1765	0.0000	0.0000	0.0000
2016-07-30 19:30:00	0.0000	1.6031	0.0000	0.1765	0.0000	0.0000	0.0000
2016-07-30 19:45:00	0.0000	1.6031	0.0000	0.1765	0.0000	0.0000	0.0000
2016-07-30 20:00:00	0.0000	1.6031	0.0000	0.1765	0.0000	0.0000	0.0000
2016-07-30 20:15:00	0.0000	1.6031	0.0000	0.1765	0.0000	0.0000	0.0000
2016-07-30 20:30:00	0.0000	1.6031	0.0000	0.1765	0.0000	0.0000	0.0000
2016-07-30 20:45:00 2016-07-30 21:00:00	0.0000	1.6031	0.0000	0.1765	0.0000	0.0000	0.0000
2016-07-30 21:00:00 2016-07-30 21:15:00	0.0000	1.6031 1.6031	0.0000 0.0000	0.5780 0.6758	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-07-30 21:15:00 2016-07-30 21:30:00	0.0000 0.0000	1.6031	0.0000	0.6758	0.0000	0.0000	0.0000
2016-07-30 21:45:00	0.0000	1.6031	0.0000	0.7783	0.0000	0.0000	0.0000
2016-07-30 22:00:00	0.0000	1.6031	0.0000	0.3680	0.0000	0.0000	0.0000
2016-07-30 22:15:00	0.0000	1.6031	0.0000	0.3390	0.0000	0.0000	0.0000
2016-07-30 22:30:00	0.0000	1.6031	0.0000	0.3624	0.0000	0.0000	0.0000
2016-07-30 22:45:00	0.2503	1.6031	0.0004	0.2444	0.0001	0.0000	0.0000
2016-07-30 22:43:00	2.0868	1.6031	0.0033	0.2444	0.0001	0.0000	0.0000
2016-07-30 23:15:00	0.8487	1.6031	0.0014	0.2444	0.0003	0.0000	0.0000
2016-07-30 23:30:00	0.0766	1.6031	0.0001	0.2444	0.0002	0.0000	0.0000
2016-07-30 23:45:00	0.0622	1.6031	0.0001	0.2444	0.0000	0.0000	0.0000
2016-07-31 00:00:00	0.0880	1.6031	0.0001	0.2444	0.0000	0.0000	0.0000
2016-07-31 00:15:00	0.0370	1.6031	0.0001	0.3213	0.0000	0.0000	0.0000
2016-07-31 00:30:00	0.0000	1.6031	0.0000	0.3133	0.0000	0.0000	0.0000
2016-07-31 00:45:00	0.0205	1.6031	0.0000	0.2914	0.0000	0.0000	0.0000
2016-07-31 01:00:00	0.5606	1.6031	0.0009	0.2744	0.0002	0.0000	0.0000
2016-07-31 01:15:00	1.6063	1.6031	0.0026	0.2424	0.0004	0.0000	0.0000
2016-07-31 01:30:00	2.7199	1.6031	0.0044	0.2424	0.0007	0.0000	0.0000
2016-07-31 01:45:00	2.3791	1.6031	0.0038	0.2225	0.0005	0.0000	0.0000
2016-07-31 02:00:00	2.0938	1.6031	0.0034	0.1277	0.0003	0.0000	0.0000
2016-07-31 02:15:00	3.3498	1.6031	0.0054	0.1277	0.0004	0.0000	0.0000
2016-07-31 02:30:00	2.0354	1.6031	0.0033	0.1277	0.0003	0.0000	0.0000
2016-07-31 02:45:00	1.0275	1.6031	0.0016	0.1277	0.0001	0.0000	0.0000
2016-07-31 03:00:00	0.1768	1.6031	0.0003	0.1277	0.0000	0.0000	0.0000
2016-07-31 03:15:00	1.2757	1.6031	0.0020	0.1277	0.0002	0.0000	0.0000
2016-07-31 03:30:00	3.8540	1.6031	0.0062	0.1277	0.0005	0.0000	0.0000
2016-07-31 03:45:00	2.0153	1.6031	0.0032	0.1277	0.0003	0.0000	0.0000
2016-07-31 04:00:00	0.0361	1.6031	0.0001	0.1277	0.0000	0.0000	0.0000
2016-07-31 04:15:00	0.0000	1.6031	0.0000	0.1277	0.0000	0.0000	0.0000
2016-07-31 04:30:00	0.0000	1.6031	0.0000	0.1277	0.0000	0.0000	0.0000
2016-07-31 04:45:00	0.3375	1.6031	0.0005	0.1277	0.0000	0.0000	0.0000
2016-07-31 05:00:00	0.5447	1.6031	0.0009	0.1277	0.0001	0.0000	0.0000
2016-07-31 05:15:00	0.6232	1.6031	0.0010	0.1277	0.0001	0.0000	0.0000
2016-07-31 05:30:00	0.5316	1.6031	0.0009	0.1277	0.0001	0.0000	0.0000
2016-07-31 05:45:00	0.0774	1.6031	0.0001	0.1277	0.0000	0.0000	0.0000
2016-07-31 06:00:00	0.0000	1.6031	0.0000	0.1277	0.0000	0.0000	0.0000
2016-07-31 06:15:00	0.0000	1.6031	0.0000	0.1277	0.0000	0.0000	0.0000
2016-07-31 06:30:00	0.0000	1.6031	0.0000	0.1277	0.0000	0.0000	0.0000
2016-07-31 06:45:00	0.0000	1.6031	0.0000	0.1277	0.0000	0.0000	0.0000
2016-07-31 07:00:00	0.0000	1.6031	0.0000	0.1277	0.0000	0.0000	0.0000
2016-07-31 07:15:00	0.0000	1.6031	0.0000	0.0226	0.0000	0.0000	0.0000
2016-07-31 07:30:00	0.0000	1.6031	0.0000	0.1149	0.0000	0.0000	0.0000
2016-07-31 07:45:00	0.0000	1.6031	0.0000	0.1257	0.0000	0.0000	0.0000
2016-07-31 08:00:00	0.0000	1.6031	0.0000	0.1257	0.0000	0.0000	0.0000
2016-07-31 08:15:00	0.0000	1.6031	0.0000	0.0537	0.0000	0.0000	0.0000
2016-07-31 08:30:00	0.0000	1.6031	0.0000	0.0130	0.0000	0.0000	0.0000
2016-07-31 08:45:00	0.0000	1.6031	0.0000	0.0130	0.0000	0.0000	0.0000
2016-07-31 09:00:00	0.0186	1.6031	0.0000	0.0906	0.0000	0.0000	0.0000
2016-07-31 09:15:00	0.2706	1.6031	0.0004	0.1257	0.0000	0.0000	0.0000
2016-07-31 09:30:00	1.0032	1.6031	0.0016	0.1257	0.0001	0.0000	0.0000
2016-07-31 09:45:00	0.5361	1.6031	0.0009	0.0418	0.0000	0.0000	0.0000
2016-07-31 10:00:00	0.2564	1.6031	0.0004	0.0130	0.0000	0.0000	0.0000
2016-07-31 10:05:00	1.3340	1.6031	0.0021	0.0130	0.0000	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-07-31 10:30:00	1.0168	1.6031	0.0016	0.0130	0.0000	0.0000	0.0000	
2016-07-31 10:45:00	0.7432	1.6031	0.0012	0.0130	0.0000	0.0000	0.0000	
2016-07-31 11:00:00	2.1357	1.6031	0.0034	0.0130	0.0000	0.0000	0.0000	
2016-07-31 11:15:00	0.5783	1.6031	0.0009	0.0130	0.0000	0.0000	0.0000	
2016-07-31 11:30:00	0.1033	1.6031	0.0002	0.1169	0.0000	0.0000	0.0000	
2016-07-31 11:45:00	0.0000	1.6031	0.0000	0.1554	0.0000	0.0000	0.0000	
2016-07-31 12:00:00	0.0000	1.6031	0.0000	0.2403	0.0000	0.0000	0.0000	
2016-07-31 12:15:00	0.0000	1.6031	0.0000	0.2403	0.0000	0.0000	0.0000	
2016-07-31 12:30:00	0.0747	1.6031	0.0001	0.2403	0.0000	0.0000	0.0000	
2016-07-31 12:45:00	0.4231	1.6031	0.0007	0.2403	0.0001	0.0000	0.0000	
2016-07-31 13:00:00	0.2646	1.6031	0.0004	0.2403	0.0001	0.0000	0.0000	
2016-07-31 13:15:00	0.3275	1.6031	0.0005	0.1652	0.0001	0.0000	0.0000	
2016-07-31 13:30:00	0.7630	1.6031	0.0012	0.1236	0.0001	0.0000	0.0000	
2016-07-31 13:45:00	0.8844	1.6031	0.0014 0.0017	0.1236	0.0001 0.0001	0.0000 0.0000	0.0000	
2016-07-31 14:00:00	1.0566	1.6031		0.1236			0.0000	
2016-07-31 14:15:00	0.6612	1.6031	0.0011	0.1236	0.0001	0.0000	0.0000	
2016-07-31 14:30:00	0.2638	1.6031	0.0004	0.1236	0.0000	0.0000	0.0000	
2016-07-31 14:45:00 2016-07-31 15:00:00	1.0439	1.6031 1.6031	0.0017 0.0011	0.2122 0.2369	0.0002 0.0002	0.0000 0.0000	0.0000	
	0.7164							
2016-07-31 15:15:00 2016-07-31 15:30:00	1.4586 1.7043	1.6031 1.6031	0.0023 0.0027	0.2149 0.1499	0.0003 0.0003	0.0000 0.0000	0.0000	
2016-07-31 15:30:00 2016-07-31 15:45:00	1.7043 1.1066	1.6031	0.0027	0.1499	0.0003	0.0000	0.0000	
2016-07-31 15:45:00	1.5095	1.6031	0.0018	0.2705	0.0003	0.0000	0.0000	
2016-07-31 16:00:00	1.5095	1.6031	0.0024	0.2815	0.0004	0.0000	0.0000	
2016-07-31 16:15:00	0.9054	1.6031	0.0023	0.2218	0.0003	0.0000	0.0000	
2016-07-31 16:30:00	0.9054	1.6031	0.0013	0.2596	0.0002	0.0000	0.0000	
2016-07-31 17:00:00	0.5095	1.6031	0.0001	0.2596	0.0002	0.0000	0.0000	
2016-07-31 17:00:00	0.8285	1.6031	0.0013	0.2596	0.0001	0.0000	0.0000	
2016-07-31 17:30:00	0.6186	1.6031	0.0013	0.2596	0.0002	0.0000	0.0000	
2016-07-31 17:45:00	1.5349	1.6031	0.0025	0.2596	0.0004	0.0000	0.0000	
2016-07-31 18:00:00	1.0742	1.6031	0.0017	0.2596	0.0003	0.0000	0.0000	
2016-07-31 18:15:00	0.9200	1.6031	0.0015	0.2596	0.0002	0.0000	0.0000	
2016-07-31 18:30:00	0.2706	1.6031	0.0004	0.2596	0.0001	0.0000	0.0000	
2016-07-31 18:45:00	0.1216	1.6031	0.0002	0.2596	0.0000	0.0000	0.0000	
2016-07-31 19:00:00	1.4957	1.6031	0.0024	0.2596	0.0004	0.0000	0.0000	
2016-07-31 19:15:00	0.4369	1.6031	0.0007	0.2596	0.0001	0.0000	0.0000	
2016-07-31 19:30:00	4.2681	1.6031	0.0068	0.0838	0.0004	0.0000	0.0000	
2016-07-31 19:45:00	5.8641	1.6031	0.0094	0.1024	0.0006	0.0000	0.0000	
2016-07-31 20:00:00	5.4622	1.6031	0.0088	0.1640	0.0009	0.0000	0.0000	
2016-07-31 20:15:00	5.4813	1.6031	0.0088	0.1806	0.0010	0.0000	0.0000	
2016-07-31 20:30:00	5.0437	1.6031	0.0081	0.1806	0.0009	0.0000	0.0000	
2016-07-31 20:45:00	6.1518	1.6031	0.0099	0.1806	0.0011	0.0000	0.0000	
2016-07-31 21:00:00	6.0299	1.6031	0.0097	0.1806	0.0011	0.0000	0.0000	
2016-07-31 21:15:00	5.3126	1.6031	0.0085	0.1806	0.0010	0.0000	0.0000	
2016-07-31 21:30:00	4.6464	12.9185	0.0600	0.1806	0.0008	0.0000	0.0000	
2016-07-31 21:45:00	5.9185	34.6676	0.2052	0.1806	0.0011	0.0000	0.0000	
2016-07-31 22:00:00	5.5564	34.6676	0.1926	0.1806	0.0010	0.0000	0.0000	
2016-07-31 22:15:00	5.7584	34.6676	0.1996	0.1806	0.0010	0.0000	0.0000	
2016-07-31 22:30:00	6.0520	34.6676	0.2098	0.1806	0.0011	0.0000	0.0000	
2016-07-31 22:45:00	6.1387	34.6676	0.2128	0.1806	0.0011	0.0000	0.0000	
2016-07-31 23:00:00	6.4471	34.6676	0.2235	0.1806	0.0012	0.0000	0.0000	
2016-07-31 23:15:00	6.9244	34.6676	0.2401	0.1806	0.0013	0.0000	0.0000	
2016-07-31 23:30:00	6.8491	34.6676	0.2374	0.1806	0.0012	0.0000	0.0000	
2016-07-31 23:45:00	6.2879	34.6676	0.2180	0.1806	0.0011	0.0000	0.0000	
2016-08-01 00:00:00	5.6604	34.6676	0.1962	0.1806	0.0010	0.0000	0.0000	
2016-08-01 00:15:00	5.1580	34.6676	0.1788	0.1806	0.0009	0.0000	0.0000	
2016-08-01 00:30:00	4.0764	7.1873	0.0293	0.1806	0.0007	0.0000	0.0000	
2016-08-01 00:45:00	4.3821	1.6031	0.0070	0.1806	0.0008	0.0000	0.0000	
2016-08-01 01:00:00	5.5490	1.6031	0.0089	0.1806	0.0010	0.0000	0.0000	
2016-08-01 01:15:00	7.0792	1.6031	0.0113	0.1806	0.0013	0.0000	0.0000	
2016-08-01 01:30:00	7.3225	1.6031	0.0117	0.1806	0.0013	0.0000	0.0000	
2016-08-01 01:45:00	7.6111	1.6031	0.0122	0.1806	0.0014	0.0000	0.0000	
2016-08-01 02:00:00	6.6393	1.6031	0.0106	0.1806	0.0012	0.0000	0.0000	
2016-08-01 02:15:00	6.9396	1.6031	0.0111	0.1806	0.0013	0.0000	0.0000	
2016-08-01 02:30:00	6.3089	1.6031	0.0101	0.1806	0.0011	0.0000	0.0000	
2016-08-01 02:45:00	6.6812	1.6031	0.0107	0.1806	0.0012	0.0000	0.0000	
2016-08-01 03:00:00	8.6780	1.6031	0.0139	0.1806	0.0016	0.0000	0.0000	
2016-08-01 03:15:00	9.8677	1.6031	0.0158	0.1806	0.0018	0.0000	0.0000	
2016-08-01 03:30:00	8.1034	1.6031	0.0130	0.1466	0.0012	0.0000	0.0000	
2016-08-01 03:45:00	7.2824	1.6031	0.0117	0.0659	0.0005	0.0000	0.0000	
2016-08-01 04:00:00	7.3581	1.6031	0.0118	0.0659	0.0005	0.0000	0.0000	
2016-08-01 04:15:00	7.7129	1.6031	0.0124	0.0659	0.0005	0.0000	0.0000	
	F 1410	1.6031	0.0082	0.0659	0.0003	0.0000	0.0000	
2016-08-01 04:30:00	5.1410							
2016-08-01 04:30:00 2016-08-01 04:45:00 2016-08-01 05:00:00	3.5424 3.8703	1.6031 1.6031	0.0057 0.0062	0.0659 0.0659	0.0002 0.0003	0.0000 0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-01 05:15:00	4.6276	1.6031	0.0074	0.0659	0.0003	0.0000	0.0000
2016-08-01 05:30:00	4.6058	1.6031	0.0074	0.0659	0.0003	0.0000	0.0000
2016-08-01 05:45:00	4.0158	1.6031	0.0064	0.0659	0.0003	0.0000	0.0000
2016-08-01 06:00:00	4.2679	1.6031	0.0068	0.0659	0.0003	0.0000	0.0000
2016-08-01 06:15:00	4.3374	1.6031	0.0070	0.0659	0.0003	0.0000	0.0000
2016-08-01 06:30:00	4.3616	1.6031	0.0070	0.0659	0.0003	0.0000	0.0000
2016-08-01 06:45:00	5.7541	1.6031	0.0092	0.0659	0.0004	0.0000	0.0000
2016-08-01 07:00:00	5.4311	1.6031	0.0087	0.0659	0.0004	0.0000	0.0000
2016-08-01 07:15:00	5.4317	1.6031	0.0087	0.0659	0.0004	0.0000	0.0000
2016-08-01 07:30:00	5.3238	1.6031	0.0085	0.0659	0.0004	0.0000	0.0000
2016-08-01 07:45:00	6.7093	1.6031	0.0108	0.0659	0.0004	0.0000	0.0000
2016-08-01 08:00:00	7.7982	1.6031	0.0125	0.0659	0.0005	0.0000	0.0000
2016-08-01 08:15:00	8.7763	1.6031	0.0141	0.0659	0.0006	0.0000	0.0000
2016-08-01 08:30:00	8.1616 9.0932	1.6031	0.0131	0.0659	0.0005	0.0000 0.0000	0.0000
2016-08-01 08:45:00		1.6031	0.0146	0.0659	0.0006		0.0000
2016-08-01 09:00:00	7.6294	1.6031	0.0122	0.0659	0.0005	0.0000	0.0000
2016-08-01 09:15:00	7.6438	1.6031	0.0123	0.0659	0.0005	0.0000	0.0000
2016-08-01 09:30:00	8.1337	1.6031 1.6031	0.0130 0.0145	0.0659 0.0659	0.0005 0.0006	0.0000 0.0000	0.0000
2016-08-01 09:45:00	9.0205						
2016-08-01 10:00:00 2016-08-01 10:15:00	10.4558 8.8119	1.6031 1.6031	0.0168 0.0141	0.0659 0.0659	0.0007 0.0006	0.0000 0.0000	0.0000
2016-08-01 10:15:00	9.6823	1.6031	0.0141	0.0659	0.0006	0.0000	0.0000
2016-08-01 10:30:00 2016-08-01 10:45:00	9.6823 8.6439	1.6031	0.0155	0.0659	0.0006	0.0000	0.0000
2016-08-01 10:45:00	8.8439 8.8611	1.6031	0.0139	0.0659	0.0006	0.0000	0.0000
2016-08-01 11:00:00	7.8947	1.6031	0.0142	0.0659	0.0006	0.0000	0.0000
2016-08-01 11:15:00	7.7662	1.6031	0.0127	0.0659	0.0005	0.0000	0.0000
2016-08-01 11:30:00	7.7758	1.6031	0.0125	0.0659	0.0005	0.0000	0.0000
2016-08-01 11:43:00	7.4936	1.6031	0.0120	0.0659	0.0005	0.0000	0.0000
2016-08-01 12:15:00	5.6259	1.6031	0.0090	0.0659	0.0003	0.0000	0.0000
2016-08-01 12:30:00	7.2643	1.6031	0.0116	0.0659	0.0005	0.0000	0.0000
2016-08-01 12:45:00	7.5413	1.6031	0.0110	0.0659	0.0005	0.0000	0.0000
2016-08-01 13:00:00	7.8413	1.6031	0.0126	0.0659	0.0005	0.0000	0.0000
2016-08-01 13:15:00	8.4741	1.6031	0.0136	0.0659	0.0006	0.0000	0.0000
2016-08-01 13:30:00	8.5894	1.6031	0.0138	0.0659	0.0006	0.0000	0.0000
2016-08-01 13:45:00	8.7953	1.6031	0.0141	0.0659	0.0006	0.0000	0.0000
2016-08-01 14:00:00	8.5910	1.6031	0.0138	0.0659	0.0006	0.0000	0.0000
2016-08-01 14:15:00	7.3227	1.6031	0.0117	0.0659	0.0005	0.0000	0.0000
2016-08-01 14:30:00	7.3418	1.6031	0.0118	0.0659	0.0005	0.0000	0.0000
2016-08-01 14:45:00	7.6247	1.6031	0.0122	0.0659	0.0005	0.0000	0.0000
2016-08-01 15:00:00	7.4020	1.6031	0.0119	0.0659	0.0005	0.0000	0.0000
2016-08-01 15:15:00	7.2645	1.6031	0.0116	0.0659	0.0005	0.0000	0.0000
2016-08-01 15:30:00	7.0351	1.6031	0.0113	0.0659	0.0005	0.0000	0.0000
2016-08-01 15:45:00	6.0497	1.6031	0.0097	0.0659	0.0004	0.0000	0.0000
2016-08-01 16:00:00	6.1656	1.6031	0.0099	0.0659	0.0004	0.0000	0.0000
2016-08-01 16:15:00	5.5266	1.6031	0.0089	0.0659	0.0004	0.0000	0.0000
2016-08-01 16:30:00	4.7897	1.6031	0.0077	0.0659	0.0003	0.0000	0.0000
2016-08-01 16:45:00	5.0200	1.6031	0.0080	0.0659	0.0003	0.0000	0.0000
2016-08-01 17:00:00	4.9934	1.6031	0.0080	0.0659	0.0003	0.0000	0.0000
2016-08-01 17:15:00	5.9166	1.6031	0.0095	0.0659	0.0004	0.0000	0.0000
2016-08-01 17:30:00	6.2583	1.6031	0.0100	0.0659	0.0004	0.0000	0.0000
2016-08-01 17:45:00	6.1073	1.6031	0.0098	0.0659	0.0004	0.0000	0.0000
2016-08-01 18:00:00	5.8561	1.6031	0.0094	0.0659	0.0004	0.0000	0.0000
2016-08-01 18:15:00	6.1595	1.6031	0.0099	0.0659	0.0004	0.0000	0.0000
2016-08-01 18:30:00	5.8818	1.6031	0.0094	0.0659	0.0004	0.0000	0.0000
2016-08-01 18:45:00	5.7839	1.6031	0.0093	0.0659	0.0004	0.0000	0.0000
2016-08-01 19:00:00	5.2400	1.6031	0.0084	0.0659	0.0003	0.0000	0.0000
2016-08-01 19:15:00	4.9904	1.6031	0.0080	0.0659	0.0003	0.0000	0.0000
2016-08-01 19:30:00	4.7746	1.6031	0.0077	0.0659	0.0003	0.0000	0.0000
2016-08-01 19:45:00	4.7695	1.6031	0.0076	0.0659	0.0003	0.0000	0.0000
2016-08-01 20:00:00	4.0741	1.6031	0.0065	0.0659	0.0003	0.0000	0.0000
2016-08-01 20:15:00	4.7850	1.6031	0.0077	0.0659	0.0003	0.0000	0.0000
2016-08-01 20:30:00	4.7434	1.6031	0.0076	0.0659	0.0003	0.0000	0.0000
2016-08-01 20:45:00	5.5327	1.6031	0.0089	0.0659	0.0004	0.0000	0.0000
2016-08-01 21:00:00	4.8857	1.6031	0.0078	0.0659	0.0003	0.0000	0.0000
2016-08-01 21:15:00	4.2650	1.6031	0.0068	0.0659	0.0003	0.0000	0.0000
2016-08-01 21:30:00	3.7591	1.6031	0.0060	0.0659	0.0002	0.0000	0.0000
2016-08-01 21:45:00	5.1930	1.6031	0.0083	0.0659	0.0003	0.0000	0.0000
2016-08-01 22:00:00	5.6978	1.6031	0.0091	0.0659	0.0004	0.0000	0.0000
	5.8399	1.6031	0.0094	0.0659	0.0004	0.0000	0.0000
2016-08-01 22:15:00		1.6031	0.0080	0.0659	0.0003	0.0000	0.0000
2016-08-01 22:15:00 2016-08-01 22:30:00	5.0016						
	5.0016 6.3066	1.6031	0.0101	0.0659	0.0004	0.0000	0.0000
2016-08-01 22:30:00 2016-08-01 22:45:00 2016-08-01 23:00:00	6.3066 6.2765	1.6031 1.6031	0.0101	0.0659	0.0004	0.0000	0.0000
2016-08-01 22:30:00 2016-08-01 22:45:00 2016-08-01 23:00:00 2016-08-01 23:15:00	6.3066 6.2765 6.5132	1.6031 1.6031 1.6031	0.0101 0.0104	0.0659 0.0659	0.0004 0.0004	0.0000 0.0000	0.0000 0.0000
2016-08-01 22:30:00 2016-08-01 22:45:00 2016-08-01 23:00:00	6.3066 6.2765	1.6031 1.6031	0.0101	0.0659	0.0004	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-08-02 00:00:00	6.7872	1.6031	0.0109	0.0659	0.0004	0.0000	0.0000	
2016-08-02 00:15:00	6.7032	1.6031	0.0107	0.0659	0.0004	0.0000	0.0000	
2016-08-02 00:30:00	7.2596	1.6031	0.0116	0.0659	0.0005	0.0000	0.0000	
2016-08-02 00:45:00	7.2342	1.6031	0.0116	0.0659	0.0005	0.0000	0.0000	
2016-08-02 01:00:00	7.0407	1.6031	0.0113	0.0659	0.0005	0.0000	0.0000	
2016-08-02 01:15:00	7.7400	1.6031	0.0124	0.0659	0.0005	0.0000	0.0000	
2016-08-02 01:30:00	7.5751	1.6031	0.0121	0.0659 0.0659	0.0005	0.0000	0.0000	
2016-08-02 01:45:00	8.0232 7.2436	1.6031 1.6031	0.0129 0.0116	0.0659	0.0005 0.0005	0.0000 0.0000	0.0000	
2016-08-02 02:00:00 2016-08-02 02:15:00	7.2436 7.6946			0.0659	0.0005	0.0000	0.0000	
2016-08-02 02:15:00		1.6031 1.6031	0.0123 0.0125	0.0659	0.0005	0.0000	0.0000	
2016-08-02 02:35:00	7.8028 7.5068	1.6031	0.0125	0.0659	0.0005	0.0000	0.0000	
2016-08-02 02:45:00	7.4041	1.6031	0.0120	0.0659	0.0005	0.0000	0.0000	
2016-08-02 03:00:00	7.4041	1.6031	0.0119	0.0659	0.0005	0.0000	0.0000	
2016-08-02 03:30:00	7.7198	1.6031	0.0113	0.0659	0.0005	0.0000	0.0000	
2016-08-02 03:45:00	7.4521	1.6031	0.0124	0.0659	0.0005	0.0000	0.0000	
2016-08-02 03:45:00	7.4521 8.0611	1.6031	0.0119	0.0659	0.0005	0.0000	0.0000	
2016-08-02 04:05:00	7.4904	1.6031	0.0129	0.0659	0.0005	0.0000	0.0000	
2016-08-02 04:30:00	8.0716	1.6031	0.0120	0.0659	0.0005	0.0000	0.0000	
2016-08-02 04:45:00	7.3589	1.6031	0.0129	0.0659	0.0005	0.0000	0.0000	
2016-08-02 04:45:00	7.3389	1.6031	0.0118	0.0659	0.0005	0.0000	0.0000	
2016-08-02 05:00:00	7.6510	1.6031	0.0113	0.0659	0.0005	0.0000	0.0000	
2016-08-02 05:30:00	7.1440	1.6031	0.0123	0.0659	0.0005	0.0000	0.0000	
2016-08-02 05:45:00	6.7719	1.6031	0.0119	0.0659	0.0003	0.0000	0.0000	
2016-08-02 06:00:00	6.5277	1.6031	0.0105	0.0659	0.0004	0.0000	0.0000	
2016-08-02 06:15:00	7.1456	1.6031	0.0115	0.0659	0.0005	0.0000	0.0000	
2016-08-02 06:30:00	7.5445	1.6031	0.0121	0.0659	0.0005	0.0000	0.0000	
2016-08-02 06:45:00	7.6073	1.6031	0.0122	0.0659	0.0005	0.0000	0.0000	
2016-08-02 07:00:00	7.6030	1.6031	0.0122	0.0659	0.0005	0.0000	0.0000	
2016-08-02 07:15:00	6.9789	1.6031	0.0112	0.0659	0.0005	0.0000	0.0000	
2016-08-02 07:30:00	7.0089	1.6031	0.0112	0.0659	0.0005	0.0000	0.0000	
2016-08-02 07:45:00	8.2216	1.6031	0.0132	0.0659	0.0005	0.0000	0.0000	
2016-08-02 08:00:00	8.0289	1.6031	0.0129	0.0659	0.0005	0.0000	0.0000	
2016-08-02 08:15:00	7.6666	1.6031	0.0123	0.0659	0.0005	0.0000	0.0000	
2016-08-02 08:30:00	7.5448	1.6031	0.0121	0.0659	0.0005	0.0000	0.0000	
2016-08-02 08:45:00	8.4235	1.6031	0.0135	0.0659	0.0006	0.0000	0.0000	
2016-08-02 09:00:00	7.8400	1.6031	0.0126	0.0659	0.0005	0.0000	0.0000	
2016-08-02 09:15:00	8.1878	1.6031	0.0131	0.0659	0.0005	0.0000	0.0000	
2016-08-02 09:30:00	8.3491	1.6031	0.0134	0.0659	0.0006	0.0000	0.0000	
2016-08-02 09:45:00	5.7133	1.6031	0.0092	0.0659	0.0004	0.0000	0.0000	
2016-08-02 10:00:00	7.2507	1.6031	0.0116	0.0659	0.0005	0.0000	0.0000	
2016-08-02 10:15:00	8.0335	1.6031	0.0129	0.0659	0.0005	0.0000	0.0000	
2016-08-02 10:30:00	7.5063	1.6031	0.0120	0.0659	0.0005	0.0000	0.0000	
2016-08-02 10:45:00	6.8966	1.6031	0.0111	0.0659	0.0005	0.0000	0.0000	
2016-08-02 11:00:00	6.0410	1.6031	0.0097	0.0659	0.0004	0.0000	0.0000	
2016-08-02 11:15:00	7.6834	1.6031	0.0123	0.0659	0.0005	0.0000	0.0000	
2016-08-02 11:30:00	7.9978	1.6031	0.0128	0.0659	0.0005	0.0000	0.0000	
2016-08-02 11:45:00	8.4166	1.6031	0.0135	0.0659	0.0006	0.0000	0.0000	
2016-08-02 12:00:00	8.2915	1.6031	0.0133	0.0659	0.0005	0.0000	0.0000	
2016-08-02 12:15:00	8.1597	1.6031	0.0131	0.0659	0.0005	0.0000	0.0000	
2016-08-02 12:30:00	7.9804	1.6031	0.0128	0.0659	0.0005	0.0000	0.0000	
2016-08-02 12:45:00	7.8785	1.6031	0.0126	0.0659	0.0005	0.0000	0.0000	
2016-08-02 13:00:00	7.4325	1.6031	0.0119	0.0659	0.0005	0.0000	0.0000	
2016-08-02 13:15:00	7.4660	1.6031	0.0120	0.0659	0.0005	0.0000	0.0000	
2016-08-02 13:30:00	7.7515	1.6031	0.0124	0.0659	0.0005	0.0000	0.0000	
2016-08-02 13:45:00	7.4049	1.6031	0.0119	0.0659	0.0005	0.0000	0.0000	
2016-08-02 14:00:00	6.6215	1.6031	0.0106	0.0659	0.0004	0.0000	0.0000	
2016-08-02 14:15:00	5.5496	1.6031	0.0089	0.0659	0.0004	0.0000	0.0000	
2016-08-02 14:30:00	4.1770	1.6031	0.0067	0.0659	0.0003	0.0000	0.0000	
2016-08-02 14:45:00	3.4153	1.6031	0.0055	0.0659	0.0002	0.0000	0.0000	
2016-08-02 15:00:00	4.5355	1.6031	0.0073	0.0659	0.0003	0.0000	0.0000	
2016-08-02 15:15:00	3.5423	1.6031	0.0057	0.0659	0.0002	0.0000	0.0000	
2016-08-02 15:30:00	3.6784	1.6031	0.0059	0.0659	0.0002	0.0000	0.0000	
2016-08-02 15:45:00	3.3171	1.6031	0.0053	0.0659	0.0002	0.0000	0.0000	
2016-08-02 16:00:00	3.4941	1.6031	0.0056	0.0659	0.0002	0.0000	0.0000	
2016-08-02 16:15:00	3.8493	1.6031	0.0062	0.0659	0.0003	0.0000	0.0000	
2016-08-02 16:30:00	2.6281	1.6031	0.0042	0.0659	0.0002	0.0000	0.0000	
2016-08-02 16:45:00	0.9577	1.6031	0.0015	0.0659	0.0001	0.0000	0.0000	
2016-08-02 17:00:00	1.2899	1.6031	0.0021	0.0659	0.0001	0.0000	0.0000	
	1.1498	1.6031	0.0018	0.0659	0.0001	0.0000	0.0000	
2016-08-02 17:15:00		1.6031	0.0016	0.0659	0.0001	0.0000	0.0000	
2016-08-02 17:30:00	0.9897							
2016-08-02 17:30:00 2016-08-02 17:45:00	0.0617	1.6031	0.0001	0.0659	0.0000	0.0000	0.0000	
2016-08-02 17:30:00 2016-08-02 17:45:00 2016-08-02 18:00:00	0.0617 0.0000	1.6031 1.6031	0.0001 0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 17:30:00 2016-08-02 17:45:00	0.0617	1.6031	0.0001					

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Оx	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-08-02 18:45:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 19:00:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 19:15:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 19:30:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 19:45:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 20:00:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 20:15:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 20:30:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 20:45:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 21:00:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 21:15:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 21:30:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 21:45:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000	0.0000	
2016-08-02 22:00:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000 0.0000	0.0000	
2016-08-02 22:15:00	0.0000	1.6031	0.0000	0.0659			0.0000	
2016-08-02 22:30:00	0.0000	1.6031	0.0000	0.0659	0.0000	0.0000 0.0000	0.0000	
2016-08-02 22:45:00 2016-08-02 23:00:00	0.0000	1.6031 1.6031	0.0000 0.0000	0.0949 0.1792	0.0000	0.0000	0.0000 0.0000	
	0.0000	1.6031	0.0000	0.1792	0.0000	0.0000	0.0000	
2016-08-02 23:15:00	0.0000							
2016-08-02 23:30:00 2016-08-02 23:45:00	0.0000	1.6031 1.6031	0.0000 0.0000	0.1044 0.0638	0.0000	0.0000 0.0000	0.0000 0.0000	
2016-08-02 23:45:00 2016-08-03 00:00:00	0.0000 0.0400	1.6031	0.0000	0.0638	0.0000	0.0000	0.0000	
2016-08-03 00:00:00	1.8634	1.6031	0.0001	0.1539	0.0001	0.0000	0.0000	
2016-08-03 00:15:00	3.8323	1.6031	0.0030	0.0597	0.0001	0.0000	0.0000	
2016-08-03 00:30:00	3.8323 4.6530	1.6031	0.0061	0.0597	0.0002	0.0000	0.0000	
2016-08-03 00:45:00	5.4993	1.6031	0.0073	0.0597	0.0003	0.0000	0.0000	
2016-08-03 01:00:00	4.6770	1.6031	0.0088	0.0597	0.0003	0.0000	0.0000	
2016-08-03 01:30:00	4.4366	1.6031	0.0071	0.0597	0.0003	0.0000	0.0000	
2016-08-03 01:45:00	2.3626	1.6031	0.0071	0.0597	0.0003	0.0000	0.0000	
2016-08-03 02:00:00	0.5028	1.6031	0.0008	0.0597	0.0000	0.0000	0.0000	
2016-08-03 02:15:00	2.0674	1.6031	0.0033	0.0597	0.0001	0.0000	0.0000	
2016-08-03 02:30:00	3.5321	1.6031	0.0057	0.0597	0.0002	0.0000	0.0000	
2016-08-03 02:45:00	3.1226	1.6031	0.0050	0.0597	0.0002	0.0000	0.0000	
2016-08-03 03:00:00	3.2638	1.6031	0.0052	0.0597	0.0002	0.0000	0.0000	
2016-08-03 03:15:00	3.6641	1.6031	0.0059	0.0597	0.0002	0.0000	0.0000	
2016-08-03 03:30:00	5.2128	1.6031	0.0084	0.0597	0.0003	0.0000	0.0000	
2016-08-03 03:45:00	6.0205	1.6031	0.0097	0.0597	0.0004	0.0000	0.0000	
2016-08-03 04:00:00	4.4080	1.6031	0.0071	0.0597	0.0003	0.0000	0.0000	
2016-08-03 04:15:00	2.4853	1.6031	0.0040	0.0597	0.0001	0.0000	0.0000	
2016-08-03 04:30:00	1.9670	1.6031	0.0032	0.0597	0.0001	0.0000	0.0000	
2016-08-03 04:45:00	2.1416	1.6031	0.0034	0.0597	0.0001	0.0000	0.0000	
2016-08-03 05:00:00	2.5834	1.6031	0.0041	0.0597	0.0002	0.0000	0.0000	
2016-08-03 05:15:00	2.6796	1.6031	0.0043	0.0597	0.0002	0.0000	0.0000	
2016-08-03 05:30:00	1.9396	1.6031	0.0031	0.0597	0.0001	0.0000	0.0000	
2016-08-03 05:45:00	2.2075	1.6031	0.0035	0.0597	0.0001	0.0000	0.0000	
2016-08-03 06:00:00	2.0233	1.6031	0.0032	0.0597	0.0001	0.0000	0.0000	
2016-08-03 06:15:00	2.0215	1.6031	0.0032	0.0597	0.0001	0.0000	0.0000	
2016-08-03 06:30:00	2.3950	1.6031	0.0038	0.0597	0.0001	0.0000	0.0000	
2016-08-03 06:45:00	2.2937	1.6031	0.0037	0.0597	0.0001	0.0000	0.0000	
2016-08-03 07:00:00	2.4210	1.6031	0.0039	0.0597	0.0001	0.0000	0.0000	
2016-08-03 07:15:00	2.6598	1.6031	0.0043	0.0597	0.0002	0.0000	0.0000	
2016-08-03 07:30:00	3.3964	1.6031	0.0054	0.0597	0.0002	0.0000	0.0000	
2016-08-03 07:45:00	2.6630	1.6031	0.0043	0.0597	0.0002	0.0000	0.0000	
2016-08-03 08:00:00	3.3823	1.6031	0.0054	0.0597	0.0002	0.0000	0.0000	
2016-08-03 08:15:00	3.8922	1.6031	0.0062	0.0597	0.0002	0.0000	0.0000	
2016-08-03 08:30:00	5.6683	1.6031	0.0091	0.1438	0.0008	0.0000	0.0000	
2016-08-03 08:45:00	6.1893	1.6031	0.0099	0.0000	0.0000	0.0000	0.0000	
2016-08-03 09:00:00	8.5797	1.6031	0.0138	0.1050	0.0009	0.0000	0.0000	
2016-08-03 09:15:00	8.6326	1.6031	0.0138	0.1160	0.0010	0.0000	0.0000	
2016-08-03 09:30:00	9.8019	1.6031	0.0157	0.1160	0.0011	0.0000	0.0000	
2016-08-03 09:45:00	9.5446	1.6031	0.0153	0.1160	0.0011	0.0000	0.0000	
2016-08-03 10:00:00	9.8368	1.6031	0.0158	0.1160	0.0011	0.0000	0.0000	
2016-08-03 10:15:00	9.2241	1.6031	0.0148	0.1160	0.0011	0.0000	0.0000	
2016-08-03 10:30:00	8.2595	1.6031	0.0132	0.1160	0.0010	0.0000	0.0000	
2016-08-03 10:45:00	8.3958	1.6031	0.0135	0.1160	0.0010	0.0000	0.0000	
2016-08-03 11:00:00	8.8160	1.6031	0.0141	0.1160	0.0010	0.0000	0.0000	
2016-08-03 11:15:00	8.4312	1.6031	0.0135	0.1160	0.0010	0.0000	0.0000	
2016-08-03 11:30:00	7.9414	1.6031	0.0127	0.1160	0.0009	0.0000	0.0000	
2016-08-03 11:45:00	7.7827	1.6031	0.0125	0.1160	0.0009	0.0000	0.0000	
2016-08-03 12:00:00	7.6082	1.6031	0.0122	0.1160	0.0009	0.0000	0.0000	
2016-08-03 12:15:00	7.7935	1.6031	0.0125	0.1160	0.0009	0.0000	0.0000	
2016-08-03 12:30:00	7.3044	1.6031	0.0117	0.1160	0.0008	0.0000	0.0000	
	6.5387	1.6031	0.0105	0.1160	0.0008	0.0000	0.0000	
2016-08-03 12:45:00	0.5587			******				
2016-08-03 12:45:00 2016-08-03 13:00:00	6.4284	1.6031 1.6031	0.0103 0.0101	0.1160	0.0007	0.0000 0.0000	0.0000 0.0000	

		Point Source Air E	missions - A2 Nitric					
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-08-03 13:30:00	5.5138	1.6031	0.0088	0.1160	0.0006	0.0000	0.0000	
2016-08-03 13:45:00	5.1059	1.6031	0.0082	0.1160	0.0006	0.0000	0.0000	
2016-08-03 14:00:00 2016-08-03 14:15:00	4.7621	1.6031	0.0076	0.1160	0.0006	0.0000	0.0000	
	2.9010	1.6031	0.0047	0.1160	0.0003 0.0003	0.0000 0.0000	0.0000 0.0000	
2016-08-03 14:30:00 2016-08-03 14:45:00	2.5293 4.6697	1.6031 1.6031	0.0041 0.0075	0.1160 0.1160	0.0003	0.0000	0.0000	
2016-08-03 14:45:00	3.2998	1.6031	0.0073	0.1160	0.0003	0.0000	0.0000	
2016-08-03 15:00:00	3.5205	1.6031	0.0056	0.1160	0.0004	0.0000	0.0000	
2016-08-03 15:30:00	4.3348	1.6031	0.0030	0.1160	0.0004	0.0000	0.0000	
2016-08-03 15:45:00	4.5991	1.6031	0.0003	0.1160	0.0005	0.0000	0.0000	
2016-08-03 16:00:00	3.8298	1.6031	0.0061	0.1160	0.0003	0.0000	0.0000	
2016-08-03 16:15:00	2.2583	1.6031	0.0036	0.1160	0.0003	0.0000	0.0000	
2016-08-03 16:30:00	0.6351	1.6031	0.0010	0.1160	0.0001	0.0000	0.0000	
2016-08-03 16:45:00	1.1003	1.6031	0.0018	0.1160	0.0001	0.0000	0.0000	
2016-08-03 17:00:00	0.6205	1.6031	0.0010	0.1160	0.0001	0.0000	0.0000	
2016-08-03 17:15:00	0.1182	1.6031	0.0002	0.1160	0.0000	0.0000	0.0000	
2016-08-03 17:30:00	0.0829	1.6031	0.0001	0.1160	0.0000	0.0000	0.0000	
2016-08-03 17:45:00	0.0179	1.6031	0.0000	0.1007	0.0000	0.0000	0.0000	
2016-08-03 18:00:00	0.0000	1.6031	0.0000	0.0681	0.0000	0.0000	0.0000	
2016-08-03 18:15:00	0.0000	1.6031	0.0000	0.0993	0.0000	0.0000	0.0000	
2016-08-03 18:30:00	0.0000	1.6031	0.0000	0.0014	0.0000	0.0000	0.0000	
2016-08-03 18:45:00	0.0000	1.6031	0.0000	0.1042	0.0000	0.0000	0.0000	
2016-08-03 19:00:00	0.0000	1.6031	0.0000	0.1147	0.0000	0.0000	0.0000	
2016-08-03 19:15:00	0.0000	1.6031	0.0000	0.1147	0.0000	0.0000	0.0000	
2016-08-03 19:30:00	0.0000	1.6031	0.0000	0.1147	0.0000	0.0000	0.0000	
2016-08-03 19:45:00	0.0000	1.6031	0.0000	0.1147	0.0000	0.0000	0.0000	
2016-08-03 20:00:00	0.0000	1.6031	0.0000	0.0259	0.0000	0.0000	0.0000	
2016-08-03 20:15:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-03 20:30:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-03 20:45:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-03 21:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-03 21:15:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-03 21:30:00	0.0000	1.6031	0.0000	0.0724	0.0000	0.0000	0.0000	
2016-08-03 21:45:00 2016-08-03 22:00:00	0.0000 0.0000	1.6031 1.6031	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-08-03 22:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-03 22:13:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-03 22:45:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-03 23:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-03 23:15:00	0.0000	1.6031	0.0000	0.0177	0.0000	0.0000	0.0000	
2016-08-03 23:30:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-03 23:45:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 00:00:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 00:15:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 00:30:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 00:45:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 01:00:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 01:15:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 01:30:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 01:45:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 02:00:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 02:15:00	0.0000	1.6031	0.0000	0.0364	0.0000	0.0000	0.0000	
2016-08-04 02:30:00	0.0000	1.6031	0.0000	0.0127	0.0000	0.0000	0.0000	
2016-08-04 02:45:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 03:00:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 03:15:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 03:30:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 03:45:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 04:00:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 04:15:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 04:30:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 04:45:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 05:00:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 05:15:00 2016-08-04 05:30:00	0.0000 0.0000	1.6031 1.6031	0.0000 0.0000	0.1133 0.1133	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	
2016-08-04 05:30:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 05:45:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 06:00:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 06:13:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000	
2016-08-04 06:30:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-04 07:00:00	0.0763	1.6031	0.0001	0.0000	0.0000	0.0000	0.0000	
2010 00 04 07.00.00	0.0762	1.6031	0.0001	0.0000	0.0000	0.0000	0.0000	
2016-08-04 07:15:00								
2016-08-04 07:15:00 2016-08-04 07:30:00								
2016-08-04 07:15:00 2016-08-04 07:30:00 2016-08-04 07:45:00	0.1270 0.4556	1.6031 1.6031	0.0002 0.0007	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-04 08:15:00	1.4266	1.6031	0.0023	0.0000	0.0000	0.0000	0.0000
2016-08-04 08:30:00	1.4039	1.6031	0.0023	0.0000	0.0000	0.0000	0.0000
2016-08-04 08:45:00	0.5587	1.6031	0.0009	0.0000	0.0000	0.0000	0.0000
2016-08-04 09:00:00	0.1878	1.6031	0.0003	0.0000	0.0000	0.0000	0.0000
2016-08-04 09:15:00	0.1271	1.6031	0.0002	0.0000	0.0000	0.0000	0.0000
2016-08-04 09:30:00	0.7236	1.6031	0.0012	0.0000	0.0000	0.0000	0.0000
2016-08-04 09:45:00	3.3607	1.6031	0.0054	0.0773	0.0003	0.0000	0.0000
2016-08-04 10:00:00	4.6401	1.6031	0.0074	0.1140	0.0005	0.0000	0.0000
2016-08-04 10:15:00	5.3500	1.6031	0.0086	0.1140	0.0006	0.0000	0.0000
2016-08-04 10:30:00	5.5286	1.6031	0.0089	0.1140	0.0006	0.0000	0.0000
2016-08-04 10:45:00	5.4297	1.6031	0.0087	0.1140	0.0006	0.0000	0.0000
2016-08-04 11:00:00	5.3462	1.6031	0.0086	0.1140	0.0006	0.0000	0.0000
2016-08-04 11:15:00	5.8484	1.6031	0.0094	0.1140	0.0007	0.0000	0.0000
2016-08-04 11:30:00	6.3050	1.6031	0.0101	0.1140	0.0007	0.0000	0.0000
2016-08-04 11:45:00	3.9322	1.6031	0.0063	0.1140	0.0004	0.0000	0.0000
2016-08-04 12:00:00	2.4691	1.6031	0.0040	0.1140	0.0003	0.0000	0.0000
2016-08-04 12:15:00	3.4530	1.6031	0.0055	0.1140	0.0004	0.0000	0.0000
2016-08-04 12:30:00	4.0761	1.6031	0.0065	0.1140	0.0005	0.0000 0.0000	0.0000 0.0000
2016-08-04 12:45:00	3.3080	1.6031	0.0053	0.1140 0.1140	0.0004 0.0004	0.0000	
2016-08-04 13:00:00 2016-08-04 13:15:00	3.5843	1.6031	0.0057 0.0051		0.0004		0.0000 0.0000
2016-08-04 13:15:00	3.1631 3.3366	1.6031 1.6031	0.0051	0.1140 0.1140	0.0004	0.0000 0.0000	0.0000
2016-08-04 13:30:00	2.8680	1.6031	0.0053	0.1140	0.0004	0.0000	0.0000
2016-08-04 13:43:00	2.1404	1.6031	0.0046	0.1140	0.0003	0.0000	0.0000
2016-08-04 14:15:00	0.2578	1.6031	0.0034	0.1140	0.0002	0.0000	0.0000
2016-08-04 14:30:00	0.1168	1.6031	0.0002	0.1140	0.0000	0.0000	0.0000
2016-08-04 14:45:00	0.6001	1.6031	0.0010	0.1140	0.0001	0.0000	0.0000
2016-08-04 15:00:00	1.2651	1.6031	0.0020	0.1140	0.0001	0.0000	0.0000
2016-08-04 15:15:00	0.5486	1.6031	0.0009	0.1140	0.0001	0.0000	0.0000
2016-08-04 15:30:00	0.6147	1.6031	0.0010	0.1140	0.0001	0.0000	0.0000
2016-08-04 15:45:00	0.4760	1.6031	0.0008	0.1140	0.0001	0.0000	0.0000
2016-08-04 16:00:00	0.0568	1.6031	0.0001	0.1140	0.0000	0.0000	0.0000
2016-08-04 16:15:00	0.0000	1.6031	0.0000	0.1140	0.0000	0.0000	0.0000
2016-08-04 16:30:00	0.0000	1.6031	0.0000	0.1140	0.0000	0.0000	0.0000
2016-08-04 16:45:00	0.0000	1.6031	0.0000	0.1140	0.0000	0.0000	0.0000
2016-08-04 17:00:00	0.0000	1.6031	0.0000	0.1140	0.0000	0.0000	0.0000
2016-08-04 17:15:00	0.0000	1.6031	0.0000	0.1140	0.0000	0.0000	0.0000
2016-08-04 17:30:00	0.0000	1.6031	0.0000	0.1140	0.0000	0.0000	0.0000
2016-08-04 17:45:00	0.0000	1.6031	0.0000	0.0963	0.0000	0.0000	0.0000
2016-08-04 18:00:00	0.0000	1.6031	0.0000	0.1147	0.0000	0.0000	0.0000
2016-08-04 18:15:00	0.0000	1.6031	0.0000	0.1147	0.0000	0.0000	0.0000
2016-08-04 18:30:00	0.0000	1.6031	0.0000	0.0321	0.0000	0.0000	0.0000
2016-08-04 18:45:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-04 19:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-04 19:15:00	0.0000	1.6031	0.0000	0.0356	0.0000	0.0000	0.0000
2016-08-04 19:30:00	0.0000	1.6031	0.0000	0.0720	0.0000	0.0000	0.0000
2016-08-04 19:45:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-04 20:00:00	0.0000	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-04 20:15:00	0.0000	1.6031	0.0000	0.0860	0.0000	0.0000	0.0000
2016-08-04 20:30:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000
2016-08-04 20:45:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000
2016-08-04 21:00:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000
2016-08-04 21:15:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000
2016-08-04 21:30:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000
2016-08-04 21:45:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000
2016-08-04 22:00:00	0.0000	1.6031	0.0000	0.1133	0.0000	0.0000	0.0000
2016-08-04 22:15:00	0.0000	1.6031	0.0000	0.0602	0.0000	0.0000	0.0000
2016-08-04 22:30:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-04 22:45:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-04 23:00:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-04 23:15:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-04 23:30:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-04 23:45:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 00:00:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 00:15:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 00:30:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 00:45:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 01:00:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 01:15:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 01:30:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 01:45:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 02:00:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 02:15:00	0.0000	1.6031	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-05 02:30:00	0.0000 0.0000	1.6031	0.0000 0.0000	0.1202	0.0000	0.0000	0.0000 0.0000
2016-08-05 02:45:00		1.6031		0.1202	0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-05 03:00:00	0.0000	1.6031	0.0000	0.1217	0.0000	0.0000	0.0000
2016-08-05 03:15:00	0.0000	1.6031	0.0000	0.1673	0.0000	0.0000	0.0000
2016-08-05 03:30:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 03:45:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 04:00:00 2016-08-05 04:15:00	0.0000 0.0000	1.6031 1.6031	0.0000 0.0000	0.1188 0.1188	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-05 04:15:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 04:45:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 05:00:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 05:05:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 05:30:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 05:45:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 06:00:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 06:15:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 06:30:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 06:45:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 07:00:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 07:15:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 07:30:00	0.0000	1.6031	0.0000	0.1149	0.0000	0.0000	0.0000
2016-08-05 07:45:00	0.0000	1.6031	0.0000	0.0055	0.0000	0.0000	0.0000
2016-08-05 08:00:00	0.0000	1.6031	0.0000	0.0487	0.0000	0.0000	0.0000
2016-08-05 08:15:00	0.0185	1.6031	0.0000	0.1229	0.0000	0.0000	0.0000
2016-08-05 08:30:00	0.3892	1.6031	0.0006	0.1202	0.0000	0.0000	0.0000
2016-08-05 08:45:00	0.2774	1.6031	0.0004	0.0941	0.0000	0.0000	0.0000
2016-08-05 09:00:00	0.3429	1.6031	0.0005	0.1215	0.0000	0.0000	0.0000
2016-08-05 09:15:00	0.0374	1.6031	0.0001	0.1215	0.0000	0.0000	0.0000
2016-08-05 09:30:00	0.2122	1.6031	0.0003	0.1215	0.0000	0.0000	0.0000
2016-08-05 09:45:00	1.6335	1.6031	0.0026	0.1215	0.0002	0.0000	0.0000
2016-08-05 10:00:00	1.0562	1.6031	0.0017	0.1215	0.0001	0.0000	0.0000
2016-08-05 10:15:00	0.2219	1.6031	0.0004	0.1215	0.0000	0.0000	0.0000
2016-08-05 10:30:00	1.0770	1.6031	0.0017	0.1215	0.0001	0.0000	0.0000
2016-08-05 10:45:00	1.1931	1.6031	0.0019	0.1215	0.0001	0.0000	0.0000
2016-08-05 11:00:00	1.8242	1.6031	0.0029	0.1215	0.0002	0.0000	0.0000
2016-08-05 11:15:00	2.1816	1.6031	0.0035	0.1215	0.0003	0.0000	0.0000
2016-08-05 11:30:00	2.7438	1.6031	0.0044	0.1215	0.0003	0.0000	0.0000
2016-08-05 11:45:00	1.8239	1.6031	0.0029	0.1215	0.0002	0.0000	0.0000
2016-08-05 12:00:00	2.4886	1.6031	0.0040	0.1215	0.0003	0.0000	0.0000
2016-08-05 12:15:00	1.4026	1.6031	0.0022	0.1215	0.0002	0.0000	0.0000
2016-08-05 12:30:00	4.0930	1.6031	0.0066	0.1215	0.0005	0.0000	0.0000
2016-08-05 12:45:00	3.6789	1.6031	0.0059	0.1215	0.0004	0.0000	0.0000
2016-08-05 13:00:00	3.7038	1.6031	0.0059	0.1215	0.0005	0.0000	0.0000
2016-08-05 13:15:00	3.8983	1.6031	0.0062	0.1215	0.0005	0.0000	0.0000
2016-08-05 13:30:00	4.8214	1.6031	0.0077	0.1215	0.0006	0.0000	0.0000
2016-08-05 13:45:00 2016-08-05 14:00:00	2.2938 2.3746	1.6031 1.6031	0.0037 0.0038	0.1215 0.1215	0.0003 0.0003	0.0000 0.0000	0.0000 0.0000
2016-08-05 14:05:00	0.6042	1.6031	0.0038	0.1213	0.0003	0.0000	0.0000
2016-08-05 14:30:00	0.3211	1.6031	0.0010	0.0048	0.0000	0.0000	0.0000
2016-08-05 14:45:00	1.4470	1.6031	0.0003	0.0548	0.0001	0.0000	0.0000
2016-08-05 14:45:00	0.9107	1.6031	0.0023	0.0348	0.0001	0.0000	0.0000
2016-08-05 15:05:00	0.5585	1.6031	0.0013	0.1188	0.0001	0.0000	0.0000
2016-08-05 15:30:00	0.3674	1.6031	0.0006	0.1188	0.0000	0.0000	0.0000
2016-08-05 15:36:00	0.2197	1.6031	0.0004	0.1188	0.0000	0.0000	0.0000
2016-08-05 16:00:00	0.2619	1.6031	0.0004	0.1188	0.0000	0.0000	0.0000
2016-08-05 16:15:00	0.1915	1.6031	0.0003	0.1188	0.0000	0.0000	0.0000
2016-08-05 16:30:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 16:45:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 17:00:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 17:15:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 17:30:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 17:45:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 18:00:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 18:15:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 18:30:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 18:45:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-05 19:00:00	0.0000	1.6031	0.0000	0.0940	0.0000	0.0000	0.0000
2016-08-05 19:15:00	0.0000	1.6031	0.0000	0.1126	0.0000	0.0000	0.0000
2016-08-05 19:30:00	0.0000	1.6031	0.0000	0.0139	0.0000	0.0000	0.0000
2016-08-05 19:45:00	0.0000	1.6031	0.0000	0.1069	0.0000	0.0000	0.0000
2016-08-05 20:00:00	0.0000	1.6031	0.0000	0.1126	0.0000	0.0000	0.0000
	0.0000	1.6031	0.0000	0.1126	0.0000	0.0000	0.0000
2016-08-05 20:15:00	0.0000				0.0000		
2016-08-05 20:15:00 2016-08-05 20:30:00	0.0000	1.6031	0.0000	0.1126	0.0000	0.0000	0.0000
		1.6031 1.6031	0.0000 0.0000	0.1126 0.0646	0.0000	0.0000	0.0000 0.0000
2016-08-05 20:30:00 2016-08-05 20:45:00 2016-08-05 21:00:00	0.0000 0.0000 0.0000	1.6031 1.6031	0.0000 0.0000	0.0646 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-05 20:30:00 2016-08-05 20:45:00	0.0000 0.0000	1.6031	0.0000	0.0646	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-05 21:45:00	0.0000	1.6031	0.0000	0.0444	0.0000	0.0000	0.0000
2016-08-05 22:00:00	0.0000	1.6031	0.0000	0.1167	0.0000	0.0000	0.0000
2016-08-05 22:15:00	0.0000	1.6031	0.0000	0.1167	0.0000	0.0000	0.0000
2016-08-05 22:30:00	0.0000	1.6031	0.0000 0.0000	0.1167	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-05 22:45:00 2016-08-05 23:00:00	0.0000 0.0000	1.6031 1.6031	0.0000	0.1167 0.1167	0.0000	0.0000	0.0000
2016-08-05 23:15:00	0.0000	1.6031	0.0000	0.1167	0.0000	0.0000	0.0000
2016-08-05 23:15:00	0.0000	1.6031	0.0000	0.1167	0.0000	0.0000	0.0000
2016-08-05 23:45:00	0.0000	1.6031	0.0000	0.1167	0.0000	0.0000	0.0000
2016-08-06 00:00:00	0.0000	1.6031	0.0000	0.1167	0.0000	0.0000	0.0000
2016-08-06 00:15:00	0.0000	1.6031	0.0000	0.1593	0.0000	0.0000	0.0000
2016-08-06 00:30:00	0.0000	1.6031	0.0000	0.2300	0.0000	0.0000	0.0000
2016-08-06 00:45:00	0.0000	1.6031	0.0000	0.2300	0.0000	0.0000	0.0000
2016-08-06 01:00:00	0.0000	1.6031	0.0000	0.2300	0.0000	0.0000	0.0000
2016-08-06 01:15:00	0.0000	1.6031	0.0000	0.1783	0.0000	0.0000	0.0000
2016-08-06 01:30:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-06 01:45:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-06 02:00:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-06 02:15:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-06 02:30:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-06 02:45:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-06 03:00:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-06 03:15:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-06 03:30:00	0.0000	1.6031	0.0000	0.2197	0.0000	0.0000	0.0000
2016-08-06 03:45:00	0.0000	1.6031	0.0000	0.1726	0.0000	0.0000	0.0000
2016-08-06 04:00:00	0.0000	1.6031	0.0000	0.2147	0.0000	0.0000	0.0000
2016-08-06 04:15:00	0.0000	1.6031	0.0000	0.1112	0.0000	0.0000	0.0000
2016-08-06 04:30:00	0.0000	1.6031	0.0000	0.1882	0.0000	0.0000	0.0000
2016-08-06 04:45:00	0.0000	1.6031	0.0000	0.1596	0.0000	0.0000	0.0000
2016-08-06 05:00:00	0.0000	1.6031	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-06 05:15:00	0.0000	1.6031	0.0000	0.2029	0.0000	0.0000	0.0000
2016-08-06 05:30:00	0.0000	1.6031	0.0000	0.1112	0.0000	0.0000	0.0000
2016-08-06 05:45:00	0.0000	1.6031	0.0000	0.1229	0.0000	0.0000	0.0000
2016-08-06 06:00:00	0.0000	1.6031	0.0000	0.1460	0.0000	0.0000	0.0000
2016-08-06 06:15:00	0.0000	1.6031	0.0000	0.1092	0.0000	0.0000	0.0000
2016-08-06 06:30:00	0.0000	1.6031	0.0000	0.1092	0.0000	0.0000	0.0000
2016-08-06 06:45:00	0.0000	1.6031	0.0000	0.1092	0.0000	0.0000	0.0000
2016-08-06 07:00:00	0.0000	1.6031	0.0000	0.1092	0.0000	0.0000	0.0000
2016-08-06 07:15:00 2016-08-06 07:30:00	0.0000 0.0000	1.6031 1.6031	0.0000 0.0000	0.1092 0.1092	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-06 07:30:00	0.0000	1.6031	0.0000	0.1092	0.0000	0.0000	0.0000
2016-08-06 07.45.00	0.0000	1.6031	0.0000	0.1366	0.0000	0.0000	0.0000
2016-08-06 08:15:00	0.0000	1.6031	0.0000	0.1240	0.0000	0.0000	0.0000
2016-08-06 08:30:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 08:45:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 09:00:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 09:15:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 09:30:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 09:45:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 10:00:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 10:15:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 10:30:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 10:45:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 11:00:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 11:15:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 11:30:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 11:45:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 12:00:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 12:15:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 12:30:00	0.0400	1.6031	0.0001	0.1099	0.0000	0.0000	0.0000
2016-08-06 12:45:00	0.2024	1.6031	0.0003	0.1099	0.0000	0.0000	0.0000
2016-08-06 13:00:00	0.0385	1.6031	0.0001	0.1099	0.0000	0.0000	0.0000
2016-08-06 13:15:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 13:30:00	0.1744	1.6031	0.0003	0.1099	0.0000	0.0000	0.0000
2016-08-06 13:45:00	0.7519	1.6031	0.0012	0.1099	0.0001	0.0000	0.0000
2016-08-06 14:00:00	0.1604	1.6031	0.0003	0.1099	0.0000	0.0000	0.0000
2016-08-06 14:15:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 14:30:00	0.0546	1.6031	0.0001	0.1099	0.0000	0.0000	0.0000
2016-08-06 14:45:00	0.0791	1.6031	0.0001	0.1099	0.0000	0.0000	0.0000
2016-08-06 15:00:00	0.0361	1.6031	0.0001	0.1099	0.0000	0.0000	0.0000
2016-08-06 15:15:00	0.0212	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 15:30:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 15:45:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 16:00:00	0.0000	1.6031	0.0000	0.1099	0.0000	0.0000	0.0000
2016-08-06 16:15:00	0.0000	1.6031	0.0000	0.1763	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-06 16:30:00	0.0000	1.6031	0.0000	0.2225	0.0000	0.0000	0.0000
2016-08-06 16:45:00	0.0000	1.6031	0.0000	0.2225	0.0000	0.0000	0.0000
2016-08-06 17:00:00	0.0000	1.6031	0.0000	0.1603	0.0000	0.0000	0.0000
2016-08-06 17:15:00	0.0000	1.6031	0.0000	0.1085	0.0000	0.0000	0.0000
2016-08-06 17:30:00	0.0000	1.6031	0.0000	0.1085	0.0000	0.0000	0.0000
2016-08-06 17:45:00	0.0000	1.6031	0.0000	0.1085	0.0000	0.0000	0.0000
2016-08-06 18:00:00	0.0000	1.6031	0.0000	0.1085	0.0000	0.0000	0.0000
2016-08-06 18:15:00	0.0000	1.6031	0.0000	0.1305	0.0000	0.0000	0.0000
2016-08-06 18:30:00	0.0000	1.6031	0.0000	0.1914	0.0000	0.0000	0.0000
2016-08-06 18:45:00	0.0000	1.6031	0.0000	0.1420	0.0000	0.0000	0.0000
2016-08-06 19:00:00	0.0000	1.6031	0.0000	0.1325	0.0000	0.0000	0.0000
2016-08-06 19:15:00	0.0000	1.6031	0.0000	0.1126	0.0000	0.0000	0.0000
2016-08-06 19:30:00	0.0000	1.6031	0.0000	0.1645	0.0000	0.0000	0.0000
2016-08-06 19:45:00	0.0000	1.6031	0.0000	0.2293 0.1780	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-06 20:00:00	0.0000	1.6031	0.0000	0.1780			0.0000
2016-08-06 20:15:00	0.0000	1.6031	0.0000		0.0000	0.0000	0.0000
2016-08-06 20:30:00	0.0000	1.6031	0.0000	0.2307 0.2307	0.0000	0.0000	0.0000
2016-08-06 20:45:00 2016-08-06 21:00:00	0.0000	1.6031 1.6031	0.0000 0.0000	0.2307	0.0000 0.0000	0.0000 0.0000	0.0000
	0.0000			0.2307			
2016-08-06 21:15:00	0.0000	1.6031 1.6031	0.0000 0.0000	0.1888 0.1181	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-06 21:30:00 2016-08-06 21:45:00	0.0000 0.0000	1.6031	0.0000	0.1181 0.1181	0.0000	0.0000	0.0000
2016-08-06 21:45:00	0.0000	1.6031	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-06 22:00:00	0.0000	1.6031	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-06 22:15:00	0.0000	1.6031	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-06 22:45:00	0.0000	1.6031	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-06 22:45:00	0.0000	1.6031	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-06 23:15:00	0.0000	1.6031	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-06 23:30:00	0.0000	1.6031	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-06 23:45:00	0.0000	1.6031	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-07 00:00:00	0.0000	1.6031	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-07 00:15:00	0.0000	1.6031	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-07 00:30:00	0.0000	1.6031	0.0000	0.1760	0.0000	0.0000	0.0000
2016-08-07 00:45:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 01:00:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 01:15:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 01:30:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 01:45:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 02:00:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 02:15:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 02:30:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 02:45:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 03:00:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 03:15:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 03:30:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 03:45:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 04:00:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 04:15:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 04:30:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 04:45:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 05:00:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 05:15:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 05:30:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 05:45:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 06:00:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 06:15:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 06:30:00	0.0000	1.6031	0.0000	0.1527	0.0000	0.0000	0.0000
2016-08-07 06:45:00	0.0000	1.6031	0.0000	0.1188	0.0000	0.0000	0.0000
2016-08-07 07:00:00	0.0000	1.6031	0.0000	0.2100	0.0000	0.0000	0.0000
2016-08-07 07:15:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 07:30:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 07:45:00	0.0000	1.6031	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-07 08:00:00	0.0000	1.6031	0.0000	0.3456	0.0000	0.0000	0.0000
2016-08-07 08:15:00	0.0000	1.6031	0.0000	0.2424	0.0000	0.0000	0.0000
2016-08-07 08:30:00	0.0000	1.6031	0.0000	0.2424	0.0000	0.0000	0.0000
2016-08-07 08:45:00	0.0000	1.6031	0.0000	0.2424	0.0000	0.0000	0.0000
2016-08-07 09:00:00	0.0000	1.6031	0.0000	0.2424	0.0000	0.0000	0.0000
2016-08-07 09:15:00	0.0000	1.6031	0.0000	0.2206	0.0000	0.0000	0.0000
	0.0000	1.6031	0.0000	0.1598	0.0000	0.0000	0.0000
2016-08-07 09:30:00			0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-07 09:30:00 2016-08-07 09:45:00	0.0000	1.6031					
2016-08-07 09:30:00		1.6031 1.6031	0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-07 09:30:00 2016-08-07 09:45:00 2016-08-07 10:00:00 2016-08-07 10:15:00	0.0000 0.0000 0.0000	1.6031 1.6031	0.0000 0.0000	0.2451 0.2451	0.0000 0.0000	0.0000	0.0000
2016-08-07 09:30:00 2016-08-07 09:45:00 2016-08-07 10:00:00 2016-08-07 10:15:00 2016-08-07 10:30:00	0.0000 0.0000 0.0000 0.0000	1.6031 1.6031 1.6031	0.0000 0.0000 0.0000	0.2451 0.2451 0.2451	0.0000 0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-07 09:30:00 2016-08-07 09:45:00 2016-08-07 10:00:00 2016-08-07 10:15:00	0.0000 0.0000 0.0000	1.6031 1.6031	0.0000 0.0000	0.2451 0.2451	0.0000 0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-07 11:15:00	0.0000	1.6031	0.0000	0.1298	0.0000	0.0000	0.0000
2016-08-07 11:30:00	0.0000	1.6031	0.0000	0.1298	0.0000	0.0000	0.0000
2016-08-07 11:45:00	0.0000	1.6031	0.0000	0.1298	0.0000	0.0000	0.0000
2016-08-07 12:00:00	0.0000	1.6031	0.0000	0.1298	0.0000	0.0000	0.0000
2016-08-07 12:15:00	0.0000	1.6031	0.0000	0.1298	0.0000	0.0000	0.0000
2016-08-07 12:30:00	0.0000	1.6031	0.0000	0.1339	0.0000	0.0000	0.0000
2016-08-07 12:45:00	0.0000	1.6031	0.0000	0.2424	0.0000	0.0000	0.0000
2016-08-07 13:00:00	0.0000	1.6031	0.0000	0.2424	0.0000	0.0000	0.0000
2016-08-07 13:15:00	0.0000	1.6031	0.0000	0.2424	0.0000	0.0000	0.0000
2016-08-07 13:30:00	0.0000	1.6031	0.0000	0.2424	0.0000	0.0000	0.0000
2016-08-07 13:45:00	0.0000	1.6031	0.0000	0.2117	0.0000	0.0000	0.0000
2016-08-07 14:00:00	0.0000	1.6031	0.0000	0.2092	0.0000	0.0000	0.0000
2016-08-07 14:15:00	0.0000	1.6031	0.0000	0.1733	0.0000	0.0000	0.0000
2016-08-07 14:30:00	0.0000	1.6031	0.0000	0.0952	0.0000	0.0000	0.0000
2016-08-07 14:45:00	0.0000	1.6031	0.0000	0.0824	0.0000	0.0000	0.0000
2016-08-07 15:00:00	0.0000	1.6031	0.0000	0.0951	0.0000	0.0000	0.0000
2016-08-07 15:15:00	0.0000	1.6031	0.0000	0.2288	0.0000	0.0000	0.0000
2016-08-07 15:30:00 2016-08-07 15:45:00	0.0000	1.6031	0.0000 0.0000	0.2635	0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-07 15:45:00	0.0000	1.6031		0.1957	0.0000 0.0000	0.0000	
	0.0000	1.6031	0.0000 0.0000	0.1957 0.0800	0.0000	0.0000	0.0000 0.0000
2016-08-07 16:15:00 2016-08-07 16:30:00	0.0000 0.0000	1.6031 1.6031	0.0000	0.0800	0.0000	0.0000	0.0000
2016-08-07 16:45:00	0.0000	1.6031	0.0000	0.1923	0.0000	0.0000	0.0000
2016-08-07 17:00:00	0.0000	1.6031	0.0000	0.1923	0.0000	0.0000	0.0000
2016-08-07 17:15:00	0.0000	1.6031	0.0000	0.1923	0.0000	0.0000	0.0000
2016-08-07 17:30:00	0.0600	1.6031	0.0001	0.1923	0.0000	0.0000	0.0000
2016-08-07 17:45:00	0.1555	1.6031	0.0002	0.2869	0.0000	0.0000	0.0000
2016-08-07 18:00:00	0.0812	1.6031	0.0001	0.2591	0.0000	0.0000	0.0000
2016-08-07 18:15:00	0.2707	1.6031	0.0001	0.2089	0.0001	0.0000	0.0000
2016-08-07 18:30:00	0.0000	1.6031	0.0000	0.3003	0.0000	0.0000	0.0000
2016-08-07 18:45:00	0.1014	1.6031	0.0002	0.2668	0.0000	0.0000	0.0000
2016-08-07 19:00:00	0.0000	1.6031	0.0000	0.2726	0.0000	0.0000	0.0000
2016-08-07 19:15:00	0.0000	1.6031	0.0000	0.1778	0.0000	0.0000	0.0000
2016-08-07 19:30:00	0.0000	1.6031	0.0000	0.1778	0.0000	0.0000	0.0000
2016-08-07 19:45:00	0.0000	1.6031	0.0000	0.1778	0.0000	0.0000	0.0000
2016-08-07 20:00:00	0.0207	1.6031	0.0000	0.1778	0.0000	0.0000	0.0000
2016-08-07 20:15:00	0.0000	1.6031	0.0000	0.1778	0.0000	0.0000	0.0000
2016-08-07 20:30:00	0.0000	1.6031	0.0000	0.1778	0.0000	0.0000	0.0000
2016-08-07 20:45:00	0.2409	1.6031	0.0004	0.2874	0.0001	0.0000	0.0000
2016-08-07 21:00:00	0.1519	1.6031	0.0002	0.2905	0.0000	0.0000	0.0000
2016-08-07 21:15:00	0.3119	1.6031	0.0005	0.2905	0.0001	0.0000	0.0000
2016-08-07 21:30:00	2.5798	1.6031	0.0041	0.2652	0.0007	0.0000	0.0000
2016-08-07 21:45:00	4.6641	1.6031	0.0075	0.1348	0.0006	0.0000	0.0000
2016-08-07 22:00:00	1.2446	1.6031	0.0020	0.2019	0.0003	0.0000	0.0000
2016-08-07 22:15:00	0.8417	1.6031	0.0013	0.2109	0.0002	0.0000	0.0000
2016-08-07 22:30:00	0.2912	1.6031	0.0005	0.2005	0.0001	0.0000	0.0000
2016-08-07 22:45:00	1.8586	1.6031	0.0030	0.2494	0.0005	0.0000	0.0000
2016-08-07 23:00:00	1.7804	1.6031	0.0029	0.2359	0.0004	0.0000	0.0000
2016-08-07 23:15:00	1.5738	1.6031	0.0025	0.2184	0.0003	0.0000	0.0000
2016-08-07 23:30:00	0.4876	1.6031	0.0008	0.2184	0.0001	0.0000	0.0000
2016-08-07 23:45:00	0.3862	1.6031	0.0006	0.2184	0.0001	0.0000	0.0000
2016-08-08 00:00:00	2.7230	1.6031	0.0044	0.1867	0.0005	0.0000	0.0000
2016-08-08 00:15:00	3.4295	1.6031	0.0055	0.1922	0.0007	0.0000	0.0000
2016-08-08 00:30:00	3.1640	1.6031	0.0051	0.1311	0.0004	0.0000	0.0000
2016-08-08 00:45:00	4.3556	1.6031	0.0070	0.1311	0.0006	0.0000	0.0000
2016-08-08 01:00:00	4.3456	1.6031	0.0070	0.1311	0.0006	0.0000	0.0000
2016-08-08 01:15:00	1.3265	1.6031	0.0021	0.1311	0.0002	0.0000	0.0000
2016-08-08 01:30:00	1.2655	1.6031	0.0020	0.1311	0.0002	0.0000	0.0000
2016-08-08 01:45:00	1.1544	1.6031	0.0019	0.1311	0.0002	0.0000	0.0000
2016-08-08 02:00:00	0.5300	1.6031	0.0008	0.1311	0.0001	0.0000	0.0000
2016-08-08 02:15:00	0.8866	1.6031	0.0014	0.1311	0.0001	0.0000	0.0000
2016-08-08 02:30:00	0.0585	1.6031	0.0001	0.1311	0.0000	0.0000	0.0000
2016-08-08 02:45:00	0.0187	1.6031	0.0000	0.1311	0.0000	0.0000	0.0000
2016-08-08 03:00:00	0.0000	1.6031	0.0000	0.1311	0.0000	0.0000	0.0000
2016-08-08 03:15:00	0.0000	1.6031	0.0000	0.1311	0.0000	0.0000	0.0000
2016-08-08 03:30:00	0.0000	1.6031	0.0000	0.1311	0.0000	0.0000	0.0000
2016-08-08 03:45:00	0.0000	1.6031	0.0000	0.2300	0.0000	0.0000	0.0000
2016-08-08 04:00:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 04:15:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 04:30:00	0.0429	1.6031	0.0001	0.2438	0.0000	0.0000	0.0000
2016-08-08 04:45:00	0.0844	1.6031	0.0001	0.2438	0.0000	0.0000	0.0000
2016-08-08 05:00:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 05:15:00	0.1048	1.6031	0.0002	0.2438	0.0000	0.0000	0.0000
2016-08-08 05:30:00	0.4942	1.6031	0.0008	0.2438	0.0001	0.0000	0.0000
2016-08-08 05:45:00	1.5466	1.6031	0.0025	0.2438	0.0004	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-08 06:00:00	0.7491	1.6031	0.0012	0.2438	0.0002	0.0000	0.0000
2016-08-08 06:15:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 06:30:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 06:45:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 07:00:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 07:15:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 07:30:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 07:45:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 08:00:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 08:15:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 08:30:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 08:45:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 09:00:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 09:15:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 09:30:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 09:45:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 10:00:00	0.0000	1.6031	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-08 10:15:00 2016-08-08 10:30:00	0.0000	1.6031	0.0000 0.0000	0.2438	0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-08 10:30:00	0.0000	1.6031		0.2438	0.0000		
2016-08-08 10:45:00 2016-08-08 11:00:00	0.0000 0.0000	1.6031 1.6031	0.0000 0.0000	0.2438 0.2180	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-08 11:00:00	0.0000	1.6031	0.0000	0.2180	0.0000	0.0000	0.0000
2016-08-08 11:13:00	0.0000	1.6031	0.0000	0.2458	0.0000	0.0000	0.0000
2016-08-08 11:30:00	0.0000	1.6031	0.0000	0.2458	0.0000	0.0000	0.0000
2016-08-08 12:00:00	0.0000	1.6031	0.0000	0.1647	0.0000	0.0000	0.0000
2016-08-08 12:15:00	0.0000	1.6031	0.0000	0.1325	0.0000	0.0000	0.0000
2016-08-08 12:30:00	0.0000	1.6031	0.0000	0.2191	0.0000	0.0000	0.0000
2016-08-08 12:45:00	0.3362	1.6031	0.0005	0.2465	0.0001	0.0000	0.0000
2016-08-08 13:00:00	1.5966	1.6031	0.0026	0.2465	0.0001	0.0000	0.0000
2016-08-08 13:15:00	1.5388	1.6031	0.0025	0.2465	0.0004	0.0000	0.0000
2016-08-08 13:30:00	1.0385	1.6031	0.0017	0.2459	0.0003	0.0000	0.0000
2016-08-08 13:45:00	2.1693	1.6031	0.0035	0.2241	0.0005	0.0000	0.0000
2016-08-08 14:00:00	1.3493	1.6031	0.0022	0.2328	0.0003	0.0000	0.0000
2016-08-08 14:15:00	0.8457	1.6031	0.0014	0.2328	0.0002	0.0000	0.0000
2016-08-08 14:30:00	0.3559	1.6031	0.0006	0.2328	0.0001	0.0000	0.0000
2016-08-08 14:45:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 15:00:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 15:15:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 15:30:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 15:45:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 16:00:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 16:15:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 16:30:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 16:45:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 17:00:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 17:15:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 17:30:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 17:45:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 18:00:00	0.0982	1.6031	0.0002	0.2328	0.0000	0.0000	0.0000
2016-08-08 18:15:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 18:30:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 18:45:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 19:00:00	0.0941	1.6031	0.0002	0.2328	0.0000	0.0000	0.0000
2016-08-08 19:15:00	0.0000	1.6031	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-08 19:30:00	0.5016	1.6031	0.0008	0.2328	0.0001	0.0000	0.0000
2016-08-08 19:45:00	0.4518	1.6031	0.0007	0.2328	0.0001	0.0000	0.0000
2016-08-08 20:00:00	0.4689	1.6031	0.0008	0.1530	0.0001	0.0000	0.0000
2016-08-08 20:15:00	0.0766	1.6031	0.0001	0.2280	0.0000	0.0000	0.0000
2016-08-08 20:30:00	0.0000	1.6031	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-08 20:45:00	0.0000	1.6031	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-08 21:00:00	0.0000	1.6031	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-08 21:15:00	0.0000	1.6031	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-08 21:30:00	0.0000	1.6031	0.0000	0.1818	0.0000	0.0000	0.0000
2016-08-08 21:45:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-08 22:00:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-08 22:15:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-08 22:30:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-08 22:45:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-08 23:00:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-08 23:15:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-08 23:30:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-08 23:45:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-09 00:00:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-09 00:15:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000
2016-08-09 00:30:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-08-09 00:45:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 01:00:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 01:15:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 01:30:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 01:45:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 02:00:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 02:15:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 02:30:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 02:45:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 03:00:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 03:15:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 03:30:00	0.0000	1.6031	0.0000	0.2252	0.0000	0.0000	0.0000	
2016-08-09 03:45:00	0.1359	1.6031	0.0002	0.2252	0.0000	0.0000	0.0000	
2016-08-09 04:00:00	0.1267	1.6031	0.0002	0.2252	0.0000	0.0000	0.0000	
2016-08-09 04:15:00	0.9165	1.6031	0.0015	0.1402	0.0001	0.0000	0.0000	
2016-08-09 04:30:00	2.9275	1.6031	0.0047	0.1112	0.0003	0.0000	0.0000	
2016-08-09 04:45:00	3.4441	1.6031	0.0055	0.1112	0.0004	0.0000	0.0000	
2016-08-09 05:00:00	3.6528	1.6031	0.0059	0.1112	0.0004	0.0000	0.0000	
2016-08-09 05:15:00	2.6858	1.6031	0.0043	0.1112	0.0003	0.0000	0.0000	
2016-08-09 05:30:00	2.3522	1.6031	0.0038	0.1112	0.0003	0.0000	0.0000	
2016-08-09 05:45:00	1.9771	1.6031	0.0032	0.1112	0.0002	0.0000	0.0000	
2016-08-09 06:00:00	3.4028	1.6031	0.0055	0.1112	0.0004	0.0000 0.0000	0.0000	
2016-08-09 06:15:00 2016-08-09 06:30:00	3.1168 3.3921	1.6031 1.6031	0.0050 0.0054	0.1112 0.1112	0.0003 0.0004	0.0000	0.0000	
2016-08-09 06:30:00 2016-08-09 06:45:00	3.3921 4.6592	1.6031	0.0054	0.1112 0.1112	0.0004	0.0000	0.0000	
2016-08-09 06:45:00 2016-08-09 07:00:00	4.6592 3.4994	1.6031	0.0075	0.1112 0.1112	0.0005	0.0000	0.0000	
2016-08-09 07:00:00	3.4994 1.8751	1.6031	0.0056	0.1112 0.1112	0.0004	0.0000	0.0000	
2016-08-09 07:15:00	0.5481	1.6031	0.0030	0.1112	0.0002	0.0000	0.0000	
2016-08-09 07:45:00	0.2389	1.6031	0.0009	0.1112	0.0001	0.0000	0.0000	
2016-08-09 07:43:00	0.0673	1.6031	0.0004	0.1112	0.0000	0.0000	0.0000	
2016-08-09 08:05:00	0.6000	1.6031	0.0001	0.1112	0.0001	0.0000	0.0000	
2016-08-09 08:30:00	0.0857	1.6031	0.0010	0.1112	0.0000	0.0000	0.0000	
2016-08-09 08:45:00	0.1450	1.6031	0.0001	0.1112	0.0000	0.0000	0.0000	
2016-08-09 09:00:00	0.0583	1.6031	0.0002	0.1112	0.0000	0.0000	0.0000	
2016-08-09 09:15:00	0.0000	1.6031	0.0000	0.1112	0.0000	0.0000	0.0000	
2016-08-09 09:30:00	0.0000	1.6031	0.0000	0.1112	0.0000	0.0000	0.0000	
2016-08-09 09:45:00	0.0000	1.6031	0.0000	0.1112	0.0000	0.0000	0.0000	
2016-08-09 10:00:00	0.0000	1.6031	0.0000	0.1112	0.0000	0.0000	0.0000	
2016-08-09 10:15:00	0.0000	1.6031	0.0000	0.1112	0.0000	0.0000	0.0000	
2016-08-09 10:30:00	0.2116	1.6031	0.0003	0.1112	0.0000	0.0000	0.0000	
2016-08-09 10:45:00	0.4126	1.6031	0.0007	0.1112	0.0000	0.0000	0.0000	
2016-08-09 11:00:00	0.8472	1.6031	0.0014	0.1112	0.0001	0.0000	0.0000	
2016-08-09 11:15:00	1.0379	1.6031	0.0017	0.1112	0.0001	0.0000	0.0000	
2016-08-09 11:30:00	0.7632	1.6031	0.0012	0.1112	0.0001	0.0000	0.0000	
2016-08-09 11:45:00	0.0571	1.6031	0.0001	0.1112	0.0000	0.0000	0.0000	
2016-08-09 12:00:00	0.0183	1.6031	0.0000	0.1112	0.0000	0.0000	0.0000	
2016-08-09 12:15:00	0.0386	1.6031	0.0001	0.1112	0.0000	0.0000	0.0000	
2016-08-09 12:30:00	0.1186	1.6031	0.0002	0.1112	0.0000	0.0000	0.0000	
2016-08-09 12:45:00	0.2033	1.6031	0.0003	0.1112	0.0000	0.0000	0.0000	
2016-08-09 13:00:00	0.4448	1.6031	0.0007	0.1112	0.0000	0.0000	0.0000	
2016-08-09 13:15:00	0.4731	1.6031	0.0008	0.1112	0.0001	0.0000	0.0000	
2016-08-09 13:30:00	0.7514	1.6031	0.0012	0.1112	0.0001	0.0000	0.0000	
2016-08-09 13:45:00	0.7761	1.6031	0.0012	0.1112	0.0001	0.0000	0.0000	
2016-08-09 14:00:00	0.1008	1.6031	0.0002	0.1112	0.0000	0.0000	0.0000	
2016-08-09 14:15:00	0.0000	1.6031	0.0000	0.1112	0.0000	0.0000	0.0000	
2016-08-09 14:30:00	0.0000	1.6031	0.0000	0.1453	0.0000	0.0000	0.0000	
2016-08-09 14:45:00	0.0000	1.6031	0.0000	0.2197	0.0000	0.0000	0.0000	
2016-08-09 15:00:00	0.0000	1.6031	0.0000	0.2197	0.0000	0.0000	0.0000	
2016-08-09 15:15:00	0.0000	1.6031	0.0000	0.1607	0.0000	0.0000	0.0000	
2016-08-09 15:30:00	0.0000	1.6031	0.0000	0.1556	0.0000	0.0000	0.0000	
2016-08-09 15:45:00	0.0000	1.6031	0.0000	0.1988	0.0000	0.0000	0.0000	
2016-08-09 16:00:00	0.0184	1.6031	0.0000	0.2163	0.0000	0.0000	0.0000	
2016-08-09 16:15:00	0.2370	1.6031	0.0004	0.2163	0.0001	0.0000	0.0000	
2016-08-09 16:30:00	0.3869	1.6031	0.0006	0.2163	0.0001	0.0000	0.0000	
2016-08-09 16:45:00	0.6028	1.6031	0.0010	0.2163	0.0001	0.0000	0.0000	
2016-08-09 17:00:00	0.8633	1.6031	0.0014	0.2163	0.0002	0.0000	0.0000	
2016-08-09 17:15:00	1.8393	1.6031	0.0029	0.2163	0.0004	0.0000	0.0000	
2016-08-09 17:30:00	1.0994	1.6031	0.0018	0.2163	0.0002	0.0000	0.0000	
2016-08-09 17:45:00	1.3171	1.6031	0.0021	0.2163	0.0003	0.0000	0.0000	
2016-08-09 18:00:00	0.5983	1.6031	0.0010	0.2163	0.0001	0.0000	0.0000	
2016-08-09 18:15:00	0.9333	1.6031	0.0015	0.2163	0.0002	0.0000	0.0000	
	1.0776	1.6031	0.0032	0.2163	0.0004	0.0000	0.0000	
2016-08-09 18:30:00	1.9776	1.0031	0.0032	0.12200				
2016-08-09 18:30:00 2016-08-09 18:45:00	2.5145	1.6031	0.0040	0.2163	0.0005	0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-08-09 19:30:00	1.1317	1.6031	0.0018	0.2163	0.0002	0.0000	0.0000	
2016-08-09 19:45:00	1.3111	1.6031	0.0021	0.2163	0.0003	0.0000	0.0000	
2016-08-09 20:00:00	1.3476	1.6031	0.0022	0.2163	0.0003	0.0000	0.0000	
2016-08-09 20:15:00	1.4541	1.6031	0.0023	0.2163	0.0003	0.0000	0.0000	
2016-08-09 20:30:00	1.2187	1.6031	0.0020	0.2163	0.0003	0.0000	0.0000	
2016-08-09 20:45:00	0.5815	1.6031	0.0009	0.2163	0.0001	0.0000	0.0000	
2016-08-09 21:00:00	0.7694	1.6031	0.0012	0.2163	0.0002	0.0000	0.0000	
2016-08-09 21:15:00	2.2824	1.6031	0.0037	0.2163	0.0005	0.0000	0.0000	
2016-08-09 21:30:00	3.0706	1.6031	0.0049	0.2163	0.0007	0.0000	0.0000	
2016-08-09 21:45:00	1.5457	1.6031	0.0025	0.2163	0.0003	0.0000	0.0000	
2016-08-09 22:00:00	2.3077	1.6031	0.0037	0.2163	0.0005	0.0000	0.0000	
2016-08-09 22:15:00	1.1286	1.6031	0.0018	0.2163	0.0002	0.0000	0.0000	
2016-08-09 22:30:00	1.0298	1.6031	0.0017	0.2163	0.0002	0.0000	0.0000	
2016-08-09 22:45:00	1.6460	1.6031	0.0026 0.0027	0.2163	0.0004 0.0004	0.0000 0.0000	0.0000	
2016-08-09 23:00:00	1.6833	1.6031	0.0027	0.2163			0.0000	
2016-08-09 23:15:00	2.3281	1.6031	0.0037	0.2163	0.0005	0.0000	0.0000	
2016-08-09 23:30:00	1.6565	1.6031		0.2163	0.0004	0.0000	0.0000	
2016-08-09 23:45:00	2.0488	1.6031	0.0033	0.2163	0.0004	0.0000	0.0000	
2016-08-10 00:00:00	1.2755	1.6031	0.0020	0.2163	0.0003	0.0000	0.0000	
2016-08-10 00:15:00 2016-08-10 00:30:00	2.3062	1.6031 1.6031	0.0037 0.0016	0.2163 0.2163	0.0005 0.0002	0.0000 0.0000	0.0000	
2016-08-10 00:30:00 2016-08-10 00:45:00	1.0014 0.0728	1.6031 1.6031	0.0016 0.0001	0.2163 0.2163	0.0002	0.0000	0.0000	
		1.6031	0.0001	0.2163	0.0000	0.0000	0.0000	
2016-08-10 01:00:00 2016-08-10 01:15:00	2.3755 1.7090	1.6031	0.0038	0.2163	0.0005	0.0000	0.0000	
2016-08-10 01:15:00 2016-08-10 01:30:00	1.7090 0.0000	1.6031	0.0027	0.2163	0.0004	0.0000	0.0000	
2016-08-10 01:30:00 2016-08-10 01:45:00	0.0000	1.6031	0.0000	0.2163	0.0000	0.0000	0.0000	
2016-08-10 01:45:00 2016-08-10 02:00:00	0.0000	1.6031	0.0000	0.2163	0.0000	0.0000	0.0000	
2016-08-10 02:00:00	0.0000	1.6031	0.0000	0.2163	0.0000	0.0000	0.0000	
2016-08-10 02:15:00	0.0000	1.6031	0.0000	0.2163	0.0000	0.0000	0.0000	
2016-08-10 02:35:00	0.0000	1.6031	0.0000	0.2163	0.0000	0.0000	0.0000	
2016-08-10 02:43:00	0.0000	1.6031	0.0000	0.2103	0.0000	0.0000	0.0000	
2016-08-10 03:00:00	0.0000	1.6031	0.0000	0.1823	0.0000	0.0000	0.0000	
2016-08-10 03:15:00	0.0000	1.6031	0.0000	0.2115	0.0000	0.0000	0.0000	
2016-08-10 03:45:00	0.0000	1.6031	0.0000	0.2115	0.0000	0.0000	0.0000	
2016-08-10 04:00:00	0.0000	1.6031	0.0000	0.2453	0.0000	0.0000	0.0000	
2016-08-10 04:15:00	0.0000	1.6031	0.0000	0.2560	0.0000	0.0000	0.0000	
2016-08-10 04:30:00	0.0000	1.6031	0.0000	0.2730	0.0000	0.0000	0.0000	
2016-08-10 04:45:00	0.0000	1.6031	0.0000	0.2087	0.0000	0.0000	0.0000	
2016-08-10 05:00:00	0.0000	1.6031	0.0000	0.2087	0.0000	0.0000	0.0000	
2016-08-10 05:15:00	0.0000	1.6031	0.0000	0.2928	0.0000	0.0000	0.0000	
2016-08-10 05:30:00	0.0000	1.6031	0.0000	0.2505	0.0000	0.0000	0.0000	
2016-08-10 05:45:00	0.0000	1.6031	0.0000	0.2643	0.0000	0.0000	0.0000	
2016-08-10 06:00:00	0.0000	1.6031	0.0000	0.3207	0.0000	0.0000	0.0000	
2016-08-10 06:15:00	0.4480	1.6031	0.0007	0.3207	0.0001	0.0000	0.0000	
2016-08-10 06:30:00	0.0000	1.6031	0.0000	0.2811	0.0000	0.0000	0.0000	
2016-08-10 06:45:00	0.0000	1.6031	0.0000	0.2067	0.0000	0.0000	0.0000	
2016-08-10 07:00:00	0.0000	1.6031	0.0000	0.2357	0.0000	0.0000	0.0000	
2016-08-10 07:15:00	0.0000	1.6031	0.0000	0.2834	0.0000	0.0000	0.0000	
2016-08-10 07:30:00	0.0000	1.6031	0.0000	0.3227	0.0000	0.0000	0.0000	
2016-08-10 07:45:00	0.0000	1.6031	0.0000	0.2721	0.0000	0.0000	0.0000	
2016-08-10 08:00:00	0.0000	1.6031	0.0000	0.2094	0.0000	0.0000	0.0000	
2016-08-10 08:15:00	0.0000	1.6031	0.0000	0.1253	0.0000	0.0000	0.0000	
2016-08-10 08:30:00	0.0192	1.6031	0.0000	0.1683	0.0000	0.0000	0.0000	
2016-08-10 08:45:00	0.4398	1.6031	0.0007	0.2288	0.0001	0.0000	0.0000	
2016-08-10 09:00:00	0.8685	0.8349	0.0007	0.1758	0.0002	0.0000	0.0000	
2016-08-10 09:15:00	0.0436	0.0000	0.0000	0.2733	0.0000	0.0000	0.0000	
2016-08-10 09:30:00	0.0000	0.0000	0.0000	0.2733	0.0000	0.0000	0.0000	
2016-08-10 09:45:00	0.0000	0.0000	0.0000	0.2733	0.0000	0.0000	0.0000	
2016-08-10 10:00:00	0.0000	0.0000	0.0000	0.2733	0.0000	0.0000	0.0000	
2016-08-10 10:15:00	0.0804	0.0000	0.0000	0.2733	0.0000	0.0000	0.0000	
2016-08-10 10:30:00	0.1913	0.0000	0.0000	0.2733	0.0001	0.0000	0.0000	
2016-08-10 10:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 11:00:00	0.1329	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 11:15:00	0.0776	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 11:30:00	0.2247	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 11:45:00	0.0396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 12:00:00	0.0569	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 12:15:00	0.2709	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 12:30:00	0.1545	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 12:45:00	0.1354	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 13:00:00	0.0569	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 13:15:00	0.1688	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
				I			I	
2016-08-10 13:30:00	0.7247	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-10 13:30:00 2016-08-10 13:45:00	0.7247 0.4173	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000 0.0000	0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	No		NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-10 14:15:00	0.1359	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-10 14:30:00	0.4815	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-10 14:45:00	0.5473	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-10 15:00:00 2016-08-10 15:15:00	0.7239 0.7187	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-10 15:15:00	1.1498	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-10 15:45:00	0.3693	0.0000	0.0000	0.1912	0.0001	0.0000	0.0000
2016-08-10 15:43:00	0.4598	0.0000	0.0000	0.2739	0.0001	0.0000	0.0000
2016-08-10 16:15:00	0.2198	0.0000	0.0000	0.2341	0.0001	0.0000	0.0000
2016-08-10 16:30:00	0.1558	0.0000	0.0000	0.1637	0.0000	0.0000	0.0000
2016-08-10 16:45:00	0.0588	0.0000	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-10 17:00:00	0.1124	0.0000	0.0000	0.1181	0.0000	0.0000	0.0000
2016-08-10 17:15:00	0.0188	0.0000	0.0000	0.1207	0.0000	0.0000	0.0000
2016-08-10 17:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 17:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 18:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 18:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 18:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 18:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 19:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 19:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 19:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 19:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 20:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 20:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 20:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 20:45:00 2016-08-10 21:00:00	0.0000 0.0000	0.0000 0.0000	0.0000	0.2307 0.2307	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-10 21:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 21:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 21:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 22:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 22:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 22:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 22:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 23:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 23:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 23:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-10 23:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 00:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 00:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 00:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 00:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 01:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 01:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 01:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 01:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 02:00:00 2016-08-11 02:15:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.2307 0.2307	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-11 02:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 02:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 03:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 03:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 03:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 03:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 04:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 04:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 04:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 04:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 05:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 05:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 05:30:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 05:45:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 06:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 06:15:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 06:30:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.2307 0.2307	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-11 06:45:00 2016-08-11 07:00:00	0.0000	0.0000	0.0000	0.2307	0.0000	0.0000	0.0000
2016-08-11 07:00:00	0.0000	0.0000	0.0000	0.1876	0.0000	0.0000	0.0000
2016-08-11 07:30:00	1.9557	0.0000	0.0000	0.1160	0.0000	0.0000	0.0000
2016-08-11 07:45:00	2.7228	0.0000	0.0000	0.1160	0.0002	0.0000	0.0000
2016-08-11 07:43:00	1.7050	0.0000	0.0000	0.1160	0.0003	0.0000	0.0000
2016-08-11 08:15:00	3.1660	0.0000	0.0000	0.1160	0.0004	0.0000	0.0000
2016-08-11 08:30:00	3.6553	0.0000	0.0000	0.1160	0.0004	0.0000	0.0000
2016-08-11 08:45:00	3.1852	0.0000	0.0000	0.1160	0.0004	0.0000	0.0000
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		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-11 09:00:00	2.0480	0.0000	0.0000	0.1160	0.0002	0.0000	0.0000
2016-08-11 09:15:00	2.8192	0.0000	0.0000	0.1160	0.0003	0.0000	0.0000
2016-08-11 09:30:00	3.3363	0.0000	0.0000	0.1160	0.0004	0.0000	0.0000
2016-08-11 09:45:00	4.3613	0.0000	0.0000	0.1160	0.0005	0.0000	0.0000
2016-08-11 10:00:00	6.8936	0.0000	0.0000	0.1160	0.0008	0.0000	0.0000
2016-08-11 10:15:00	8.2238	0.0000	0.0000	0.1160	0.0010	0.0000	0.0000
2016-08-11 10:30:00	8.2485	0.0000	0.0000	0.1160	0.0010	0.0000	0.0000
2016-08-11 10:45:00	6.9670	0.0000	0.0000	0.1160	0.0008	0.0000	0.0000
2016-08-11 11:00:00	6.9200	0.0000	0.0000	0.1160	0.0008	0.0000	0.0000
2016-08-11 11:15:00	6.9173	0.0000	0.0000	0.1160	0.0008	0.0000	0.0000
2016-08-11 11:30:00	6.4588	0.0000	0.0000	0.1160	0.0007	0.0000	0.0000
2016-08-11 11:45:00	6.0109	0.0000	0.0000	0.1160	0.0007	0.0000	0.0000
2016-08-11 12:00:00	5.9056	0.0000	0.0000	0.1160	0.0007	0.0000	0.0000
2016-08-11 12:15:00	5.3415	0.0000	0.0000	0.1160	0.0006	0.0000	0.0000
2016-08-11 12:30:00	5.1773	0.0000	0.0000	0.1160	0.0006	0.0000	0.0000
2016-08-11 12:45:00	4.9193	0.0000	0.0000	0.1160	0.0006	0.0000	0.0000
2016-08-11 13:00:00	3.7573	0.0000	0.0000	0.1160	0.0004	0.0000	0.0000
2016-08-11 13:15:00 2016-08-11 13:30:00	4.1940	0.0000 0.0000	0.0000 0.0000	0.1160	0.0005 0.0004	0.0000 0.0000	0.0000 0.0000
2016-08-11 13:30:00	3.4861	0.0000		0.1160		0.0000	
2016-08-11 13:45:00 2016-08-11 14:00:00	2.3798 1.3786	0.0000	0.0000 0.0000	0.1160 0.1160	0.0003 0.0002	0.0000	0.0000 0.0000
2016-08-11 14:00:00 2016-08-11 14:15:00	1.3786 0.2885	0.0000	0.0000	0.1160 0.1160	0.0002	0.0000	0.0000
2016-08-11 14:15:00	0.2885	0.0000	0.0000	0.1160	0.0000	0.0000	0.0000
2016-08-11 14:45:00	0.1976	0.0000	0.0000	0.1160	0.0000	0.0000	0.0000
2016-08-11 15:00:00	0.1976	0.0000	0.0000	0.1160	0.0001	0.0000	0.0000
2016-08-11 15:15:00	0.0396	0.0000	0.0000	0.1160	0.0000	0.0000	0.0000
2016-08-11 15:30:00	0.2281	0.0000	0.0000	0.1160	0.0000	0.0000	0.0000
2016-08-11 15:45:00	0.3837	0.0000	0.0000	0.1160	0.0000	0.0000	0.0000
2016-08-11 16:00:00	0.2289	0.0000	0.0000	0.1160	0.0000	0.0000	0.0000
2016-08-11 16:15:00	0.0000	0.0000	0.0000	0.2131	0.0000	0.0000	0.0000
2016-08-11 16:30:00	0.0000	0.0000	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-11 16:45:00	0.0000	0.0000	0.0000	0.2314	0.0000	0.0000	0.0000
2016-08-11 17:00:00	0.0000	0.0000	0.0000	0.2765	0.0000	0.0000	0.0000
2016-08-11 17:15:00	0.0000	0.0000	0.0000	0.3468	0.0000	0.0000	0.0000
2016-08-11 17:30:00	0.0000	0.0000	0.0000	0.3468	0.0000	0.0000	0.0000
2016-08-11 17:45:00	0.0000	0.0000	0.0000	0.3468	0.0000	0.0000	0.0000
2016-08-11 18:00:00	0.0000	0.0000	0.0000	0.2540	0.0000	0.0000	0.0000
2016-08-11 18:15:00	0.0000	0.0000	0.0000	0.1725	0.0000	0.0000	0.0000
2016-08-11 18:30:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 18:45:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 19:00:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 19:15:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 19:30:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 19:45:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 20:00:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 20:15:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 20:30:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 20:45:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 21:00:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 21:15:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 21:30:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 21:45:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 22:00:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 22:15:00	0.0000	0.0000	0.0000	0.1202	0.0000	0.0000	0.0000
2016-08-11 22:30:00	0.0000	0.0000	0.0000	0.1534	0.0000	0.0000	0.0000
2016-08-11 22:45:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-11 23:00:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-11 23:15:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-11 23:30:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-11 23:45:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 00:00:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 00:15:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 00:30:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 00:45:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 01:00:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 01:15:00	0.0459	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 01:30:00	0.0192	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 01:45:00	0.2859	0.0000	0.0000	0.2328	0.0001	0.0000	0.0000
2016-08-12 02:00:00	0.0960	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 02:15:00	0.0832	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 02:30:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 02:45:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 03:00:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 03:15:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 03:30:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-12 03:45:00	0.0807	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 04:00:00	0.0958	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 04:15:00	0.1528	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 04:30:00	0.4533	0.0000	0.0000	0.2328	0.0001	0.0000	0.0000
2016-08-12 04:45:00	0.8061	0.0000	0.0000	0.2328	0.0002	0.0000	0.0000
2016-08-12 05:00:00	0.6884	0.0000	0.0000	0.2328	0.0002	0.0000	0.0000
2016-08-12 05:15:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 05:30:00	0.0181	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 05:45:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 06:00:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 06:15:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 06:30:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 06:45:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 07:00:00	0.0000	0.0000	0.0000	0.2328	0.0000	0.0000	0.0000
2016-08-12 07:15:00	0.0000	0.0000	0.0000	0.1818	0.0000	0.0000	0.0000
2016-08-12 07:30:00	0.0000	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 07:45:00	0.0000	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 08:00:00	0.0000	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 08:15:00	0.0000	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 08:30:00	0.0000	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 08:45:00	0.0000	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 09:00:00	0.0386	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 09:15:00	0.0426	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 09:30:00	0.1284	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 09:45:00	0.1435	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 10:00:00	0.3653	0.0000	0.0000	0.2335	0.0001	0.0000	0.0000
2016-08-12 10:15:00	0.1863	0.0000	0.0000	0.2335	0.0000	0.0000	0.0000
2016-08-12 10:30:00	2.8793	0.0000	0.0000	0.2335	0.0007	0.0000	0.0000
2016-08-12 10:45:00	3.4741	0.0000	0.0000	0.2335	0.0008	0.0000	0.0000
2016-08-12 11:00:00	3.5763	0.0000	0.0000	0.2335	0.0008	0.0000	0.0000
2016-08-12 11:15:00	4.6191	0.0000	0.0000	0.2335	0.0011	0.0000	0.0000
2016-08-12 11:30:00	4.4325	0.0000	0.0000	0.2335	0.0010	0.0000	0.0000
2016-08-12 11:45:00	4.1797	0.0000	0.0000	0.2335	0.0010	0.0000	0.0000
2016-08-12 12:00:00	2.5738	0.0000	0.0000	0.2335	0.0006	0.0000	0.0000
2016-08-12 12:15:00	2.4327	0.0000	0.0000	0.2335	0.0006	0.0000	0.0000
2016-08-12 12:30:00	2.8913	0.0000	0.0000	0.2262	0.0007	0.0000	0.0000
2016-08-12 12:45:00	2.9158	0.0000	0.0000	0.2362	0.0007	0.0000	0.0000
2016-08-12 13:00:00	2.6847	0.0000	0.0000	0.2362	0.0006	0.0000	0.0000
2016-08-12 13:15:00	3.1995	0.0000	0.0000	0.2035	0.0007	0.0000	0.0000
2016-08-12 13:30:00	3.1818	0.0000	0.0000	0.2087	0.0007	0.0000	0.0000
2016-08-12 13:45:00	3.2716	0.0000	0.0000	0.2087	0.0007	0.0000	0.0000
2016-08-12 14:00:00	1.6865	0.0000	0.0000	0.2087	0.0004	0.0000	0.0000
2016-08-12 14:15:00	1.3448	0.0000	0.0000	0.2087	0.0003	0.0000	0.0000
2016-08-12 14:30:00	2.0428	0.0000	0.0000	0.2087	0.0004	0.0000	0.0000
2016-08-12 14:45:00	1.8660	0.0000	0.0000	0.2087	0.0004	0.0000	0.0000
2016-08-12 15:00:00	2.6828	0.0000	0.0000	0.2049	0.0005	0.0000	0.0000
2016-08-12 15:15:00	1.9053	0.0000	0.0000	0.2156	0.0004	0.0000	0.0000
2016-08-12 15:30:00	2.9057	0.0000	0.0000	0.1784	0.0005	0.0000	0.0000
2016-08-12 15:45:00	2.6626	0.0000	0.0000	0.1998	0.0005	0.0000	0.0000
2016-08-12 16:00:00	2.8329	0.0000	0.0000	0.1928	0.0005	0.0000	0.0000
2016-08-12 16:15:00	1.9158	0.0000	0.0000	0.1691	0.0003	0.0000	0.0000
2016-08-12 16:30:00	2.4087	0.0000	0.0000	0.1423	0.0003	0.0000	0.0000
2016-08-12 16:45:00	1.1624	0.0000	0.0000	0.2173	0.0003	0.0000	0.0000
2016-08-12 17:00:00	0.7415	0.0000	0.0000	0.2040	0.0002	0.0000	0.0000
2016-08-12 17:15:00	1.9171	0.0000	0.0000	0.1943	0.0004	0.0000	0.0000
2016-08-12 17:30:00	2.5538	0.0000	0.0000	0.2695	0.0007	0.0000	0.0000
2016-08-12 17:45:00	1.0752	0.0000	0.0000	0.2280	0.0002	0.0000	0.0000
2016-08-12 18:00:00	0.4300	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-12 18:15:00	0.9811	0.0000	0.0000	0.2280	0.0002	0.0000	0.0000
2016-08-12 18:30:00	0.2261	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-12 18:45:00	0.5805	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-12 19:00:00	0.1107	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 19:15:00	0.1987	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 19:30:00	0.3807	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-12 19:45:00	0.1213	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 20:00:00	0.1436	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 20:15:00	0.1938	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 20:30:00	0.5379	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-12 20:45:00	0.1756	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 21:00:00	0.0575	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 21:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 21:30:00	0.0179	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 21:45:00	0.5661	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-12 22:00:00	0.4595	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-12 22:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
1	1		1	1			1 2.5000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-12 22:30:00	0.0613	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 22:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 23:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 23:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 23:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-12 23:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 00:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 00:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 00:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 00:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 01:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 01:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 01:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 01:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 02:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 02:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 02:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 02:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 03:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 03:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 03:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 03:45:00	0.0000	0.0000	0.0000 0.0000	0.2280 0.2280	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-13 04:00:00 2016-08-13 04:15:00	0.0000 0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 04:15:00 2016-08-13 04:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 04:30:00 2016-08-13 04:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 04:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 05:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 05:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 05:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 06:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 06:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 06:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 06:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 07:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 07:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 07:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 07:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 08:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 08:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 08:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 08:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 09:00:00	0.0200	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 09:15:00	0.9180	0.0000	0.0000	0.2280	0.0002	0.0000	0.0000
2016-08-13 09:30:00	2.2348	0.0000	0.0000	0.2280	0.0005	0.0000	0.0000
2016-08-13 09:45:00	1.7351	0.0000	0.0000	0.2280	0.0004	0.0000	0.0000
2016-08-13 10:00:00	0.4457	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-13 10:15:00	0.8430	0.0000	0.0000	0.2280	0.0002	0.0000	0.0000
2016-08-13 10:30:00	2.0381	0.0000	0.0000	0.2280	0.0005	0.0000	0.0000
2016-08-13 10:45:00	1.7538	0.0000	0.0000	0.2280	0.0004	0.0000	0.0000
2016-08-13 11:00:00	1.1471	0.0000	0.0000	0.2280	0.0003	0.0000	0.0000
2016-08-13 11:15:00	0.8944	0.0000	0.0000	0.2280	0.0002	0.0000	0.0000
2016-08-13 11:30:00	2.3454	0.0000	0.0000	0.2280	0.0005	0.0000	0.0000
2016-08-13 11:45:00	1.6681	0.0000	0.0000	0.2280	0.0004	0.0000	0.0000
2016-08-13 12:00:00	0.9745	0.0000	0.0000	0.2280	0.0002	0.0000	0.0000
2016-08-13 12:15:00	1.4475	0.0000	0.0000	0.2280	0.0003	0.0000	0.0000
2016-08-13 12:30:00	1.0260	0.0000	0.0000	0.2280	0.0002	0.0000	0.0000
2016-08-13 12:45:00	0.2438	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-13 13:00:00	0.6652	0.0000	0.0000	0.2280	0.0002	0.0000	0.0000
2016-08-13 13:15:00	0.6967	0.0000	0.0000	0.2280	0.0002	0.0000	0.0000
2016-08-13 13:30:00	0.4605	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-13 13:45:00	0.0385	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 14:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 14:15:00	0.0409	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 14:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 14:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 15:00:00	0.4394	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-13 15:15:00	0.3538	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-13 15:30:00	1.3318	0.0000	0.0000	0.2280	0.0003	0.0000	0.0000
2016-08-13 15:45:00	1.1930	0.0000	0.0000	0.2280	0.0003	0.0000	0.0000
2016-08-13 16:00:00	0.9885	0.0000	0.0000	0.2280	0.0002	0.0000	0.0000
2016-08-13 16:15:00	0.3664	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
			0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-13 16:30:00	0.3481	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-13 16:30:00 2016-08-13 16:45:00	0.3481 0.2168	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-13 17:15:00	0.5616	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-13 17:30:00	0.3442	0.0000	0.0000	0.2280	0.0001	0.0000	0.0000
2016-08-13 17:45:00	0.0376	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 18:00:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.2280 0.2280	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-13 18:15:00 2016-08-13 18:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 18:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 18:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 19:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 19:13:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 19:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 20:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 20:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 20:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 20:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 21:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 21:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 21:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 21:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 22:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 22:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 22:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 22:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 23:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 23:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 23:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-13 23:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 00:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 00:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 00:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 00:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 01:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 01:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 01:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 01:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 02:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 02:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 02:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 02:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 03:00:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 03:15:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 03:30:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 03:45:00	0.0000	0.0000	0.0000	0.2280	0.0000	0.0000	0.0000
2016-08-14 04:00:00	0.0000	0.0000	0.0000	0.3423	0.0000	0.0000	0.0000
2016-08-14 04:15:00	0.0000	0.0000	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-14 04:30:00	0.0000	0.0000	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-14 04:45:00	0.0000	0.0000	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-14 05:00:00	0.0000	0.0000	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-14 05:15:00	0.0000	0.0000	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-14 05:30:00	0.0000	0.0000	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-14 05:45:00 2016-08-14 06:00:00	0.0188 0.0000	0.0000 0.0000	0.0000 0.0000	0.2438 0.2438	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-14 06:00:00	0.0000	0.0000	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-14 06:15:00	0.0000	0.0000	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-14 06:30:00	0.0000	0.0000	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-14 07:00:00	0.0000	0.0000	0.0000	0.2438	0.0000	0.0000	0.0000
2016-08-14 07:00:00	0.0000	0.0000	0.0000	0.1688	0.0000	0.0000	0.0000
2016-08-14 07:30:00	0.0000	0.0000	0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-14 07:35:00	0.0000	0.0000	0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-14 07:43:00	0.0000	0.0000	0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-14 08:05:00	0.0000	0.0000	0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-14 08:30:00	0.0000	0.0000	0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-14 08:45:00	0.0000	0.0000	0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-14 09:00:00	0.0000	0.0000	0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-14 09:15:00	0.0000	0.0000	0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-14 09:30:00	0.0190	0.0000	0.0000	0.2451	0.0000	0.0000	0.0000
2016-08-14 09:45:00	0.6470	0.0000	0.0000	0.2451	0.0002	0.0000	0.0000
2016-08-14 10:00:00	0.0768	0.0000	0.0000	0.2451	0.0002	0.0000	0.0000
2016-08-14 10:15:00	2.4671	0.0000	0.0000	0.2451	0.0006	0.0000	0.0000
2016-08-14 10:30:00	0.8856	0.0000	0.0000	0.2451	0.0002	0.0000	0.0000
2016-08-14 10:45:00	3.6428	0.0000	0.0000	0.2451	0.0009	0.0000	0.0000
2016-08-14 11:00:00	3.1879	0.0000	0.0000	0.2451	0.0008	0.0000	0.0000
	3.1879 1.9357	0.0000 0.0000	0.0000 0.0000	0.2451 0.2451	0.0008	0.0000	0.0000
2016-08-14 11:00:00							

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-14 12:00:00	0.0000	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 12:15:00	0.0000	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 12:30:00	0.0000	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 12:45:00	0.0000	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 13:00:00	0.0186	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 13:15:00	0.0000	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 13:30:00	0.0000	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 13:45:00	0.0000	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 14:00:00	0.0000	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 14:15:00	0.0000	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 14:30:00	0.0192	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 14:45:00	0.0198	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 15:00:00	0.0576	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 15:15:00	0.3770	0.0000	0.0000	0.1318	0.0000	0.0000	0.0000
2016-08-14 15:30:00	0.0000	0.0000	0.0000	0.2364	0.0000	0.0000	0.0000
2016-08-14 15:45:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-14 16:00:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-14 16:15:00	0.1636	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-14 16:30:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-14 16:45:00	0.0185	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-14 17:00:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-14 17:15:00	0.2588	0.0000	0.0000	0.2465	0.0001	0.0000	0.0000
2016-08-14 17:30:00 2016-08-14 17:45:00	2.0887 3.1890	0.0000 0.0000	0.0000 0.0000	0.2465 0.2465	0.0005 0.0008	0.0000 0.0000	0.0000 0.0000
2016-08-14 17:45:00 2016-08-14 18:00:00	3.1890 2.9506	0.0000	0.0000	0.2465	0.0008	0.0000	0.0000
	4.1810	0.0000	0.0000	0.2465	0.0007	0.0000	0.0000
2016-08-14 18:15:00	4.1810 3.8477	0.0000	0.0000	0.2465	0.0010	0.0000	0.0000
2016-08-14 18:30:00 2016-08-14 18:45:00	4.1568	0.0000	0.0000	0.2465	0.0009	0.0000	0.0000
2016-08-14 18:45:00	4.1566 2.7321	0.0000	0.0000	0.2465	0.0010	0.0000	0.0000
2016-08-14 19:00:00	2.8350	0.0000	0.0000	0.2465	0.0007	0.0000	0.0000
2016-08-14 19:30:00	2.9721	0.0000	0.0000	0.2465	0.0007	0.0000	0.0000
2016-08-14 19:45:00	1.2426	0.0000	0.0000	0.2465	0.0007	0.0000	0.0000
2016-08-14 19:49:00	1.6499	0.0000	0.0000	0.2465	0.0003	0.0000	0.0000
2016-08-14 20:15:00	1.7127	0.0000	0.0000	0.2465	0.0004	0.0000	0.0000
2016-08-14 20:30:00	0.6903	0.0000	0.0000	0.2465	0.0002	0.0000	0.0000
2016-08-14 20:45:00	2.1623	0.0000	0.0000	0.2465	0.0005	0.0000	0.0000
2016-08-14 21:00:00	3.2527	0.0000	0.0000	0.2465	0.0008	0.0000	0.0000
2016-08-14 21:15:00	2.7134	0.0000	0.0000	0.2465	0.0007	0.0000	0.0000
2016-08-14 21:30:00	1.8861	0.0000	0.0000	0.2465	0.0005	0.0000	0.0000
2016-08-14 21:45:00	2.0049	0.0000	0.0000	0.2465	0.0005	0.0000	0.0000
2016-08-14 22:00:00	1.1876	0.0000	0.0000	0.2465	0.0003	0.0000	0.0000
2016-08-14 22:15:00	1.1368	0.0000	0.0000	0.2465	0.0003	0.0000	0.0000
2016-08-14 22:30:00	1.6682	0.0000	0.0000	0.2465	0.0004	0.0000	0.0000
2016-08-14 22:45:00	2.0182	0.0000	0.0000	0.2465	0.0005	0.0000	0.0000
2016-08-14 23:00:00	0.9783	0.0000	0.0000	0.2465	0.0002	0.0000	0.0000
2016-08-14 23:15:00	1.8247	0.0000	0.0000	0.2465	0.0004	0.0000	0.0000
2016-08-14 23:30:00	0.5195	0.0000	0.0000	0.2465	0.0001	0.0000	0.0000
2016-08-14 23:45:00	0.3809	0.0000	0.0000	0.2465	0.0001	0.0000	0.0000
2016-08-15 00:00:00	0.1378	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 00:15:00	0.3073	0.0000	0.0000	0.2465	0.0001	0.0000	0.0000
2016-08-15 00:30:00	0.1007	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 00:45:00	0.6229	0.0000	0.0000	0.2465	0.0002	0.0000	0.0000
2016-08-15 01:00:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 01:15:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 01:30:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 01:45:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 02:00:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 02:15:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 02:30:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 02:45:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 03:00:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 03:15:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 03:30:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 03:45:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 04:00:00	0.0000	0.0000	0.0000	0.2465	0.0000	0.0000	0.0000
2016-08-15 04:15:00	0.0000	0.0000	0.0000	0.6083	0.0000	0.0000	0.0000
2016-08-15 04:30:00	0.0000	0.0000	0.0000	0.5448	0.0000	0.0000	0.0000
2016-08-15 04:45:00	0.0000	0.0000	0.0000	0.3729	0.0000	0.0000	0.0000
2016-08-15 05:00:00	0.2226	0.0000	0.0000	0.2800	0.0001	0.0000	0.0000
2016-08-15 05:15:00	0.0000	0.0000	0.0000	0.2486	0.0000	0.0000	0.0000
2016-08-15 05:30:00	0.0000	0.0000	0.0000	0.2486	0.0000	0.0000	0.0000
2016-08-15 05:45:00	0.0000	0.0000	0.0000	0.2486	0.0000	0.0000	0.0000
2010 00 15 05: 15:00							
2016-08-15 06:00:00	0.0000	0.0000	0.0000	0.2486	0.0000	0.0000	0.0000
	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.2486 0.2486	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-15 06:45:00	0.0000	0.0000	0.0000	0.2486	0.0000	0.0000	0.0000
2016-08-15 07:00:00	0.1400	0.0000	0.0000	0.2486	0.0000	0.0000	0.0000
2016-08-15 07:15:00	0.0000	0.0000	0.0000	0.2027	0.0000	0.0000	0.0000
2016-08-15 07:30:00	0.0000	0.0000	0.0000	0.1332	0.0000	0.0000	0.0000
2016-08-15 07:45:00	0.0000	0.0000	0.0000	0.1332	0.0000	0.0000	0.0000
2016-08-15 08:00:00	0.0000	0.0000	0.0000	0.1332	0.0000	0.0000	0.0000
2016-08-15 08:15:00	0.0186	0.0000 0.0000	0.0000 0.0000	0.1332 0.1332	0.0000	0.0000	0.0000
2016-08-15 08:30:00 2016-08-15 08:45:00	1.0912 1.0850	0.0000	0.0000	0.1332	0.0001 0.0001	0.0000 0.0000	0.0000
			0.0000	0.1332	0.0001	0.0000	0.0000
2016-08-15 09:00:00	0.2607	0.0000	0.0000	0.1332	0.0000	0.0000	0.0000
2016-08-15 09:15:00	0.0000				0.0000	0.0000	0.0000
2016-08-15 09:30:00 2016-08-15 09:45:00	0.0000 0.0000	0.0000	0.0000 0.0000	0.1332 0.1332	0.0000	0.0000	0.0000
2016-08-15 09:45:00	0.0000	0.0000	0.0000	0.1332	0.0000	0.0000	0.0000
2016-08-15 10:05:00	0.0462	0.0000	0.0000	0.1332	0.0000	0.0000	0.0000
2016-08-15 10:30:00	0.2268	0.0000	0.0000	0.1332	0.0000	0.0000	0.0000
2016-08-15 10:30:00	0.2268	0.0000	0.0000	0.1332	0.0000	0.0000	0.0000
2016-08-15 10:43:00	0.0000	0.0000	0.0000	0.2030	0.0001	0.0000	0.0000
2016-08-15 11:05:00	0.1003	0.0000	0.0000	0.1346	0.0000	0.0000	0.0000
2016-08-15 11:30:00	0.0000	0.0000	0.0000	0.1346	0.0000	0.0000	0.0000
2016-08-15 11:30:00	0.0000	0.0000	0.0000	0.1346	0.0000	0.0000	0.0000
2016-08-15 11:45.00	0.0192	0.0000	0.0000	0.1346	0.0000	0.0000	0.0000
2016-08-15 12:15:00	0.0000	0.0000	0.0000	0.1346	0.0000	0.0000	0.0000
2016-08-15 12:30:00	0.6889	0.0000	0.0000	0.2090	0.0001	0.0000	0.0000
2016-08-15 12:45:00	0.2931	0.0000	0.0000	0.1339	0.0000	0.0000	0.0000
2016-08-15 13:00:00	0.7983	0.0000	0.0000	0.1339	0.0001	0.0000	0.0000
2016-08-15 13:15:00	0.4505	0.0000	0.0000	0.2443	0.0001	0.0000	0.0000
2016-08-15 13:30:00	0.7311	0.0000	0.0000	0.2479	0.0002	0.0000	0.0000
2016-08-15 13:45:00	1.2177	0.0000	0.0000	0.2479	0.0003	0.0000	0.0000
2016-08-15 14:00:00	2.5611	0.0000	0.0000	0.2076	0.0005	0.0000	0.0000
2016-08-15 14:15:00	1.2214	0.0000	0.0000	0.2237	0.0003	0.0000	0.0000
2016-08-15 14:30:00	1.3000	0.0000	0.0000	0.2307	0.0003	0.0000	0.0000
2016-08-15 14:45:00	1.6505	0.0000	0.0000	0.2307	0.0004	0.0000	0.0000
2016-08-15 15:00:00	1.0867	0.0000	0.0000	0.2307	0.0003	0.0000	0.0000
2016-08-15 15:15:00	2.0917	0.0000	0.0000	0.2293	0.0005	0.0000	0.0000
2016-08-15 15:30:00	0.6039	0.0000	0.0000	0.2390	0.0001	0.0000	0.0000
2016-08-15 15:45:00	2.1178	0.0000	0.0000	0.2390	0.0005	0.0000	0.0000
2016-08-15 16:00:00	3.4267	0.0000	0.0000	0.2150	0.0007	0.0000	0.0000
2016-08-15 16:15:00	2.3079	0.0000	0.0000	0.1745	0.0004	0.0000	0.0000
2016-08-15 16:30:00	3.4704	0.0000	0.0000	0.0735	0.0003	0.0000	0.0000
2016-08-15 16:45:00	3.5567	0.0000	0.0000	0.1065	0.0004	0.0000	0.0000
2016-08-15 17:00:00	3.6728	0.0000	0.0000	0.1404	0.0005	0.0000	0.0000
2016-08-15 17:15:00	4.3461	0.0000	0.0000	0.1350	0.0006	0.0000	0.0000
2016-08-15 17:30:00	3.9112	0.0000	0.0000	0.1976	0.0008	0.0000	0.0000
2016-08-15 17:45:00	4.1905	0.0000	0.0000	0.2519	0.0011	0.0000	0.0000
2016-08-15 18:00:00	4.6708	0.0000	0.0000	0.2973	0.0014	0.0000	0.0000
2016-08-15 18:15:00	3.7536	0.0000	0.0000	0.2874	0.0011	0.0000	0.0000
2016-08-15 18:30:00	2.9786	0.0000	0.0000	0.2925	0.0009	0.0000	0.0000
2016-08-15 18:45:00	1.0265	0.0000	0.0000	0.2925	0.0003	0.0000	0.0000
2016-08-15 19:00:00	1.1575	0.0000	0.0000	0.2925	0.0003	0.0000	0.0000
2016-08-15 19:15:00	0.9072	0.0000	0.0000	0.2925	0.0003	0.0000	0.0000
2016-08-15 19:30:00	1.5997	0.0000	0.0000	0.2925	0.0005	0.0000	0.0000
2016-08-15 19:45:00	3.3009	0.0000	0.0000	0.2925	0.0010	0.0000	0.0000
2016-08-15 20:00:00	2.7411	0.0000	0.0000	0.2925	0.0008	0.0000	0.0000
2016-08-15 20:15:00	2.6224	0.0000	0.0000	0.2925	0.0008	0.0000	0.0000
2016-08-15 20:30:00	0.5225	0.0000	0.0000	0.2925	0.0002	0.0000	0.0000
2016-08-15 20:45:00	0.5719	0.0000	0.0000	0.2925	0.0002	0.0000	0.0000
2016-08-15 21:00:00	0.4587	0.0000	0.0000	0.2925	0.0001	0.0000	0.0000
2016-08-15 21:15:00	0.2299	0.0000	0.0000	0.2925	0.0001	0.0000	0.0000
2016-08-15 21:30:00	1.0206	0.0000	0.0000	0.2925	0.0003	0.0000	0.0000
2016-08-15 21:45:00	1.3860	0.0000	0.0000	0.2925	0.0004	0.0000	0.0000
2016-08-15 22:00:00	1.0022	0.0000	0.0000	0.2925	0.0003	0.0000	0.0000
2016-08-15 22:15:00	1.4505	0.0000	0.0000	0.2925	0.0004	0.0000	0.0000
2016-08-15 22:30:00	0.7121	0.0000	0.0000	0.2925	0.0002	0.0000	0.0000
2016-08-15 22:45:00	0.8956	0.0000	0.0000	0.2925	0.0003	0.0000	0.0000
2016-08-15 23:00:00	3.9092	0.0000	0.0000	0.2925	0.0011	0.0000	0.0000
2016-08-15 23:15:00	3.9435	0.0000	0.0000	0.2925	0.0012	0.0000	0.0000
2016-08-15 23:30:00	2.3981	0.0000	0.0000	0.2925	0.0007	0.0000	0.0000
2016-08-15 23:45:00	2.1158	0.0000	0.0000	0.2925	0.0006	0.0000	0.0000
	1.3711	0.0000	0.0000	0.2925	0.0004	0.0000	0.0000
2016-08-16 00:00:00							
2016-08-16 00:00:00 2016-08-16 00:15:00	0.2134	0.0000	0.0000	0.2925	0.0001	0.0000	0.0000
2016-08-16 00:00:00 2016-08-16 00:15:00 2016-08-16 00:30:00	0.2134 0.0187	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 00:00:00 2016-08-16 00:15:00 2016-08-16 00:30:00 2016-08-16 00:45:00	0.2134 0.0187 0.1342	0.0000 0.0000	0.0000 0.0000	0.2925 0.2925	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-16 00:00:00 2016-08-16 00:15:00 2016-08-16 00:30:00	0.2134 0.0187	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-16 01:30:00	0.0914	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 01:45:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 02:00:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 02:15:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 02:30:00	0.0179	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 02:45:00	0.2086	0.0000	0.0000	0.2925	0.0001	0.0000	0.0000
2016-08-16 03:00:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 03:15:00	0.2787	0.0000	0.0000	0.2925	0.0001	0.0000	0.0000
2016-08-16 03:30:00	0.4968	0.0000	0.0000	0.2925	0.0001	0.0000	0.0000
2016-08-16 03:45:00	0.1865	0.0000	0.0000	0.2925	0.0001	0.0000	0.0000
2016-08-16 04:00:00	0.0744	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 04:15:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 04:30:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 04:45:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 05:00:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 05:15:00	0.0379	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 05:30:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 05:45:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 06:00:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 06:15:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 06:30:00 2016-08-16 06:45:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 06:45:00 2016-08-16 07:00:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.2925 0.1819	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-16 07:15:00 2016-08-16 07:30:00	0.0000	0.0000	0.0000 0.0000	0.1799	0.0000	0.0000	0.0000 0.0000
	0.0000	0.0000		0.1799	0.0000	0.0000	
2016-08-16 07:45:00	0.0000	0.0000	0.0000	0.1799	0.0000	0.0000	0.0000 0.0000
2016-08-16 08:00:00	0.0000	0.0000	0.0000	0.1799	0.0000	0.0000	
2016-08-16 08:15:00 2016-08-16 08:30:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.1799 0.1799	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-16 08:45:00			0.0000	0.1799	0.0000	0.0000	0.0000
2016-08-16 09:00:00	0.0000 0.0000	0.0000 0.0000	0.0000	0.1799	0.0000	0.0000	0.0000
2016-08-16 09:00:00		0.0000	0.0000	0.1799	0.0000	0.0000	0.0000
2016-08-16 09:30:00	0.0000 0.0000	0.0000	0.0000	0.1799	0.0000	0.0000	0.0000
				0.1892			
2016-08-16 09:45:00	0.0000	0.0000 0.0000	0.0000 0.0000	0.2925	0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-16 10:00:00	0.0000				0.0000		
2016-08-16 10:15:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 10:30:00	0.0000	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 10:45:00	0.0000 0.0390	0.0000 0.0000	0.0000 0.0000	0.2925 0.2925	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-16 11:00:00 2016-08-16 11:15:00				0.2925	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000				
2016-08-16 11:30:00	0.0365	0.0000	0.0000	0.2925	0.0000	0.0000	0.0000
2016-08-16 11:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 12:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 12:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 12:30:00	0.0262 0.0181	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-16 12:45:00							
2016-08-16 13:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 13:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 13:30:00	0.0118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 13:45:00	0.3054 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-16 14:00:00							
2016-08-16 14:15:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-16 14:30:00 2016-08-16 14:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 14:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 15:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 15:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 15:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 16:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 16:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 16:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 16:45:00 2016-08-16 17:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 17:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 17:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 17:45:00							
2016-08-16 18:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 18:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 19:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 19:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 19:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
							• 0.0000
2016-08-16 19:45:00 2016-08-16 20:00:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-16 20:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 20:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 20:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 21:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 21:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 22:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 22:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 22:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 22:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 23:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 23:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 23:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-16 23:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 00:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 00:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 00:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000
2016-08-17 00:45:00 2016-08-17 01:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000	
2016-08-17 01:00:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000
2016-08-17 01:13:00	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 01:30:00	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 01:43:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 02:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 02:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 03:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 03:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 03:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 03:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 04:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 04:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 04:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 04:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 05:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 05:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 05:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 05:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 06:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 06:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 06:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 06:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 07:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 07:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 07:30:00	0.0000	6.8133	0.0000	0.0446	0.0000	0.0000	0.0000
2016-08-17 07:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 08:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 08:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 08:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 08:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 09:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 09:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 09:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 09:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 10:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 10:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 10:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 10:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 11:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 11:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 11:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 11:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 12:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 12:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 12:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 12:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 13:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 13:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 13:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 13:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 14:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 14:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 14:30:00 2016-08-17 14:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-17 15:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 15:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 15:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 15:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 16:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 16:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 16:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 16:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 17:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 17:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 17:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 17:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 18:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 18:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 19:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 19:15:00 2016-08-17 19:30:00	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000
	0.0000		0.0000	0.0000	0.0000 0.0000	0.0000	
2016-08-17 19:45:00 2016-08-17 20:00:00	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000
2016-08-17 20:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 20:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 20:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 21:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 21:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 22:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 22:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 22:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 22:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 23:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 23:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 23:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-17 23:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 00:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 00:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 00:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 00:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 01:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 01:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 01:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 01:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 02:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 02:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 02:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 03:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 03:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 03:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 03:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 04:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 04:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 04:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 04:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 05:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 05:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 05:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 05:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 06:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 06:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 06:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 06:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 07:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 07:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 07:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 07:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 08:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 08:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 08:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 08:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 09:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 09:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 09:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-18 09:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 10:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 10:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 10:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 10:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 11:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 11:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 11:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 11:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 12:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 12:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 12:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 12:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 13:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 13:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 13:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 13:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 14:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000
2016-08-18 14:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2016-08-18 14:30:00 2016-08-18 14:45:00	3.1661	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-18 14:45:00 2016-08-18 15:00:00	3.7691 3.2251	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 15:15:00	3.2919	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 15:15:00	3.2919 2.8547	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
				0.0000			0.0000
2016-08-18 15:45:00 2016-08-18 16:00:00	2.7196 3.3090	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-18 16:15:00	3.8772	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 16:30:00	3.4439	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 16:45:00	3.0866	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 17:00:00	2.4635	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 17:15:00	3.1301	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 17:30:00	2.8576	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 17:45:00	4.1282	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 18:00:00	4.7403	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 18:15:00	3.2418	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 18:30:00	4.5742	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 18:45:00	3.9445	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 19:00:00	2.5309	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 19:15:00	3.8949	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 19:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 19:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 20:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 20:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 20:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 20:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 21:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 21:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 21:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 21:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 22:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 22:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 22:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 22:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 23:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 23:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 23:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-18 23:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 00:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 00:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 00:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 00:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 01:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 01:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 01:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 01:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 02:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 02:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 02:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 02:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 03:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 03:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 03:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 03:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016 00 10 04-00-00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 04:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-19 04:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 04:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 05:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 05:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 05:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 05:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 06:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 06:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 06:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 06:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 07:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 07:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 07:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 07:45:00	4.0645	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-19 08:00:00	4.0645	0.0000		0.0000			
2016-08-19 08:15:00	4.0645	0.0000	0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-19 08:30:00	4.0645 4.0645	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 08:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 09:00:00				0.0000			
2016-08-19 09:15:00 2016-08-19 09:30:00	4.0645 4.0645	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-19 09:30:00 2016-08-19 09:45:00	4.0645 4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 09:45:00 2016-08-19 10:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 10:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 10:13:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 10:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 11:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 11:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 11:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 11:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 12:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 12:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 12:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 12:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 13:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 13:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 13:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 13:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 14:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 14:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 14:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 14:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 15:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 15:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 15:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 15:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 16:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 16:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 16:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 16:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 17:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 17:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 17:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 17:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 18:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 18:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 18:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 18:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 19:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 19:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 19:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 19:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 20:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 20:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 20:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 20:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 21:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 21:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 21:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 21:45:00		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 21:45:00 2016-08-19 22:00:00	4.0645						
	4.0645 4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 22:00:00 2016-08-19 22:15:00 2016-08-19 22:30:00	4.0645 4.0645	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 22:00:00 2016-08-19 22:15:00	4.0645	0.0000					

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-19 23:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 23:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-19 23:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 00:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 00:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 00:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 00:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 01:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 01:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 01:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 01:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 02:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 02:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 02:30:00	4.0645	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-20 02:45:00	4.0645	0.0000	0.0000	0.0000			
2016-08-20 03:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000	0.0000
2016-08-20 03:15:00	4.0645 4.0645		0.0000 0.0000	0.0000	0.0000 0.0000	0.0000	0.0000
2016-08-20 03:30:00	4.0645	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 03:45:00				0.0000			
2016-08-20 04:00:00 2016-08-20 04:15:00	4.0645 4.0645	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-20 04:15:00 2016-08-20 04:30:00	4.0645 4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 04:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 04:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 05:05:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 05:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 05:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 06:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 06:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 06:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 06:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 07:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 07:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 07:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 07:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 08:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 08:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 08:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 08:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 09:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 09:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 09:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 09:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 10:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 10:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 10:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 10:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 11:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 11:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 11:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 11:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 12:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 12:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 12:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 12:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 13:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 13:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 13:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 13:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 14:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 14:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 14:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 14:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 15:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 15:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 15:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 15:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 16:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 16:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 16:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 16:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 17:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 17:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 17:30:00	4.0645	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-20 18:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 18:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 18:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 18:45:00	4.0645	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-20 19:00:00 2016-08-20 19:15:00	4.0645 4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 19:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 19:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 19:43:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 20:05:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 20:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 20:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 21:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 21:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 21:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 21:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 22:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 22:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 22:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 22:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 23:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 23:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 23:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-20 23:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 00:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 00:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 00:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 00:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 01:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 01:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 01:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 01:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 02:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 02:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 02:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 02:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 03:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 03:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 03:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 03:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 04:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 04:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 04:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 04:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 05:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 05:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 05:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 05:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 06:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 06:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 06:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 06:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 07:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 07:15:00 2016-08-21 07:30:00	4.0645	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
	4.0645	0.0000	0.0000	0.0000		0.0000	0.0000
2016-08-21 07:45:00 2016-08-21 08:00:00	4.0645 4.0645	0.0000	0.0000	0.0000	0.0000 0.0000	0.0000	0.0000
2016-08-21 08:00:00	4.0645 4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 08:15:00	4.0645 4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 08:30:00	4.0645 4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 08:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 09:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 09:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 09:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 09:43:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 10:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 10:13:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 10:36:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 10:43:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 11:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 11:13:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2010 00 21 11.30.00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 11:45:00				0.0000	0.0000	0.0000	0.0000
2016-08-21 11:45:00 2016-08-21 12:00:00				0.0000	0.0000	0.0000	0.0000
2016-08-21 11:45:00 2016-08-21 12:00:00 2016-08-21 12:15:00	4.0645 4.0645	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-21 12:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 13:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 13:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 13:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 13:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 14:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 14:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 14:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 14:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 15:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 15:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 15:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 15:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 16:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 16:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 16:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 16:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 17:00:00 2016-08-21 17:15:00	4.0645	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-21 17:15:00	4.0645		0.0000	0.0000	0.0000 0.0000	0.0000	0.0000
	4.0645	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 17:45:00 2016-08-21 18:00:00	4.0645 4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 18:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 18:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 18:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 19:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 19:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 19:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 19:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 20:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 20:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 20:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 20:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 21:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 21:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 21:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 21:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 22:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 22:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 22:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 22:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 23:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 23:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 23:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-21 23:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 00:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 00:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 00:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 00:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 01:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 01:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 01:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 01:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 02:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 02:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 02:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 02:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 03:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 03:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 03:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 03:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 04:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 04:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 04:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 04:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 05:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 05:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 05:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 05:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 06:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 06:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 06:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 06:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 07:00:00	4.0645 4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 07:15:00		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-22 07:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 07:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 08:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 08:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 08:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 08:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 09:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 09:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 09:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 09:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 10:00:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 10:15:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 10:30:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 10:45:00	4.0645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 11:00:00	4.5906	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 11:15:00	6.2759	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-22 11:30:00	5.3405		0.0000				0.0000
2016-08-22 11:45:00 2016-08-22 12:00:00	5.0480	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000	0.0000
	4.2343	0.0000	0.0000	0.0000	0.0000		0.0000
2016-08-22 12:15:00 2016-08-22 12:30:00	4.2897 3.7580	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-22 12:30:00 2016-08-22 12:45:00	3.7580 3.4284	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 12:45:00 2016-08-22 13:00:00	3.4284 2.7723	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
				0.0000			
2016-08-22 13:15:00 2016-08-22 13:30:00	3.8469 4.0624	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-22 13:30:00	2.1667	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 13:45:00	2.9784	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 14:00:00	2.9418	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 14:13:00	2.9418 4.7384	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 14:45:00	3.8939	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 14:43:00	3.7110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 15:00:00	2.7157	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 15:15:00	2.5706	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 15:45:00	3.0358	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 16:00:00	3.8069	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 16:15:00	3.7082	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 16:30:00	3.8584	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 16:45:00	5.4502	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 17:00:00	5.7453	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 17:15:00	6.4091	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 17:30:00	5.9144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 17:45:00	6.3560	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 18:00:00	5.8135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 18:15:00	5.6757	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 18:30:00	5.3551	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 18:45:00	4.7904	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 19:00:00	4.6007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 19:15:00	4.7789	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 19:30:00	4.9767	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 19:45:00	4.1348	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 20:00:00	3.7863	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 20:15:00	5.9816	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 20:30:00	6.4167	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 20:45:00	7.1206	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 21:00:00	6.8056	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 21:15:00	7.2772	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 21:30:00	7.6114	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 21:45:00	8.4674	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 22:00:00	7.9897	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 22:15:00	7.9762	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 22:30:00	9.0602	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 22:45:00	8.7084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 23:00:00	8.7967	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 23:15:00	8.3616	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 23:30:00	8.3810	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-22 23:45:00	9.1337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 00:00:00	9.5096	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 00:15:00	9.8266	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 00:30:00	9.5032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 00:45:00	9.0686	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 01:00:00	10.4179	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 01:15:00	10.6541	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 01:30:00	9.4349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 01:30:00 2016-08-23 01:45:00	9.4349 9.1735	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-23 02:15:00	7.7980	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 02:30:00	8.3685	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 02:45:00	7.3401	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 03:00:00	6.7320	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-23 03:15:00 2016-08-23 03:30:00	7.5812 7.0838	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 03:45:00	6.7456	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 04:00:00	6.9846	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 04:00:00	6.0447	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 04:13:00	5.2638	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 04:45:00	3.6108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 05:00:00	6.0638	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 05:15:00	5.1032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 05:30:00	4.5845	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 05:45:00	4.0557	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 06:00:00	4.4078	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 06:15:00	4.7557	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 06:30:00	5.8076	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 06:45:00	6.2865	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 07:00:00	6.9989	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 07:15:00	6.2903	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 07:30:00	6.8171	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 07:45:00	6.1536	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 08:00:00	5.1827	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 08:15:00	4.8251	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 08:30:00	3.7309	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 08:45:00	3.8827	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 09:00:00	4.0892	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 09:15:00	4.2864	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 09:30:00	3.7322	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 09:45:00	2.8974	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 10:00:00	3.2091	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 10:15:00	3.4614	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 10:30:00	3.5071	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 10:45:00	4.0106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 11:00:00	3.2832	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 11:15:00	2.8717	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 11:30:00	3.9166	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 11:45:00	3.5078	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 12:00:00	2.9186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 12:15:00	3.0446	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 12:30:00	1.1977	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 12:45:00	2.3386	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 13:00:00	0.7241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 13:15:00	0.1272	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 13:30:00	0.4445	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 13:45:00	0.1448	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 14:00:00	0.0556	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 14:15:00	0.0458	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 14:30:00	0.1395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 14:45:00 2016-08-23 15:00:00	0.0982 0.2120	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-23 15:00:00	0.2120	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 15:15:00	0.2714	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 15:30:00	0.0954	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 15:45:00	0.1502	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 16:00:00	0.1302	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 16:30:00	0.0790	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 16:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 17:00:00	0.0362	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 17:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 17:13:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 17:30:00	0.0399	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 17:43:00	0.0389	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 18:15:00	0.0195	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 19:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 19:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 19:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 19:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 20:00:00	0.1297	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.1297 0.0412	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 20:00:00							

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	No		NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-23 21:00:00	3.2470	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 21:15:00	3.4966	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 21:30:00	2.0508	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 21:45:00	1.4907	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 22:00:00 2016-08-23 22:15:00	2.0518 2.1981	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-23 22:30:00	1.9046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 22:45:00	0.2521	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 23:00:00	0.4769	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 23:15:00	0.2106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 23:30:00	0.1594	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-23 23:45:00	0.2634	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 00:00:00	0.5450	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 00:15:00	2.3385	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 00:30:00	4.3578	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 00:45:00	4.0063	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 01:00:00	3.2127	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 01:15:00	1.1351	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 01:30:00	0.0960	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 01:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 02:15:00	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-24 02:30:00 2016-08-24 02:45:00	0.0000 0.4558	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 02:45:00 2016-08-24 03:00:00	0.4558 0.0208	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 03:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 03:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 03:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 04:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 04:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 04:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 04:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 05:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 05:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 05:30:00	0.8564	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 05:45:00	1.9937	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 06:00:00	0.1466	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 06:15:00	0.6596	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 06:30:00	0.6922	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 06:45:00 2016-08-24 07:00:00	1.9538	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000
2016-08-24 07:00:00	2.6986 1.2299	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000	0.0000
2016-08-24 07:30:00	2.0178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 07:45:00	2.0648	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 08:00:00	3.7174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 08:15:00	3.7669	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 08:30:00	3.6538	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 08:45:00	3.0964	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 09:00:00	3.6003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 09:15:00	4.9981	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 09:30:00	4.1130	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 09:45:00	7.8832	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 10:00:00	7.7906	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 10:15:00	7.2031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 10:30:00	7.8353	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 10:45:00 2016-08-24 11:00:00	8.1476 8.5111	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-24 11:00:00	8.5111 8.2033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 11:13:00	8.0676	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 11:45:00	7.2100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 12:00:00	7.3825	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 12:15:00	6.8674	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 12:30:00	5.9098	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 12:45:00	4.4192	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 13:00:00	4.3269	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 13:15:00	4.4089	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 13:30:00	3.6319	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 13:45:00	2.4871	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 14:00:00	2.0466	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 14:15:00	3.3796	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 14:30:00	3.2464	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 14:45:00	3.3955	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 15:00:00	3.6422	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 15:15:00 2016-08-24 15:30:00	2.4453 2.8721	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2010-00-24 13:30:00	2.0/21	3.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Оx	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-24 15:45:00	2.9735	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 16:00:00	2.0344	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 16:15:00	1.8014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 16:30:00	2.0446	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 16:45:00	1.3225	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 17:00:00	1.9373	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 17:15:00	0.7137	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 17:30:00	0.2516	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 17:45:00	0.0781	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 18:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 18:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 19:00:00	0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-24 19:15:00	0.0000	0.0000	0.0000	0.0000			
2016-08-24 19:30:00	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-24 19:45:00	0.0000		0.0000	0.0000			0.0000
2016-08-24 20:00:00 2016-08-24 20:15:00	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
	0.0000			0.0000			
2016-08-24 20:30:00 2016-08-24 20:45:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-24 20:45:00 2016-08-24 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 21:15:00 2016-08-24 21:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 21:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 22:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 22:13:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 22:45:00	2.3664	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 23:00:00	2.3273	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 23:15:00	4.4253	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 23:30:00	4.2005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-24 23:45:00	3.2407	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 00:00:00	0.8718	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 00:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 00:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 00:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 01:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 01:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 01:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 01:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 02:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 02:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 02:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 03:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 03:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 03:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 03:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 04:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 04:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 04:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 04:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 05:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 05:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 05:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 05:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 06:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 06:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 06:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 06:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 07:00:00	0.4788	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 07:15:00	0.4949	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 07:30:00	1.5481	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 07:45:00	1.1452	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 08:00:00	2.4612	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 08:15:00	1.6968	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 08:30:00	3.7125	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 08:45:00	3.8779	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 09:00:00	4.7195	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 09:15:00	5.1180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 09:30:00	5.3073	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	5.2958	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 09:45:00	3.2338	0.0000					
2016-08-25 09:45:00 2016-08-25 10:00:00	6.2614	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-25 10:30:00	5.8345	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 10:45:00	6.4854	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 11:00:00	7.4349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 11:15:00	6.2016	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 11:30:00	5.8582	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 11:45:00	4.0344	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 12:00:00	3.4265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 12:15:00	5.2486	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 12:30:00	4.5248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 12:45:00	3.3089	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 13:00:00	3.1726	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 13:15:00	4.3341	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 13:30:00	3.5446	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 13:45:00	4.2548	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 14:00:00	2.8651	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 14:15:00	5.1783	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 14:30:00	4.4381	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 14:45:00	4.3606	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000
2016-08-25 15:00:00 2016-08-25 15:15:00	4.7397	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
	3.6398	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 15:30:00 2016-08-25 15:45:00	3.3488 0.6417	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 15:45:00	2.1731	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 16:00:00	1.6327	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 16:15:00	1.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 16:45:00	0.8880	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 17:00:00	0.4506	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 17:15:00	2.0897	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 17:30:00	0.8776	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 17:45:00	0.2236	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 18:00:00	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 18:15:00	0.0200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 19:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 19:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 19:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 19:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 20:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 20:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 20:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 20:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 21:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 21:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 22:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 22:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 22:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 22:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 23:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 23:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 23:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-25 23:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 00:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 00:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 00:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 00:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 01:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 01:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 01:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 01:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 02:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 02:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 02:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 03:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 03:15:00	0.4561	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 03:30:00	0.0769	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 03:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 04:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 04:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 04:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 04:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 05:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-26 05:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 05:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 05:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 06:00:00	0.0195	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 06:15:00	0.1622	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 06:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 06:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 07:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 07:15:00	0.1111	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 07:30:00	0.6564	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 07:45:00	0.2348	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 08:00:00	0.1721	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 08:15:00	0.7102	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 08:30:00	5.5474	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 08:45:00	6.4111	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 09:00:00	5.7966	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 09:15:00	6.3680	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 09:30:00	5.7675	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-26 09:45:00 2016-08-26 10:00:00	5.9771			0.0000	0.0000 0.0000	0.0000	0.0000
2016-08-26 10:00:00	6.6570	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 10:15:00	7.5527 7.8371	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 10:30:00	7.8371 8.2576	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 10:45:00	8.2576 7.6913	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 11:15:00	6.9093	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 11:30:00	7.2822	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 11:45:00	6.3521	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 12:00:00	5.6737	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 12:15:00	4.6252	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 12:30:00	5.6136	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 12:45:00	6.0447	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 13:00:00	6.7818	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 13:15:00	6.9564	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 13:30:00	6.2928	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 13:45:00	5.2648	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 14:00:00	5.1958	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 14:15:00	4.8752	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 14:30:00	4.6470	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 14:45:00	4.2194	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 15:00:00	3.4478	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 15:15:00	3.7786	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 15:30:00	3.4498	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 15:45:00	4.8752	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 16:00:00	5.0663	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 16:15:00	5.1180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 16:30:00	4.1667	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 16:45:00	3.7403	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 17:00:00	1.6856	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 17:15:00	2.0189	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 17:30:00	2.2702	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 17:45:00	2.1842	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 18:00:00	2.5938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 18:15:00	2.7201	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 18:30:00	1.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 18:45:00	0.6311	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 19:00:00	0.0743	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 19:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 19:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 19:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 20:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 20:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 20:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 20:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 21:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 21:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 22:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 22:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 22:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 22:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 23:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 23:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 23:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-26 23:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Оx	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-27 00:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 00:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 00:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 00:45:00	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-27 01:00:00 2016-08-27 01:15:00	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 01:13:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 01:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 01:43:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 02:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 02:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 03:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 03:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 03:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 03:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 04:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 04:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 04:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 04:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 05:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 05:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 05:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 05:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 06:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 06:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 06:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 06:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 07:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 07:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 07:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 07:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 08:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 08:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 08:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 08:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 09:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 09:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 09:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 09:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 10:00:00	0.0215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 10:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 10:30:00	0.0866	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 10:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 11:00:00	0.1390	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 11:15:00	0.5557	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 11:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 11:45:00	0.0725	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 12:00:00	0.0618	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 12:15:00	0.1882	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 12:30:00	0.0863	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 12:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 13:00:00	0.2657	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 13:15:00	0.1998 0.4112	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-27 13:30:00		0.0000	0.0000	0.0000		0.0000	0.0000
2016-08-27 13:45:00 2016-08-27 14:00:00	0.3561 1.1902	0.0000	0.0000	0.0000	0.0000 0.0000	0.0000	0.0000
2016-08-27 14:00:00 2016-08-27 14:15:00	0.9943	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 14:15:00	0.9943	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 14:30:00	1.4721	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 14:43:00	2.5196	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 15:00:00	1.9634	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 15:15:00	0.4780	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 15:45:00	0.6007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 16:00:00	1.3778	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 16:00:00	0.5536	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 16:30:00	0.9032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 16:45:00	1.8100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 17:00:00	0.4738	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 17:00:00	0.5475	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 17:13:00	0.8396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2010 00 27 17.30.00			0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 17:45:00							
2016-08-27 17:45:00 2016-08-27 18:00:00	0.7619 2.9806	0.0000					
2016-08-27 17:45:00 2016-08-27 18:00:00 2016-08-27 18:15:00	2.9806 3.5609	0.0000 0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Оx	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-27 18:45:00	3.4915	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 19:00:00	1.3810	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 19:15:00	0.5172	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 19:30:00	2.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 19:45:00	4.9628	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 20:00:00	3.8689	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 20:15:00	2.6065	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 20:30:00	2.5339	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 20:45:00	2.2412	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 21:00:00	1.6524	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 21:15:00	1.7723	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 21:30:00	1.9838	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 21:45:00	2.3984	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 22:00:00	3.7037	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-27 22:15:00	2.7779	0.0000	0.0000	0.0000			
2016-08-27 22:30:00	1.8911	0.0000	0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-27 22:45:00 2016-08-27 23:00:00	0.8372		0.0000 0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-27 23:00:00	0.1721 0.7662	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
				0.0000			
2016-08-27 23:30:00 2016-08-27 23:45:00	0.5777 0.2321	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-27 23:45:00 2016-08-28 00:00:00	0.2321	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 00:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 00:15:00	0.0366	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 00:30:00	0.0179	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 01:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 01:05:00	0.1602	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 01:30:00	0.0763	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 01:45:00	0.0392	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 02:00:00	0.1301	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 02:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 02:30:00	0.0197	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 02:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 03:00:00	0.4682	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 03:15:00	1.9296	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 03:30:00	1.8243	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 03:45:00	0.8969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 04:00:00	3.4080	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 04:15:00	2.1527	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 04:30:00	1.6134	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 04:45:00	1.0880	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 05:00:00	2.3349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 05:15:00	0.5423	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 05:30:00	0.0929	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 05:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 06:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 06:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 06:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 06:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 07:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 07:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 07:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 07:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 08:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 08:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 08:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 08:45:00	0.0972	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 09:00:00	0.2227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 09:15:00	0.5993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 09:30:00	0.8706	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 09:45:00	0.1405	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 10:00:00	0.0381	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 10:15:00	0.1494	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 10:30:00	0.2543	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 10:45:00	0.9713	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 11:00:00	0.0187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 11:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 11:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 11:45:00	0.0598	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2010 00 20 11: 15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 12:00:00	0.0000				0.0000		0.0000
	0.1545	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 12:00:00 2016-08-28 12:15:00 2016-08-28 12:30:00	0.1545 0.2047	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 12:00:00 2016-08-28 12:15:00 2016-08-28 12:30:00 2016-08-28 12:45:00	0.1545 0.2047 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-28 12:00:00 2016-08-28 12:15:00 2016-08-28 12:30:00	0.1545 0.2047	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-28 13:30:00	0.2160	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 13:45:00	0.5722	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 14:00:00	1.4943	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 14:15:00	0.3715	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-28 14:30:00 2016-08-28 14:45:00	0.4022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 14:45:00	2.9160 2.8153	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 15:00:00	0.9653	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 15:30:00	1.9952	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 15:45:00	1.6408	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 16:00:00	1.1708	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 16:15:00	1.9616	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 16:30:00	1.3645	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 16:45:00	0.7712	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 17:00:00	1.4900	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 17:15:00	0.9806	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 17:30:00	0.6361	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 17:45:00	0.9263	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 18:00:00	1.9223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 18:15:00	1.6013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 18:30:00	1.4736	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 18:45:00	1.6711	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 19:00:00	1.8751	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 19:15:00	1.8029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 19:30:00	2.0314	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 19:45:00	1.7949	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 20:00:00	2.3053	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 20:15:00	3.0977	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 20:30:00	0.6895	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 20:45:00	1.5201	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 21:00:00	1.4490	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 21:15:00	0.6884	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 21:30:00	1.9469	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 21:45:00	2.4236	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 22:00:00	2.3244	0.0000	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000
2016-08-28 22:15:00 2016-08-28 22:30:00	0.6403 0.6952	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-28 22:45:00	0.9817	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 22:45:00	2.0860	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 23:00:00	1.3722	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 23:30:00	1.5581	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-28 23:45:00	0.5432	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 00:00:00	0.3834	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 00:15:00	0.0560	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 00:30:00	0.3841	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 00:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 01:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 01:15:00	0.0183	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 01:30:00	0.6884	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 01:45:00	1.4539	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 02:00:00	3.0456	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 02:15:00	0.6172	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 02:30:00	0.2552	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 02:45:00	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 03:00:00	0.5749	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 03:15:00	0.9335	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 03:30:00	0.3506	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 03:45:00	0.0609	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 04:00:00	0.0361	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 04:15:00	0.1806	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 04:30:00	1.1057	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 04:45:00	1.4194	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 05:00:00	2.0938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 05:15:00	3.1057	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 05:30:00	2.6180	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 05:45:00	3.7950	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 06:00:00	5.1170 4.2351	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000
2016-08-29 06:15:00 2016-08-29 06:30:00	4.2351 3.3627	0.0000	0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-29 06:30:00	4.3612	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 06:45:00	4.3612 3.1749	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 07:00:00 2016-08-29 07:15:00	3.1749 2.1435	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2010-00-23 07.13.00			0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 07:30:00	1 6229						
2016-08-29 07:30:00 2016-08-29 07:45:00	1.6229 1.1188	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-29 08:15:00	4.1516	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 08:30:00	3.8238	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 08:45:00	2.8249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 09:00:00	2.3480	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 09:15:00	2.0188	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 09:30:00	0.0395	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 09:45:00	0.7643	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 10:00:00	0.4896	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 10:15:00	0.3430	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 10:30:00	1.1089	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 10:45:00	2.0909	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2016-08-29 11:00:00	1.4476	92.3028	0.1336	0.2488	0.0004	0.0000	0.0000
2016-08-29 11:15:00	1.4491	58.6236	0.0850	0.1912	0.0003	0.0000	0.0000
2016-08-29 11:30:00	1.3140	24.2473	0.0319	0.1476	0.0002	0.0000	0.0000
2016-08-29 11:45:00	0.7568	24.2473	0.0184	0.0897	0.0001	0.0000	0.0000
2016-08-29 12:00:00	1.5937	24.2473	0.0386	0.0629	0.0001	0.0000	0.0000
2016-08-29 12:15:00	2.5949	24.2473	0.0629	0.1476	0.0004	0.0000	0.0000
2016-08-29 12:30:00	2.1034	24.2473	0.0510	0.1476	0.0003	0.0000	0.0000
2016-08-29 12:45:00	1.5013	24.2473	0.0364	0.1476	0.0002	0.0000	0.0000
2016-08-29 13:00:00	1.0546	24.2473	0.0256	0.1476	0.0002	0.0000	0.0000
2016-08-29 13:15:00	1.5870	24.2473	0.0385	0.1476	0.0002	0.0000	0.0000
2016-08-29 13:30:00	1.0503 0.5921	24.2473 24.2473	0.0255 0.0144	0.1476 0.1476	0.0002 0.0001	0.0000 0.0000	0.0000
2016-08-29 13:45:00 2016-08-29 14:00:00	0.5921 1.5799	24.2473	0.0144	0.1476	0.0001	0.0000	0.0000
2016-08-29 14:00:00 2016-08-29 14:15:00	1.5799 2.5450	24.2473	0.0383	0.1476	0.0002	0.0000	0.0000
2016-08-29 14:15:00 2016-08-29 14:30:00	2.5450 2.5655	24.2473	0.0617	0.1131	0.0003	0.0000	0.0000
2016-08-29 14:30:00		24.2473	0.0622	0.0548	0.0002	0.0000	0.0000
2016-08-29 14:45:00	3.2156 3.4513	24.2473	0.0780	0.0348	0.0002	0.0000	0.0000
2016-08-29 15:00:00	4.3958	24.2473	0.1066	0.0069	0.0000	0.0000	0.0000
2016-08-29 15:30:00	4.3057	24.2473	0.1000	0.0585	0.0003	0.0000	0.0000
2016-08-29 15:45:00	3.8260	24.2473	0.0928	0.0383	0.0003	0.0000	0.0000
2016-08-29 16:00:00	4.1796	24.2473	0.1013	0.0240	0.0001	0.0000	0.0000
2016-08-29 16:05:00	4.8254	24.2473	0.1013	0.0000	0.0000	0.0000	0.0000
2016-08-29 16:30:00	4.6535	24.2473	0.1178	0.0000	0.0000	0.0000	0.0000
2016-08-29 16:45:00	5.1003	24.2473	0.1237	0.0000	0.0000	0.0000	0.0000
2016-08-29 17:00:00	5.0068	24.2473	0.1214	0.0000	0.0000	0.0000	0.0000
2016-08-29 17:15:00	4.8602	24.2473	0.1178	0.0000	0.0000	0.0000	0.0000
2016-08-29 17:30:00	5.0106	24.2473	0.1215	0.0000	0.0000	0.0000	0.0000
2016-08-29 17:45:00	5.4492	24.2473	0.1321	0.0148	0.0001	0.0000	0.0000
2016-08-29 18:00:00	4.2712	24.2473	0.1036	0.0521	0.0002	0.0000	0.0000
2016-08-29 18:15:00	4.0405	24.2473	0.0980	0.0576	0.0002	0.0000	0.0000
2016-08-29 18:30:00	4.4444	24.2473	0.1078	0.0623	0.0003	0.0000	0.0000
2016-08-29 18:45:00	4.4774	24.2473	0.1086	0.0282	0.0001	0.0000	0.0000
2016-08-29 19:00:00	4.6897	24.2473	0.1137	0.0336	0.0002	0.0000	0.0000
2016-08-29 19:15:00	2.9045	24.2473	0.0704	0.0990	0.0003	0.0000	0.0000
2016-08-29 19:30:00	3.8067	24.2473	0.0923	0.0492	0.0002	0.0000	0.0000
2016-08-29 19:45:00	3.6592	24.2473	0.0887	0.0350	0.0001	0.0000	0.0000
2016-08-29 20:00:00	3.2980	24.2473	0.0800	0.0835	0.0003	0.0000	0.0000
2016-08-29 20:15:00	2.7883	24.2473	0.0676	0.1161	0.0003	0.0000	0.0000
2016-08-29 20:30:00	2.3554	24.2473	0.0571	0.1041	0.0002	0.0000	0.0000
2016-08-29 20:45:00	2.3934	24.2473	0.0580	0.1174	0.0003	0.0000	0.0000
2016-08-29 21:00:00	3.7540	24.2473	0.0910	0.0535	0.0002	0.0000	0.0000
2016-08-29 21:15:00	1.7399	24.2473	0.0422	0.1068	0.0002	0.0000	0.0000
2016-08-29 21:30:00	3.0926	24.2473	0.0750	0.0980	0.0003	0.0000	0.0000
2016-08-29 21:45:00	2.1724	24.2473	0.0527	0.1339	0.0003	0.0000	0.0000
2016-08-29 22:00:00	2.1545	24.2473	0.0522	0.1339	0.0003	0.0000	0.0000
2016-08-29 22:15:00	1.6149	24.2473	0.0392	0.1058	0.0002	0.0000	0.0000
2016-08-29 22:30:00	2.3552	24.2473	0.0571	0.1536	0.0004	0.0000	0.0000
2016-08-29 22:45:00	2.1191	24.2473	0.0514	0.2053	0.0004	0.0000	0.0000
2016-08-29 23:00:00	1.9521	24.2473	0.0473	0.1090	0.0002	0.0000	0.0000
2016-08-29 23:15:00	2.3093	24.2473	0.0560	0.1240	0.0003	0.0000	0.0000
2016-08-29 23:30:00	0.8872	24.2473	0.0215	0.2053	0.0002	0.0000	0.0000
2016-08-29 23:45:00	0.8784	24.2473	0.0213	0.1996	0.0002	0.0000	0.0000
2016-08-30 00:00:00	0.0179	24.2473	0.0004	0.0927	0.0000	0.0000	0.0000
2016-08-30 00:15:00	0.0205	24.2473	0.0005	0.0927	0.0000	0.0000	0.0000
2016-08-30 00:30:00	0.0571	24.2473	0.0014	0.0927	0.0000	0.0000	0.0000
2016-08-30 00:45:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 01:00:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 01:15:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 01:30:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 01:45:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 02:00:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 02:15:00							
2016-08-30 02:15:00 2016-08-30 02:30:00	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.0927 0.0927	0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-30 03:00:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 03:15:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 03:30:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 03:45:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 04:00:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 04:15:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 04:30:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 04:45:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 05:00:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 05:15:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 05:30:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 05:45:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 06:00:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 06:15:00	0.0000	24.2473	0.0000	0.0927 0.0927	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-30 06:30:00	0.0000	24.2473	0.0000	0.0927			
2016-08-30 06:45:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000 0.0000	0.0000
2016-08-30 07:00:00 2016-08-30 07:15:00	0.0000	24.2473 24.2473	0.0000 0.0063	0.0927	0.0000 0.0000	0.0000	0.0000
2016-08-30 07:15:00	0.2602	24.2473	0.0063	0.0927	0.0000	0.0000	0.0000
	1.0574			0.0927			
2016-08-30 07:45:00 2016-08-30 08:00:00	0.4018 0.0944	24.2473 24.2473	0.0097 0.0023	0.0927	0.0000 0.0000	0.0000 0.0000	0.0000
2016-08-30 08:00:00	0.0944	24.2473 24.2473	0.0023	0.0927	0.0000	0.0000	0.0000
2016-08-30 08:15:00	0.0000	24.2473	0.0000	0.0927	0.0000	0.0000	0.0000
2016-08-30 08:30:00	1.8180	24.2473	0.0079	0.0927	0.0000	0.0000	0.0000
2016-08-30 08:45:00	1.8180 4.4077	24.2473	0.0441	0.0927	0.0002	0.0000	0.0000
2016-08-30 09:00:00	5.4023	24.2473	0.1069	0.0927	0.0004	0.0000	0.0000
2016-08-30 09:30:00	5.2305	24.2473	0.1310	0.0927	0.0005	0.0000	0.0000
2016-08-30 09:45:00	4.2406	24.2473	0.1028	0.0927	0.0003	0.0000	0.0000
2016-08-30 10:00:00	3.8602	24.2473	0.0936	0.0927	0.0004	0.0000	0.0000
2016-08-30 10:15:00	3.2337	24.2473	0.0784	0.0927	0.0003	0.0000	0.0000
2016-08-30 10:30:00	2.4239	24.2473	0.0588	0.0927	0.0003	0.0000	0.0000
2016-08-30 10:45:00	4.4868	24.2473	0.1088	0.0927	0.0004	0.0000	0.0000
2016-08-30 11:00:00	4.9051	24.2473	0.1189	0.0927	0.0005	0.0000	0.0000
2016-08-30 11:15:00	5.1080	24.2473	0.1239	0.0927	0.0005	0.0000	0.0000
2016-08-30 11:30:00	5.5257	24.2473	0.1340	0.0927	0.0005	0.0000	0.0000
2016-08-30 11:45:00	4.0865	24.2473	0.0991	0.0927	0.0004	0.0000	0.0000
2016-08-30 12:00:00	4.0606	24.2473	0.0985	0.0927	0.0004	0.0000	0.0000
2016-08-30 12:15:00	4.6383	24.2473	0.1125	0.0927	0.0004	0.0000	0.0000
2016-08-30 12:30:00	3.4711	24.2473	0.0842	0.0927	0.0003	0.0000	0.0000
2016-08-30 12:45:00	1.2124	24.2473	0.0294	0.0927	0.0001	0.0000	0.0000
2016-08-30 13:00:00	0.5530	24.2473	0.0134	0.0927	0.0001	0.0000	0.0000
2016-08-30 13:15:00	1.3356	24.2473	0.0324	0.0927	0.0001	0.0000	0.0000
2016-08-30 13:30:00	0.3581	24.2473	0.0087	0.0927	0.0000	0.0000	0.0000
2016-08-30 13:45:00	0.0769	24.2473	0.0019	0.0927	0.0000	0.0000	0.0000
2016-08-30 14:00:00	0.1770	24.2473	0.0043	0.0927	0.0000	0.0000	0.0000
2016-08-30 14:15:00	0.8774	24.2473	0.0213	0.0927	0.0001	0.0000	0.0000
2016-08-30 14:30:00	2.0239	24.2473	0.0491	0.0927	0.0002	0.0000	0.0000
2016-08-30 14:45:00	2.0961	24.2473	0.0508	0.0927	0.0002	0.0000	0.0000
2016-08-30 15:00:00	1.5010	24.2473	0.0364	0.0927	0.0001	0.0000	0.0000
2016-08-30 15:15:00	1.4125	24.2473	0.0342	0.0927	0.0001	0.0000	0.0000
2016-08-30 15:30:00	1.5638	24.2473	0.0379	0.0927	0.0001	0.0000	0.0000
2016-08-30 15:45:00	0.7198	24.2473	0.0175	0.1705	0.0001	0.0000	0.0000
2016-08-30 16:00:00	0.7728	24.2473	0.0187	0.2060	0.0002	0.0000	0.0000
2016-08-30 16:15:00	0.3134	24.2473	0.0076	0.2060	0.0001	0.0000	0.0000
2016-08-30 16:30:00	0.3336	24.2473	0.0081	0.2060	0.0001	0.0000	0.0000
2016-08-30 16:45:00	0.2295	24.2473	0.0056	0.2060	0.0000	0.0000	0.0000
2016-08-30 17:00:00	1.0369	24.2473	0.0251	0.2060	0.0002	0.0000	0.0000
2016-08-30 17:15:00	0.7490	24.2473	0.0182	0.2060	0.0002	0.0000	0.0000
2016-08-30 17:30:00	0.7071	24.2473	0.0171	0.2060	0.0001	0.0000	0.0000
2016-08-30 17:45:00	0.3748	24.2473	0.0091	0.2060	0.0001	0.0000	0.0000
2016-08-30 18:00:00	0.0771	24.2473	0.0019	0.2060	0.0000	0.0000	0.0000
2016-08-30 18:15:00	0.2378	24.2473	0.0058	0.2060	0.0000	0.0000	0.0000
2016-08-30 18:30:00	0.1678	24.2473	0.0041	0.2060	0.0000	0.0000	0.0000
2016-08-30 18:45:00	0.0773	24.2473	0.0019	0.2060	0.0000	0.0000	0.0000
2016-08-30 19:00:00	0.1701	24.2473	0.0041	0.2060	0.0000	0.0000	0.0000
2016-08-30 19:15:00	0.0421	24.2473	0.0010	0.2060	0.0000	0.0000	0.0000
2016-08-30 19:30:00	0.0000	24.2473	0.0000	0.2060	0.0000	0.0000	0.0000
2016-08-30 19:45:00	0.0000	24.2473	0.0000	0.2060	0.0000	0.0000	0.0000
2016-08-30 20:00:00	0.0000	24.2473	0.0000	0.2060	0.0000	0.0000	0.0000
2016-08-30 20:15:00	0.0000	24.2473	0.0000	0.2060	0.0000	0.0000	0.0000
2016-08-30 20:30:00	0.0000	24.2473	0.0000	0.2060	0.0000	0.0000	0.0000
2016-08-30 20:45:00	0.0000	24.2473	0.0000	0.1496	0.0000	0.0000	0.0000
	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-30 21:00:00	0.0000						
2016-08-30 21:00:00 2016-08-30 21:15:00	0.0000 0.0000 0.0000	24.2473 24.2473 24.2473	0.0000	0.0913 0.0913	0.0000	0.0000 0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-30 21:45:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-30 22:00:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-30 22:15:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-30 22:30:00	0.0000	24.2473	0.0000	0.0913 0.0913	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-30 22:45:00 2016-08-30 23:00:00	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-30 23:15:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-30 23:30:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-30 23:45:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-31 00:00:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-31 00:15:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-31 00:30:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-31 00:45:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-31 01:00:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-31 01:15:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-31 01:30:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-31 01:45:00	0.0000	24.2473	0.0000	0.0913	0.0000	0.0000	0.0000
2016-08-31 02:00:00	0.0000	24.2473	0.0000	0.1308	0.0000	0.0000	0.0000
2016-08-31 02:15:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 02:30:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 02:45:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 03:00:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 03:15:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 03:30:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 03:45:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 04:00:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 04:15:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 04:30:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 04:45:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 05:00:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 05:15:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 05:30:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 05:45:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 06:00:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 06:15:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 06:30:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-08-31 06:45:00	0.0000	24.2473	0.0000	0.2039	0.0000	0.0000	0.0000
2016-08-31 07:00:00	0.0000	24.2473	0.0000	0.1309	0.0000	0.0000	0.0000
2016-08-31 07:15:00	0.0000	24.2473	0.0000	0.1871	0.0000	0.0000	0.0000
2016-08-31 07:30:00	0.0000	24.2473	0.0000	0.1207	0.0000	0.0000	0.0000
2016-08-31 07:45:00	0.0000	24.2473	0.0000	0.1991	0.0000	0.0000	0.0000
2016-08-31 08:00:00	0.0000	24.2473	0.0000	0.1278	0.0000	0.0000	0.0000
2016-08-31 08:15:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-08-31 08:30:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-08-31 08:45:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-08-31 09:00:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-08-31 09:15:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-08-31 09:30:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-08-31 09:45:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-08-31 10:00:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-08-31 10:15:00 2016-08-31 10:30:00	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.2081 0.2081	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-08-31 10:30:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-08-31 10:45:00	0.3370	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-08-31 11:00:00	0.2304	24.2473	0.0082	0.2081	0.0001	0.0000	0.0000
2016-08-31 11:15:00	0.6888	24.2473	0.0056	0.2081	0.0001	0.0000	0.0000
2016-08-31 11:30:00	0.4343	24.2473	0.0105	0.2081	0.0001	0.0000	0.0000
2016-08-31 11:43:00	1.6608	24.2473	0.0403	0.2081	0.0001	0.0000	0.0000
2016-08-31 12:05:00	1.2416	24.2473	0.0301	0.1806	0.0003	0.0000	0.0000
2016-08-31 12:30:00	1.0715	24.2473	0.0260	0.1800	0.0002	0.0000	0.0000
2016-08-31 12:45:00	1.5467	24.2473	0.0375	0.1875	0.0002	0.0000	0.0000
2016-08-31 12:43:00	0.7498	24.2473	0.0182	0.1714	0.0003	0.0000	0.0000
2016-08-31 13:05:00	1.2068	24.2473	0.0293	0.1714	0.0001	0.0000	0.0000
2016-08-31 13:30:00	1.3313	24.2473	0.0323	0.1174	0.0002	0.0000	0.0000
2016-08-31 13:45:00	1.6638	24.2473	0.0403	0.1199	0.0002	0.0000	0.0000
2016-08-31 14:00:00	2.7306	24.2473	0.0662	0.0366	0.0001	0.0000	0.0000
2016-08-31 14:05:00	1.4174	24.2473	0.0344	0.0707	0.0001	0.0000	0.0000
2016-08-31 14:30:00	1.3560	24.2473	0.0329	0.0647	0.0001	0.0000	0.0000
2016-08-31 14:45:00	1.0603	24.2473	0.0257	0.0945	0.0001	0.0000	0.0000
2016-08-31 15:00:00	0.6222	24.2473	0.0151	0.1160	0.0001	0.0000	0.0000
2016-08-31 15:15:00	1.3189	24.2473	0.0320	0.0443	0.0001	0.0000	0.0000
2016-08-31 15:13:00	1.9134	24.2473	0.0464	0.0764	0.0001	0.0000	0.0000
	1.9134 2.6715	24.2473 24.2473	0.0464 0.0648	0.0764	0.0001	0.0000	0.0000
2016-08-31 15:30:00							

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-08-31 16:30:00	1.3963	24.2473	0.0339	0.0977	0.0001	0.0000	0.0000
2016-08-31 16:45:00	3.7553	24.2473	0.0911	0.0468	0.0002	0.0000	0.0000
2016-08-31 17:00:00	2.9040	24.2473	0.0704	0.0606	0.0002	0.0000	0.0000
2016-08-31 17:15:00	3.4919	24.2473	0.0847	0.0597 0.0597	0.0002 0.0002	0.0000 0.0000	0.0000
2016-08-31 17:30:00 2016-08-31 17:45:00	2.6732 2.0380	24.2473 24.2473	0.0648 0.0494	0.0597	0.0002	0.0000	0.0000
2016-08-31 17:45:00	3.2911	24.2473	0.0494	0.1073	0.0002	0.0000	0.0000
2016-08-31 18:00:00	3.2616	24.2473	0.0798	0.0401	0.0001	0.0000	0.0000
2016-08-31 18:30:00	2.6503	24.2473	0.0643	0.1139	0.0002	0.0000	0.0000
2016-08-31 18:45:00	3.9320	24.2473	0.0953	0.1119	0.0003	0.0000	0.0000
2016-08-31 19:00:00	3.5743	24.2473	0.0867	0.0569	0.0002	0.0000	0.0000
2016-08-31 19:15:00	2.2124	24.2473	0.0536	0.1054	0.0002	0.0000	0.0000
2016-08-31 19:30:00	2.1291	24.2473	0.0516	0.1888	0.0004	0.0000	0.0000
2016-08-31 19:45:00	2.9927	24.2473	0.0726	0.1888	0.0006	0.0000	0.0000
2016-08-31 20:00:00	2.1423	24.2473	0.0519	0.1888	0.0004	0.0000	0.0000
2016-08-31 20:15:00	0.6820	24.2473	0.0165	0.1888	0.0001	0.0000	0.0000
2016-08-31 20:30:00	0.2192	24.2473	0.0053	0.1888	0.0000	0.0000	0.0000
2016-08-31 20:45:00	1.1012	24.2473	0.0267	0.1888	0.0002	0.0000	0.0000
2016-08-31 21:00:00	1.2830	24.2473	0.0311	0.1888	0.0002	0.0000	0.0000
2016-08-31 21:15:00	0.8653	24.2473	0.0210	0.1888	0.0002	0.0000	0.0000
2016-08-31 21:30:00	1.0392	24.2473	0.0252	0.0925	0.0001	0.0000	0.0000
2016-08-31 21:45:00	0.1645	24.2473	0.0040	0.0639	0.0000	0.0000	0.0000
2016-08-31 22:00:00	1.2180	24.2473	0.0295	0.0639	0.0001	0.0000	0.0000
2016-08-31 22:15:00	2.9306	24.2473	0.0711	0.0949	0.0003	0.0000	0.0000
2016-08-31 22:30:00	3.4093	24.2473	0.0827	0.1765	0.0006	0.0000	0.0000
2016-08-31 22:45:00	4.8993	24.2473	0.1188	0.1350	0.0007	0.0000	0.0000
2016-08-31 23:00:00	3.8517	24.2473	0.0934	0.1231	0.0005	0.0000	0.0000
2016-08-31 23:15:00	1.9554	24.2473	0.0474	0.1490	0.0003	0.0000	0.0000
2016-08-31 23:30:00	2.5487	24.2473	0.0618	0.1490	0.0004	0.0000	0.0000
2016-08-31 23:45:00	1.2193	24.2473	0.0296	0.1490	0.0002	0.0000	0.0000
2016-09-01 00:00:00	0.3552	24.2473	0.0086	0.1490	0.0001	0.0000	0.0000
2016-09-01 00:15:00	0.2713 0.0578	24.2473	0.0066 0.0014	0.1490	0.0000	0.0000 0.0000	0.0000
2016-09-01 00:30:00 2016-09-01 00:45:00		24.2473 24.2473	0.0014	0.1490 0.1490	0.0000 0.0001	0.0000	0.0000
2016-09-01 00:45:00	0.8001 2.6648	24.2473	0.0194	0.1490	0.0001	0.0000	0.0000
2016-09-01 01:00:00	1.0126	24.2473	0.0246	0.1189	0.0003	0.0000	0.0000
2016-09-01 01:13:00	1.7803	24.2473	0.0432	0.0899	0.0002	0.0000	0.0000
2016-09-01 01:45:00	0.9083	24.2473	0.0220	0.1453	0.0002	0.0000	0.0000
2016-09-01 02:00:00	2.3252	24.2473	0.0564	0.0363	0.0001	0.0000	0.0000
2016-09-01 02:15:00	2.5395	24.2473	0.0616	0.0602	0.0002	0.0000	0.0000
2016-09-01 02:30:00	2.5483	24.2473	0.0618	0.0631	0.0002	0.0000	0.0000
2016-09-01 02:45:00	2.1869	24.2473	0.0530	0.1140	0.0002	0.0000	0.0000
2016-09-01 03:00:00	1.2809	24.2473	0.0311	0.1140	0.0001	0.0000	0.0000
2016-09-01 03:15:00	0.0472	24.2473	0.0011	0.1140	0.0000	0.0000	0.0000
2016-09-01 03:30:00	0.2090	24.2473	0.0051	0.1140	0.0000	0.0000	0.0000
2016-09-01 03:45:00	0.0588	24.2473	0.0014	0.1140	0.0000	0.0000	0.0000
2016-09-01 04:00:00	0.1502	24.2473	0.0036	0.1140	0.0000	0.0000	0.0000
2016-09-01 04:15:00	1.9959	24.2473	0.0484	0.1140	0.0002	0.0000	0.0000
2016-09-01 04:30:00	2.6986	24.2473	0.0654	0.1140	0.0003	0.0000	0.0000
2016-09-01 04:45:00	1.5665	24.2473	0.0380	0.1140	0.0002	0.0000	0.0000
2016-09-01 05:00:00	1.2539	24.2473	0.0304	0.1140	0.0001	0.0000	0.0000
2016-09-01 05:15:00	2.9954	24.2473	0.0726	0.1140	0.0003	0.0000	0.0000
2016-09-01 05:30:00	3.2283	24.2473	0.0783	0.1140	0.0004	0.0000	0.0000
2016-09-01 05:45:00	3.1512	24.2473	0.0764	0.1140	0.0004	0.0000	0.0000
2016-09-01 06:00:00	3.4105	24.2473	0.0827	0.1140	0.0004	0.0000	0.0000
2016-09-01 06:15:00	5.1179	24.2473	0.1241	0.1140	0.0006	0.0000	0.0000
2016-09-01 06:30:00	5.4210	24.2473	0.1314	0.1140	0.0006	0.0000	0.0000
2016-09-01 06:45:00	5.3186	24.2473	0.1290	0.1140	0.0006	0.0000	0.0000
2016-09-01 07:00:00	5.7470	24.2473	0.1393	0.1140	0.0007	0.0000	0.0000
2016-09-01 07:15:00	5.6746	24.2473	0.1376	0.1140	0.0006	0.0000	0.0000
2016-09-01 07:30:00	6.2351	24.2473	0.1512	0.1140	0.0007	0.0000	0.0000
2016-09-01 07:45:00	4.0668	24.2473	0.0986	0.1140	0.0005	0.0000	0.0000
2016-09-01 08:00:00	4.8315	24.2473	0.1171	0.1140	0.0006	0.0000	0.0000
2016-09-01 08:15:00	4.1886	24.2473	0.1016	0.1140	0.0005	0.0000	0.0000
2016-09-01 08:30:00	3.1714	24.2473	0.0769	0.1140	0.0004	0.0000	0.0000
2016-09-01 08:45:00	3.9287 5.1135	24.2473 24.2473	0.0953 0.1240	0.1140	0.0004	0.0000 0.0000	0.0000
2016-09-01 09:00:00	5.1135 5.0235			0.1140	0.0006		0.0000
2016-09-01 09:15:00 2016-09-01 09:30:00	5.0235 4.5603	24.2473 24.2473	0.1218 0.1106	0.1140 0.1140	0.0006 0.0005	0.0000 0.0000	0.0000
2016-09-01 09:30:00	4.5603 3.9904	24.2473	0.1106	0.1140	0.0005	0.0000	0.0000
						0.0000	
2016-09-01 10:00:00 2016-09-01 10:15:00	2.7361 4.1688	24.2473 24.2473	0.0663 0.1011	0.1140 0.1140	0.0003 0.0005	0.0000	0.0000
2010-03-01 10.13.00					0.0003	0.0000	0.0000
2016-09-01 10-30-00	2 6513	24 2473	() (16/13				
2016-09-01 10:30:00 2016-09-01 10:45:00	2.6513 2.2543	24.2473 24.2473	0.0643 0.0547	0.1140 0.1140	0.0003	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-01 11:15:00	0.1866	24.2473	0.0045	0.1140	0.0000	0.0000	0.0000
2016-09-01 11:30:00	0.0820	24.2473	0.0020	0.1140	0.0000	0.0000	0.0000
2016-09-01 11:45:00	0.0483	24.2473	0.0012	0.1140	0.0000	0.0000	0.0000
2016-09-01 12:00:00	0.0222	24.2473	0.0005	0.1140	0.0000	0.0000	0.0000
2016-09-01 12:15:00	0.0000	24.2473	0.0000	0.1140	0.0000	0.0000	0.0000
2016-09-01 12:30:00	0.0000	24.2473	0.0000	0.1140	0.0000	0.0000	0.0000
2016-09-01 12:45:00	0.0000	24.2473	0.0000	0.1140	0.0000	0.0000	0.0000
2016-09-01 13:00:00	0.0000	24.2473	0.0000	0.1140	0.0000	0.0000	0.0000
2016-09-01 13:15:00	0.0000	24.2473	0.0000	0.1140	0.0000	0.0000	0.0000
2016-09-01 13:30:00	0.0000	24.2473	0.0000	0.1140	0.0000	0.0000	0.0000
2016-09-01 13:45:00	0.0000	24.2473	0.0000	0.1140	0.0000	0.0000	0.0000
2016-09-01 14:00:00	0.0199	24.2473	0.0005	0.1140	0.0000	0.0000	0.0000
2016-09-01 14:15:00	0.4724	24.2473	0.0115	0.1140	0.0001	0.0000	0.0000
2016-09-01 14:30:00	0.0965	24.2473	0.0023	0.1140 0.1704	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-01 14:45:00	0.0000	24.2473	0.0000				0.0000
2016-09-01 15:00:00	0.1034	24.2473	0.0025 0.0019	0.2266	0.0000	0.0000 0.0000	0.0000
2016-09-01 15:15:00	0.0784	24.2473 24.2473	0.0019	0.1584 0.1099	0.0000 0.0001	0.0000	0.0000
2016-09-01 15:30:00 2016-09-01 15:45:00	1.2741	24.2473	0.0309	0.1099	0.0001	0.0000	0.0000
2016-09-01 15:45:00	1.2432						
2016-09-01 16:00:00	1.0154 1.2260	24.2473 24.2473	0.0246 0.0297	0.1099 0.1099	0.0001 0.0001	0.0000 0.0000	0.0000
2016-09-01 16:15:00 2016-09-01 16:30:00	1.2260 1.3509	24.2473 24.2473	0.0297	0.1099	0.0001	0.0000	0.0000
2016-09-01 16:30:00	2.5311	24.2473	0.0328	0.1099	0.0001	0.0000	0.0000
2016-09-01 16:45:00	2.5311 1.3155	24.2473	0.0614	0.1099	0.0003	0.0000	0.0000
2016-09-01 17:00:00	2.1944	24.2473	0.0519	0.1099	0.0001	0.0000	0.0000
2016-09-01 17:15:00	1.8185	24.2473	0.0332	0.1099	0.0002	0.0000	0.0000
2016-09-01 17:30:00	2.2348	24.2473	0.0542	0.1099	0.0002	0.0000	0.0000
2016-09-01 18:00:00	2.2610	24.2473	0.0542	0.1099	0.0002	0.0000	0.0000
2016-09-01 18:15:00	1.9289	24.2473	0.0468	0.1099	0.0002	0.0000	0.0000
2016-09-01 18:30:00	1.0153	24.2473	0.0246	0.1099	0.0001	0.0000	0.0000
2016-09-01 18:45:00	0.7061	24.2473	0.0171	0.1099	0.0001	0.0000	0.0000
2016-09-01 19:00:00	0.1624	24.2473	0.0039	0.1099	0.0000	0.0000	0.0000
2016-09-01 19:15:00	0.1734	24.2473	0.0042	0.1099	0.0000	0.0000	0.0000
2016-09-01 19:30:00	0.7736	24.2473	0.0188	0.1099	0.0001	0.0000	0.0000
2016-09-01 19:45:00	0.0000	24.2473	0.0000	0.1099	0.0000	0.0000	0.0000
2016-09-01 20:00:00	0.1124	24.2473	0.0027	0.1574	0.0000	0.0000	0.0000
2016-09-01 20:15:00	0.0359	24.2473	0.0009	0.2238	0.0000	0.0000	0.0000
2016-09-01 20:30:00	0.0383	24.2473	0.0009	0.2238	0.0000	0.0000	0.0000
2016-09-01 20:45:00	0.3630	24.2473	0.0088	0.2238	0.0001	0.0000	0.0000
2016-09-01 21:00:00	0.9864	24.2473	0.0239	0.2238	0.0002	0.0000	0.0000
2016-09-01 21:15:00	0.9895	24.2473	0.0240	0.2238	0.0002	0.0000	0.0000
2016-09-01 21:30:00	1.4061	24.2473	0.0341	0.2238	0.0003	0.0000	0.0000
2016-09-01 21:45:00	0.9450	24.2473	0.0229	0.2238	0.0002	0.0000	0.0000
2016-09-01 22:00:00	0.7872	24.2473	0.0191	0.2238	0.0002	0.0000	0.0000
2016-09-01 22:15:00	0.6801	24.2473	0.0165	0.2238	0.0002	0.0000	0.0000
2016-09-01 22:30:00	0.1663	24.2473	0.0040	0.2238	0.0000	0.0000	0.0000
2016-09-01 22:45:00	0.0179	24.2473	0.0004	0.2238	0.0000	0.0000	0.0000
2016-09-01 23:00:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-01 23:15:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-01 23:30:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-01 23:45:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 00:00:00	0.0187	24.2473	0.0005	0.2238	0.0000	0.0000	0.0000
2016-09-02 00:15:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 00:30:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 00:45:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 01:00:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 01:15:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 01:30:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 01:45:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 02:00:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 02:15:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 02:30:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 02:45:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 03:00:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 03:15:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 03:30:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 03:45:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 04:00:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 04:15:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 04:30:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 04:45:00	0.0000	24.2473	0.0000	0.2238	0.0000	0.0000	0.0000
2016-09-02 05:00:00	0.0000	24.2473	0.0000	0.1343	0.0000	0.0000	0.0000
2016-09-02 05:15:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2010-09-02 03.13.00							
2016-09-02 05:30:00	0.2922	24.2473 24.2473	0.0071 0.0343	0.1085 0.1085	0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-02 06:00:00	2.5900	24.2473	0.0628	0.1085	0.0003	0.0000	0.0000
2016-09-02 06:15:00	1.2441	24.2473	0.0302	0.1085	0.0001	0.0000	0.0000
2016-09-02 06:30:00	0.5075	24.2473	0.0123	0.1085	0.0001	0.0000	0.0000
2016-09-02 06:45:00	0.3146	24.2473	0.0076	0.1085	0.0000	0.0000	0.0000
2016-09-02 07:00:00	0.1844	24.2473	0.0045	0.1085	0.0000	0.0000	0.0000
2016-09-02 07:15:00	0.2730	24.2473	0.0066	0.1085	0.0000	0.0000	0.0000
2016-09-02 07:30:00	0.0180	24.2473	0.0004	0.1085	0.0000	0.0000	0.0000
2016-09-02 07:45:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 08:00:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 08:15:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 08:30:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 08:45:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 09:00:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 09:15:00	0.2665	24.2473	0.0065	0.1085	0.0000	0.0000	0.0000
2016-09-02 09:30:00	2.5441	24.2473	0.0617	0.1085	0.0003	0.0000	0.0000
2016-09-02 09:45:00	4.2474	24.2473	0.1030	0.1085	0.0005	0.0000	0.0000
2016-09-02 10:00:00	4.3697	24.2473	0.1060	0.1085	0.0005	0.0000	0.0000
2016-09-02 10:15:00	3.0052	24.2473	0.0729	0.1085	0.0003	0.0000	0.0000
2016-09-02 10:30:00	4.2606	24.2473	0.1033	0.1085	0.0005	0.0000	0.0000
2016-09-02 10:45:00	6.1556	24.2473	0.1493	0.1085	0.0007	0.0000	0.0000
2016-09-02 11:00:00	6.9783	24.2473	0.1692	0.1085	0.0008	0.0000	0.0000
2016-09-02 11:15:00 2016-09-02 11:30:00	6.3055	24.2473	0.1529	0.1085 0.1085	0.0007	0.0000 0.0000	0.0000
2016-09-02 11:30:00 2016-09-02 11:45:00	6.9744	24.2473 24.2473	0.1691 0.1606	0.1085	0.0008 0.0007	0.0000	0.0000
2016-09-02 11:45:00 2016-09-02 12:00:00	6.6245 6.0725	24.2473 24.2473	0.1606	0.1085	0.0007	0.0000	0.0000
2016-09-02 12:00:00	6.1204	24.2473	0.1472	0.1085	0.0007	0.0000	0.0000
2016-09-02 12:15:00	4.9106	24.2473	0.1484	0.1085	0.0007	0.0000	0.0000
2016-09-02 12:30:00	3.7790	24.2473	0.1191	0.1085	0.0003	0.0000	0.0000
2016-09-02 12:45:00	2.5049	24.2473	0.0916	0.1085	0.0004	0.0000	0.0000
2016-09-02 13:00:00	2.3047	24.2473	0.0559	0.1085	0.0003	0.0000	0.0000
2016-09-02 13:13:00	1.7070	24.2473	0.0414	0.1085	0.0003	0.0000	0.0000
2016-09-02 13:45:00	2.0686	24.2473	0.0502	0.1085	0.0002	0.0000	0.0000
2016-09-02 14:00:00	4.6217	24.2473	0.1121	0.1085	0.0002	0.0000	0.0000
2016-09-02 14:15:00	3.7793	24.2473	0.0916	0.1085	0.0003	0.0000	0.0000
2016-09-02 14:30:00	3.1026	24.2473	0.0752	0.1085	0.0003	0.0000	0.0000
2016-09-02 14:45:00	2.2913	24.2473	0.0556	0.1085	0.0002	0.0000	0.0000
2016-09-02 15:00:00	1.4863	24.2473	0.0360	0.1085	0.0002	0.0000	0.0000
2016-09-02 15:15:00	1.7630	24.2473	0.0427	0.1085	0.0002	0.0000	0.0000
2016-09-02 15:30:00	1.0735	24.2473	0.0260	0.1085	0.0001	0.0000	0.0000
2016-09-02 15:45:00	1.5640	24.2473	0.0379	0.1085	0.0002	0.0000	0.0000
2016-09-02 16:00:00	0.6295	24.2473	0.0153	0.1085	0.0001	0.0000	0.0000
2016-09-02 16:15:00	0.5127	24.2473	0.0124	0.1085	0.0001	0.0000	0.0000
2016-09-02 16:30:00	0.2140	24.2473	0.0052	0.1085	0.0000	0.0000	0.0000
2016-09-02 16:45:00	0.3793	24.2473	0.0092	0.1085	0.0000	0.0000	0.0000
2016-09-02 17:00:00	0.0915	24.2473	0.0022	0.1085	0.0000	0.0000	0.0000
2016-09-02 17:15:00	0.0784	24.2473	0.0019	0.1085	0.0000	0.0000	0.0000
2016-09-02 17:30:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 17:45:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 18:00:00	0.1005	24.2473	0.0024	0.1085	0.0000	0.0000	0.0000
2016-09-02 18:15:00	0.1365	24.2473	0.0033	0.1085	0.0000	0.0000	0.0000
2016-09-02 18:30:00	0.1016	24.2473	0.0025	0.1085	0.0000	0.0000	0.0000
2016-09-02 18:45:00	0.0381	24.2473	0.0009	0.1085	0.0000	0.0000	0.0000
2016-09-02 19:00:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 19:15:00	0.0184	24.2473	0.0004	0.1085	0.0000	0.0000	0.0000
2016-09-02 19:30:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 19:45:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 20:00:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 20:15:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 20:30:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 20:45:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 21:00:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 21:15:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-02 21:30:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-09-02 21:45:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-02 22:00:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-02 22:15:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-02 22:30:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-02 22:45:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-02 23:00:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-02 23:15:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-02 23:30:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-02 23:45:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2010-03-02 23.43.00							
2016-09-03 00:00:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.2218 0.2218	0.0000 0.0000	0.0000 0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-03 00:45:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-03 01:00:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-03 01:15:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-03 01:30:00	0.1553	24.2473	0.0038	0.2218	0.0000	0.0000	0.0000
2016-09-03 01:45:00	0.3448	24.2473	0.0084	0.2218	0.0001	0.0000	0.0000
2016-09-03 02:00:00	0.8789	24.2473	0.0213	0.2218	0.0002	0.0000	0.0000
2016-09-03 02:15:00	1.4489	24.2473	0.0351	0.2218	0.0003	0.0000	0.0000
2016-09-03 02:30:00	0.1730	24.2473	0.0042	0.2218	0.0000	0.0000	0.0000
2016-09-03 02:45:00	0.7813	24.2473	0.0189	0.2218	0.0002	0.0000	0.0000
2016-09-03 03:00:00	0.1536	24.2473	0.0037	0.2218	0.0000	0.0000	0.0000
2016-09-03 03:15:00	0.0546	24.2473	0.0013	0.2218	0.0000	0.0000	0.0000
2016-09-03 03:30:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-03 03:45:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-03 04:00:00	0.0179	24.2473	0.0004	0.2218	0.0000	0.0000	0.0000
2016-09-03 04:15:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-03 04:30:00	0.0000	24.2473	0.0000	0.2218	0.0000	0.0000	0.0000
2016-09-03 04:45:00	0.0213	24.2473	0.0005	0.2218	0.0000	0.0000	0.0000
2016-09-03 05:00:00 2016-09-03 05:15:00	0.0193	24.2473	0.0005	0.2218	0.0000	0.0000 0.0000	0.0000 0.0000
2016-09-03 05:15:00	0.3290	24.2473	0.0080	0.2218 0.2218	0.0001 0.0000	0.0000	0.0000
2016-09-03 05:45:00	0.0357	24.2473	0.0009 0.0000	0.2218	0.0000		0.0000
2016-09-03 05:45:00	0.0000 0.0585	24.2473 24.2473	0.0000	0.1085	0.0000	0.0000 0.0000	0.0000
2016-09-03 06:00:00	0.4566	24.2473	0.0014	0.1085	0.0000	0.0000	0.0000
2016-09-03 06:30:00	0.4566	24.2473	0.0021	0.1085	0.0000	0.0000	0.0000
2016-09-03 06:45:00	0.0196	24.2473	0.0021	0.1085	0.0000	0.0000	0.0000
2016-09-03 07:00:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-03 07:15:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-03 07:30:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-03 07:45:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-03 08:00:00	0.0000	24.2473	0.0000	0.1085	0.0000	0.0000	0.0000
2016-09-03 08:15:00	0.0000	24.2473	0.0000	0.1359	0.0000	0.0000	0.0000
2016-09-03 08:30:00	0.0000	24.2473	0.0000	0.2211	0.0000	0.0000	0.0000
2016-09-03 08:45:00	0.0000	24.2473	0.0000	0.2211	0.0000	0.0000	0.0000
2016-09-03 09:00:00	0.0000	24.2473	0.0000	0.2211	0.0000	0.0000	0.0000
2016-09-03 09:15:00	0.0000	24.2473	0.0000	0.2211	0.0000	0.0000	0.0000
2016-09-03 09:30:00	0.0563	24.2473	0.0014	0.2211	0.0000	0.0000	0.0000
2016-09-03 09:45:00	0.0000	24.2473	0.0000	0.2211	0.0000	0.0000	0.0000
2016-09-03 10:00:00	0.0193	24.2473	0.0005	0.2211	0.0000	0.0000	0.0000
2016-09-03 10:15:00	0.0000	24.2473	0.0000	0.2211	0.0000	0.0000	0.0000
2016-09-03 10:30:00	0.1965	24.2473	0.0048	0.2211	0.0000	0.0000	0.0000
2016-09-03 10:45:00	0.6432	24.2473	0.0156	0.2211	0.0001	0.0000	0.0000
2016-09-03 11:00:00	1.4088	24.2473	0.0342	0.2099	0.0003	0.0000	0.0000
2016-09-03 11:15:00	2.0676	24.2473	0.0501	0.1078	0.0002	0.0000	0.0000
2016-09-03 11:30:00	2.7817	24.2473	0.0674	0.1078	0.0003	0.0000	0.0000
2016-09-03 11:45:00	3.1308	24.2473	0.0759	0.1078	0.0003	0.0000	0.0000
2016-09-03 12:00:00	3.6335	24.2473	0.0881	0.1078	0.0004	0.0000	0.0000
2016-09-03 12:15:00	3.4324	24.2473	0.0832	0.1078	0.0004	0.0000	0.0000
2016-09-03 12:30:00	3.7483	24.2473	0.0909	0.1078	0.0004	0.0000	0.0000
2016-09-03 12:45:00	2.4407	24.2473	0.0592	0.1078	0.0003	0.0000	0.0000
2016-09-03 13:00:00	3.2092	24.2473	0.0778	0.1078	0.0003	0.0000	0.0000
2016-09-03 13:15:00	2.5519	24.2473	0.0619	0.1078	0.0003	0.0000	0.0000
2016-09-03 13:30:00	1.9588	24.2473	0.0475	0.1078	0.0002	0.0000	0.0000
2016-09-03 13:45:00	2.0468	24.2473	0.0496	0.1078	0.0002	0.0000	0.0000
2016-09-03 14:00:00	3.3130	24.2473	0.0803	0.1078	0.0004	0.0000	0.0000
2016-09-03 14:15:00	3.6542	24.2473	0.0886	0.1078	0.0004	0.0000	0.0000
2016-09-03 14:30:00	2.0252	24.2473	0.0491	0.1078	0.0002	0.0000	0.0000
2016-09-03 14:45:00	2.1666	24.2473	0.0525	0.1078	0.0002	0.0000	0.0000
2016-09-03 15:00:00	2.3638	24.2473	0.0573	0.1078	0.0003	0.0000	0.0000
2016-09-03 15:15:00	2.8807	24.2473	0.0699	0.1078	0.0003	0.0000	0.0000
2016-09-03 15:30:00	2.7987	24.2473	0.0679	0.1078	0.0003	0.0000	0.0000
2016-09-03 15:45:00	1.8730	24.2473	0.0454	0.1078	0.0002	0.0000	0.0000
2016-09-03 16:00:00	1.0657	24.2473	0.0258	0.1078	0.0001	0.0000	0.0000
2016-09-03 16:15:00	0.4823	24.2473	0.0117	0.1078	0.0001	0.0000	0.0000
2016-09-03 16:30:00	0.1533	24.2473	0.0037	0.1078	0.0000	0.0000	0.0000
2016-09-03 16:45:00	0.0374	24.2473	0.0009	0.1078	0.0000	0.0000	0.0000
2016-09-03 17:00:00	0.0000	24.2473	0.0000	0.1078	0.0000	0.0000	0.0000
2016-09-03 17:15:00	0.0000	24.2473	0.0000	0.1078	0.0000	0.0000	0.0000
2016-09-03 17:30:00	0.0618	24.2473	0.0015	0.1078	0.0000	0.0000	0.0000
2016-09-03 17:45:00	0.0194	24.2473	0.0005	0.1078	0.0000	0.0000	0.0000
2016-09-03 18:00:00	0.0000	24.2473	0.0000	0.1078	0.0000	0.0000	0.0000
2016-09-03 18:15:00	0.0000	24.2473	0.0000	0.1078	0.0000	0.0000	0.0000
2016-09-03 18:30:00	0.0000	24.2473	0.0000	0.1807	0.0000	0.0000	0.0000
2016-09-03 18:45:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 19:00:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 19:15:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-03 19:30:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 19:45:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 20:00:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 20:15:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 20:30:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 20:45:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 21:00:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 21:15:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 21:30:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 21:45:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 22:00:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 22:15:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 22:30:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-03 22:45:00	0.0000	24.2473	0.0000	0.2204 0.2204	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-03 23:00:00	0.0000	24.2473	0.0000	0.2204			0.0000
2016-09-03 23:15:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000 0.0000	0.0000
2016-09-03 23:30:00 2016-09-03 23:45:00	0.0000	24.2473 24.2473	0.0000 0.0000	0.2204	0.0000 0.0000	0.0000	0.0000
2016-09-03 23:45:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
	0.0000	24.2473					
2016-09-04 00:15:00 2016-09-04 00:30:00	0.0000 0.0000	24.2473	0.0000 0.0000	0.2204 0.2204	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-04 00:30:00 2016-09-04 00:45:00	0.0000 1.1613	24.2473 24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 00:45:00	1.5160	24.2473	0.0282	0.2204	0.0003	0.0000	0.0000
2016-09-04 01:00:00	0.3919	24.2473	0.0368	0.2204	0.0003	0.0000	0.0000
2016-09-04 01:15:00	0.3919	24.2473	0.0095	0.2204	0.0001	0.0000	0.0000
2016-09-04 01:30:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 01:45:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 02:00:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 02:30:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 02:45:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 03:00:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 03:15:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 03:30:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 03:45:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 04:00:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 04:15:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 04:30:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 04:45:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 05:00:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 05:15:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 05:30:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 05:45:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 06:00:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 06:15:00	0.0000	24.2473	0.0000	0.2204	0.0000	0.0000	0.0000
2016-09-04 06:30:00	0.0000	24.2473	0.0000	0.2123	0.0000	0.0000	0.0000
2016-09-04 06:45:00	0.0000	24.2473	0.0000	0.1009	0.0000	0.0000	0.0000
2016-09-04 07:00:00	0.1061	24.2473	0.0026	0.1009	0.0000	0.0000	0.0000
2016-09-04 07:15:00	0.7201	24.2473	0.0175	0.1009	0.0001	0.0000	0.0000
2016-09-04 07:30:00	0.7516	24.2473	0.0182	0.1009	0.0001	0.0000	0.0000
2016-09-04 07:45:00	0.4306	24.2473	0.0104	0.1009	0.0000	0.0000	0.0000
2016-09-04 08:00:00	2.6891	24.2473	0.0652	0.1009	0.0003	0.0000	0.0000
2016-09-04 08:15:00	1.6248	24.2473	0.0394	0.1009	0.0002	0.0000	0.0000
2016-09-04 08:30:00	2.5054	24.2473	0.0607	0.1009	0.0003	0.0000	0.0000
2016-09-04 08:45:00	3.1022	24.2473	0.0752	0.1009	0.0003	0.0000	0.0000
2016-09-04 09:00:00	2.5295	24.2473	0.0613	0.1009	0.0003	0.0000	0.0000
2016-09-04 09:15:00	1.6767	24.2473	0.0407	0.1009	0.0002	0.0000	0.0000
2016-09-04 09:30:00	1.8290	24.2473	0.0443	0.1009	0.0002	0.0000	0.0000
2016-09-04 09:45:00	3.3855	24.2473	0.0821	0.1009	0.0003	0.0000	0.0000
2016-09-04 10:00:00	2.8727	24.2473	0.0697	0.1009	0.0003	0.0000	0.0000
2016-09-04 10:15:00	4.0523	24.2473	0.0983	0.1009	0.0004	0.0000	0.0000
2016-09-04 10:30:00	5.1748	24.2473	0.1255	0.1009	0.0005	0.0000	0.0000
2016-09-04 10:45:00	4.7086	24.2473	0.1142	0.1009	0.0005	0.0000	0.0000
2016-09-04 11:00:00	5.0926	24.2473	0.1235	0.1009	0.0005	0.0000	0.0000
2016-09-04 11:15:00	5.1237	24.2473	0.1242	0.1009	0.0005	0.0000	0.0000
2016-09-04 11:30:00	5.9408	24.2473	0.1440	0.1009	0.0006	0.0000	0.0000
2016-09-04 11:45:00	5.5525	24.2473	0.1346	0.1009	0.0006	0.0000	0.0000
2016-09-04 12:00:00	4.3822	24.2473	0.1063	0.1009	0.0004	0.0000	0.0000
2016-09-04 12:15:00	3.9817	24.2473	0.0965	0.1009	0.0004	0.0000	0.0000
2016-09-04 12:30:00	2.9317	24.2473	0.0711	0.1009	0.0003	0.0000	0.0000
2016-09-04 12:45:00	2.5341	24.2473	0.0614	0.1009	0.0003	0.0000	0.0000
2016-09-04 13:00:00	2.3306	24.2473	0.0565	0.1009	0.0002	0.0000	0.0000
2016-09-04 13:15:00	2.9591	24.2473	0.0718	0.1009	0.0003	0.0000	0.0000
2016-09-04 13:30:00	2.4123	24.2473	0.0585	0.1009	0.0002	0.0000	0.0000
				0.4000	0.0000	0.0000	0.0000
2016-09-04 13:45:00 2016-09-04 14:00:00	2.9221 3.3901	24.2473 24.2473	0.0709 0.0822	0.1009 0.1009	0.0003 0.0003	0.0000 0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-04 14:15:00	5.5630	24.2473	0.1349	0.1009	0.0006	0.0000	0.0000
2016-09-04 14:30:00	3.6966	24.2473	0.0896	0.1009	0.0004	0.0000	0.0000
2016-09-04 14:45:00	4.7997	24.2473	0.1164	0.1009	0.0005	0.0000	0.0000
2016-09-04 15:00:00	3.2459	24.2473	0.0787	0.1009	0.0003	0.0000	0.0000
2016-09-04 15:15:00	3.1873	24.2473	0.0773	0.1009	0.0003	0.0000	0.0000
2016-09-04 15:30:00	3.6121	24.2473	0.0876	0.1009	0.0004	0.0000	0.0000
2016-09-04 15:45:00	2.5317	24.2473	0.0614	0.1009	0.0003	0.0000	0.0000
2016-09-04 16:00:00	1.5448	24.2473	0.0375	0.1009	0.0002	0.0000	0.0000
2016-09-04 16:15:00	1.7535	24.2473	0.0425	0.1009	0.0002	0.0000	0.0000
2016-09-04 16:30:00	1.2218	24.2473	0.0296	0.1009	0.0001	0.0000	0.0000
2016-09-04 16:45:00	1.0804	24.2473	0.0262	0.1009	0.0001	0.0000	0.0000
2016-09-04 17:00:00	0.4860	24.2473	0.0118	0.1009	0.0000	0.0000	0.0000
2016-09-04 17:15:00	1.1316	24.2473	0.0274	0.1009	0.0001	0.0000	0.0000
2016-09-04 17:30:00	2.4576	24.2473	0.0596 0.0264	0.1009	0.0002 0.0001	0.0000 0.0000	0.0000
2016-09-04 17:45:00	1.0890	24.2473		0.1310			0.0000
2016-09-04 18:00:00	0.8360	24.2473	0.0203	0.2142	0.0002 0.0001	0.0000 0.0000	0.0000
2016-09-04 18:15:00	0.5417	24.2473	0.0131 0.0025	0.2142 0.2142	0.0001	0.0000	0.0000
2016-09-04 18:30:00 2016-09-04 18:45:00	0.1036	24.2473 24.2473	0.0025	0.2142	0.0000	0.0000	0.0000
	0.0180 0.7369	24.2473	0.004	0.2142	0.0000	0.0000	0.0000
2016-09-04 19:00:00						0.0000	
2016-09-04 19:15:00 2016-09-04 19:30:00	0.3686 0.2899	24.2473 24.2473	0.0089 0.0070	0.2142 0.2142	0.0001 0.0001	0.0000	0.0000
2016-09-04 19:30:00	0.2899	24.2473	0.0070	0.2142	0.0001	0.0000	0.0000
2016-09-04 19:45:00	0.0190	24.2473	0.0005	0.2142	0.0000	0.0000	0.0000
2016-09-04 20:00:00	0.0812	24.2473	0.0020	0.2142	0.0000	0.0000	0.0000
2016-09-04 20:13:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 20:45:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 21:00:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 21:15:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 21:30:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 21:45:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 22:00:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 22:15:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 22:30:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 22:45:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 23:00:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 23:15:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 23:30:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-04 23:45:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 00:00:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 00:15:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 00:30:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 00:45:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 01:00:00	0.0410	24.2473	0.0010	0.2142	0.0000	0.0000	0.0000
2016-09-05 01:15:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 01:30:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 01:45:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 02:00:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 02:15:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 02:30:00	0.0189	24.2473	0.0005	0.2142	0.0000	0.0000	0.0000
2016-09-05 02:45:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 03:00:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 03:15:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 03:30:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 03:45:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 04:00:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 04:15:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 04:30:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 04:45:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 05:00:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 05:15:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 05:30:00	0.0586	24.2473	0.0014	0.2142	0.0000	0.0000	0.0000
2016-09-05 05:45:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 06:00:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 06:15:00	0.0000	24.2473	0.0000	0.2142	0.0000	0.0000	0.0000
2016-09-05 06:30:00	0.4546	24.2473	0.0110	0.2142	0.0001	0.0000	0.0000
2016-09-05 06:45:00	0.4908	24.2473	0.0119	0.2142	0.0001	0.0000	0.0000
2016-09-05 07:00:00	0.9129	24.2473	0.0221	0.2142	0.0002	0.0000	0.0000
2016-09-05 07:15:00	1.6172	24.2473	0.0392	0.2142	0.0003	0.0000	0.0000
2016-09-05 07:30:00	2.5421	24.2473	0.0616	0.2142	0.0005	0.0000	0.0000
2016-09-05 07:45:00	4.5252	24.2473	0.1097	0.2142	0.0010	0.0000	0.0000
2016-09-05 08:00:00	4.6731	24.2473	0.1133	0.2142	0.0010	0.0000	0.0000
2016-09-05 08:15:00	4.1745	24.2473	0.1012	0.2542	0.0011	0.0000	0.0000
2010 03 03 00:13:00							
2016-09-05 08:30:00	2.2241 0.4157	24.2473 24.2473	0.0539 0.0101	0.1428	0.0003 0.0001	0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-05 09:00:00	0.0399	24.2473	0.0010	0.1428	0.0000	0.0000	0.0000
2016-09-05 09:15:00	0.0000	24.2473	0.0000	0.1437	0.0000	0.0000	0.0000
2016-09-05 09:30:00	0.0000	24.2473	0.0000	0.2554	0.0000	0.0000	0.0000
2016-09-05 09:45:00	0.0000	24.2473	0.0000	0.2554	0.0000	0.0000	0.0000
2016-09-05 10:00:00	0.0000	24.2473	0.0000	0.2554	0.0000	0.0000	0.0000
2016-09-05 10:15:00	0.0000	24.2473	0.0000	0.2554	0.0000	0.0000	0.0000
2016-09-05 10:30:00	0.0000	24.2473	0.0000	0.2554	0.0000	0.0000	0.0000
2016-09-05 10:45:00	0.0191	24.2473	0.0005	0.2554	0.0000	0.0000	0.0000
2016-09-05 11:00:00	0.0000	24.2473	0.0000	0.2554	0.0000	0.0000	0.0000
2016-09-05 11:15:00	0.1855	24.2473	0.0045	0.2554	0.0000	0.0000	0.0000
2016-09-05 11:30:00	0.2389	24.2473	0.0058	0.2554	0.0001	0.0000	0.0000
2016-09-05 11:45:00	0.1228	24.2473	0.0030	0.2554	0.0000	0.0000	0.0000
2016-09-05 12:00:00	0.1582	24.2473	0.0038	0.2554	0.0000	0.0000	0.0000
2016-09-05 12:15:00	0.0388	24.2473	0.0009 0.0000	0.2554	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-05 12:30:00 2016-09-05 12:45:00	0.0000 0.0000	24.2473 24.2473	0.0000	0.2554 0.2554	0.0000	0.0000	0.0000
2016-09-05 12:45:00 2016-09-05 13:00:00	0.0000	24.2473	0.0000	0.2554	0.0000	0.0000	0.0000
2016-09-05 13:00:00		24.2473	0.0000	0.2554	0.0000	0.0000	0.0000
	0.1288	24.2473	0.0031	0.2554	0.0000	0.0000	0.0000
2016-09-05 13:30:00 2016-09-05 13:45:00	0.6279 1.1072	24.2473	0.0152	0.2554	0.0002	0.0000	0.0000
2016-09-05 13:45:00		24.2473	0.0268	0.2554	0.0003	0.0000	0.0000
2016-09-05 14:00:00	3.1072 3.6950	24.2473	0.0753	0.2554	0.0008	0.0000	0.0000
2016-09-05 14:15:00 2016-09-05 14:30:00	3.6950 2.8623	24.2473	0.0896	0.2554	0.0009	0.0000	0.0000
2016-09-05 14:30:00	2.8623	24.2473	0.0539	0.2554	0.0007	0.0000	0.0000
2016-09-05 15:00:00	2.9478	24.2473	0.0715	0.2554	0.0008	0.0000	0.0000
2016-09-05 15:00:00	1.7336	24.2473	0.0715	0.2354	0.0008	0.0000	0.0000
2016-09-05 15:30:00	0.8961	24.2473	0.0420	0.1387	0.0004	0.0000	0.0000
2016-09-05 15:45:00	0.5490	24.2473	0.0133	0.1387	0.0001	0.0000	0.0000
2016-09-05 16:00:00	0.8118	24.2473	0.0197	0.1387	0.0001	0.0000	0.0000
2016-09-05 16:15:00	1.3335	24.2473	0.0323	0.1387	0.0002	0.0000	0.0000
2016-09-05 16:30:00	0.7377	24.2473	0.0179	0.1387	0.0001	0.0000	0.0000
2016-09-05 16:45:00	0.7882	24.2473	0.0191	0.1387	0.0001	0.0000	0.0000
2016-09-05 17:00:00	1.1195	24.2473	0.0271	0.1387	0.0002	0.0000	0.0000
2016-09-05 17:15:00	0.6631	24.2473	0.0161	0.0992	0.0001	0.0000	0.0000
2016-09-05 17:30:00	0.6626	24.2473	0.0161	0.1331	0.0001	0.0000	0.0000
2016-09-05 17:45:00	1.4464	24.2473	0.0351	0.1428	0.0002	0.0000	0.0000
2016-09-05 18:00:00	2.7315	24.2473	0.0662	0.1428	0.0004	0.0000	0.0000
2016-09-05 18:15:00	3.8259	24.2473	0.0928	0.0990	0.0004	0.0000	0.0000
2016-09-05 18:30:00	2.4695	24.2473	0.0599	0.1971	0.0005	0.0000	0.0000
2016-09-05 18:45:00	3.8696	24.2473	0.0938	0.1796	0.0007	0.0000	0.0000
2016-09-05 19:00:00	2.8037	24.2473	0.0680	0.2040	0.0006	0.0000	0.0000
2016-09-05 19:15:00	2.2175	24.2473	0.0538	0.2135	0.0005	0.0000	0.0000
2016-09-05 19:30:00	3.8422	24.2473	0.0932	0.2135	0.0008	0.0000	0.0000
2016-09-05 19:45:00	3.8246	24.2473	0.0927	0.2135	0.0008	0.0000	0.0000
2016-09-05 20:00:00	4.4197	24.2473	0.1072	0.2135	0.0009	0.0000	0.0000
2016-09-05 20:15:00	3.5028	24.2473	0.0849	0.2135	0.0007	0.0000	0.0000
2016-09-05 20:30:00	2.8182	24.2473	0.0683	0.2135	0.0006	0.0000	0.0000
2016-09-05 20:45:00	2.3417	24.2473	0.0568	0.2135	0.0005	0.0000	0.0000
2016-09-05 21:00:00	0.7285	24.2473	0.0177	0.2135	0.0002	0.0000	0.0000
2016-09-05 21:15:00	0.8082	24.2473	0.0196	0.2566	0.0002	0.0000	0.0000
2016-09-05 21:30:00	0.3985	24.2473	0.0097	0.3275	0.0001	0.0000	0.0000
2016-09-05 21:45:00	0.4124	24.2473	0.0100	0.3275	0.0001	0.0000	0.0000
2016-09-05 22:00:00	0.5731	24.2473	0.0139	0.3275	0.0002	0.0000	0.0000
2016-09-05 22:15:00	1.0470	24.2473	0.0254	0.3275	0.0003	0.0000	0.0000
2016-09-05 22:30:00	0.5309	24.2473	0.0129	0.3275	0.0002	0.0000	0.0000
2016-09-05 22:45:00	0.5167	24.2473	0.0125	0.3275	0.0002	0.0000	0.0000
2016-09-05 23:00:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-05 23:15:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-05 23:30:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-05 23:45:00	0.4796	24.2473	0.0116	0.3275	0.0002	0.0000	0.0000
2016-09-06 00:00:00	0.3065	24.2473	0.0074	0.3275	0.0001	0.0000	0.0000
2016-09-06 00:15:00	0.1131	24.2473	0.0027	0.3275	0.0000	0.0000	0.0000
2016-09-06 00:30:00	0.3295	24.2473	0.0080	0.3275	0.0001	0.0000	0.0000
2016-09-06 00:45:00	1.1121	24.2473	0.0270	0.3275	0.0004	0.0000	0.0000
2016-09-06 01:00:00	1.3898	24.2473	0.0337	0.3275	0.0005	0.0000	0.0000
2016-09-06 01:15:00	0.2183	24.2473	0.0053	0.3275	0.0001	0.0000	0.0000
2016-09-06 01:30:00	0.2580	24.2473	0.0063	0.3275	0.0001	0.0000	0.0000
2016-09-06 01:45:00	0.1893	24.2473	0.0046	0.3275	0.0001	0.0000	0.0000
2016-09-06 02:00:00	0.6264	24.2473	0.0152	0.3275	0.0002	0.0000	0.0000
2016-09-06 02:15:00	0.1322	24.2473	0.0032	0.3275	0.0000	0.0000	0.0000
2016-09-06 02:30:00	0.0375	24.2473	0.0009	0.3275	0.0000	0.0000	0.0000
2010 03 00 02:50:00			0.0027	0.2275	0.0001	0.0000	0.0000
2016-09-06 02:45:00	0.1539	24.2473	0.0037	0.3275	0.0001	0.0000	0.0000
2016-09-06 02:45:00 2016-09-06 03:00:00	0.0358	24.2473	0.0009	0.3275	0.0000	0.0000	0.0000
2016-09-06 02:45:00							

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-06 03:45:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 04:00:00	0.0184	24.2473	0.0004	0.3275	0.0000	0.0000	0.0000
2016-09-06 04:15:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 04:30:00	0.0217	24.2473	0.0005	0.3275	0.0000	0.0000	0.0000
2016-09-06 04:45:00	0.1309	24.2473	0.0032	0.3275	0.0000	0.0000	0.0000
2016-09-06 05:00:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 05:15:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 05:30:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 05:45:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 06:00:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 06:15:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 06:30:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 06:45:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 07:00:00	0.0000	24.2473	0.0000	0.3275	0.0000	0.0000	0.0000
2016-09-06 07:15:00	0.0000	24.2473	0.0000	0.3130	0.0000	0.0000	0.0000
2016-09-06 07:30:00	0.0000	24.2473	0.0000	0.2122	0.0000	0.0000	0.0000
2016-09-06 07:45:00	0.0000	24.2473	0.0000	0.2122	0.0000	0.0000	0.0000
2016-09-06 08:00:00	0.0000	24.2473	0.0000	0.2122	0.0000	0.0000	0.0000
2016-09-06 08:15:00	0.0000	24.2473	0.0000	0.2476	0.0000	0.0000	0.0000
2016-09-06 08:30:00	0.0000	24.2473	0.0000	0.3248	0.0000	0.0000	0.0000
2016-09-06 08:45:00	0.0000	24.2473	0.0000	0.3248	0.0000	0.0000	0.0000
2016-09-06 09:00:00	0.0000	24.2473	0.0000	0.3248	0.0000	0.0000	0.0000
2016-09-06 09:15:00	0.0000	24.2473	0.0000	0.3248	0.0000	0.0000	0.0000
2016-09-06 09:30:00 2016-09-06 09:45:00	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.3248 0.3248	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-06 09:45:00	0.0000	24.2473	0.0000	0.3248	0.0000	0.0000	0.0000
2016-09-06 10:00:00	0.0445	24.2473	0.0000	0.3248	0.0000	0.0000	0.0000
2016-09-06 10:13:00	0.3221	24.2473	0.0078	0.3248	0.0001	0.0000	0.0000
2016-09-06 10:30:00	0.7131	24.2473	0.0078	0.3248	0.0001	0.0000	0.0000
2016-09-06 11:00:00	1.2512	24.2473	0.0303	0.3248	0.0002	0.0000	0.0000
2016-09-06 11:15:00	0.6646	24.2473	0.0161	0.3248	0.0004	0.0000	0.0000
2016-09-06 11:30:00	0.7290	24.2473	0.0101	0.3248	0.0002	0.0000	0.0000
2016-09-06 11:45:00	0.1365	24.2473	0.0033	0.3248	0.0002	0.0000	0.0000
2016-09-06 12:00:00	0.2864	24.2473	0.0069	0.3248	0.0001	0.0000	0.0000
2016-09-06 12:15:00	0.6044	24.2473	0.0147	0.3248	0.0002	0.0000	0.0000
2016-09-06 12:30:00	1.6172	24.2473	0.0392	0.3248	0.0005	0.0000	0.0000
2016-09-06 12:45:00	2.0347	24.2473	0.0493	0.3248	0.0007	0.0000	0.0000
2016-09-06 13:00:00	1.9200	24.2473	0.0466	0.3248	0.0006	0.0000	0.0000
2016-09-06 13:15:00	1.3026	24.2473	0.0316	0.3248	0.0004	0.0000	0.0000
2016-09-06 13:30:00	0.8837	24.2473	0.0214	0.3248	0.0003	0.0000	0.0000
2016-09-06 13:45:00	0.5061	24.2473	0.0123	0.2451	0.0001	0.0000	0.0000
2016-09-06 14:00:00	2.9748	24.2473	0.0721	0.1341	0.0004	0.0000	0.0000
2016-09-06 14:15:00	2.4125	24.2473	0.0585	0.1237	0.0003	0.0000	0.0000
2016-09-06 14:30:00	2.7286	24.2473	0.0662	0.1551	0.0004	0.0000	0.0000
2016-09-06 14:45:00	2.5786	24.2473	0.0625	0.1780	0.0005	0.0000	0.0000
2016-09-06 15:00:00	2.0002	24.2473	0.0485	0.1502	0.0003	0.0000	0.0000
2016-09-06 15:15:00	1.9035	24.2473	0.0462	0.1542	0.0003	0.0000	0.0000
2016-09-06 15:30:00	1.5248	24.2473	0.0370	0.1570	0.0002	0.0000	0.0000
2016-09-06 15:45:00	2.0532	24.2473	0.0498	0.0845	0.0002	0.0000	0.0000
2016-09-06 16:00:00	1.8768	24.2473	0.0455	0.0475	0.0001	0.0000	0.0000
2016-09-06 16:15:00	3.6571	24.2473	0.0887	0.0019	0.0000	0.0000	0.0000
2016-09-06 16:30:00	2.5166	24.2473	0.0610	0.0945	0.0002	0.0000	0.0000
2016-09-06 16:45:00	2.3447	24.2473	0.0569	0.2081	0.0005	0.0000	0.0000
2016-09-06 17:00:00	0.7898	24.2473	0.0192	0.2081	0.0002	0.0000	0.0000
2016-09-06 17:15:00	0.8500	24.2473	0.0206	0.2081	0.0002	0.0000	0.0000
2016-09-06 17:30:00	1.6093	24.2473	0.0390	0.2081	0.0003	0.0000	0.0000
2016-09-06 17:45:00	0.0199	24.2473	0.0005	0.2081	0.0000	0.0000	0.0000
2016-09-06 18:00:00	0.0606	24.2473	0.0015	0.2081	0.0000	0.0000	0.0000
2016-09-06 18:15:00	0.2099	24.2473	0.0051	0.2081	0.0000	0.0000	0.0000
2016-09-06 18:30:00	0.9907	24.2473	0.0240	0.2081	0.0002	0.0000	0.0000
2016-09-06 18:45:00	0.5421	24.2473	0.0131	0.2081	0.0001	0.0000	0.0000
2016-09-06 19:00:00	0.2871	24.2473	0.0070	0.2081	0.0001	0.0000	0.0000
2016-09-06 19:15:00	0.2643	24.2473	0.0064	0.2081	0.0001	0.0000	0.0000
2016-09-06 19:30:00	1.1637	24.2473	0.0282	0.2081	0.0002	0.0000	0.0000
2016-09-06 19:45:00	1.0078	24.2473	0.0244	0.2081	0.0002	0.0000	0.0000
2016-09-06 20:00:00	0.3144	24.2473	0.0076	0.2081	0.0001	0.0000	0.0000
2016-09-06 20:15:00	0.2284	24.2473	0.0055	0.2081	0.0000	0.0000	0.0000
2016-09-06 20:30:00	0.1814	24.2473	0.0044	0.2081	0.0000	0.0000	0.0000
2016-09-06 20:45:00	0.0632	24.2473	0.0015	0.2081	0.0000	0.0000	0.0000
2016-09-06 21:00:00	0.1465	24.2473	0.0036	0.2081	0.0000	0.0000	0.0000
2016-09-06 21:15:00	0.0180	24.2473	0.0004	0.2081	0.0000	0.0000	0.0000
2016-09-06 21:30:00	0.1138	24.2473	0.0028	0.2081	0.0000	0.0000	0.0000
				0.2004	0.0000	0.0000	0.0000
2016-09-06 21:45:00	0.9939	24.2473	0.0241	0.2081	0.0002	0.0000	0.0000
2016-09-06 21:45:00 2016-09-06 22:00:00	0.9939 1.1031	24.2473 24.2473	0.0241 0.0267	0.2081	0.0002	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-06 22:30:00	0.0443	24.2473	0.0011	0.2081	0.0000	0.0000	0.0000
2016-09-06 22:45:00	0.1574	24.2473	0.0038	0.2081	0.0000	0.0000	0.0000
2016-09-06 23:00:00	0.0694	24.2473	0.0017	0.2081	0.0000	0.0000	0.0000
2016-09-06 23:15:00	0.0182	24.2473	0.0004	0.2081	0.0000	0.0000	0.0000
2016-09-06 23:30:00	0.4091	24.2473	0.0099	0.2081	0.0001	0.0000	0.0000
2016-09-06 23:45:00	0.1580	24.2473	0.0038	0.2081	0.0000	0.0000	0.0000
2016-09-07 00:00:00	0.2492	24.2473	0.0060	0.2081	0.0001	0.0000	0.0000
2016-09-07 00:15:00	1.4026	24.2473	0.0340	0.2081	0.0003	0.0000	0.0000
2016-09-07 00:30:00	0.8248	24.2473	0.0200	0.2081	0.0002	0.0000	0.0000
2016-09-07 00:45:00	1.2243	24.2473	0.0297	0.2081	0.0003	0.0000	0.0000
2016-09-07 01:00:00	1.7197	24.2473	0.0417	0.2081	0.0004	0.0000	0.0000
2016-09-07 01:15:00	0.3031	24.2473	0.0073	0.2081	0.0001	0.0000	0.0000
2016-09-07 01:30:00	0.1699	24.2473	0.0041	0.2081	0.0000	0.0000	0.0000
2016-09-07 01:45:00	0.0449	24.2473	0.0011 0.0049	0.2081 0.2081	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-07 02:00:00	0.2002	24.2473		0.2081			0.0000
2016-09-07 02:15:00	0.7207	24.2473	0.0175	0.2081	0.0001	0.0000 0.0000	0.0000
2016-09-07 02:30:00	0.0760	24.2473	0.0018		0.0000		0.0000
2016-09-07 02:45:00	0.1765	24.2473 24.2473	0.0043 0.0014	0.2081 0.2081	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-07 03:00:00	0.0576						
2016-09-07 03:15:00 2016-09-07 03:30:00	0.1235 0.2849	24.2473 24.2473	0.0030 0.0069	0.2081 0.2081	0.0000 0.0001	0.0000 0.0000	0.0000
2016-09-07 03:30:00	0.2849 0.2221	24.2473 24.2473	0.0069	0.2081	0.0001	0.0000	0.0000
2016-09-07 03:45:00	0.2221	24.2473	0.0054	0.2081	0.0000	0.0000	0.0000
2016-09-07 04:00:00	0.1557	24.2473	0.0038	0.2081	0.0000	0.0000	0.0000
2016-09-07 04:15:00	0.7442	24.2473	0.0180	0.2081	0.0002	0.0000	0.0000
2016-09-07 04:30:00	0.0610	24.2473	0.0037	0.2081	0.0000	0.0000	0.0000
2016-09-07 05:00:00	0.0392	24.2473	0.0013	0.2081	0.0000	0.0000	0.0000
2016-09-07 05:05:00	0.2192	24.2473	0.0053	0.2081	0.0000	0.0000	0.0000
2016-09-07 05:30:00	0.1695	24.2473	0.0033	0.2081	0.0000	0.0000	0.0000
2016-09-07 05:45:00	0.4407	24.2473	0.0107	0.2081	0.0001	0.0000	0.0000
2016-09-07 06:00:00	0.3201	24.2473	0.0078	0.2081	0.0001	0.0000	0.0000
2016-09-07 06:15:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-09-07 06:30:00	0.0000	24.2473	0.0000	0.2081	0.0000	0.0000	0.0000
2016-09-07 06:45:00	0.1227	24.2473	0.0030	0.2081	0.0000	0.0000	0.0000
2016-09-07 07:00:00	2.4282	24.2473	0.0589	0.2081	0.0005	0.0000	0.0000
2016-09-07 07:15:00	3.7230	24.2473	0.0903	0.2081	0.0008	0.0000	0.0000
2016-09-07 07:30:00	1.2199	24.2473	0.0296	0.2081	0.0003	0.0000	0.0000
2016-09-07 07:45:00	0.5062	24.2473	0.0123	0.1306	0.0001	0.0000	0.0000
2016-09-07 08:00:00	0.3574	24.2473	0.0087	0.0927	0.0000	0.0000	0.0000
2016-09-07 08:15:00	0.4193	24.2473	0.0102	0.0927	0.0000	0.0000	0.0000
2016-09-07 08:30:00	0.4715	24.2473	0.0114	0.2149	0.0001	0.0000	0.0000
2016-09-07 08:45:00	0.9082	24.2473	0.0220	0.1737	0.0002	0.0000	0.0000
2016-09-07 09:00:00	0.0376	24.2473	0.0009	0.1737	0.0000	0.0000	0.0000
2016-09-07 09:15:00	0.2776	24.2473	0.0067	0.1737	0.0000	0.0000	0.0000
2016-09-07 09:30:00	0.0751	24.2473	0.0018	0.1737	0.0000	0.0000	0.0000
2016-09-07 09:45:00	0.0221	24.2473	0.0005	0.1737	0.0000	0.0000	0.0000
2016-09-07 10:00:00	0.0180	24.2473	0.0004	0.1737	0.0000	0.0000	0.0000
2016-09-07 10:15:00	0.0801	24.2473	0.0019	0.1737	0.0000	0.0000	0.0000
2016-09-07 10:30:00	0.0189	24.2473	0.0005	0.1737	0.0000	0.0000	0.0000
2016-09-07 10:45:00	0.1169	24.2473	0.0028	0.1737	0.0000	0.0000	0.0000
2016-09-07 11:00:00	0.1140	24.2473	0.0028	0.1737	0.0000	0.0000	0.0000
2016-09-07 11:15:00	0.2528	24.2473	0.0061	0.1737	0.0000	0.0000	0.0000
2016-09-07 11:30:00	0.7080	24.2473	0.0172	0.1737	0.0001	0.0000	0.0000
2016-09-07 11:45:00	1.8509	24.2473	0.0449	0.1737	0.0003	0.0000	0.0000
2016-09-07 12:00:00	1.6804	24.2473	0.0407	0.1737	0.0003	0.0000	0.0000
2016-09-07 12:15:00	1.3421	24.2473	0.0325	0.1737	0.0002	0.0000	0.0000
2016-09-07 12:30:00	3.3936	24.2473	0.0823	0.1522	0.0005	0.0000	0.0000
2016-09-07 12:45:00	3.4957	24.2473	0.0848	0.1475	0.0005	0.0000	0.0000
2016-09-07 13:00:00	3.5236	24.2473	0.0854	0.1266	0.0004	0.0000	0.0000
2016-09-07 13:15:00	1.7617	24.2473	0.0427	0.1280	0.0002	0.0000	0.0000
2016-09-07 13:30:00	1.6393	24.2473	0.0397	0.1073	0.0002	0.0000	0.0000
2016-09-07 13:45:00	1.7210	24.2473	0.0417	0.0881	0.0002	0.0000	0.0000
2016-09-07 14:00:00	1.5522	24.2473	0.0376	0.0738	0.0001	0.0000	0.0000
2016-09-07 14:15:00	1.9024	24.2473	0.0461	0.0495	0.0001	0.0000	0.0000
2016-09-07 14:30:00	3.7198	24.2473	0.0902	0.0043	0.0000	0.0000	0.0000
2016-09-07 14:45:00	1.4814	24.2473	0.0359	0.0474	0.0001	0.0000	0.0000
2016-09-07 15:00:00	0.9454	24.2473	0.0229	0.0639	0.0001	0.0000	0.0000
2016-09-07 15:15:00	1.1626	24.2473	0.0282	0.0665	0.0001	0.0000	0.0000
2016-09-07 15:30:00	1.8910	24.2473	0.0459	0.0395	0.0001	0.0000	0.0000
2016-09-07 15:45:00	2.3759	24.2473	0.0576	0.0000	0.0000	0.0000	0.0000
2016-09-07 16:00:00	2.7049	24.2473	0.0656	0.0144	0.0000	0.0000	0.0000
2016-09-07 16:15:00	2.2703	24.2473	0.0550	0.0000	0.0000	0.0000	0.0000
2016-09-07 16:30:00	1.6587	24.2473	0.0402	0.0040	0.0000	0.0000	0.0000
2010-09-07 10.30.00							
2016-09-07 16:45:00	0.5764	24.2473	0.0140	0.0293	0.0000	0.0000	0.0000

		Doint Course Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-07 17:15:00	0.3621	24.2473	0.0088	0.0630	0.0000	0.0000	0.0000
2016-09-07 17:30:00	2.0591	24.2473	0.0499	0.0575	0.0001	0.0000	0.0000
2016-09-07 17:45:00	2.8463	24.2473	0.0690	0.1305	0.0004	0.0000	0.0000
2016-09-07 18:00:00	1.7808	24.2473	0.0432	0.1180	0.0002	0.0000	0.0000
2016-09-07 18:15:00	1.4860	24.2473	0.0360	0.1902 0.1902	0.0003 0.0002	0.0000 0.0000	0.0000 0.0000
2016-09-07 18:30:00 2016-09-07 18:45:00	1.1322 1.5549	24.2473 24.2473	0.0275 0.0377	0.1902	0.0002	0.0000	0.0000
2016-09-07 19:00:00	2.2905	24.2473	0.0555	0.1902	0.0003	0.0000	0.0000
2016-09-07 19:15:00	1.6516	24.2473	0.0400	0.1902	0.0003	0.0000	0.0000
2016-09-07 19:30:00	3.0623	24.2473	0.0743	0.1902	0.0006	0.0000	0.0000
2016-09-07 19:45:00	2.9615	24.2473	0.0718	0.1902	0.0006	0.0000	0.0000
2016-09-07 20:00:00	0.7827	24.2473	0.0190	0.1902	0.0001	0.0000	0.0000
2016-09-07 20:15:00	1.2109	24.2473	0.0294	0.1821	0.0002	0.0000	0.0000
2016-09-07 20:30:00	2.4180	24.2473	0.0586	0.1963	0.0005	0.0000	0.0000
2016-09-07 20:45:00	2.4629	24.2473	0.0597	0.2142	0.0005	0.0000	0.0000
2016-09-07 21:00:00	1.2026	24.2473	0.0292	0.2142	0.0003	0.0000	0.0000
2016-09-07 21:15:00	1.9515	24.2473	0.0473	0.2142	0.0004	0.0000	0.0000
2016-09-07 21:30:00	2.5885	24.2473	0.0628	0.2142	0.0006	0.0000	0.0000
2016-09-07 21:45:00	2.7232	24.2473	0.0660	0.2142	0.0006	0.0000	0.0000
2016-09-07 22:00:00	2.8550	24.2473	0.0692	0.2039	0.0006	0.0000	0.0000
2016-09-07 22:15:00	2.5184	24.2473	0.0611	0.1874	0.0005	0.0000	0.0000
2016-09-07 22:30:00 2016-09-07 22:45:00	3.1145 2.6468	24.2473 24.2473	0.0755 0.0642	0.1673 0.1223	0.0005 0.0003	0.0000 0.0000	0.0000 0.0000
2016-09-07 22:45:00	2.6468 0.8928	24.2473	0.0642	0.1223	0.0003	0.0000	0.0000
2016-09-07 23:00:00	0.6928	24.2473	0.0216	0.1139	0.0001	0.0000	0.0000
2016-09-07 23:30:00	0.4210	24.2473	0.0110	0.1229	0.0001	0.0000	0.0000
2016-09-07 23:45:00	0.2418	24.2473	0.0059	0.1229	0.0000	0.0000	0.0000
2016-09-08 00:00:00	0.4357	24.2473	0.0106	0.1970	0.0001	0.0000	0.0000
2016-09-08 00:15:00	0.1429	24.2473	0.0035	0.2355	0.0000	0.0000	0.0000
2016-09-08 00:30:00	0.1641	24.2473	0.0040	0.2355	0.0000	0.0000	0.0000
2016-09-08 00:45:00	0.5981	24.2473	0.0145	0.2355	0.0001	0.0000	0.0000
2016-09-08 01:00:00	0.6524	24.2473	0.0158	0.2355	0.0002	0.0000	0.0000
2016-09-08 01:15:00	0.2563	24.2473	0.0062	0.2355	0.0001	0.0000	0.0000
2016-09-08 01:30:00	0.1019	24.2473	0.0025	0.2355	0.0000	0.0000	0.0000
2016-09-08 01:45:00	1.1730	24.2473	0.0284	0.2355	0.0003	0.0000	0.0000
2016-09-08 02:00:00	2.7366	24.2473	0.0664	0.2355	0.0006	0.0000	0.0000
2016-09-08 02:15:00	4.1975	24.2473	0.1018	0.2355	0.0010	0.0000	0.0000
2016-09-08 02:30:00	5.8561	24.2473	0.1420	0.2355	0.0014	0.0000	0.0000
2016-09-08 02:45:00 2016-09-08 03:00:00	7.1976	24.2473 24.2473	0.1745 0.1546	0.2355	0.0017 0.0015	0.0000 0.0000	0.0000 0.0000
2016-09-08 03:00:00	6.3741 6.6836	24.2473	0.1546	0.2355 0.2355	0.0015	0.0000	0.0000
2016-09-08 03:30:00	5.0397	24.2473	0.1021	0.2355	0.0010	0.0000	0.0000
2016-09-08 03:45:00	4.4150	24.2473	0.1222	0.2355	0.0012	0.0000	0.0000
2016-09-08 04:00:00	4.3979	24.2473	0.1066	0.2355	0.0010	0.0000	0.0000
2016-09-08 04:15:00	2.6511	24.2473	0.0643	0.2355	0.0006	0.0000	0.0000
2016-09-08 04:30:00	1.3987	24.2473	0.0339	0.2355	0.0003	0.0000	0.0000
2016-09-08 04:45:00	0.2526	24.2473	0.0061	0.2355	0.0001	0.0000	0.0000
2016-09-08 05:00:00	0.0195	24.2473	0.0005	0.2355	0.0000	0.0000	0.0000
2016-09-08 05:15:00	1.0310	24.2473	0.0250	0.2355	0.0002	0.0000	0.0000
2016-09-08 05:30:00	4.4044	24.2473	0.1068	0.2355	0.0010	0.0000	0.0000
2016-09-08 05:45:00	6.4303	24.2473	0.1559	0.2355	0.0015	0.0000	0.0000
2016-09-08 06:00:00	5.8269	24.2473	0.1413	0.1997	0.0012	0.0000	0.0000
2016-09-08 06:15:00	6.1028	24.2473	0.1480	0.1229	0.0008	0.0000	0.0000
2016-09-08 06:30:00	4.9324	24.2473	0.1196	0.1229	0.0006	0.0000	0.0000
2016-09-08 06:45:00 2016-09-08 07:00:00	2.7878 4.9381	24.2473 24.2473	0.0676 0.1197	0.1229 0.1229	0.0003 0.0006	0.0000 0.0000	0.0000 0.0000
2016-09-08 07:00:00	4.9381 6.6997	24.2473	0.1197	0.1229	0.0008	0.0000	0.0000
2016-09-08 07:15:00	7.1847	24.2473	0.1625	0.1229	0.0008	0.0000	0.0000
2016-09-08 07:45:00	8.0457	24.2473	0.1742	0.1229	0.0010	0.0000	0.0000
2016-09-08 08:00:00	7.2672	24.2473	0.1762	0.1229	0.0009	0.0000	0.0000
2016-09-08 08:15:00	6.3213	24.2473	0.1533	0.1229	0.0008	0.0000	0.0000
2016-09-08 08:30:00	6.3538	24.2473	0.1541	0.1229	0.0008	0.0000	0.0000
2016-09-08 08:45:00	4.7657	24.2473	0.1156	0.1229	0.0006	0.0000	0.0000
2016-09-08 09:00:00	5.7282	24.2473	0.1389	0.1229	0.0007	0.0000	0.0000
2016-09-08 09:15:00	4.6545	24.2473	0.1129	0.1229	0.0006	0.0000	0.0000
2016-09-08 09:30:00	3.4123	24.2473	0.0827	0.1229	0.0004	0.0000	0.0000
2016-09-08 09:45:00	2.8470	24.2473	0.0690	0.1229	0.0003	0.0000	0.0000
2016-09-08 10:00:00	4.3780	24.2473	0.1062	0.1229	0.0005	0.0000	0.0000
2016-09-08 10:15:00	1.6003	24.2473	0.0388	0.1229	0.0002	0.0000	0.0000
2016-09-08 10:30:00	0.2062	24.2473	0.0050	0.1575	0.0000	0.0000	0.0000
2016-09-08 10:45:00	0.4946	24.2473	0.0120	0.2362	0.0001	0.0000	0.0000
2016-09-08 11:00:00	0.5701	24.2473	0.0138	0.2362	0.0001	0.0000	0.0000
2016-09-08 11:15:00	0.0375 0.0000	24.2473	0.0009	0.2362	0.0000	0.0000 0.0000	0.0000 0.0000
2016-09-08 11:30:00 2016-09-08 11:45:00	0.0000	24.2473 24.2473	0.0000 0.0000	0.2362 0.2362	0.0000 0.0000	0.0000	0.0000
2010 03 00 11.43.00	0.5000	1 27.24/3	0.3000	0.2302	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-08 12:00:00	0.0000	24.2473	0.0000	0.2362	0.0000	0.0000	0.0000
2016-09-08 12:15:00	0.0000	24.2473	0.0000	0.2362	0.0000	0.0000	0.0000
2016-09-08 12:30:00	0.0000	24.2473	0.0000	0.2362	0.0000	0.0000	0.0000
2016-09-08 12:45:00	0.0000	24.2473	0.0000	0.2362	0.0000	0.0000	0.0000
2016-09-08 13:00:00	0.0000	24.2473	0.0000	0.2362	0.0000	0.0000	0.0000
2016-09-08 13:15:00	0.0179	24.2473	0.0004	0.2362	0.0000	0.0000	0.0000
2016-09-08 13:30:00	0.0000	24.2473	0.0000	0.2362	0.0000	0.0000	0.0000
2016-09-08 13:45:00	0.6730	24.2473	0.0163	0.2362	0.0002	0.0000	0.0000
2016-09-08 14:00:00	1.5758	24.2473	0.0382	0.2362	0.0004	0.0000	0.0000
2016-09-08 14:15:00	1.8652	24.2473	0.0452	0.2362	0.0004	0.0000	0.0000
2016-09-08 14:30:00	3.1581	24.2473	0.0766	0.2362	0.0007	0.0000	0.0000
2016-09-08 14:45:00	2.7291	24.2473	0.0662	0.2362	0.0006	0.0000	0.0000
2016-09-08 15:00:00	2.6598	24.2473	0.0645	0.2362	0.0006	0.0000	0.0000
2016-09-08 15:15:00	3.6919	24.2473	0.0895	0.2362	0.0009	0.0000	0.0000
2016-09-08 15:30:00	2.9313	24.2473	0.0711	0.2362	0.0007	0.0000	0.0000
2016-09-08 15:45:00	2.6268	24.2473	0.0637	0.2362	0.0006	0.0000	0.0000
2016-09-08 16:00:00	3.2721	24.2473	0.0793	0.2362	0.0008	0.0000	0.0000
2016-09-08 16:15:00	3.1901	24.2473	0.0774	0.2362	0.0008	0.0000	0.0000
2016-09-08 16:30:00	2.8145	24.2473	0.0682	0.2362	0.0007	0.0000	0.0000
2016-09-08 16:45:00	3.1030	24.2473	0.0752	0.2362	0.0007	0.0000	0.0000
2016-09-08 17:00:00	2.8746	24.2473	0.0697	0.2362	0.0007	0.0000	0.0000
2016-09-08 17:15:00	1.4889	24.2473	0.0361	0.1996	0.0003	0.0000	0.0000
2016-09-08 17:30:00	3.9571	24.2473	0.0959	0.0448	0.0002	0.0000	0.0000
2016-09-08 17:45:00	3.2094	24.2473	0.0778	0.1830	0.0006	0.0000	0.0000
2016-09-08 18:00:00	1.3977	24.2473	0.0339	0.2328	0.0003	0.0000	0.0000
2016-09-08 18:15:00	3.0398	24.2473	0.0737	0.2328	0.0007	0.0000	0.0000
2016-09-08 18:30:00	3.1694	24.2473	0.0768	0.2328	0.0007	0.0000	0.0000
2016-09-08 18:45:00	3.0800	24.2473	0.0747	0.1570	0.0005	0.0000	0.0000
2016-09-08 19:00:00	3.2130	24.2473	0.0779	0.1699	0.0005	0.0000	0.0000
2016-09-08 19:15:00	3.1436	24.2473	0.0762	0.2101	0.0007	0.0000	0.0000
2016-09-08 19:30:00	3.0862	24.2473	0.0748	0.2101	0.0006	0.0000	0.0000
2016-09-08 19:45:00	3.8737	24.2473	0.0939	0.2101	0.0008	0.0000	0.0000
2016-09-08 20:00:00	2.7198	24.2473	0.0659	0.2101	0.0006	0.0000	0.0000
2016-09-08 20:15:00	2.2357	24.2473	0.0542	0.2101	0.0005	0.0000	0.0000
2016-09-08 20:30:00	3.0255	24.2473	0.0734	0.2101	0.0006	0.0000	0.0000
2016-09-08 20:45:00	2.3984	24.2473	0.0582	0.2101	0.0005	0.0000	0.0000
2016-09-08 21:00:00	2.0082	24.2473	0.0487	0.2101	0.0004	0.0000	0.0000
2016-09-08 21:15:00	2.0918	24.2473	0.0507	0.2101	0.0004	0.0000	0.0000
2016-09-08 21:30:00	2.2744	24.2473	0.0551	0.2101	0.0005	0.0000	0.0000
2016-09-08 21:45:00	2.5051	24.2473	0.0607	0.2101	0.0005	0.0000	0.0000
2016-09-08 22:00:00	2.4292	24.2473	0.0589	0.2073	0.0005	0.0000	0.0000
2016-09-08 22:15:00	3.1261	24.2473	0.0758	0.1760	0.0006	0.0000	0.0000
2016-09-08 22:30:00	3.7774	24.2473	0.0916	0.1309	0.0005	0.0000	0.0000
2016-09-08 22:45:00	1.4441	24.2473	0.0350	0.1866	0.0003	0.0000	0.0000
2016-09-08 23:00:00	0.4571	24.2473	0.0111	0.1895	0.0001	0.0000	0.0000
2016-09-08 23:15:00	0.0973	24.2473	0.0024	0.1895	0.0000	0.0000	0.0000
2016-09-08 23:30:00	0.4580	24.2473	0.0111	0.1895	0.0001	0.0000	0.0000
2016-09-08 23:45:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 00:00:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 00:15:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 00:30:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 00:45:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 01:00:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 01:15:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 01:30:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 01:45:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 02:00:00	0.0438	24.2473	0.0011	0.1895	0.0000	0.0000	0.0000
2016-09-09 02:15:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 02:30:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 02:45:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 03:00:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 03:15:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 03:30:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 03:45:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 04:00:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 04:15:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 04:30:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 04:45:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 05:00:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 05:15:00	0.0573	24.2473	0.0014	0.1895	0.0000	0.0000	0.0000
2016-09-09 05:30:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 05:45:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 06:00:00	0.0000	24.2473					
2016-09-09 06:00:00 2016-09-09 06:15:00	0.4850	24.2473	0.0118	0.1895	0.0001	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-09 06:45:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 07:00:00	0.0000	24.2473	0.0000	0.1895	0.0000	0.0000	0.0000
2016-09-09 07:15:00	0.1168	24.2473	0.0028	0.1895	0.0000	0.0000	0.0000
2016-09-09 07:30:00	0.9282	24.2473	0.0225	0.1895	0.0002	0.0000	0.0000
2016-09-09 07:45:00	1.3755	24.2473	0.0334	0.1895	0.0003	0.0000	0.0000
2016-09-09 08:00:00	1.1568	24.2473	0.0280	0.1895	0.0002	0.0000	0.0000
2016-09-09 08:15:00	1.6729	24.2473	0.0406	0.1895	0.0003	0.0000	0.0000
2016-09-09 08:30:00	0.3256	24.2473	0.0079	0.1895	0.0001	0.0000	0.0000
2016-09-09 08:45:00	0.1979	24.2473	0.0048	0.1895	0.0000	0.0000	0.0000
2016-09-09 09:00:00	0.3322	24.2473	0.0081	0.1895	0.0001	0.0000	0.0000
2016-09-09 09:15:00	0.1564	24.2473	0.0038	0.1895	0.0000	0.0000	0.0000
2016-09-09 09:30:00	0.2679	24.2473	0.0065	0.1895	0.0001	0.0000	0.0000
2016-09-09 09:45:00	2.0948	24.2473	0.0508	0.1895	0.0004	0.0000	0.0000
2016-09-09 10:00:00	3.4821	24.2473	0.0844 0.0766	0.1850 0.0755	0.0006 0.0002	0.0000 0.0000	0.0000
2016-09-09 10:15:00	3.1586	24.2473					0.0000
2016-09-09 10:30:00	3.1910	24.2473	0.0774 0.0777	0.0755 0.0755	0.0002 0.0002	0.0000 0.0000	0.0000
2016-09-09 10:45:00 2016-09-09 11:00:00	3.2033	24.2473 24.2473	0.0777	0.0755	0.0002	0.0000	0.0000
2016-09-09 11:00:00	3.9757	24.2473		0.0755	0.0003	0.0000	0.0000
	4.7153		0.1143				
2016-09-09 11:30:00 2016-09-09 11:45:00	3.6726 2.2090	24.2473 24.2473	0.0891 0.0536	0.0755 0.0755	0.0003 0.0002	0.0000 0.0000	0.0000
2016-09-09 11:45:00 2016-09-09 12:00:00	2.2090 1.9426	24.2473	0.0536	0.0755	0.0002	0.0000	0.0000
2016-09-09 12:00:00	2.3986	24.2473	0.0471	0.0755	0.0001	0.0000	0.0000
2016-09-09 12:15:00 2016-09-09 12:30:00	2.3986	24.2473	0.0582	0.0755	0.0002	0.0000	0.0000
2016-09-09 12:30:00	1.9063	24.2473	0.0557	0.0755	0.0002	0.0000	0.0000
2016-09-09 12:45:00	1.5758	24.2473	0.0462	0.0755	0.0001	0.0000	0.0000
2016-09-09 13:15:00	1.7495	24.2473	0.0424	0.0755	0.0001	0.0000	0.0000
2016-09-09 13:10:00	0.7802	24.2473	0.0189	0.0755	0.0001	0.0000	0.0000
2016-09-09 13:45:00	1.0426	24.2473	0.0253	0.0755	0.0001	0.0000	0.0000
2016-09-09 14:00:00	0.6263	24.2473	0.0152	0.0755	0.0000	0.0000	0.0000
2016-09-09 14:15:00	0.1676	24.2473	0.0041	0.0755	0.0000	0.0000	0.0000
2016-09-09 14:30:00	0.1392	24.2473	0.0034	0.0755	0.0000	0.0000	0.0000
2016-09-09 14:45:00	0.2088	24.2473	0.0051	0.0755	0.0000	0.0000	0.0000
2016-09-09 15:00:00	0.4634	24.2473	0.0112	0.0755	0.0000	0.0000	0.0000
2016-09-09 15:15:00	0.0837	24.2473	0.0020	0.0755	0.0000	0.0000	0.0000
2016-09-09 15:30:00	0.0393	24.2473	0.0010	0.0755	0.0000	0.0000	0.0000
2016-09-09 15:45:00	0.3339	24.2473	0.0081	0.0755	0.0000	0.0000	0.0000
2016-09-09 16:00:00	0.4293	24.2473	0.0104	0.0755	0.0000	0.0000	0.0000
2016-09-09 16:15:00	0.0959	24.2473	0.0023	0.0755	0.0000	0.0000	0.0000
2016-09-09 16:30:00	0.0220	24.2473	0.0005	0.0755	0.0000	0.0000	0.0000
2016-09-09 16:45:00	0.0552	24.2473	0.0013	0.0755	0.0000	0.0000	0.0000
2016-09-09 17:00:00	0.0000	24.2473	0.0000	0.0755	0.0000	0.0000	0.0000
2016-09-09 17:15:00	0.0000	24.2473	0.0000	0.0755	0.0000	0.0000	0.0000
2016-09-09 17:30:00	0.0000	24.2473	0.0000	0.0755	0.0000	0.0000	0.0000
2016-09-09 17:45:00	0.0971	24.2473	0.0024	0.1493	0.0000	0.0000	0.0000
2016-09-09 18:00:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-09 18:15:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-09 18:30:00	0.0182	24.2473	0.0004	0.1888	0.0000	0.0000	0.0000
2016-09-09 18:45:00	0.1639	24.2473	0.0040	0.1888	0.0000	0.0000	0.0000
2016-09-09 19:00:00	0.1714	24.2473	0.0042	0.1888	0.0000	0.0000	0.0000
2016-09-09 19:15:00	0.6941	24.2473	0.0168	0.1888	0.0001	0.0000	0.0000
2016-09-09 19:30:00	1.1291	24.2473	0.0274	0.1888	0.0002	0.0000	0.0000
2016-09-09 19:45:00	0.1141	24.2473	0.0028	0.1888	0.0000	0.0000	0.0000
2016-09-09 20:00:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-09 20:15:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-09 20:30:00	0.2458	24.2473	0.0060	0.1888	0.0000	0.0000	0.0000
2016-09-09 20:45:00	0.1444	24.2473	0.0035	0.1888	0.0000	0.0000	0.0000
2016-09-09 21:00:00	0.2177	24.2473	0.0053	0.1888	0.0000	0.0000	0.0000
2016-09-09 21:15:00	0.0586	24.2473	0.0014	0.1888	0.0000	0.0000	0.0000
2016-09-09 21:30:00	0.0423	24.2473	0.0010	0.1888	0.0000	0.0000	0.0000
2016-09-09 21:45:00	1.2638	24.2473	0.0306	0.2794	0.0004	0.0000	0.0000
2016-09-09 22:00:00	0.9632	24.2473	0.0234	0.3028	0.0003	0.0000	0.0000
2016-09-09 22:15:00	1.5794	24.2473	0.0383	0.3028	0.0005	0.0000	0.0000
2016-09-09 22:30:00	1.5629	24.2473	0.0379	0.3028	0.0005	0.0000	0.0000
2016-09-09 22:45:00	0.9732	24.2473	0.0236	0.3028	0.0003	0.0000	0.0000
2016-09-09 23:00:00	0.9947	24.2473	0.0241	0.3028	0.0003	0.0000	0.0000
2016-09-09 23:15:00	1.2882	24.2473	0.0312	0.3028	0.0004	0.0000	0.0000
2016-09-09 23:30:00	3.4357	24.2473	0.0833	0.3028	0.0010	0.0000	0.0000
2016-09-09 23:45:00	3.6857	24.2473	0.0894	0.3028	0.0011	0.0000	0.0000
2016-09-10 00:00:00	2.7293	24.2473	0.0662	0.2490	0.0007	0.0000	0.0000
2016-09-10 00:15:00	0.4084	24.2473	0.0099	0.1888	0.0001	0.0000	0.0000
2016-09-10 00:30:00	0.3317	24.2473	0.0080	0.1888	0.0001	0.0000	0.0000
				•			•
2016-09-10 00:45:00	0.1312	24.2473	0.0032	0.1888	0.0000	0.0000	0.0000
	0.1312 0.0403	24.2473 24.2473	0.0032 0.0010	0.1888 0.1888	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-10 01:30:00	0.2002	24.2473	0.0049	0.1888	0.0000	0.0000	0.0000
2016-09-10 01:45:00	0.3494	24.2473	0.0085	0.1888	0.0001	0.0000	0.0000
2016-09-10 02:00:00	0.6133	24.2473	0.0149	0.1888	0.0001	0.0000	0.0000
2016-09-10 02:15:00	0.2825	24.2473	0.0069	0.1888	0.0001	0.0000	0.0000
2016-09-10 02:30:00	0.2606	24.2473	0.0063	0.1888	0.0000	0.0000	0.0000
2016-09-10 02:45:00	0.0968	24.2473	0.0023	0.1888	0.0000	0.0000	0.0000
2016-09-10 03:00:00	0.0181	24.2473	0.0004	0.1888	0.0000	0.0000	0.0000
2016-09-10 03:15:00	0.0362	24.2473	0.0009	0.1888	0.0000	0.0000	0.0000
2016-09-10 03:30:00	0.1442	24.2473	0.0035	0.1888	0.0000	0.0000	0.0000
2016-09-10 03:45:00	0.0597	24.2473	0.0014	0.1888	0.0000	0.0000	0.0000
2016-09-10 04:00:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 04:15:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 04:30:00	0.0193	24.2473	0.0005	0.1888	0.0000	0.0000	0.0000
2016-09-10 04:45:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 05:00:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 05:15:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 05:30:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 05:45:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 06:00:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 06:15:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 06:30:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 06:45:00 2016-09-10 07:00:00	0.0000	24.2473	0.0000	0.1888 0.1888	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-10 07:00:00 2016-09-10 07:15:00	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 07:15:00 2016-09-10 07:30:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 07:30:00 2016-09-10 07:45:00	0.0000	24.24/3	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 07:45:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 08:00:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 08:30:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 08:45:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 09:00:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 09:15:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 09:30:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 09:45:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 10:00:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 10:15:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 10:30:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 10:45:00	0.0000	24.2473	0.0000	0.1888	0.0000	0.0000	0.0000
2016-09-10 11:00:00	0.0446	24.2473	0.0011	0.1888	0.0000	0.0000	0.0000
2016-09-10 11:15:00	0.1554	24.2473	0.0038	0.1888	0.0000	0.0000	0.0000
2016-09-10 11:30:00	0.2424	24.2473	0.0059	0.1888	0.0000	0.0000	0.0000
2016-09-10 11:45:00	0.6019	24.2473	0.0146	0.1888	0.0001	0.0000	0.0000
2016-09-10 12:00:00	0.3639	24.2473	0.0088	0.1888	0.0001	0.0000	0.0000
2016-09-10 12:15:00	1.2139	24.2473	0.0294	0.1888	0.0002	0.0000	0.0000
2016-09-10 12:30:00	1.4840	24.2473	0.0360	0.1888	0.0003	0.0000	0.0000
2016-09-10 12:45:00	1.6377	24.2473	0.0397	0.1063	0.0002	0.0000	0.0000
2016-09-10 13:00:00	1.1541	24.2473	0.0280	0.0742	0.0001	0.0000	0.0000
2016-09-10 13:15:00	0.6832	24.2473	0.0166	0.0742	0.0001	0.0000	0.0000
2016-09-10 13:30:00	0.1702	24.2473	0.0041	0.0742	0.0000	0.0000	0.0000
2016-09-10 13:45:00	1.1010	24.2473	0.0267	0.0742	0.0001	0.0000	0.0000
2016-09-10 14:00:00	1.6491	24.2473	0.0400	0.0742	0.0001	0.0000	0.0000
2016-09-10 14:15:00	1.4874	24.2473	0.0361	0.0742	0.0001	0.0000	0.0000
2016-09-10 14:30:00	1.1743	24.2473	0.0285	0.0742	0.0001	0.0000	0.0000
2016-09-10 14:45:00	0.8840	24.2473	0.0214	0.1726	0.0002	0.0000	0.0000
2016-09-10 15:00:00	0.2664	24.2473	0.0065	0.1868	0.0000	0.0000	0.0000
2016-09-10 15:15:00	1.0315	24.2473	0.0250	0.1868	0.0002	0.0000	0.0000
2016-09-10 15:30:00	1.3421	24.2473	0.0325	0.1868	0.0003	0.0000	0.0000
2016-09-10 15:45:00	1.2157	24.2473	0.0295	0.3557	0.0004	0.0000	0.0000
2016-09-10 16:00:00	0.8987	24.2473	0.0218	0.1586	0.0001	0.0000	0.0000
2016-09-10 16:15:00	0.7232	24.2473	0.0175	0.1586	0.0001	0.0000	0.0000
2016-09-10 16:30:00	1.0088	24.2473	0.0245	0.1586	0.0002	0.0000	0.0000
2016-09-10 16:45:00	1.2388	24.2473	0.0300	0.1586	0.0002	0.0000	0.0000
2016-09-10 17:00:00	2.3214	24.2473	0.0563	0.1586	0.0004	0.0000	0.0000
2016-09-10 17:15:00	4.2262	24.2473	0.1025	0.1586	0.0007	0.0000	0.0000
2016-09-10 17:30:00	4.3985	24.2473	0.1067	0.1586	0.0007	0.0000	0.0000
2016-09-10 17:45:00	3.6247	24.2473	0.0879	0.2715	0.0010	0.0000	0.0000
2016-09-10 18:00:00	1.3228	24.2473	0.0321	0.2246	0.0003	0.0000	0.0000
2016-09-10 18:15:00	4.0629	24.2473	0.0985	0.0761	0.0003	0.0000	0.0000
2016-09-10 18:30:00	3.8450	24.2473	0.0932	0.0969	0.0004	0.0000	0.0000
2016-09-10 18:45:00	3.8010	24.2473	0.0922	0.1397	0.0005	0.0000	0.0000
2016-09-10 19:00:00	1.9313	24.2473	0.0468	0.1490	0.0003	0.0000	0.0000
1	2.6659	24.2473	0.0646	0.1490	0.0004	0.0000	0.0000
2016-09-10 19:15:00	2.0033						
2016-09-10 19:15:00 2016-09-10 19:30:00	2.9880	24.2473	0.0725	0.1486	0.0004	0.0000	0.0000
			0.0725 0.0694	0.1486 0.1209	0.0004 0.0003	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-10 20:15:00	2.4454	24.2473	0.0593	0.2039	0.0005	0.0000	0.0000
2016-09-10 20:30:00	3.6840	24.2473	0.0893	0.0910	0.0003	0.0000	0.0000
2016-09-10 20:45:00	3.4855	24.2473	0.0845	0.1423	0.0005	0.0000	0.0000
2016-09-10 21:00:00	2.6798	24.2473	0.0650	0.1852	0.0005	0.0000	0.0000
2016-09-10 21:15:00	3.5960	24.2473	0.0872	0.1318	0.0005	0.0000	0.0000
2016-09-10 21:30:00	3.0970	24.2473	0.0751	0.1204	0.0004	0.0000	0.0000
2016-09-10 21:45:00	3.8435	24.2473	0.0932	0.1137	0.0004	0.0000	0.0000
2016-09-10 22:00:00	3.5742	24.2473	0.0867	0.1360	0.0005	0.0000	0.0000
2016-09-10 22:15:00	3.1165	24.2473	0.0756	0.1483	0.0005	0.0000	0.0000
2016-09-10 22:30:00	2.5163	24.2473	0.0610	0.1483	0.0004	0.0000	0.0000
2016-09-10 22:45:00	0.2265	24.2473	0.0055	0.2029	0.0000	0.0000	0.0000
2016-09-10 23:00:00	0.0000	24.2473	0.0000	0.2609	0.0000	0.0000	0.0000
2016-09-10 23:15:00	0.0000	24.2473	0.0000	0.2609	0.0000	0.0000	0.0000
2016-09-10 23:30:00	0.0886	24.2473	0.0021 0.0291	0.2609	0.0000 0.0003	0.0000 0.0000	0.0000
2016-09-10 23:45:00	1.1983	24.2473		0.2211 0.1476			0.0000
2016-09-11 00:00:00	0.8178	24.2473	0.0198		0.0001 0.0002	0.0000 0.0000	0.0000
2016-09-11 00:15:00	1.7969	24.2473	0.0436	0.1305			0.0000
2016-09-11 00:30:00 2016-09-11 00:45:00	0.6226	24.2473 24.2473	0.0151 0.0491	0.1898 0.2047	0.0001 0.0004	0.0000 0.0000	0.0000
	2.0230			0.2047			
2016-09-11 01:00:00 2016-09-11 01:15:00	1.8648 1.5784	24.2473 24.2473	0.0452 0.0383	0.1087	0.0002 0.0002	0.0000 0.0000	0.0000
2016-09-11 01:15:00 2016-09-11 01:30:00	1.5784	24.2473	0.0383	0.1255	0.0002	0.0000	0.0000
2016-09-11 01:30:00	0.8442	24.2473	0.0262	0.1559	0.0002	0.0000	0.0000
2016-09-11 01:45:00	1.3063	24.2473	0.0205	0.1559	0.0001	0.0000	0.0000
2016-09-11 02:00:00	1.6402	24.2473	0.0317	0.1339	0.0002	0.0000	0.0000
2016-09-11 02:15:00	1.7981	24.2473	0.0398	0.1231	0.0002	0.0000	0.0000
2016-09-11 02:30:00	3.1102	24.2473	0.0436	0.1134	0.0002	0.0000	0.0000
2016-09-11 03:00:00	3.3922	24.2473	0.0823	0.1059	0.0004	0.0000	0.0000
2016-09-11 03:15:00	2.1417	24.2473	0.0519	0.1728	0.0004	0.0000	0.0000
2016-09-11 03:30:00	2.3912	24.2473	0.0580	0.2142	0.0005	0.0000	0.0000
2016-09-11 03:45:00	2.8083	24.2473	0.0681	0.1156	0.0003	0.0000	0.0000
2016-09-11 04:00:00	2.5722	24.2473	0.0624	0.1596	0.0004	0.0000	0.0000
2016-09-11 04:15:00	1.3531	24.2473	0.0328	0.1851	0.0003	0.0000	0.0000
2016-09-11 04:30:00	2.2790	24.2473	0.0553	0.1252	0.0003	0.0000	0.0000
2016-09-11 04:45:00	1.2700	24.2473	0.0308	0.1717	0.0002	0.0000	0.0000
2016-09-11 05:00:00	1.6218	24.2473	0.0393	0.1563	0.0003	0.0000	0.0000
2016-09-11 05:15:00	0.7584	24.2473	0.0184	0.1648	0.0001	0.0000	0.0000
2016-09-11 05:30:00	0.1348	24.2473	0.0033	0.1648	0.0000	0.0000	0.0000
2016-09-11 05:45:00	0.0815	24.2473	0.0020	0.1648	0.0000	0.0000	0.0000
2016-09-11 06:00:00	0.0385	24.2473	0.0009	0.1648	0.0000	0.0000	0.0000
2016-09-11 06:15:00	0.0000	24.2473	0.0000	0.1648	0.0000	0.0000	0.0000
2016-09-11 06:30:00	0.0000	24.2473	0.0000	0.4718	0.0000	0.0000	0.0000
2016-09-11 06:45:00	0.1349	24.2473	0.0033	0.1765	0.0000	0.0000	0.0000
2016-09-11 07:00:00	1.7415	24.2473	0.0422	0.1765	0.0003	0.0000	0.0000
2016-09-11 07:15:00	0.4897	24.2473	0.0119	0.1765	0.0001	0.0000	0.0000
2016-09-11 07:30:00	0.0190	24.2473	0.0005	0.1765	0.0000	0.0000	0.0000
2016-09-11 07:45:00	0.3749	24.2473	0.0091	0.1765	0.0001	0.0000	0.0000
2016-09-11 08:00:00	0.8428	24.2473	0.0204	0.1765	0.0001	0.0000	0.0000
2016-09-11 08:15:00	0.1712	24.2473	0.0042	0.1765	0.0000	0.0000	0.0000
2016-09-11 08:30:00	0.0000	24.2473	0.0000	0.1765	0.0000	0.0000	0.0000
2016-09-11 08:45:00	0.0000	24.2473	0.0000	0.1765	0.0000	0.0000	0.0000
2016-09-11 09:00:00	0.0000	24.2473	0.0000	0.1765	0.0000	0.0000	0.0000
2016-09-11 09:15:00	0.0000	24.2473	0.0000	0.1765	0.0000	0.0000	0.0000
2016-09-11 09:30:00	0.0000	24.2473	0.0000	0.1765	0.0000	0.0000	0.0000
2016-09-11 09:45:00	0.0000	24.2473	0.0000	0.1765	0.0000	0.0000	0.0000
2016-09-11 10:00:00	0.0000	24.2473	0.0000	0.1765	0.0000	0.0000	0.0000
2016-09-11 10:15:00	0.0190	24.2473	0.0005	0.1765	0.0000	0.0000	0.0000
2016-09-11 10:30:00	0.0966	24.2473	0.0023	0.1765	0.0000	0.0000	0.0000
2016-09-11 10:45:00	0.4674	24.2473	0.0113	0.1765	0.0001	0.0000	0.0000
2016-09-11 11:00:00	0.5342	24.2473	0.0130	0.1765	0.0001	0.0000	0.0000
2016-09-11 11:15:00	0.3096	24.2473	0.0075	0.1765	0.0001	0.0000	0.0000
2016-09-11 11:30:00	0.4914	24.2473	0.0119	0.1765	0.0001	0.0000	0.0000
2016-09-11 11:45:00	0.7265	24.2473	0.0176	0.1765	0.0001	0.0000	0.0000
2016-09-11 12:00:00	0.6648	24.2473	0.0161	0.1765	0.0001	0.0000	0.0000
2016-09-11 12:15:00	0.3251	24.2473	0.0079	0.1765	0.0001	0.0000	0.0000
2016-09-11 12:30:00	0.1406	24.2473	0.0034	0.1765	0.0000	0.0000	0.0000
2016-09-11 12:45:00	1.0901	24.2473	0.0264	0.1409	0.0002	0.0000	0.0000
2016-09-11 13:00:00	1.6712	24.2473	0.0405	0.0639	0.0001	0.0000	0.0000
2016-09-11 13:15:00	0.8900	24.2473	0.0216	0.1125	0.0001	0.0000	0.0000
2016-09-11 13:30:00	0.9514	24.2473	0.0231	0.1778	0.0002	0.0000	0.0000
2016-09-11 13:45:00	1.5614	24.2473	0.0379	0.1778	0.0003	0.0000	0.0000
2016-09-11 14:00:00	2.4000	24.2473	0.0582	0.0827	0.0002	0.0000	0.0000
2016-09-11 14:15:00	2.8340	24.2473	0.0687	0.1602	0.0005	0.0000	0.0000
2010-09-11 14.13.00							
2016-09-11 14:30:00	3.5345 3.8225	24.2473 24.2473	0.0857 0.0927	0.0926 0.0427	0.0003	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-11 15:00:00	3.4374	24.2473	0.0833	0.0412	0.0001	0.0000	0.0000
2016-09-11 15:15:00	3.6732	24.2473	0.0891	0.0422	0.0002	0.0000	0.0000
2016-09-11 15:30:00	1.2159	24.2473	0.0295	0.0799	0.0001	0.0000	0.0000
2016-09-11 15:45:00	1.3040	24.2473	0.0316	0.0400	0.0001	0.0000	0.0000
2016-09-11 16:00:00	2.5114	24.2473	0.0609	0.0034	0.0000	0.0000	0.0000
2016-09-11 16:15:00	1.9186	24.2473	0.0465	0.0000	0.0000	0.0000	0.0000
2016-09-11 16:30:00	0.4769	24.2473	0.0116	0.0000	0.0000	0.0000	0.0000
2016-09-11 16:45:00	0.5528	24.2473	0.0134	0.0325	0.0000	0.0000	0.0000
2016-09-11 17:00:00	0.4892	24.2473	0.0119	0.0100	0.0000	0.0000	0.0000
2016-09-11 17:15:00	2.3472	24.2473	0.0569	0.0000	0.0000	0.0000	0.0000
2016-09-11 17:30:00	3.5560	24.2473	0.0862	0.0000	0.0000	0.0000	0.0000
2016-09-11 17:45:00	2.6332	24.2473	0.0638	0.0393	0.0001	0.0000	0.0000
2016-09-11 18:00:00	0.6031	24.2473	0.0146	0.1184	0.0001	0.0000	0.0000
2016-09-11 18:15:00	1.8084	24.2473	0.0438	0.1277	0.0002 0.0003	0.0000 0.0000	0.0000
2016-09-11 18:30:00	1.9665	24.2473	0.0477	0.1277			0.0000
2016-09-11 18:45:00	2.4899	24.2473	0.0604	0.1277	0.0003	0.0000	0.0000
2016-09-11 19:00:00	2.1967	24.2473	0.0533	0.1693	0.0004	0.0000	0.0000
2016-09-11 19:15:00 2016-09-11 19:30:00	3.1017	24.2473 24.2473	0.0752 0.0224	0.2417 0.2417	0.0007 0.0002	0.0000 0.0000	0.0000
	0.9256						
2016-09-11 19:45:00 2016-09-11 20:00:00	2.2178 2.8582	24.2473 24.2473	0.0538 0.0693	0.1926 0.1918	0.0004 0.0005	0.0000 0.0000	0.0000
2016-09-11 20:00:00 2016-09-11 20:15:00	2.8582 2.9951	24.2473	0.0693	0.1918 0.1572	0.0005	0.0000	0.0000
2016-09-11 20:15:00 2016-09-11 20:30:00	2.9951 3.4628	24.2473	0.0726	0.1572	0.0005	0.0000	0.0000
2016-09-11 20:30:00	3.4628 4.3898	24.2473	0.0840	0.1552	0.0005	0.0000	0.0000
2016-09-11 20:45:00	4.3696 3.0771	24.2473	0.1064	0.1480	0.0006	0.0000	0.0000
2016-09-11 21:00:00	2.7296	24.2473	0.0746	0.1626	0.0003	0.0000	0.0000
2016-09-11 21:30:00	4.1584	24.2473	0.1008	0.1587	0.0007	0.0000	0.0000
2016-09-11 21:45:00	2.9277	24.2473	0.0710	0.2142	0.0006	0.0000	0.0000
2016-09-11 22:00:00	2.5820	24.2473	0.0626	0.1799	0.0005	0.0000	0.0000
2016-09-11 22:15:00	2.0319	24.2473	0.0493	0.1733	0.0004	0.0000	0.0000
2016-09-11 22:30:00	3.4558	24.2473	0.0838	0.1471	0.0005	0.0000	0.0000
2016-09-11 22:45:00	2.4485	24.2473	0.0594	0.2158	0.0005	0.0000	0.0000
2016-09-11 23:00:00	2.1580	24.2473	0.0523	0.2194	0.0005	0.0000	0.0000
2016-09-11 23:15:00	2.3842	24.2473	0.0578	0.1804	0.0004	0.0000	0.0000
2016-09-11 23:30:00	1.6486	24.2473	0.0400	0.2131	0.0004	0.0000	0.0000
2016-09-11 23:45:00	4.0014	24.2473	0.0970	0.1740	0.0007	0.0000	0.0000
2016-09-12 00:00:00	3.1151	24.2473	0.0755	0.1358	0.0004	0.0000	0.0000
2016-09-12 00:15:00	3.5794	24.2473	0.0868	0.1594	0.0006	0.0000	0.0000
2016-09-12 00:30:00	2.6371	24.2473	0.0639	0.2163	0.0006	0.0000	0.0000
2016-09-12 00:45:00	2.7113	24.2473	0.0657	0.2113	0.0006	0.0000	0.0000
2016-09-12 01:00:00	2.3938	24.2473	0.0580	0.1903	0.0005	0.0000	0.0000
2016-09-12 01:15:00	2.4609	24.2473	0.0597	0.1753	0.0004	0.0000	0.0000
2016-09-12 01:30:00	1.2118	24.2473	0.0294	0.2163	0.0003	0.0000	0.0000
2016-09-12 01:45:00	1.3798	24.2473	0.0335	0.2163	0.0003	0.0000	0.0000
2016-09-12 02:00:00	2.2854	24.2473	0.0554	0.2042	0.0005	0.0000	0.0000
2016-09-12 02:15:00	1.9966	24.2473	0.0484	0.2093	0.0004	0.0000	0.0000
2016-09-12 02:30:00	0.8450	24.2473	0.0205	0.2149	0.0002	0.0000	0.0000
2016-09-12 02:45:00	1.2069	24.2473	0.0293	0.2149	0.0003	0.0000	0.0000
2016-09-12 03:00:00	0.8209	24.2473	0.0199	0.2149	0.0002	0.0000	0.0000
2016-09-12 03:15:00	0.5543	24.2473	0.0134	0.2149	0.0001	0.0000	0.0000
2016-09-12 03:30:00	0.6149	24.2473	0.0149	0.2149	0.0001	0.0000	0.0000
2016-09-12 03:45:00	0.2167	24.2473	0.0053	0.1841	0.0000	0.0000	0.0000
2016-09-12 04:00:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 04:15:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 04:30:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 04:45:00	0.0374	24.2473	0.0009	0.1023	0.0000	0.0000	0.0000
2016-09-12 05:00:00	0.0368	24.2473	0.0009	0.1023	0.0000	0.0000	0.0000
2016-09-12 05:15:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 05:30:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 05:45:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 06:00:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 06:15:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 06:30:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 06:45:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 07:00:00	0.0181	24.2473	0.0004	0.1023	0.0000	0.0000	0.0000
2016-09-12 07:15:00	0.0379	24.2473	0.0009	0.1023	0.0000	0.0000	0.0000
2016-09-12 07:30:00	0.0000	24.2473	0.0000	0.1023	0.0000	0.0000	0.0000
2016-09-12 07:45:00	0.0000	24.2473	0.0000	0.1856	0.0000	0.0000	0.0000
2016-09-12 08:00:00	0.0000	24.2473	0.0000	0.1280	0.0000	0.0000	0.0000
2016-09-12 08:15:00	0.0000	24.2473	0.0000	0.1009	0.0000	0.0000	0.0000
	0.0000	24.2473	0.0000	0.1009	0.0000	0.0000	0.0000
2016-09-12 08:30:00	0.0000						
2016-09-12 08:45:00	0.0000	24.2473	0.0000	0.1283	0.0000	0.0000	0.0000
2016-09-12 08:45:00 2016-09-12 09:00:00	0.0000 0.0000	24.2473 24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-09-12 08:45:00	0.0000	24.2473					

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-12 09:45:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-09-12 10:00:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-09-12 10:15:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-09-12 10:30:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-09-12 10:45:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-09-12 11:00:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-09-12 11:15:00	0.0201	24.2473	0.0005	0.2149	0.0000	0.0000	0.0000
2016-09-12 11:30:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-09-12 11:45:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-09-12 12:00:00	0.0412	24.2473	0.0010	0.2149	0.0000	0.0000	0.0000
2016-09-12 12:15:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-09-12 12:30:00	0.0186	24.2473	0.0005	0.2149	0.0000	0.0000	0.0000
2016-09-12 12:45:00	0.0187	24.2473	0.0005	0.2149	0.0000	0.0000	0.0000
2016-09-12 13:00:00	0.4401	24.2473	0.0107	0.2149	0.0001	0.0000	0.0000
2016-09-12 13:15:00	0.3423	24.2473	0.0083	0.2149	0.0001	0.0000	0.0000
2016-09-12 13:30:00	0.2859	24.2473	0.0069	0.2149	0.0001	0.0000	0.0000
2016-09-12 13:45:00	1.7079	24.2473	0.0414	0.2149	0.0004	0.0000	0.0000
2016-09-12 14:00:00	2.0364	24.2473	0.0494	0.2149	0.0004	0.0000	0.0000
2016-09-12 14:15:00	2.9978	24.2473	0.0727	0.2149	0.0006	0.0000	0.0000
2016-09-12 14:30:00	2.8575	24.2473	0.0693	0.1117	0.0003	0.0000	0.0000
2016-09-12 14:45:00	2.7689	24.2473	0.0671	0.1009	0.0003	0.0000	0.0000
2016-09-12 15:00:00	2.9338	24.2473	0.0711	0.1009	0.0003	0.0000	0.0000
2016-09-12 15:15:00 2016-09-12 15:30:00	2.4835 2.1742	24.2473 24.2473	0.0602 0.0527	0.1009 0.1009	0.0003 0.0002	0.0000 0.0000	0.0000
2016-09-12 15:30:00 2016-09-12 15:45:00	2.1742 1.8754	24.2473 24.2473	0.0527	0.1009	0.0002	0.0000	0.0000
2016-09-12 15:45:00 2016-09-12 16:00:00	1.8754 2.3405	24.2473 24.2473	0.0455	0.1009	0.0002	0.0000	0.0000
2016-09-12 16:00:00 2016-09-12 16:15:00	2.3405 1.4299	24.2473 24.2473	0.0568	0.1009	0.0002	0.0000	0.0000
2016-09-12 16:30:00	1.2924	24.2473	0.0347	0.1009	0.0001	0.0000	0.0000
2016-09-12 16:30:00	1.3989	24.2473	0.0313	0.1009	0.0001	0.0000	0.0000
2016-09-12 17:00:00	2.1912	24.2473	0.0531	0.1009	0.0001	0.0000	0.0000
2016-09-12 17:15:00	2.0303	24.2473	0.0492	0.1009	0.0002	0.0000	0.0000
2016-09-12 17:13:00	2.8200	24.2473	0.0684	0.1009	0.0002	0.0000	0.0000
2016-09-12 17:45:00	3.2864	24.2473	0.0797	0.1003	0.0003	0.0000	0.0000
2016-09-12 18:00:00	2.2261	24.2473	0.0540	0.2106	0.0005	0.0000	0.0000
2016-09-12 18:15:00	1.9151	24.2473	0.0464	0.1977	0.0003	0.0000	0.0000
2016-09-12 18:30:00	2.3467	24.2473	0.0569	0.1911	0.0004	0.0000	0.0000
2016-09-12 18:45:00	0.5514	24.2473	0.0134	0.1957	0.0001	0.0000	0.0000
2016-09-12 19:00:00	2.1629	24.2473	0.0524	0.1926	0.0004	0.0000	0.0000
2016-09-12 19:15:00	5.1391	24.2473	0.1246	0.1380	0.0007	0.0000	0.0000
2016-09-12 19:30:00	3.3030	24.2473	0.0801	0.2130	0.0007	0.0000	0.0000
2016-09-12 19:45:00	3.7343	24.2473	0.0905	0.2128	0.0008	0.0000	0.0000
2016-09-12 20:00:00	3.3127	24.2473	0.0803	0.1950	0.0006	0.0000	0.0000
2016-09-12 20:15:00	3.3863	24.2473	0.0821	0.1626	0.0006	0.0000	0.0000
2016-09-12 20:30:00	3.9660	24.2473	0.0962	0.0730	0.0003	0.0000	0.0000
2016-09-12 20:45:00	4.3115	24.2473	0.1045	0.0950	0.0004	0.0000	0.0000
2016-09-12 21:00:00	2.8599	24.2473	0.0693	0.1709	0.0005	0.0000	0.0000
2016-09-12 21:15:00	2.6858	24.2473	0.0651	0.1609	0.0004	0.0000	0.0000
2016-09-12 21:30:00	2.9878	24.2473	0.0724	0.1866	0.0006	0.0000	0.0000
2016-09-12 21:45:00	2.6507	24.2473	0.0643	0.1796	0.0005	0.0000	0.0000
2016-09-12 22:00:00	3.6104	24.2473	0.0875	0.1091	0.0004	0.0000	0.0000
2016-09-12 22:15:00	4.2654	24.2473	0.1034	0.0464	0.0002	0.0000	0.0000
2016-09-12 22:30:00	4.3775	24.2473	0.1061	0.1007	0.0004	0.0000	0.0000
2016-09-12 22:45:00	2.2735	24.2473	0.0551	0.1975	0.0004	0.0000	0.0000
2016-09-12 23:00:00	3.4055	24.2473	0.0826	0.2039	0.0007	0.0000	0.0000
2016-09-12 23:15:00	3.2021	24.2473	0.0776	0.1784	0.0006	0.0000	0.0000
2016-09-12 23:30:00	2.9372	24.2473	0.0712	0.1608	0.0005	0.0000	0.0000
2016-09-12 23:45:00	2.6349	24.2473	0.0639	0.1331	0.0004	0.0000	0.0000
2016-09-13 00:00:00	3.8282	24.2473	0.0928	0.1224	0.0005	0.0000	0.0000
2016-09-13 00:15:00	3.8543	24.2473	0.0935	0.0825	0.0003	0.0000	0.0000
2016-09-13 00:30:00	3.5048	24.2473	0.0850	0.0649	0.0002	0.0000	0.0000
2016-09-13 00:45:00	2.4234	24.2473	0.0588	0.1356	0.0003	0.0000	0.0000
2016-09-13 01:00:00	3.5099	24.2473	0.0851	0.1488	0.0005	0.0000	0.0000
2016-09-13 01:15:00	3.0792	24.2473	0.0747	0.1451	0.0004	0.0000	0.0000
2016-09-13 01:30:00	4.5303	24.2473	0.1098	0.0827	0.0004	0.0000	0.0000
2016-09-13 01:45:00	3.8689	24.2473	0.0938	0.0707	0.0003	0.0000	0.0000
2016-09-13 02:00:00	5.4154	24.2473	0.1313	0.0707	0.0004	0.0000	0.0000
2016-09-13 02:15:00	5.0298	24.2473	0.1220	0.0821	0.0004	0.0000	0.0000
2016-09-13 02:30:00	5.1645	24.2473	0.1252	0.0803	0.0004	0.0000	0.0000
2016-09-13 02:45:00	5.0683	24.2473	0.1229	0.0667	0.0003	0.0000	0.0000
2016-09-13 03:00:00	4.6902	24.2473	0.1137	0.0642	0.0003	0.0000	0.0000
2016-09-13 03:15:00	2.4158	24.2473	0.0586	0.1071	0.0003	0.0000	0.0000
2016-09-13 03:30:00	1.8384	24.2473	0.0446	0.1263	0.0002	0.0000	0.0000
				0.4252	0.0000	0.0000	0.0000
2016-09-13 03:45:00	2.1541	24.2473	0.0522	0.1263	0.0003	0.0000	0.0000
2016-09-13 03:45:00 2016-09-13 04:00:00	2.1541 1.2795	24.2473 24.2473	0.0522 0.0310	0.1263	0.0003	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-13 04:30:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 04:45:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 05:00:00	0.0400	24.2473	0.0010	0.1263	0.0000	0.0000	0.0000
2016-09-13 05:15:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 05:30:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 05:45:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 06:00:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 06:15:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 06:30:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 06:45:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 07:00:00	1.3178	24.2473	0.0320	0.1263	0.0002	0.0000	0.0000
2016-09-13 07:15:00	3.7286	24.2473	0.0904	0.1263	0.0005	0.0000	0.0000
2016-09-13 07:30:00	1.3029	24.2473	0.0316	0.1263	0.0002	0.0000	0.0000
2016-09-13 07:45:00	0.1444	24.2473	0.0035	0.1263	0.0000	0.0000	0.0000
2016-09-13 08:00:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 08:15:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 08:30:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 08:45:00	0.0000	24.2473	0.0000	0.1263	0.0000	0.0000	0.0000
2016-09-13 09:00:00	0.0000	24.2473	0.0000	0.2126	0.0000	0.0000	0.0000
2016-09-13 09:15:00	0.0000	24.2473	0.0000	0.2410	0.0000	0.0000	0.0000
2016-09-13 09:30:00	0.0000	24.2473	0.0000	0.2410	0.0000	0.0000	0.0000
2016-09-13 09:45:00	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.2410 0.2410	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-13 10:00:00 2016-09-13 10:15:00	0.0000	24.2473 24.2473	0.0000	0.2410	0.0000	0.0000	0.0000
2016-09-13 10:15:00 2016-09-13 10:30:00	0.0000	24.2473 24.2473	0.0000	0.2410	0.0000	0.0000	0.0000
2016-09-13 10:30:00 2016-09-13 10:45:00	0.0000	24.2473	0.0000	0.2410	0.0000	0.0000	0.0000
2016-09-13 10:45:00	0.0000	24.2473	0.0000	0.2410	0.0000	0.0000	0.0000
2016-09-13 11:00:00	0.0000	24.2473	0.0000	0.2410	0.0000	0.0000	0.0000
2016-09-13 11:15:00	0.0000	24.2473	0.0000	0.2410	0.0000	0.0000	0.0000
2016-09-13 11:45:00	0.0743	24.2473	0.0000	0.2410	0.0000	0.0000	0.0000
2016-09-13 11:43:00	0.0556	24.2473	0.0018	0.2410	0.0000	0.0000	0.0000
2016-09-13 12:15:00	0.1325	24.2473	0.0013	0.2410	0.0000	0.0000	0.0000
2016-09-13 12:30:00	0.1323	24.2473	0.0032	0.2410	0.0000	0.0000	0.0000
2016-09-13 12:45:00	0.0155	24.2473	0.0004	0.1284	0.0000	0.0000	0.0000
2016-09-13 13:00:00	0.0182	24.2473	0.0004	0.1661	0.0000	0.0000	0.0000
2016-09-13 13:15:00	0.0785	24.2473	0.0019	0.2431	0.0000	0.0000	0.0000
2016-09-13 13:30:00	0.1201	24.2473	0.0019	0.2431	0.0000	0.0000	0.0000
2016-09-13 13:45:00	0.7288	24.2473	0.0177	0.2431	0.0002	0.0000	0.0000
2016-09-13 14:00:00	1.4465	24.2473	0.0351	0.2431	0.0004	0.0000	0.0000
2016-09-13 14:15:00	2.9296	24.2473	0.0710	0.2431	0.0007	0.0000	0.0000
2016-09-13 14:30:00	1.9233	24.2473	0.0466	0.2431	0.0005	0.0000	0.0000
2016-09-13 14:45:00	1.5528	24.2473	0.0377	0.2431	0.0004	0.0000	0.0000
2016-09-13 15:00:00	0.6795	24.2473	0.0165	0.2431	0.0002	0.0000	0.0000
2016-09-13 15:15:00	0.8841	24.2473	0.0214	0.2431	0.0002	0.0000	0.0000
2016-09-13 15:30:00	2.3620	24.2473	0.0573	0.1164	0.0003	0.0000	0.0000
2016-09-13 15:45:00	3.4183	24.2473	0.0829	0.0613	0.0002	0.0000	0.0000
2016-09-13 16:00:00	2.8973	24.2473	0.0703	0.0360	0.0001	0.0000	0.0000
2016-09-13 16:15:00	1.8233	24.2473	0.0442	0.0485	0.0001	0.0000	0.0000
2016-09-13 16:30:00	2.5490	24.2473	0.0618	0.0076	0.0000	0.0000	0.0000
2016-09-13 16:45:00	0.5461	24.2473	0.0132	0.0240	0.0000	0.0000	0.0000
2016-09-13 17:00:00	0.7611	24.2473	0.0185	0.0487	0.0000	0.0000	0.0000
2016-09-13 17:15:00	0.4329	24.2473	0.0105	0.1331	0.0001	0.0000	0.0000
2016-09-13 17:30:00	0.1793	24.2473	0.0043	0.1017	0.0000	0.0000	0.0000
2016-09-13 17:45:00	0.3353	24.2473	0.0081	0.1195	0.0000	0.0000	0.0000
2016-09-13 18:00:00	1.5029	24.2473	0.0364	0.1089	0.0002	0.0000	0.0000
2016-09-13 18:15:00	3.0972	24.2473	0.0751	0.1731	0.0005	0.0000	0.0000
2016-09-13 18:30:00	3.9891	24.2473	0.0967	0.1522	0.0006	0.0000	0.0000
2016-09-13 18:45:00	2.0380	24.2473	0.0494	0.1984	0.0004	0.0000	0.0000
2016-09-13 19:00:00	2.8186	24.2473	0.0683	0.1835	0.0005	0.0000	0.0000
2016-09-13 19:15:00	4.3617	24.2473	0.1058	0.1820	0.0008	0.0000	0.0000
2016-09-13 19:30:00	4.2586	24.2473	0.1033	0.1912	0.0008	0.0000	0.0000
2016-09-13 19:45:00	3.7945	24.2473	0.0920	0.2204	0.0008	0.0000	0.0000
2016-09-13 20:00:00	1.9289	24.2473	0.0468	0.2204	0.0004	0.0000	0.0000
2016-09-13 20:15:00	2.4397	24.2473	0.0592	0.1987	0.0005	0.0000	0.0000
2016-09-13 20:30:00	4.1368	24.2473	0.1003	0.1153	0.0005	0.0000	0.0000
2016-09-13 20:45:00	3.8565	24.2473	0.0935	0.1743	0.0007	0.0000	0.0000
2016-09-13 21:00:00	0.9911	24.2473	0.0240	0.1971	0.0002	0.0000	0.0000
2016-09-13 21:15:00	1.7833	24.2473	0.0432	0.1971	0.0004	0.0000	0.0000
2016-09-13 21:30:00	3.1720	24.2473	0.0769	0.1890	0.0006	0.0000	0.0000
2016-09-13 21:45:00	3.8594	24.2473	0.0936	0.1623	0.0006	0.0000	0.0000
2016-09-13 22:00:00	2.6214	24.2473	0.0636	0.1918	0.0005	0.0000	0.0000
2045 00 42 22 45 00	1.5013	24.2473	0.0364	0.2719	0.0004	0.0000	0.0000
2016-09-13 22:15:00							
2016-09-13 22:15:00 2016-09-13 22:30:00	0.5146	24.2473	0.0125	0.2719	0.0001	0.0000	0.0000
		24.2473 24.2473	0.0125 0.0197	0.2719 0.2347	0.0001 0.0002	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-13 23:15:00	1.3857	24.2473	0.0336	0.1762	0.0002	0.0000	0.0000
2016-09-13 23:30:00	2.2270	24.2473	0.0540	0.1655	0.0004	0.0000	0.0000
2016-09-13 23:45:00	1.4552	24.2473	0.0353	0.1338	0.0002	0.0000	0.0000
2016-09-14 00:00:00	1.1142	24.2473	0.0270	0.1186	0.0001	0.0000	0.0000
2016-09-14 00:15:00	0.4207	24.2473	0.0102	0.1394	0.0001	0.0000	0.0000
2016-09-14 00:30:00	0.6179	24.2473	0.0150	0.1394	0.0001	0.0000	0.0000
2016-09-14 00:45:00	0.6988	24.2473	0.0169	0.1394	0.0001	0.0000	0.0000
2016-09-14 01:00:00	0.3629	24.2473	0.0088	0.1394	0.0001	0.0000	0.0000
2016-09-14 01:15:00	0.0206	24.2473	0.0005	0.1394	0.0000	0.0000	0.0000
2016-09-14 01:30:00	0.1287	24.2473	0.0031	0.1394	0.0000	0.0000	0.0000
2016-09-14 01:45:00	0.0180	24.2473	0.0004	0.1394	0.0000	0.0000	0.0000
2016-09-14 02:00:00	0.0000	24.2473	0.0000	0.1394	0.0000	0.0000	0.0000
2016-09-14 02:15:00	0.0000	24.2473	0.0000	0.1394	0.0000	0.0000	0.0000
2016-09-14 02:30:00	0.0000	24.2473	0.0000 0.0000	0.1394 0.1394	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-14 02:45:00	0.0000	24.2473	0.0000	0.1394			
2016-09-14 03:00:00	0.0000	24.2473		0.1394	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-14 03:15:00	0.0000	24.2473	0.0000				0.0000
2016-09-14 03:30:00	0.0000	24.2473	0.0000	0.1394	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-14 03:45:00	0.0000	24.2473	0.0000	0.1394			0.0000
2016-09-14 04:00:00 2016-09-14 04:15:00	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.1394 0.1394	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-14 04:15:00 2016-09-14 04:30:00	0.0000	24.2473 24.2473	0.0000	0.1394	0.0000	0.0000	0.0000
2016-09-14 04:30:00 2016-09-14 04:45:00	0.0000	24.2473 24.2473	0.0000	0.1394	0.0000	0.0000	0.0000
2016-09-14 04:45:00	0.0000	24.2473	0.0000	0.1394	0.0000	0.0000	0.0000
2016-09-14 05:00:00	0.0000	24.2473	0.0000	0.1394	0.0000	0.0000	0.0000
2016-09-14 05:15:00	0.0000	24.2473	0.0000	0.1394	0.0000	0.0000	0.0000
2016-09-14 05:30:00	0.0000	24.2473	0.0000	0.1394	0.0000	0.0000	0.0000
2016-09-14 06:00:00	0.0000	24.2473	0.0000	0.1394	0.0000	0.0000	0.0000
2016-09-14 06:15:00	2.8808	24.2473	0.0699	0.1394	0.0004	0.0000	0.0000
2016-09-14 06:30:00	5.5289	24.2473	0.1341	0.1394	0.0008	0.0000	0.0000
2016-09-14 06:45:00	4.9125	24.2473	0.1191	0.1394	0.0007	0.0000	0.0000
2016-09-14 07:00:00	5.1494	24.2473	0.1249	0.1394	0.0007	0.0000	0.0000
2016-09-14 07:15:00	5.3906	24.2473	0.1307	0.1394	0.0008	0.0000	0.0000
2016-09-14 07:30:00	0.5770	24.2473	0.0140	0.1394	0.0001	0.0000	0.0000
2016-09-14 07:45:00	0.5451	24.2473	0.0132	0.1394	0.0001	0.0000	0.0000
2016-09-14 08:00:00	1.4131	24.2473	0.0343	0.1394	0.0002	0.0000	0.0000
2016-09-14 08:15:00	1.7526	24.2473	0.0425	0.1394	0.0002	0.0000	0.0000
2016-09-14 08:30:00	1.9862	24.2473	0.0482	0.1394	0.0003	0.0000	0.0000
2016-09-14 08:45:00	1.9022	24.2473	0.0461	0.1394	0.0003	0.0000	0.0000
2016-09-14 09:00:00	2.9262	24.2473	0.0710	0.1394	0.0004	0.0000	0.0000
2016-09-14 09:15:00	4.5017	24.2473	0.1092	0.1394	0.0006	0.0000	0.0000
2016-09-14 09:30:00	5.7793	24.2473	0.1401	0.1394	0.0008	0.0000	0.0000
2016-09-14 09:45:00	6.3113	24.2473	0.1530	0.1394	0.0009	0.0000	0.0000
2016-09-14 10:00:00	5.9370	24.2473	0.1440	0.1394	0.0008	0.0000	0.0000
2016-09-14 10:15:00	5.7607	24.2473	0.1397	0.1394	0.0008	0.0000	0.0000
2016-09-14 10:30:00	6.3689	24.2473	0.1544	0.1394	0.0009	0.0000	0.0000
2016-09-14 10:45:00	6.5281	24.2473	0.1583	0.1394	0.0009	0.0000	0.0000
2016-09-14 11:00:00	5.8616	24.2473	0.1421	0.1394	0.0008	0.0000	0.0000
2016-09-14 11:15:00	5.6797	24.2473	0.1377	0.1394	0.0008	0.0000	0.0000
2016-09-14 11:30:00	5.3641	24.2473	0.1301	0.1394	0.0007	0.0000	0.0000
2016-09-14 11:45:00	5.2207	24.2473	0.1266	0.1394	0.0007	0.0000	0.0000
2016-09-14 12:00:00	5.2941	24.2473	0.1284	0.1394	0.0007	0.0000	0.0000
2016-09-14 12:15:00	5.6000	24.2473	0.1358	0.1394	0.0008	0.0000	0.0000
2016-09-14 12:30:00	6.0847	24.2473	0.1475	0.1394	0.0008	0.0000	0.0000
2016-09-14 12:45:00	5.7780	24.2473	0.1401	0.1394	0.0008	0.0000	0.0000
2016-09-14 13:00:00	4.7281	24.2473	0.1146	0.1394	0.0007	0.0000	0.0000
2016-09-14 13:15:00	4.2557	24.2473	0.1032	0.1394	0.0006	0.0000	0.0000
2016-09-14 13:30:00	3.5068	24.2473	0.0850	0.1394	0.0005	0.0000	0.0000
2016-09-14 13:45:00	3.8911	24.2473	0.0943	0.1394	0.0005	0.0000	0.0000
2016-09-14 14:00:00	3.6015	24.2473	0.0873	0.1394	0.0005	0.0000	0.0000
2016-09-14 14:15:00	4.5964	24.2473	0.1115	0.1968	0.0009	0.0000	0.0000
2016-09-14 14:30:00	3.6288	24.2473	0.0880	0.1545	0.0006	0.0000	0.0000
2016-09-14 14:45:00	4.1208	24.2473	0.0999	0.1545	0.0006	0.0000	0.0000
2016-09-14 15:00:00	3.8227	24.2473	0.0927	0.1545	0.0006	0.0000	0.0000
2016-09-14 15:15:00	3.9349	24.2473	0.0954	0.1545	0.0006	0.0000	0.0000
2016-09-14 15:30:00	2.7528	24.2473	0.0667	0.1545	0.0004	0.0000	0.0000
2016-09-14 15:45:00	2.7907	24.2473	0.0677	0.1545	0.0004	0.0000	0.0000
2016-09-14 16:00:00	2.1246	24.2473	0.0515	0.1545	0.0003	0.0000	0.0000
2016-09-14 16:15:00	2.2046	24.2473	0.0535	0.1545	0.0003	0.0000	0.0000
		24.2473	0.0384	0.1545	0.0002	0.0000	0.0000
2016-09-14 16:30:00	1.5841	24.2473					
2016-09-14 16:30:00 2016-09-14 16:45:00	1.5841 0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 16:45:00 2016-09-14 17:00:00	0.0000 0.0596	24.2473 24.2473	0.0014	0.1545	0.0000	0.0000	0.0000
2016-09-14 16:45:00 2016-09-14 17:00:00 2016-09-14 17:15:00	0.0000 0.0596 0.0000	24.2473 24.2473 24.2473	0.0014 0.0000	0.1545 0.1545	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-09-14 16:45:00 2016-09-14 17:00:00	0.0000 0.0596	24.2473 24.2473	0.0014	0.1545	0.0000	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-14 18:00:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 18:15:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 18:30:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 18:45:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 19:00:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 19:15:00	0.0395	24.2473	0.0010	0.1545	0.0000	0.0000	0.0000
2016-09-14 19:30:00	0.3245	24.2473	0.0079	0.1545	0.0001	0.0000	0.0000
2016-09-14 19:45:00	0.1817	24.2473	0.0044	0.1545	0.0000	0.0000	0.0000
2016-09-14 20:00:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 20:15:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 20:30:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 20:45:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 21:00:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 21:15:00	0.0000	24.2473	0.0000 0.0000	0.1545	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-09-14 21:30:00	0.0000	24.2473		0.1545			
2016-09-14 21:45:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 22:00:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000
2016-09-14 22:15:00	0.0000	24.2473	0.0000	0.1545	0.0000	0.0000	0.0000 0.0000
2016-09-14 22:30:00 2016-09-14 22:45:00	0.0000	24.2473 24.2473	0.0000	0.1765	0.0000 0.0000	0.0000 0.0000	0.0000
	0.0000		0.0000 0.0000	0.2671	0.0000	0.0000	0.0000
2016-09-14 23:00:00 2016-09-14 23:15:00	0.0000 0.0000	24.2473 24.2473	0.0000	0.2671 0.2671	0.0000	0.0000	0.0000
2016-09-14 23:15:00	0.0000	24.2473	0.0000	0.2671	0.0000	0.0000	0.0000
2016-09-14 23:30:00	0.0000	24.2473	0.0000	0.2671	0.0000	0.0000	0.0000
2016-09-14 23:45:00	0.3188	24.2473	0.0016	0.2671	0.0001	0.0000	0.0000
2016-09-15 00:15:00	0.1283	24.2473	0.0031	0.2671	0.0000	0.0000	0.0000
2016-09-15 00:30:00	0.0572	24.2473	0.0014	0.1562	0.0000	0.0000	0.0000
2016-09-15 00:45:00	0.0192	24.2473	0.0005	0.1538	0.0000	0.0000	0.0000
2016-09-15 01:00:00	0.0605	24.2473	0.0015	0.1538	0.0000	0.0000	0.0000
2016-09-15 01:15:00	0.1390	24.2473	0.0034	0.1538	0.0000	0.0000	0.0000
2016-09-15 01:30:00	0.6297	24.2473	0.0153	0.1538	0.0001	0.0000	0.0000
2016-09-15 01:45:00	0.0662	24.2473	0.0016	0.1538	0.0000	0.0000	0.0000
2016-09-15 02:00:00	0.0000	24.2473	0.0000	0.1538	0.0000	0.0000	0.0000
2016-09-15 02:15:00	0.0000	24.2473	0.0000	0.1538	0.0000	0.0000	0.0000
2016-09-15 02:30:00	0.0000	24.2473	0.0000	0.1538	0.0000	0.0000	0.0000
2016-09-15 02:45:00	0.0000	24.2473	0.0000	0.1538	0.0000	0.0000	0.0000
2016-09-15 03:00:00	0.0000	24.2473	0.0000	0.1538	0.0000	0.0000	0.0000
2016-09-15 03:15:00	0.0000	24.2473	0.0000	0.1538	0.0000	0.0000	0.0000
2016-09-15 03:30:00	0.0000	24.2473	0.0000	0.1538	0.0000	0.0000	0.0000
2016-09-15 03:45:00	0.0000	24.2473	0.0000	0.1538	0.0000	0.0000	0.0000
2016-09-15 04:00:00	0.0000	24.2473	0.0000	0.1538	0.0000	0.0000	0.0000
2016-09-15 04:15:00	0.0000	24.2473	0.0000	0.1538	0.0000	0.0000	0.0000
2016-09-15 04:30:00	0.1441	24.2473	0.0035	0.1538	0.0000	0.0000	0.0000
2016-09-15 04:45:00	2.2848	24.2473	0.0554	0.1538	0.0004	0.0000	0.0000
2016-09-15 05:00:00	1.4662	24.2473	0.0356	0.1538	0.0002	0.0000	0.0000
2016-09-15 05:15:00	5.4875	24.2473	0.1331	0.1538	0.0008	0.0000	0.0000
2016-09-15 05:30:00	2.2201	24.2473	0.0538	0.1538	0.0003	0.0000	0.0000
2016-09-15 05:45:00	1.8787	24.2473	0.0456	0.1538	0.0003	0.0000	0.0000
2016-09-15 06:00:00	3.5946	24.2473	0.0872	0.1538	0.0006	0.0000	0.0000
2016-09-15 06:15:00	4.3039	24.2473	0.1044	0.1538	0.0007	0.0000	0.0000
2016-09-15 06:30:00	3.9889	24.2473	0.0967	0.1538	0.0006	0.0000	0.0000
2016-09-15 06:45:00	5.0843	24.2473	0.1233	0.1538	0.0008	0.0000	0.0000
2016-09-15 07:00:00	6.0590	24.2473	0.1469	0.1538	0.0009	0.0000	0.0000
2016-09-15 07:15:00	6.4575	24.2473	0.1566	0.1538	0.0010	0.0000	0.0000
2016-09-15 07:30:00	6.3378	24.2473	0.1537	0.1538	0.0010	0.0000	0.0000
2016-09-15 07:45:00	6.6728	24.2473	0.1618	0.1538	0.0010	0.0000	0.0000
2016-09-15 08:00:00	6.7379	24.2473	0.1634	0.1538	0.0010	0.0000	0.0000
2016-09-15 08:15:00	7.1341	24.2473	0.1730	0.1538	0.0011	0.0000	0.0000
2016-09-15 08:30:00	8.7778	24.2473	0.2128	0.1538	0.0014	0.0000	0.0000
2016-09-15 08:45:00	9.0274	24.2473	0.2189	0.1538	0.0014	0.0000	0.0000
2016-09-15 09:00:00	8.2183	24.2473	0.1993	0.1538	0.0013	0.0000	0.0000
2016-09-15 09:15:00	9.1766	24.2473	0.2225	0.1538	0.0014	0.0000	0.0000
2016-09-15 09:30:00	9.1327	24.2473	0.2214	0.1538	0.0014	0.0000	0.0000
2016-09-15 09:45:00	8.6794	24.2473	0.2105	0.1538	0.0013	0.0000	0.0000
2016-09-15 10:00:00	8.3256	24.2473	0.2019	0.1538	0.0013	0.0000	0.0000
2016-09-15 10:15:00	7.4949	24.2473	0.1817	0.1538	0.0012	0.0000	0.0000
2016-09-15 10:30:00	7.0985	24.2473	0.1721	0.1538	0.0011	0.0000	0.0000
2016-09-15 10:45:00	7.7028	24.2473	0.1868	0.1538	0.0012	0.0000	0.0000
2016-09-15 11:00:00	7.7160	24.2473	0.1871	0.1538	0.0012	0.0000	0.0000
2016-09-15 11:15:00	7.2754	24.2473	0.1764	0.1538	0.0011	0.0000	0.0000
2016-09-15 11:30:00	7.4192	24.2473	0.1799	0.1538	0.0011	0.0000	0.0000
2016-09-15 11:45:00	8.2808	24.2473	0.2008	0.1538	0.0013	0.0000	0.0000
2016-09-15 12:00:00	7.8600	24.2473	0.1906	0.2697	0.0021	0.0000	0.0000
2016-09-15 12:15:00	6.5993	24.2473	0.1600	0.0000	0.0000	0.0000	0.0000
2016-09-15 12:30:00	7.4912	24.2473	0.1816	0.0000	0.0000	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-15 12:45:00	6.7629	24.2473	0.1640	0.0124	0.0001	0.0000	0.0000
2016-09-15 13:00:00	6.6518	24.2473	0.1613	0.1126	0.0007	0.0000	0.0000
2016-09-15 13:15:00	6.8013	24.2473	0.1649	0.1126	0.0008	0.0000	0.0000
2016-09-15 13:30:00	4.2671	24.2473	0.1035	0.1126	0.0005	0.0000	0.0000
2016-09-15 13:45:00	5.0745	24.2473	0.1230	0.1126	0.0006	0.0000	0.0000
2016-09-15 14:00:00	3.9074	24.2473	0.0947	0.1126	0.0004	0.0000	0.0000
2016-09-15 14:15:00	4.5759	24.2473	0.1110	0.1126	0.0005	0.0000	0.0000
2016-09-15 14:30:00	4.5076	24.2473	0.1093	0.1126	0.0005	0.0000	0.0000
2016-09-15 14:45:00	4.1786	24.2473	0.1013	0.1126	0.0005	0.0000	0.0000
2016-09-15 15:00:00	3.1391	24.2473	0.0761	0.1126	0.0004	0.0000	0.0000
2016-09-15 15:15:00	2.6264	24.2473	0.0637	0.1126	0.0003	0.0000	0.0000
2016-09-15 15:30:00	2.6107	24.2473	0.0633	0.1126	0.0003	0.0000	0.0000
2016-09-15 15:45:00	3.4742	24.2473	0.0842	0.1126	0.0004	0.0000	0.0000
2016-09-15 16:00:00	2.6502	24.2473	0.0643	0.1126	0.0003	0.0000	0.0000
2016-09-15 16:15:00	1.1527	24.2473	0.0279	0.1126	0.0001	0.0000	0.0000
2016-09-15 16:30:00	0.7791	24.2473	0.0189	0.1126	0.0001	0.0000	0.0000
2016-09-15 16:45:00	0.1867	24.2473	0.0045	0.1126	0.0000	0.0000	0.0000
2016-09-15 17:00:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-15 17:15:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-15 17:30:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-15 17:45:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-15 18:00:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-15 18:15:00 2016-09-15 18:30:00	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.1126 0.1126	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-09-15 18:30:00	0.0000	24.2473	0.0000	0.1126 0.1126	0.0000	0.0000	0.0000
2016-09-15 18:45:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-15 19:00:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-15 19:30:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-15 19:45:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-15 20:00:00	0.0000	24.2473	0.0000	0.2301	0.0000	0.0000	0.0000
2016-09-15 20:15:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 20:30:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 20:45:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 21:00:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 21:15:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 21:30:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 21:45:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 22:00:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 22:15:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 22:30:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 22:45:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-15 23:00:00	0.0000	24.2473	0.0000	0.1273	0.0000	0.0000	0.0000
2016-09-15 23:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-15 23:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-15 23:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 00:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 00:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 00:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 00:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 01:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 01:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 01:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 01:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 02:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 02:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 02:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 02:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 03:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 03:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 03:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 03:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 04:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 04:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 04:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 04:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 05:00:00	1.3037	24.2473	0.0316	0.2259	0.0003	0.0000	0.0000
2016-09-16 05:15:00	0.1133	24.2473	0.0027	0.2259	0.0000	0.0000	0.0000
2016-09-16 05:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 05:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 06:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 06:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 06:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 06:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 07:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-16 07:15:00	0.0973	24.2473	0.0024	0.1591	0.0000	0.0000	0.0000
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		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-16 07:30:00	0.5259	24.2473	0.0128	0.1126	0.0001	0.0000	0.0000
2016-09-16 07:45:00	2.2032	24.2473	0.0534	0.1126	0.0002	0.0000	0.0000
2016-09-16 08:00:00	2.4164	24.2473	0.0586	0.1126	0.0003	0.0000	0.0000
2016-09-16 08:15:00	4.3535	24.2473	0.1056	0.1126	0.0005	0.0000	0.0000
2016-09-16 08:30:00	2.7129	24.2473	0.0658	0.1521	0.0004	0.0000	0.0000
2016-09-16 08:45:00	0.4663	24.2473	0.0113	0.2252	0.0001	0.0000	0.0000
2016-09-16 09:00:00	0.2605	24.2473	0.0063	0.2252	0.0001	0.0000	0.0000
2016-09-16 09:15:00	0.1076	24.2473	0.0026	0.2252	0.0000	0.0000	0.0000
2016-09-16 09:30:00	0.4545	24.2473	0.0110	0.2252	0.0001	0.0000	0.0000
2016-09-16 09:45:00	0.3834	24.2473	0.0093	0.2252	0.0001	0.0000	0.0000
2016-09-16 10:00:00	0.3098	24.2473	0.0075	0.2252	0.0001	0.0000	0.0000
2016-09-16 10:15:00	0.2096	24.2473	0.0051	0.2252	0.0000	0.0000	0.0000
2016-09-16 10:30:00	1.1345	24.2473	0.0275	0.2252	0.0003	0.0000	0.0000
2016-09-16 10:45:00	0.4608	24.2473	0.0112	0.2252	0.0001	0.0000	0.0000
2016-09-16 11:00:00	0.4587	24.2473	0.0111	0.2252	0.0001	0.0000	0.0000
2016-09-16 11:15:00	0.7492	24.2473	0.0182	0.2252	0.0002	0.0000	0.0000
2016-09-16 11:30:00	0.1696	24.2473	0.0041	0.2252	0.0000	0.0000	0.0000
2016-09-16 11:45:00	0.1473	24.2473	0.0036	0.2252	0.0000	0.0000	0.0000
2016-09-16 12:00:00 2016-09-16 12:15:00	0.3693	24.2473	0.0090	0.2252 0.2252	0.0001 0.0001	0.0000 0.0000	0.0000 0.0000
	0.6017	24.2473	0.0146 0.0030	0.2252	0.0001	0.0000	0.0000
2016-09-16 12:30:00 2016-09-16 12:45:00	0.1248 0.2173	24.2473 24.2473	0.0030	0.2252	0.0000	0.0000	0.0000
2016-09-16 12:45:00	0.2173	24.2473	0.0053	0.2252	0.0000	0.0000	0.0000
2016-09-16 13:00:00	0.1006	24.2473	0.0024	0.2252	0.0000	0.0000	0.0000
2016-09-16 13:30:00	0.1294	24.2473	0.0003	0.2252	0.0000	0.0000	0.0000
2016-09-16 13:45:00	0.7291	24.2473	0.0031	0.2252	0.0002	0.0000	0.0000
2016-09-16 14:00:00	0.1984	24.2473	0.0048	0.2252	0.0002	0.0000	0.0000
2016-09-16 14:15:00	1.2180	24.2473	0.0295	0.2252	0.0003	0.0000	0.0000
2016-09-16 14:30:00	0.6632	24.2473	0.0161	0.2252	0.0001	0.0000	0.0000
2016-09-16 14:45:00	0.5941	24.2473	0.0144	0.2252	0.0001	0.0000	0.0000
2016-09-16 15:00:00	0.5859	24.2473	0.0142	0.1118	0.0001	0.0000	0.0000
2016-09-16 15:15:00	0.7304	24.2473	0.0177	0.1122	0.0001	0.0000	0.0000
2016-09-16 15:30:00	0.5963	24.2473	0.0145	0.0729	0.0000	0.0000	0.0000
2016-09-16 15:45:00	1.0069	24.2473	0.0244	0.0464	0.0000	0.0000	0.0000
2016-09-16 16:00:00	1.1009	24.2473	0.0267	0.0000	0.0000	0.0000	0.0000
2016-09-16 16:15:00	0.2833	24.2473	0.0069	0.0677	0.0000	0.0000	0.0000
2016-09-16 16:30:00	0.2576	24.2473	0.0062	0.0094	0.0000	0.0000	0.0000
2016-09-16 16:45:00	0.1599	24.2473	0.0039	0.0361	0.0000	0.0000	0.0000
2016-09-16 17:00:00	1.1690	24.2473	0.0283	0.0185	0.0000	0.0000	0.0000
2016-09-16 17:15:00	0.6488	24.2473	0.0157	0.0354	0.0000	0.0000	0.0000
2016-09-16 17:30:00	0.5836	24.2473	0.0142	0.0892	0.0001	0.0000	0.0000
2016-09-16 17:45:00	0.7572	24.2473	0.0184	0.1544	0.0001	0.0000	0.0000
2016-09-16 18:00:00	0.0197	24.2473	0.0005	0.2252	0.0000	0.0000	0.0000
2016-09-16 18:15:00	0.1409	24.2473	0.0034	0.2252	0.0000	0.0000	0.0000
2016-09-16 18:30:00	0.9503	24.2473	0.0230	0.2252	0.0002	0.0000	0.0000
2016-09-16 18:45:00	1.0113	24.2473	0.0245	0.2252	0.0002	0.0000	0.0000
2016-09-16 19:00:00	1.0809	24.2473	0.0262	0.2252	0.0002	0.0000	0.0000
2016-09-16 19:15:00	2.7912	24.2473	0.0677	0.2252	0.0006	0.0000	0.0000
2016-09-16 19:30:00	4.1920	24.2473	0.1016	0.2252	0.0009	0.0000	0.0000
2016-09-16 19:45:00	1.9200	24.2473	0.0466	0.2252	0.0004	0.0000	0.0000
2016-09-16 20:00:00	2.1911	24.2473	0.0531	0.2252	0.0005	0.0000	0.0000
2016-09-16 20:15:00	1.0397	24.2473	0.0252	0.2252	0.0002	0.0000	0.0000
2016-09-16 20:30:00	0.4353	24.2473	0.0106	0.2252	0.0001	0.0000	0.0000
2016-09-16 20:45:00	0.1755	24.2473	0.0043	0.2252	0.0000	0.0000	0.0000
2016-09-16 21:00:00	0.0000	24.2473	0.0000	0.2252	0.0000	0.0000	0.0000
2016-09-16 21:15:00	0.0000	24.2473	0.0000	0.2252	0.0000	0.0000	0.0000
2016-09-16 21:30:00	0.0000	24.2473	0.0000	0.2252	0.0000	0.0000	0.0000
2016-09-16 21:45:00	0.0000	24.2473	0.0000	0.2252	0.0000	0.0000	0.0000
2016-09-16 22:00:00	0.6693	24.2473	0.0162	0.2252	0.0002	0.0000	0.0000
2016-09-16 22:15:00	4.3611	24.2473	0.1057	0.2252	0.0010	0.0000	0.0000
2016-09-16 22:30:00	5.2608	24.2473	0.1276	0.2004	0.0011	0.0000	0.0000
2016-09-16 22:45:00	5.6832	24.2473	0.1378	0.1126	0.0006	0.0000	0.0000
2016-09-16 23:00:00	5.3384	24.2473	0.1294	0.1126	0.0006	0.0000	0.0000
2016-09-16 23:15:00	6.4423	24.2473	0.1562	0.1126	0.0007	0.0000	0.0000
2016-09-16 23:30:00	6.8772	24.2473	0.1668	0.1126	0.0008	0.0000	0.0000
2016-09-16 23:45:00	6.9393	24.2473	0.1683	0.1126	0.0008	0.0000	0.0000
2016-09-17 00:00:00	6.6787	24.2473	0.1619	0.1126	0.0008	0.0000	0.0000
2016-09-17 00:15:00	7.1793	24.2473	0.1741	0.1126	0.0008	0.0000	0.0000
2016-09-17 00:30:00	6.8864	24.2473	0.1670	0.1126	0.0008	0.0000	0.0000
2016-09-17 00:45:00	5.9884	24.2473	0.1452	0.1126	0.0007	0.0000	0.0000
2016-09-17 01:00:00	5.8426	24.2473	0.1417	0.1126	0.0007	0.0000	0.0000
2016-09-17 01:15:00	6.4143	24.2473	0.1555	0.1126	0.0007	0.0000	0.0000
2016-09-17 01:30:00	6.2041	24.2473	0.1504	0.1126	0.0007	0.0000	0.0000
2016-09-17 01:45:00	6.4435	24.2473	0.1562 0.1567	0.1126	0.0007 0.0007	0.0000 0.0000	0.0000
2016-09-17 02:00:00	6.4630	24.2473		0.1126			0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-17 02:15:00	5.6582	24.2473	0.1372	0.1126	0.0006	0.0000	0.0000
2016-09-17 02:30:00	5.0184	24.2473	0.1217	0.1126	0.0006	0.0000	0.0000
2016-09-17 02:45:00	4.7596	24.2473	0.1154	0.1126	0.0005	0.0000	0.0000
2016-09-17 03:00:00	4.8852	24.2473	0.1185	0.1126	0.0006	0.0000	0.0000
2016-09-17 03:15:00	3.8360	24.2473	0.0930	0.1126	0.0004	0.0000	0.0000
2016-09-17 03:30:00	4.9226	24.2473	0.1194	0.1126	0.0006	0.0000	0.0000
2016-09-17 03:45:00	5.4054	24.2473	0.1311	0.1126	0.0006	0.0000	0.0000
2016-09-17 04:00:00	5.4410	24.2473	0.1319	0.1126	0.0006	0.0000	0.0000
2016-09-17 04:15:00	5.5354	24.2473	0.1342	0.1126	0.0006	0.0000	0.0000
2016-09-17 04:30:00	5.5194	24.2473	0.1338	0.1126	0.0006	0.0000	0.0000
2016-09-17 04:45:00	6.3893	24.2473	0.1549	0.1126	0.0007	0.0000	0.0000
2016-09-17 05:00:00	5.9273	24.2473	0.1437	0.1126	0.0007	0.0000	0.0000
2016-09-17 05:15:00	2.6876	24.2473	0.0652	0.1126	0.0003	0.0000	0.0000
2016-09-17 05:30:00	1.1165	24.2473	0.0271	0.1126	0.0001	0.0000	0.0000
2016-09-17 05:45:00	1.5100	24.2473	0.0366	0.1126	0.0002	0.0000	0.0000
2016-09-17 06:00:00	5.0831	24.2473	0.1233	0.1126	0.0006	0.0000	0.0000
2016-09-17 06:15:00	5.3306	24.2473	0.1293	0.1126	0.0006	0.0000	0.0000
2016-09-17 06:30:00	6.5025	24.2473	0.1577	0.1126	0.0007	0.0000	0.0000
2016-09-17 06:45:00	4.6166	24.2473	0.1119	0.1126	0.0005	0.0000	0.0000
2016-09-17 07:00:00	4.8407	24.2473	0.1174	0.1126	0.0005	0.0000	0.0000
2016-09-17 07:15:00	4.6550	24.2473	0.1129	0.1126	0.0005	0.0000	0.0000
2016-09-17 07:30:00	7.5378	24.2473	0.1828	0.1126	0.0008 0.0008	0.0000 0.0000	0.0000
2016-09-17 07:45:00 2016-09-17 08:00:00	7.3874 9.5736	24.2473 24.2473	0.1791 0.2321	0.1126 0.1126	0.0008	0.0000	0.0000
2016-09-17 08:00:00	9.5736 9.1419	24.2473 24.2473	0.2321	0.1126 0.1126	0.0011	0.0000	0.0000
2016-09-17 08:15:00 2016-09-17 08:30:00	9.1419 9.7310	24.2473 24.2473	0.2217	0.1126 0.1126	0.0010	0.0000	0.0000
2016-09-17 08:30:00	9.7310 8.5122	24.2473	0.2360	0.1126	0.0011	0.0000	0.0000
2016-09-17 08:45:00	8.7227	24.2473	0.2064	0.1126	0.0010	0.0000	0.0000
2016-09-17 09:00:00	8.3913	24.2473	0.2115	0.1126	0.0010	0.0000	0.0000
2016-09-17 09:30:00	8.2151	24.2473	0.1992	0.1126	0.0009	0.0000	0.0000
2016-09-17 09:45:00	8.0219	24.2473	0.1932	0.1126	0.0009	0.0000	0.0000
2016-09-17 10:00:00	8.4600	24.2473	0.2051	0.1126	0.0010	0.0000	0.0000
2016-09-17 10:05:00	8.8096	24.2473	0.2136	0.1126	0.0010	0.0000	0.0000
2016-09-17 10:30:00	9.0067	24.2473	0.2184	0.1126	0.0010	0.0000	0.0000
2016-09-17 10:45:00	8.8119	24.2473	0.2137	0.1126	0.0010	0.0000	0.0000
2016-09-17 11:00:00	8.1583	24.2473	0.1978	0.1126	0.0009	0.0000	0.0000
2016-09-17 11:15:00	8.0020	24.2473	0.1940	0.1126	0.0009	0.0000	0.0000
2016-09-17 11:30:00	7.9595	24.2473	0.1930	0.1126	0.0009	0.0000	0.0000
2016-09-17 11:45:00	7.5400	24.2473	0.1828	0.1126	0.0008	0.0000	0.0000
2016-09-17 12:00:00	6.9399	24.2473	0.1683	0.1126	0.0008	0.0000	0.0000
2016-09-17 12:15:00	6.7811	24.2473	0.1644	0.1126	0.0008	0.0000	0.0000
2016-09-17 12:30:00	6.9188	24.2473	0.1678	0.1126	0.0008	0.0000	0.0000
2016-09-17 12:45:00	6.8377	24.2473	0.1658	0.1126	0.0008	0.0000	0.0000
2016-09-17 13:00:00	6.6516	24.2473	0.1613	0.1126	0.0007	0.0000	0.0000
2016-09-17 13:15:00	5.4922	24.2473	0.1332	0.1126	0.0006	0.0000	0.0000
2016-09-17 13:30:00	5.6048	24.2473	0.1359	0.1126	0.0006	0.0000	0.0000
2016-09-17 13:45:00	6.0169	24.2473	0.1459	0.1126	0.0007	0.0000	0.0000
2016-09-17 14:00:00	6.1006	24.2473	0.1479	0.1126	0.0007	0.0000	0.0000
2016-09-17 14:15:00	5.5225	24.2473	0.1339	0.1126	0.0006	0.0000	0.0000
2016-09-17 14:30:00	5.3741	24.2473	0.1303	0.1126	0.0006	0.0000	0.0000
2016-09-17 14:45:00	4.1357	24.2473	0.1003	0.1126	0.0005	0.0000	0.0000
2016-09-17 15:00:00	2.7318	24.2473	0.0662	0.1126	0.0003	0.0000	0.0000
2016-09-17 15:15:00	3.5358	24.2473	0.0857	0.1126	0.0004	0.0000	0.0000
2016-09-17 15:30:00	2.8262	24.2473	0.0685	0.1126	0.0003	0.0000	0.0000
2016-09-17 15:45:00	4.0457	24.2473	0.0981	0.1126	0.0005	0.0000	0.0000
2016-09-17 16:00:00	3.5872	24.2473	0.0870	0.1126	0.0004	0.0000	0.0000
2016-09-17 16:15:00	3.1662	24.2473	0.0768	0.1126	0.0004	0.0000	0.0000
2016-09-17 16:30:00	0.3103	24.2473	0.0075	0.1126	0.0000	0.0000	0.0000
2016-09-17 16:45:00	0.0494	24.2473	0.0012	0.1126	0.0000	0.0000	0.0000
2016-09-17 17:00:00	0.4156	24.2473	0.0101	0.1126	0.0000	0.0000	0.0000
2016-09-17 17:15:00	0.2436	24.2473	0.0059	0.1126	0.0000	0.0000	0.0000
2016-09-17 17:30:00	0.8574	24.2473	0.0208	0.1126	0.0001	0.0000	0.0000
2016-09-17 17:45:00	1.1391	24.2473	0.0276	0.1126	0.0001	0.0000	0.0000
2016-09-17 18:00:00	0.5189	24.2473	0.0126	0.1126	0.0001	0.0000	0.0000
2016-09-17 18:15:00	0.8032	24.2473	0.0195	0.1126	0.0001	0.0000	0.0000
2016-09-17 18:30:00	0.2952	24.2473	0.0072	0.1126	0.0000	0.0000	0.0000
2016-09-17 18:45:00	0.2841	24.2473	0.0069	0.1126	0.0000	0.0000	0.0000
2016-09-17 19:00:00	0.4709	24.2473	0.0114	0.1126	0.0001	0.0000	0.0000
2016-09-17 19:15:00	0.0670	24.2473	0.0016	0.1126	0.0000	0.0000	0.0000
2016-09-17 19:30:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 19:45:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 20:00:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2010 03 17 20:00:00							
2016-09-17 20:15:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.1126 0.1126	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-17 21:00:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 21:15:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 21:30:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 21:45:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 22:00:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 22:15:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 22:30:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 22:45:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 23:00:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-17 23:15:00	0.0347	24.2473	0.0008	0.1126	0.0000	0.0000	0.0000
2016-09-17 23:30:00	0.8022	24.2473	0.0195	0.1126	0.0001	0.0000	0.0000
2016-09-17 23:45:00	0.3250	24.2473	0.0079	0.1126	0.0000	0.0000	0.0000
2016-09-18 00:00:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-18 00:15:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-18 00:30:00	0.0358	24.2473	0.0009	0.1126	0.0000	0.0000	0.0000
2016-09-18 00:45:00	0.1013	24.2473	0.0025	0.1126	0.0000	0.0000	0.0000
2016-09-18 01:00:00	0.1401	24.2473	0.0034	0.1126	0.0000	0.0000	0.0000
2016-09-18 01:15:00	0.0984	24.2473	0.0024	0.1126	0.0000	0.0000	0.0000
2016-09-18 01:30:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-18 01:45:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-18 02:00:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-18 02:15:00 2016-09-18 02:30:00	0.0000	24.2473	0.0000 0.0000	0.1126	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-18 02:30:00 2016-09-18 02:45:00	0.0000 0.0000	24.2473 24.2473	0.0000	0.1126 0.1126	0.0000	0.0000	0.0000
2016-09-18 02:45:00 2016-09-18 03:00:00	0.0000	24.2473 24.2473	0.0000	0.1126 0.1126	0.0000	0.0000	0.0000
2016-09-18 03:00:00	0.0000	24.2473	0.0000	0.1126 0.1126	0.0000	0.0000	0.0000
2016-09-18 03:15:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-18 03:30:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-18 03:45:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-18 04:05:00	0.0000	24.2473	0.0000	0.1126	0.0000	0.0000	0.0000
2016-09-18 04:13:00	0.0000	24.2473	0.0000	0.1120	0.0000	0.0000	0.0000
2016-09-18 04:45:00	0.0000	24.2473	0.0000	0.1377	0.0000	0.0000	0.0000
2016-09-18 05:00:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 05:15:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 05:30:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 05:45:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 06:00:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 06:15:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 06:30:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 06:45:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 07:00:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 07:15:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 07:30:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 07:45:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 08:00:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 08:15:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 08:30:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 08:45:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 09:00:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 09:15:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 09:30:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 09:45:00	0.0869	24.2473	0.0021	0.1270	0.0000	0.0000	0.0000
2016-09-18 10:00:00	1.7888	24.2473	0.0434	0.1270	0.0002	0.0000	0.0000
2016-09-18 10:15:00	1.6234	24.2473	0.0394	0.1270	0.0002	0.0000	0.0000
2016-09-18 10:30:00	1.4813	24.2473	0.0359	0.1270	0.0002	0.0000	0.0000
2016-09-18 10:45:00	2.2033	24.2473	0.0534	0.1270	0.0003	0.0000	0.0000
2016-09-18 11:00:00	2.2284	24.2473	0.0540	0.1270	0.0003	0.0000	0.0000
2016-09-18 11:15:00	1.0558	24.2473	0.0256	0.1270	0.0001	0.0000	0.0000
2016-09-18 11:30:00	2.0969	24.2473	0.0508	0.1270	0.0003	0.0000	0.0000
2016-09-18 11:45:00	3.4572	24.2473	0.0838	0.1270	0.0004	0.0000	0.0000
2016-09-18 12:00:00	3.1650	24.2473	0.0767	0.1270	0.0004	0.0000	0.0000
2016-09-18 12:15:00	1.3818	24.2473	0.0335	0.1270	0.0002	0.0000	0.0000
2016-09-18 12:30:00	0.6384	24.2473	0.0155	0.1270	0.0001	0.0000	0.0000
2016-09-18 12:45:00	0.2762	24.2473	0.0067	0.1270	0.0000	0.0000	0.0000
2016-09-18 13:00:00	0.3839	24.2473	0.0093	0.1270	0.0000	0.0000	0.0000
2016-09-18 13:15:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 13:30:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 13:45:00	0.0371	24.2473	0.0009	0.1270	0.0000	0.0000	0.0000
2016-09-18 14:00:00	0.4148	24.2473	0.0101	0.1270	0.0001	0.0000	0.0000
2016-09-18 14:15:00	0.9481	24.2473	0.0230	0.1270	0.0001	0.0000	0.0000
2016-09-18 14:30:00	0.5521	24.2473	0.0134	0.1270	0.0001	0.0000	0.0000
	0.1212	24.2473	0.0029	0.1270	0.0000	0.0000	0.0000
2016-09-18 14:45:00	0.1212						
2016-09-18 14:45:00 2016-09-18 15:00:00	0.1548	24.2473	0.0038	0.1270	0.0000	0.0000	0.0000
			0.0038 0.0010	0.1270 0.1270	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-18 15:45:00	0.1584	24.2473	0.0038	0.1270	0.0000	0.0000	0.0000
2016-09-18 16:00:00	0.0221	24.2473	0.0005	0.1270	0.0000	0.0000	0.0000
2016-09-18 16:15:00	0.0373	24.2473	0.0009	0.1270	0.0000	0.0000	0.0000
2016-09-18 16:30:00	0.0000	24.2473	0.0000	0.1780	0.0000	0.0000	0.0000
2016-09-18 16:45:00	0.0000	24.2473	0.0000	0.1812	0.0000	0.0000	0.0000
2016-09-18 17:00:00	0.0000	24.2473	0.0000	0.1270	0.0000	0.0000	0.0000
2016-09-18 17:15:00	0.0000	24.2473	0.0000	0.1592	0.0000	0.0000	0.0000
2016-09-18 17:30:00	0.0000	24.2473	0.0000	0.2396	0.0000	0.0000	0.0000
2016-09-18 17:45:00	0.0000	24.2473	0.0000	0.2396	0.0000	0.0000	0.0000
2016-09-18 18:00:00	0.0000	24.2473	0.0000	0.1407	0.0000	0.0000	0.0000
2016-09-18 18:15:00	0.0381	24.2473	0.0009	0.1257	0.0000	0.0000	0.0000
2016-09-18 18:30:00	0.0202	24.2473	0.0005	0.1257	0.0000	0.0000	0.0000
2016-09-18 18:45:00	0.0539	24.2473	0.0013	0.1257	0.0000	0.0000	0.0000
2016-09-18 19:00:00	0.4956	24.2473	0.0120	0.1257	0.0001	0.0000	0.0000
2016-09-18 19:15:00	1.4435	24.2473	0.0350	0.2063	0.0003	0.0000	0.0000
2016-09-18 19:30:00	1.8013	24.2473	0.0437	0.2390	0.0004	0.0000	0.0000
2016-09-18 19:45:00	1.4822	24.2473	0.0359	0.2390	0.0004	0.0000	0.0000
2016-09-18 20:00:00 2016-09-18 20:15:00	1.8078	24.2473	0.0438 0.0463	0.2390	0.0004	0.0000 0.0000	0.0000 0.0000
2016-09-18 20:15:00	1.9077	24.2473		0.2390	0.0005 0.0006	0.0000	0.0000
2016-09-18 20:45:00	2.5909	24.2473	0.0628 0.0304	0.2390 0.2390	0.0008	0.0000	0.0000
2016-09-18 20:45:00	1.2555 1.8731	24.2473 24.2473	0.0304	0.2390	0.0003	0.0000	0.0000
2016-09-18 21:00:00	0.7421	24.2473	0.0454	0.2390	0.0004	0.0000	0.0000
2016-09-18 21:15:00	1.1638	24.2473	0.0180	0.2390	0.0002	0.0000	0.0000
2016-09-18 21:45:00	1.0085	24.2473	0.0282	0.2390	0.0003	0.0000	0.0000
2016-09-18 22:00:00	1.5213	24.2473	0.0369	0.2390	0.0002	0.0000	0.0000
2016-09-18 22:15:00	0.8325	24.2473	0.0202	0.2390	0.0002	0.0000	0.0000
2016-09-18 22:30:00	0.3362	24.2473	0.0082	0.2390	0.0001	0.0000	0.0000
2016-09-18 22:45:00	0.3892	24.2473	0.0094	0.2390	0.0001	0.0000	0.0000
2016-09-18 23:00:00	0.8202	24.2473	0.0199	0.2390	0.0002	0.0000	0.0000
2016-09-18 23:15:00	3.0874	24.2473	0.0749	0.1949	0.0006	0.0000	0.0000
2016-09-18 23:30:00	3.2232	24.2473	0.0782	0.1897	0.0006	0.0000	0.0000
2016-09-18 23:45:00	1.8753	24.2473	0.0455	0.1640	0.0003	0.0000	0.0000
2016-09-19 00:00:00	4.6674	24.2473	0.1132	0.1135	0.0005	0.0000	0.0000
2016-09-19 00:15:00	1.3675	24.2473	0.0332	0.1558	0.0002	0.0000	0.0000
2016-09-19 00:30:00	0.8369	24.2473	0.0203	0.1183	0.0001	0.0000	0.0000
2016-09-19 00:45:00	2.1765	24.2473	0.0528	0.0961	0.0002	0.0000	0.0000
2016-09-19 01:00:00	3.6709	24.2473	0.0890	0.1122	0.0004	0.0000	0.0000
2016-09-19 01:15:00	3.8019	24.2473	0.0922	0.0295	0.0001	0.0000	0.0000
2016-09-19 01:30:00	5.4967	24.2473	0.1333	0.0035	0.0000	0.0000	0.0000
2016-09-19 01:45:00	3.5684	24.2473	0.0865	0.0419	0.0001	0.0000	0.0000
2016-09-19 02:00:00	2.0711	24.2473	0.0502	0.1070	0.0002	0.0000	0.0000
2016-09-19 02:15:00	2.4074	24.2473	0.0584	0.1171	0.0003	0.0000	0.0000
2016-09-19 02:30:00	2.9648	24.2473	0.0719	0.0862	0.0003	0.0000	0.0000
2016-09-19 02:45:00	2.9220	24.2473	0.0709	0.0610	0.0002	0.0000	0.0000
2016-09-19 03:00:00	1.7270	24.2473	0.0419	0.1327	0.0002	0.0000	0.0000
2016-09-19 03:15:00	2.4301	24.2473	0.0589	0.1100	0.0003	0.0000	0.0000
2016-09-19 03:30:00	3.9194	24.2473	0.0950	0.1284	0.0005	0.0000	0.0000
2016-09-19 03:45:00	3.8269	24.2473	0.0928	0.0859	0.0003	0.0000	0.0000
2016-09-19 04:00:00	4.5892	24.2473	0.1113	0.1074	0.0005	0.0000	0.0000
2016-09-19 04:15:00	3.3053	24.2473	0.0801	0.1124	0.0004	0.0000	0.0000
2016-09-19 04:30:00	1.9412	24.2473	0.0471	0.0041	0.0000	0.0000	0.0000
2016-09-19 04:45:00	0.4270	24.2473	0.0104	0.0041	0.0000	0.0000	0.0000
2016-09-19 05:00:00	0.0390	24.2473	0.0009	0.0041	0.0000	0.0000	0.0000
2016-09-19 05:15:00	0.0000	24.2473	0.0000	0.0041	0.0000	0.0000	0.0000
2016-09-19 05:30:00	0.0387	24.2473	0.0009	0.0041	0.0000	0.0000	0.0000
2016-09-19 05:45:00	0.4399	24.2473	0.0107	0.0041	0.0000	0.0000	0.0000
2016-09-19 06:00:00	0.0597	24.2473	0.0014	0.0041	0.0000	0.0000	0.0000
2016-09-19 06:15:00	0.0776	24.2473	0.0019	0.0041	0.0000	0.0000	0.0000
2016-09-19 06:30:00	0.0404	24.2473	0.0010	0.0041	0.0000	0.0000	0.0000
2016-09-19 06:45:00	0.0196	24.2473	0.0005	0.0041	0.0000	0.0000	0.0000
2016-09-19 07:00:00	0.5159	24.2473	0.0125	0.1141	0.0001	0.0000	0.0000
2016-09-19 07:15:00	0.2561	24.2473	0.0062	0.1174	0.0000	0.0000	0.0000
2016-09-19 07:30:00	0.0182	24.2473	0.0004	0.1174	0.0000	0.0000	0.0000
2016-09-19 07:45:00	0.0000	24.2473	0.0000	0.1174	0.0000	0.0000	0.0000
2016-09-19 08:00:00	0.0745	24.2473	0.0018	0.1174	0.0000	0.0000	0.0000
2016-09-19 08:15:00	0.8597	24.2473	0.0208	0.1174	0.0001	0.0000	0.0000
2016-09-19 08:30:00	1.0392	24.2473	0.0252	0.1174	0.0001	0.0000	0.0000
2016-09-19 08:45:00	2.0314	24.2473	0.0493	0.1174	0.0002	0.0000	0.0000
2016-09-19 09:00:00	0.8691	24.2473	0.0211	0.1174	0.0001	0.0000	0.0000
2016-09-19 09:15:00	0.6379	24.2473	0.0155	0.1174	0.0001	0.0000	0.0000
2016-09-19 09:30:00	0.3321	24.2473	0.0081	0.1174	0.0000	0.0000	0.0000
2016-09-19 09:45:00	0.2195	24.2473	0.0053	0.1174	0.0000	0.0000	0.0000
2016-09-19 10:00:00	0.0364	24.2473	0.0009 0.0046	0.1174	0.0000	0.0000	0.0000
2016-09-19 10:15:00	0.1903	24.2473		0.1174	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-19 10:30:00	0.2969	24.2473	0.0072	0.1174	0.0000	0.0000	0.0000
2016-09-19 10:45:00	0.6047	24.2473	0.0147	0.1174	0.0001	0.0000	0.0000
2016-09-19 11:00:00	0.6042	24.2473	0.0147	0.1174	0.0001	0.0000	0.0000
2016-09-19 11:15:00	1.2536	24.2473	0.0304	0.1174	0.0001	0.0000	0.0000
2016-09-19 11:30:00	1.6470	24.2473	0.0399	0.1737	0.0003	0.0000	0.0000
2016-09-19 11:45:00	2.2687	24.2473	0.0550	0.2383	0.0005	0.0000	0.0000
2016-09-19 12:00:00	2.2681	24.2473	0.0550	0.2383	0.0005	0.0000	0.0000
2016-09-19 12:15:00	1.1680	24.2473	0.0283	0.1850	0.0002	0.0000	0.0000
2016-09-19 12:30:00	0.4737	24.2473	0.0115	0.1208	0.0001	0.0000	0.0000
2016-09-19 12:45:00	0.7718	24.2473	0.0187	0.1208	0.0001	0.0000	0.0000
2016-09-19 13:00:00	1.2454	24.2473	0.0302	0.1109	0.0001	0.0000	0.0000
2016-09-19 13:15:00	1.4880	24.2473	0.0361	0.0968	0.0001	0.0000	0.0000
2016-09-19 13:30:00	1.6117	24.2473	0.0391	0.1372	0.0002	0.0000	0.0000
2016-09-19 13:45:00	2.1419	24.2473	0.0519	0.0976 0.0684	0.0002 0.0002	0.0000 0.0000	0.0000
2016-09-19 14:00:00	2.8317	24.2473	0.0687	0.0684			0.0000
2016-09-19 14:15:00	2.7090	24.2473	0.0657 0.0998		0.0003 0.0005	0.0000 0.0000	0.0000
2016-09-19 14:30:00	4.1174	24.2473 24.2473	0.0998	0.1211 0.0562	0.0005	0.0000	0.0000
2016-09-19 14:45:00 2016-09-19 15:00:00	2.8393	24.2473	0.0688	0.0562	0.0002	0.0000	0.0000
	3.8432						
2016-09-19 15:15:00	2.4323 3.3727	24.2473 24.2473	0.0590 0.0818	0.1304 0.0502	0.0003 0.0002	0.0000 0.0000	0.0000
2016-09-19 15:30:00 2016-09-19 15:45:00	3.3727 4.0291	24.2473	0.0818	0.0502	0.0002	0.0000	0.0000
2016-09-19 15:45:00 2016-09-19 16:00:00	4.0291 4.0821	24.2473	0.0977	0.0780	0.0003	0.0000	0.0000
2016-09-19 16:00:00	4.0821 3.4728	24.2473	0.0990	0.1004	0.0004	0.0000	0.0000
2016-09-19 16:15:00	3.4728 3.6489	24.2473	0.0842	0.0783	0.0003	0.0000	0.0000
2016-09-19 16:30:00	3.7952	24.2473	0.0885	0.0783	0.0003	0.0000	0.0000
2016-09-19 17:00:00	2.2943	24.2473	0.0556	0.0867	0.0003	0.0000	0.0000
2016-09-19 17:15:00	1.3411	24.2473	0.0335	0.0902	0.0001	0.0000	0.0000
2016-09-19 17:30:00	0.8104	24.2473	0.0196	0.0466	0.0000	0.0000	0.0000
2016-09-19 17:45:00	3.8476	24.2473	0.0933	0.0899	0.0003	0.0000	0.0000
2016-09-19 18:00:00	2.5330	24.2473	0.0614	0.1060	0.0003	0.0000	0.0000
2016-09-19 18:15:00	2.9051	24.2473	0.0704	0.1935	0.0006	0.0000	0.0000
2016-09-19 18:30:00	3.8987	24.2473	0.0945	0.1083	0.0004	0.0000	0.0000
2016-09-19 18:45:00	2.7888	24.2473	0.0676	0.1958	0.0005	0.0000	0.0000
2016-09-19 19:00:00	1.5576	24.2473	0.0378	0.1782	0.0003	0.0000	0.0000
2016-09-19 19:15:00	1.6448	24.2473	0.0399	0.1847	0.0003	0.0000	0.0000
2016-09-19 19:30:00	1.0379	24.2473	0.0252	0.1847	0.0002	0.0000	0.0000
2016-09-19 19:45:00	1.3975	24.2473	0.0339	0.1847	0.0003	0.0000	0.0000
2016-09-19 20:00:00	2.8678	24.2473	0.0695	0.1614	0.0005	0.0000	0.0000
2016-09-19 20:15:00	4.3808	24.2473	0.1062	0.2462	0.0011	0.0000	0.0000
2016-09-19 20:30:00	3.8450	24.2473	0.0932	0.2433	0.0009	0.0000	0.0000
2016-09-19 20:45:00	2.8744	24.2473	0.0697	0.2850	0.0008	0.0000	0.0000
2016-09-19 21:00:00	0.8436	24.2473	0.0205	0.1733	0.0001	0.0000	0.0000
2016-09-19 21:15:00	0.3689	24.2473	0.0089	0.1710	0.0001	0.0000	0.0000
2016-09-19 21:30:00	0.6143	24.2473	0.0149	0.1710	0.0001	0.0000	0.0000
2016-09-19 21:45:00	3.9792	24.2473	0.0965	0.1710	0.0007	0.0000	0.0000
2016-09-19 22:00:00	3.0510	24.2473	0.0740	0.1710	0.0005	0.0000	0.0000
2016-09-19 22:15:00	3.0228	24.2473	0.0733	0.1710	0.0005	0.0000	0.0000
2016-09-19 22:30:00	2.1730	24.2473	0.0527	0.1710	0.0004	0.0000	0.0000
2016-09-19 22:45:00	3.4916	24.2473	0.0847	0.1710	0.0006	0.0000	0.0000
2016-09-19 23:00:00	2.4346	24.2473	0.0590	0.1710	0.0004	0.0000	0.0000
2016-09-19 23:15:00	1.1808	24.2473	0.0286	0.1710	0.0002	0.0000	0.0000
2016-09-19 23:30:00	0.0978	24.2473	0.0024	0.1710	0.0000	0.0000	0.0000
2016-09-19 23:45:00	0.0405	24.2473	0.0010	0.1710	0.0000	0.0000	0.0000
2016-09-20 00:00:00	0.0000	24.2473	0.0000	0.1710	0.0000	0.0000	0.0000
2016-09-20 00:15:00	0.2030	24.2473	0.0049	0.1710	0.0000	0.0000	0.0000
2016-09-20 00:30:00	2.3133	24.2473	0.0561	0.1710	0.0004	0.0000	0.0000
2016-09-20 00:45:00	2.8542	24.2473	0.0692	0.1710	0.0005	0.0000	0.0000
2016-09-20 01:00:00	2.9105	24.2473	0.0706	0.1710	0.0005	0.0000	0.0000
2016-09-20 01:15:00	3.8667	24.2473	0.0938	0.1710	0.0007	0.0000	0.0000
2016-09-20 01:30:00	3.2650	24.2473	0.0792	0.1039	0.0003	0.0000	0.0000
2016-09-20 01:45:00	3.2270	24.2473	0.0782	0.0584	0.0002	0.0000	0.0000
2016-09-20 02:00:00	3.2153	24.2473	0.0780	0.0584	0.0002	0.0000	0.0000
2016-09-20 02:15:00	1.9026	24.2473	0.0461	0.0584	0.0001	0.0000	0.0000
2016-09-20 02:30:00	1.5067	24.2473	0.0365	0.0584	0.0001	0.0000	0.0000
2016-09-20 02:45:00	1.9007	24.2473	0.0461	0.0584	0.0001	0.0000	0.0000
2016-09-20 03:00:00	1.0758	24.2473	0.0261	0.0584	0.0001	0.0000	0.0000
2016-09-20 03:15:00	0.8735	24.2473	0.0212	0.0584	0.0001	0.0000	0.0000
2016-09-20 03:30:00	1.6795	24.2473	0.0407	0.0584	0.0001	0.0000	0.0000
2010 03 20 03:30:00		24.2473	0.0274	0.0584	0.0001	0.0000	0.0000
2016-09-20 03:45:00	1.1298	24.2473					
	1.1298 1.8943	24.2473	0.0459	0.0584	0.0001	0.0000	0.0000
2016-09-20 03:45:00 2016-09-20 04:00:00 2016-09-20 04:15:00	1.8943 2.5363	24.2473 24.2473	0.0615	0.0584	0.0001	0.0000	0.0000
2016-09-20 03:45:00 2016-09-20 04:00:00 2016-09-20 04:15:00 2016-09-20 04:30:00	1.8943 2.5363 2.8021	24.2473 24.2473 24.2473	0.0615 0.0679	0.0584 0.0584	0.0001 0.0002	0.0000 0.0000	0.0000 0.0000
2016-09-20 03:45:00 2016-09-20 04:00:00 2016-09-20 04:15:00	1.8943 2.5363	24.2473 24.2473	0.0615	0.0584	0.0001	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-20 05:15:00	5.3950	24.2473	0.1308	0.0584	0.0003	0.0000	0.0000
2016-09-20 05:30:00	5.5240	24.2473	0.1339	0.0584	0.0003	0.0000	0.0000
2016-09-20 05:45:00	1.7823	24.2473	0.0432	0.0584	0.0001	0.0000	0.0000
2016-09-20 06:00:00	2.3264	24.2473	0.0564	0.0584	0.0001	0.0000	0.0000
2016-09-20 06:15:00	5.0341	24.2473	0.1221	0.0584	0.0003	0.0000	0.0000
2016-09-20 06:30:00	6.6176	24.2473	0.1605	0.0584	0.0004	0.0000	0.0000
2016-09-20 06:45:00	8.0374	24.2473	0.1949	0.0584	0.0005	0.0000	0.0000
2016-09-20 07:00:00	8.8878	24.2473	0.2155	0.0584	0.0005	0.0000	0.0000
2016-09-20 07:15:00	8.6216	24.2473	0.2091	0.0584	0.0005	0.0000	0.0000
2016-09-20 07:30:00	7.6674	24.2473	0.1859	0.0584	0.0004	0.0000	0.0000
2016-09-20 07:45:00	8.5579	24.2473	0.2075	0.0584	0.0005	0.0000	0.0000
2016-09-20 08:00:00	9.0107	24.2473	0.2185	0.0584	0.0005	0.0000	0.0000
2016-09-20 08:15:00	7.8826	24.2473	0.1911	0.0584	0.0005	0.0000	0.0000
2016-09-20 08:30:00	8.6646	24.2473	0.2101 0.1889	0.0584 0.0584	0.0005 0.0005	0.0000 0.0000	0.0000
2016-09-20 08:45:00	7.7900	24.2473		0.0584			0.0000
2016-09-20 09:00:00	9.1213	24.2473	0.2212		0.0005	0.0000 0.0000	0.0000
2016-09-20 09:15:00 2016-09-20 09:30:00	9.0175 8.9682	24.2473	0.2187	0.0584 0.0584	0.0005 0.0005	0.0000	0.0000
2016-09-20 09:30:00		24.2473 24.2473	0.2175 0.2158	0.0584	0.0005	0.0000	0.0000
	8.9019			0.0584		0.0000	0.0000
2016-09-20 10:00:00	9.5575	24.2473	0.2317		0.0006	0.0000	
2016-09-20 10:15:00 2016-09-20 10:30:00	8.9610 8.7452	24.2473 24.2473	0.2173 0.2120	0.0584 0.0584	0.0005 0.0005	0.0000	0.0000
2016-09-20 10:30:00 2016-09-20 10:45:00	8.7452 9.8464	24.2473	0.2120	0.0584	0.0005	0.0000	0.0000
2016-09-20 10:45:00 2016-09-20 11:00:00	9.8464	24.2473	0.2326	0.0584	0.0006	0.0000	0.0000
2016-09-20 11:00:00	9.5924	24.2473	0.2326	0.0584	0.0006	0.0000	0.0000
2016-09-20 11:15:00	9.1972	24.2473	0.2184	0.0584	0.0005	0.0000	0.0000
2016-09-20 11:30:00	9.1972 8.6421	24.2473	0.2230	0.0584	0.0005	0.0000	0.0000
2016-09-20 12:00:00	7.8295	24.2473	0.1898	0.0584	0.0005	0.0000	0.0000
2016-09-20 12:15:00	7.4061	24.2473	0.1796	0.0584	0.0003	0.0000	0.0000
2016-09-20 12:30:00	6.5063	24.2473	0.1578	0.0584	0.0004	0.0000	0.0000
2016-09-20 12:45:00	5.9263	24.2473	0.1437	0.0584	0.0003	0.0000	0.0000
2016-09-20 13:00:00	6.2600	24.2473	0.1518	0.0584	0.0004	0.0000	0.0000
2016-09-20 13:15:00	5.8178	24.2473	0.1411	0.0584	0.0003	0.0000	0.0000
2016-09-20 13:30:00	5.7632	24.2473	0.1397	0.0584	0.0003	0.0000	0.0000
2016-09-20 13:45:00	5.7768	24.2473	0.1401	0.0584	0.0003	0.0000	0.0000
2016-09-20 14:00:00	5.2176	24.2473	0.1265	0.0584	0.0003	0.0000	0.0000
2016-09-20 14:15:00	5.2114	24.2473	0.1264	0.0584	0.0003	0.0000	0.0000
2016-09-20 14:30:00	5.0680	24.2473	0.1229	0.0584	0.0003	0.0000	0.0000
2016-09-20 14:45:00	4.0248	24.2473	0.0976	0.0584	0.0002	0.0000	0.0000
2016-09-20 15:00:00	3.4426	24.2473	0.0835	0.0584	0.0002	0.0000	0.0000
2016-09-20 15:15:00	3.3104	24.2473	0.0803	0.0584	0.0002	0.0000	0.0000
2016-09-20 15:30:00	2.6242	24.2473	0.0636	0.0584	0.0002	0.0000	0.0000
2016-09-20 15:45:00	2.4525	24.2473	0.0595	0.0584	0.0001	0.0000	0.0000
2016-09-20 16:00:00	2.9833	24.2473	0.0723	0.0584	0.0002	0.0000	0.0000
2016-09-20 16:15:00	2.0741	24.2473	0.0503	0.0584	0.0001	0.0000	0.0000
2016-09-20 16:30:00	1.7823	24.2473	0.0432	0.0584	0.0001	0.0000	0.0000
2016-09-20 16:45:00	0.2882	24.2473	0.0070	0.1208	0.0000	0.0000	0.0000
2016-09-20 17:00:00	0.1183	24.2473	0.0029	0.1710	0.0000	0.0000	0.0000
2016-09-20 17:15:00	0.0000	24.2473	0.0000	0.1710	0.0000	0.0000	0.0000
2016-09-20 17:30:00	0.0968	24.2473	0.0023	0.1710	0.0000	0.0000	0.0000
2016-09-20 17:45:00	0.5236	24.2473	0.0127	0.1710	0.0001	0.0000	0.0000
2016-09-20 18:00:00	0.3628	24.2473	0.0088	0.1710	0.0001	0.0000	0.0000
2016-09-20 18:15:00	0.3066	24.2473	0.0074	0.1710	0.0001	0.0000	0.0000
2016-09-20 18:30:00	0.1802	24.2473	0.0044	0.1710	0.0000	0.0000	0.0000
2016-09-20 18:45:00	1.3574	24.2473	0.0329	0.1710	0.0002	0.0000	0.0000
2016-09-20 19:00:00	2.1049	24.2473	0.0510	0.1710	0.0004	0.0000	0.0000
2016-09-20 19:15:00	0.7095	24.2473	0.0172	0.1710	0.0001	0.0000	0.0000
2016-09-20 19:30:00	0.0608	24.2473	0.0015	0.1698	0.0000	0.0000	0.0000
2016-09-20 19:45:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 20:00:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 20:15:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 20:30:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 20:45:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 21:00:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 21:15:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 21:30:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 21:45:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 22:00:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 22:15:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 22:30:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 22:45:00							
2016-09-20 23:00:00	0.0000	24.2473	0.0000	0.0584	0.0000	0.0000	0.0000
2016-09-20 23:00:00 2016-09-20 23:15:00	0.0000	24.2473	0.0000	0.1582	0.0000	0.0000	0.0000
2016-09-20 23:00:00							

December Volumentic Notes Note		Point Source Air E	missions - A2 Nitric	Acid Stack				
2015 69-21 (000000000000000000000000000000000000	Parameter	Volumetric Flow Rate					N	20
2016-09-11 (0.018-00 0.0000 0.0000 0.24-2473 0.0000 0.1710 0.0000 0.								g/s
2016-09-21 (10-50-30)								0.0000
2015-09-21-01-05-00								0.0000
2016 09-21 01 15:00								0.0000
2016-09-21 01-15-00								0.0000
2016-09-21 (0.10-000 0.000								0.0000
2016-69-21 01-5500								0.0000
2016-09-21 02.00-00								0.0000
2016-09-21 (2015-00								0.0000
2016-09-21 (20.45 to)								0.0000
2016-09-21 (20-45:00								0.0000
2016-09-21 015-000			-					0.0000
2016-09-21 031-320								0.0000
2016-09-21 03-36-20								
2016-09-21 03-34-500								
2016-09/21 05/15/20								
2016-09-21 (04-15-00)								
2016-09-21 04-5000								
2016-09-21 05-05-000								
2016-09-21 (50-5000)			-					
2016-09-21 05-3500								0.0000
2016-09-21 05-3000			-					0.0000
2016-09-21 (05-4500 0.0000 24.2473 0.0000 0.0570 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000								0.0000
2016-09-21 06-00:00								0.0000
2016-09-21 06-15-00								0.0000
2016-09-21 06-30-00								0.0000
2016-09-21 06-48-50								0.0000
2016-09-21 07/0000			-					0.0000
2016-09-21 07-15-50								0.0000
2016-09-21 073-00:00								
2016-09-21 07-85.00								
2016-09-21 08:00:00								0.0000
2016-09-21 08:15:00								
2016-09-21 08:30:00								
2016-09-21 09-1500								
2016-09-21 09:00:00								
2016-09-21 09:15:00								
2016-09-21 09-30:00								
2016-09-21 10:45:00								
2016-09-21 10:00:00								
2016-09-21 10:15:00								0.0000
2016-09-21 10:30:00 3.2300 24.2473 0.0783 0.0584 0.0002 0.0000 0.000 2016-09-21 11:05:00 4.2955 24.2473 0.0844 0.0584 0.0003 0.0000 0.000 0.000 2016-09-21 11:15:00 4.6907 24.2473 0.1137 0.0584 0.0003 0.0000 0.000 0.000 2016-09-21 11:30:00 4.7744 24.2473 0.1158 0.0584 0.0003 0.0000 0.000 2016-09-21 11:45:00 4.8006 24.2473 0.1158 0.0584 0.0003 0.0000 0.000 2016-09-21 12:05:00 4.3591 24.2473 0.1164 0.0584 0.0003 0.0000 0.000 2016-09-21 12:05:00 2.9939 24.2473 0.1567 0.0584 0.0003 0.0000 0.000 2016-09-21 12:35:00 2.9939 24.2473 0.0726 0.0584 0.0002 0.0000 0.000 2016-09-21 12:45:00 3.1282 24.2473 0.0756 0.0584 0.0002 0.0000 0.000 2016-09-21 12:35:00 3.9501 24.2473 0.0759 0.0584 0.0002 0.0000 0.000 2016-09-21 13:35:00 3.9501 24.2473 0.0958 0.0584 0.0002 0.0000 0.000 2016-09-21 13:35:00 2.9306 24.2473 0.0759 0.0584 0.0002 0.0000 0.000 2016-09-21 13:30:00 3.9501 24.2473 0.0759 0.0584 0.0002 0.0000 0.000 2016-09-21 13:30:00 3.9501 24.2473 0.0751 0.0584 0.0002 0.0000 0.000 2016-09-21 13:45:00 2.9306 24.2473 0.0711 0.0584 0.0002 0.0000 0.000 2016-09-21 13:45:00 4.9366 24.2473 0.0711 0.0584 0.0002 0.0000 0.000 2016-09-21 13:45:00 4.9366 24.2473 0.1197 0.0584 0.0002 0.0000 0.000 2016-09-21 13:45:00 4.9366 24.2473 0.1197 0.0584 0.0003 0.0000 0.000 2016-09-21 13:45:00 4.9366 24.2473 0.1197 0.0584 0.0003 0.0000 0.000 2016-09-21 13:45:00 4.9366 24.2473 0.0760 0.0584 0.0003 0.0000 0.000 2016-09-21 14:45:00 3.5131 24.2473 0.0852 0.0584 0.0003 0.0000 0.000 2016-09-21 14:45:00 3.5555 24.2473 0.0586 0.0584 0.0003 0.0000 0.000 2016-09-21 14:45:00 3.5025 24.2473 0.0586 0.0584 0.0002 0.0000 0.000 2016-09-21 15:15:00 3.6025 24.2473 0.0588 0.0584 0.0002 0.000								
2016-09-21 10:45:00								
2016-09-21 11:00:00								
2016-09-21 11:15:00								
2016-09-21 11:30:00								
2016-09-21 11:45:00 4.8006 24.2473 0.1164 0.0584 0.0003 0.0000 0.000 2016-09-21 12:00:00 4.3591 24.2473 0.1057 0.0584 0.0003 0.0000 0.000 2016-09-21 12:30:00 2.9939 24.2473 0.0726 0.0584 0.0002 0.0000 0.000 2016-09-21 12:30:00 3.31282 24.2473 0.0759 0.0584 0.0002 0.0000 0.000 2016-09-21 13:00:00 3.9501 24.2473 0.0759 0.0584 0.0002 0.0000 0.000 2016-09-21 13:00:00 3.9501 24.2473 0.0711 0.0584 0.0002 0.0000 0.000 2016-09-21 13:30:00 2.8855 24.2473 0.0701 0.0584 0.0002 0.0000 0.000 2016-09-21 14:00:00 4.9366 24.2473 0.0197 0.0584 0.0002 0.0000 0.000 2016-09-21 14:00:00 4.9286 24.2473 0.1195 0.0584 0.0003 0.0000 0.000 2016-0								
2016-09-21 12:00:00 4.3591 24.2473 0.1057 0.0584 0.0003 0.0000 0.000 2016-09-21 12:15:00 2.9939 24.2473 0.0726 0.0584 0.0002 0.0000 0.000 2016-09-21 12:45:00 2.3313 24.2473 0.0565 0.0584 0.0001 0.0000 0.000 2016-09-21 13:00:00 3.9501 24.2473 0.0759 0.0584 0.0002 0.0000 0.000 2016-09-21 13:00:00 3.9501 24.2473 0.0711 0.0584 0.0002 0.0000 0.000 2016-09-21 13:30:00 2.9306 24.2473 0.0711 0.0584 0.0002 0.0000 0.000 2016-09-21 13:30:00 2.8855 24.2473 0.0700 0.0584 0.0002 0.0000 0.000 2016-09-21 14:00:00 4.9366 24.2473 0.1197 0.0584 0.0003 0.0000 0.000 2016-09-21 14:00:00 4.9286 24.2473 0.1152 0.0584 0.0003 0.0000 0.000 2016-09								
2016-09-21 12:15:00 2.9939 24.2473 0.0726 0.0584 0.0002 0.0000 0.000 2016-09-21 12:30:00 2.3313 24.2473 0.0565 0.0584 0.0001 0.0000 0.000 2016-09-21 12:45:00 3.1282 24.2473 0.0759 0.0584 0.0002 0.0000 0.000 2016-09-21 13:00:00 3.9501 24.2473 0.0958 0.0584 0.0002 0.0000 0.000 2016-09-21 13:00:00 2.9306 24.2473 0.0711 0.0584 0.0002 0.0000 0.000 2016-09-21 13:45:00 2.8855 24.2473 0.0700 0.0584 0.0002 0.0000 0.000 2016-09-21 14:00:00 4.9286 24.2473 0.1197 0.0584 0.0003 0.0000 0.000 2016-09-21 14:15:00 4.9344 24.2473 0.1195 0.0584 0.0003 0.0000 0.000 2016-09-21 14:15:00 4.7934 24.2473 0.1162 0.0584 0.0003 0.0000 0.000 2016-09								
2016-09-21 12:30:00 2.3313 24.2473 0.0565 0.0584 0.0001 0.0000 0.000 2016-09-21 12:45:00 3.1282 24.2473 0.0759 0.0584 0.0002 0.0000 0.000 2016-09-21 13:00:00 3.9501 24.2473 0.0958 0.0584 0.0002 0.0000 0.000 2016-09-21 13:15:00 2.9306 24.2473 0.0711 0.0584 0.0002 0.0000 0.000 2016-09-21 13:30:00 2.8855 24.2473 0.0700 0.0584 0.0002 0.0000 0.000 2016-09-21 13:45:00 4.9366 24.2473 0.1197 0.0584 0.0003 0.0000 0.000 2016-09-21 14:00:00 4.9286 24.2473 0.1195 0.0584 0.0003 0.0000 0.000 2016-09-21 14:35:00 4.7934 24.2473 0.1162 0.0584 0.0003 0.0000 0.000 2016-09-21 14:35:00 3.5131 24.2473 0.0477 0.0584 0.0002 0.0000 0.000 2016-09								
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2016-09-21 17:00:00 1.5855 24.2473 0.0384 0.1730 0.0003 0.0000 0.000								0.0000
								0.0000
								0.0000
	2016-09-21 17:15:00	1.0561	24.2473	0.0256	0.1730	0.0002	0.0000	0.0000
								0.0000
								0.0000
								0.0000
								0.0000
2016-09-21 18:30:00 0.1878 24.2473 0.0046 0.1730 0.0000 0.0000 0.0000	2016-09-21 18:30:00	0.1878	24.2473	0.0046	0.1730	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-21 18:45:00	0.0184	24.2473	0.0004	0.1730	0.0000	0.0000	0.0000
2016-09-21 19:00:00	0.0789	24.2473	0.0019	0.1730	0.0000	0.0000	0.0000
2016-09-21 19:15:00	0.6047	24.2473	0.0147	0.1730	0.0001	0.0000	0.0000
2016-09-21 19:30:00	0.2373	24.2473	0.0058	0.1730	0.0000	0.0000	0.0000
2016-09-21 19:45:00	1.3833	24.2473	0.0335	0.1730	0.0002	0.0000	0.0000
2016-09-21 20:00:00	1.8466	24.2473	0.0448	0.1730	0.0003	0.0000	0.0000
2016-09-21 20:15:00	2.8063	24.2473	0.0680	0.1730	0.0005	0.0000	0.0000
2016-09-21 20:30:00	0.9267	24.2473	0.0225	0.1730	0.0002	0.0000	0.0000
2016-09-21 20:45:00	2.0281	24.2473	0.0492	0.1730	0.0004	0.0000	0.0000
2016-09-21 21:00:00	1.5614	24.2473	0.0379	0.1730	0.0003	0.0000	0.0000
2016-09-21 21:15:00	0.9800	24.2473	0.0238	0.1730	0.0002	0.0000	0.0000
2016-09-21 21:30:00	0.1159	24.2473	0.0028	0.1730	0.0000	0.0000	0.0000
2016-09-21 21:45:00	0.0790	24.2473	0.0019	0.1730	0.0000	0.0000	0.0000
2016-09-21 22:00:00	0.0000	24.2473	0.0000 0.0042	0.1730	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-21 22:15:00	0.1734	24.2473	0.0042	0.1730 0.1730			0.0000
2016-09-21 22:30:00	0.3254	24.2473	0.0079		0.0001	0.0000 0.0000	0.0000
2016-09-21 22:45:00	0.0000	24.2473		0.1730	0.0000		0.0000
2016-09-21 23:00:00 2016-09-21 23:15:00	0.0000	24.2473 24.2473	0.0000 0.0000	0.1730 0.1730	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-21 23:15:00	0.0000						
2016-09-21 23:30:00 2016-09-21 23:45:00	0.0000	24.2473 24.2473	0.0000 0.0000	0.1730 0.1730	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-21 23:45:00 2016-09-22 00:00:00	0.0000 0.0000	24.2473 24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 00:00:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 00:15:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 00:30:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 00:45:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 01:00:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 01:30:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 01:45:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 02:00:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 02:15:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 02:30:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 02:45:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 03:00:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 03:15:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 03:30:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 03:45:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 04:00:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 04:15:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 04:30:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 04:45:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 05:00:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 05:15:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 05:30:00	0.0190	24.2473	0.0005	0.1730	0.0000	0.0000	0.0000
2016-09-22 05:45:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 06:00:00	0.0212	24.2473	0.0005	0.1730	0.0000	0.0000	0.0000
2016-09-22 06:15:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 06:30:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 06:45:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 07:00:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 07:15:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 07:30:00	0.2490	24.2473	0.0060	0.1730	0.0000	0.0000	0.0000
2016-09-22 07:45:00	0.0206	24.2473	0.0005	0.1730	0.0000	0.0000	0.0000
2016-09-22 08:00:00	0.4052	24.2473	0.0098	0.1730	0.0001	0.0000	0.0000
2016-09-22 08:15:00	0.0357	24.2473	0.0009	0.1730	0.0000	0.0000	0.0000
2016-09-22 08:30:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 08:45:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 09:00:00	0.1297	24.2473	0.0031	0.1730	0.0000	0.0000	0.0000
2016-09-22 09:15:00	0.1158	24.2473	0.0028	0.1730	0.0000	0.0000	0.0000
2016-09-22 09:30:00	0.0614	24.2473	0.0015	0.1730	0.0000	0.0000	0.0000
2016-09-22 09:45:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 10:00:00	0.0000	24.2473	0.0000	0.1730	0.0000	0.0000	0.0000
2016-09-22 10:15:00	0.0807	24.2473	0.0020	0.1730	0.0000	0.0000	0.0000
2016-09-22 10:30:00	0.1949	24.2473	0.0047	0.1730	0.0000	0.0000	0.0000
2016-09-22 10:45:00	0.3067	24.2473	0.0074	0.1730	0.0001	0.0000	0.0000
2016-09-22 11:00:00	0.1817	24.2473	0.0044	0.1730	0.0000	0.0000	0.0000
2016-09-22 11:15:00	0.1277	24.2473	0.0031	0.1730	0.0000	0.0000	0.0000
2016-09-22 11:30:00	0.6258	24.2473	0.0152	0.1730	0.0001	0.0000	0.0000
2016-09-22 11:45:00	0.8432	24.2473	0.0204	0.1730	0.0001	0.0000	0.0000
2016-09-22 12:00:00	0.8131	24.2473	0.0197	0.1730	0.0001	0.0000	0.0000
2016-09-22 12:15:00	0.2887	24.2473	0.0070	0.1841	0.0001	0.0000	0.0000
2016-09-22 12:30:00	0.4679	24.2473	0.0113	0.2679	0.0001	0.0000	0.0000
2045 00 22 42 45 00	0.2477	24.2473	0.0060	0.2034	0.0001	0.0000	0.0000
2016-09-22 12:45:00	0.2						
2016-09-22 12:45:00 2016-09-22 13:00:00	1.5336	24.2473 24.2473	0.0372 0.0361	0.2863	0.0004	0.0000 0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-22 13:30:00	0.6929	24.2473	0.0168	0.2411	0.0002	0.0000	0.0000
2016-09-22 13:45:00	0.6893	24.2473	0.0167	0.2729	0.0002	0.0000	0.0000
2016-09-22 14:00:00	0.6635	24.2473	0.0161	0.2305	0.0002	0.0000	0.0000
2016-09-22 14:15:00	1.4984	24.2473	0.0363	0.1432	0.0002	0.0000	0.0000
2016-09-22 14:30:00	1.9853	24.2473	0.0481	0.1794	0.0004	0.0000	0.0000
2016-09-22 14:45:00	3.8322	24.2473	0.0929	0.2121	0.0008	0.0000	0.0000
2016-09-22 15:00:00	3.3971	24.2473	0.0824	0.1291	0.0004	0.0000	0.0000
2016-09-22 15:15:00	2.7559	24.2473	0.0668	0.1464	0.0004	0.0000	0.0000
2016-09-22 15:30:00	4.7222	24.2473	0.1145	0.2271	0.0011	0.0000	0.0000
2016-09-22 15:45:00	4.5445	24.2473	0.1102	0.1404	0.0006	0.0000	0.0000
2016-09-22 16:00:00	3.6915	24.2473	0.0895	0.0845	0.0003	0.0000	0.0000
2016-09-22 16:15:00	3.5695	24.2473	0.0866	0.0808	0.0003	0.0000	0.0000
2016-09-22 16:30:00	4.3763	24.2473	0.1061	0.0791	0.0003	0.0000	0.0000
2016-09-22 16:45:00	3.6292	24.2473	0.0880	0.1447	0.0005	0.0000	0.0000
2016-09-22 17:00:00	4.1237	24.2473	0.1000	0.0970	0.0004	0.0000	0.0000
2016-09-22 17:15:00	4.0283	24.2473	0.0977	0.1186	0.0005	0.0000	0.0000
2016-09-22 17:30:00	2.5625	24.2473	0.0621	0.1502	0.0004	0.0000	0.0000
2016-09-22 17:45:00 2016-09-22 18:00:00	1.8873	24.2473	0.0458	0.1936	0.0004	0.0000 0.0000	0.0000 0.0000
2016-09-22 18:00:00	2.0994	24.2473	0.0509	0.2107	0.0004 0.0004	0.0000	
	2.7378	24.2473	0.0664	0.1577	0.0004		0.0000 0.0000
2016-09-22 18:30:00 2016-09-22 18:45:00	1.8120 1.3521	24.2473 24.2473	0.0439 0.0328	0.1669 0.1538	0.0003	0.0000 0.0000	0.0000
2016-09-22 18:45:00	2.7878	24.2473	0.0328	0.1538	0.0002	0.0000	0.0000
2016-09-22 19:00:00	2.1191	24.2473	0.0514	0.1437	0.0004	0.0000	0.0000
2016-09-22 19:30:00	1.5389	24.2473	0.0314	0.2239	0.0003	0.0000	0.0000
2016-09-22 19:45:00	3.3013	24.2473	0.0800	0.1323	0.0005	0.0000	0.0000
2016-09-22 20:00:00	2.8483	24.2473	0.0691	0.1819	0.0005	0.0000	0.0000
2016-09-22 20:15:00	1.7864	24.2473	0.0433	0.1958	0.0003	0.0000	0.0000
2016-09-22 20:30:00	4.5624	24.2473	0.1106	0.1598	0.0007	0.0000	0.0000
2016-09-22 20:45:00	5.6075	24.2473	0.1360	0.0861	0.0005	0.0000	0.0000
2016-09-22 21:00:00	4.6804	24.2473	0.1135	0.1323	0.0006	0.0000	0.0000
2016-09-22 21:15:00	4.0759	24.2473	0.0988	0.1186	0.0005	0.0000	0.0000
2016-09-22 21:30:00	1.9396	24.2473	0.0470	0.1824	0.0004	0.0000	0.0000
2016-09-22 21:45:00	2.1662	24.2473	0.0525	0.1240	0.0003	0.0000	0.0000
2016-09-22 22:00:00	3.0371	24.2473	0.0736	0.2136	0.0006	0.0000	0.0000
2016-09-22 22:15:00	2.3304	24.2473	0.0565	0.2568	0.0006	0.0000	0.0000
2016-09-22 22:30:00	1.1402	24.2473	0.0276	0.2568	0.0003	0.0000	0.0000
2016-09-22 22:45:00	2.9486	24.2473	0.0715	0.1994	0.0006	0.0000	0.0000
2016-09-22 23:00:00	4.4515	24.2473	0.1079	0.1515	0.0007	0.0000	0.0000
2016-09-22 23:15:00	5.4695	24.2473	0.1326	0.1748	0.0010	0.0000	0.0000
2016-09-22 23:30:00	1.9368	24.2473	0.0470	0.1305	0.0003	0.0000	0.0000
2016-09-22 23:45:00	1.3926	24.2473	0.0338	0.1654	0.0002	0.0000	0.0000
2016-09-23 00:00:00	3.9012	24.2473	0.0946	0.0645	0.0003	0.0000	0.0000
2016-09-23 00:15:00	4.3470	24.2473	0.1054	0.0885	0.0004	0.0000	0.0000
2016-09-23 00:30:00	3.6942	24.2473	0.0896	0.0730	0.0003	0.0000	0.0000
2016-09-23 00:45:00	4.1679	24.2473	0.1011	0.1186	0.0005	0.0000	0.0000
2016-09-23 01:00:00	2.6678	24.2473	0.0647	0.1584	0.0004	0.0000	0.0000
2016-09-23 01:15:00	4.6494	24.2473	0.1127	0.0263	0.0001	0.0000	0.0000
2016-09-23 01:30:00	3.5675	24.2473	0.0865	0.0216	0.0001	0.0000	0.0000
2016-09-23 01:45:00	1.6987	24.2473	0.0412	0.1469	0.0002	0.0000	0.0000
2016-09-23 02:00:00	4.4097	24.2473	0.1069	0.0527	0.0002	0.0000	0.0000
2016-09-23 02:15:00	3.5370	24.2473	0.0858	0.0518	0.0002	0.0000	0.0000
2016-09-23 02:30:00	1.8153	24.2473	0.0440	0.1374	0.0002	0.0000	0.0000
2016-09-23 02:45:00	2.5992	24.2473	0.0630	0.1058	0.0003	0.0000	0.0000
2016-09-23 03:00:00	2.9126	24.2473	0.0706	0.0998	0.0003	0.0000	0.0000
2016-09-23 03:15:00	1.8166	24.2473	0.0440	0.1364	0.0002	0.0000	0.0000
2016-09-23 03:30:00	0.6690	24.2473	0.0162	0.1456	0.0001	0.0000	0.0000
2016-09-23 03:45:00	2.7517	24.2473	0.0667	0.0865	0.0002	0.0000	0.0000
2016-09-23 04:00:00	1.7247	24.2473	0.0418	0.1105	0.0002	0.0000	0.0000
2016-09-23 04:15:00	2.6831	24.2473	0.0651	0.0926	0.0002	0.0000	0.0000
2016-09-23 04:30:00	4.3816	24.2473	0.1062	0.0288	0.0001	0.0000	0.0000
2016-09-23 04:45:00	1.6913	24.2473	0.0410	0.0624	0.0001	0.0000	0.0000
2016-09-23 05:00:00	3.1934	24.2473	0.0774	0.0570	0.0002	0.0000	0.0000
2016-09-23 05:15:00	2.2585	24.2473	0.0548	0.0309	0.0001	0.0000	0.0000
2016-09-23 05:30:00	1.4106	24.2473	0.0342	0.0309	0.0000	0.0000	0.0000
2016-09-23 05:45:00	2.3646	24.2473	0.0573	0.0309	0.0001	0.0000	0.0000
2016-09-23 06:00:00	2.7716	24.2473	0.0672	0.0309	0.0001	0.0000	0.0000
2016-09-23 06:15:00	2.6456	24.2473	0.0641	0.0309	0.0001	0.0000	0.0000
2016-09-23 06:30:00	2.9928	24.2473	0.0726	0.0309	0.0001	0.0000	0.0000
2016-09-23 06:45:00	3.0234	24.2473	0.0733	0.0309	0.0001	0.0000	0.0000
2016-09-23 07:00:00	3.7861	24.2473	0.0918	0.0309	0.0001	0.0000	0.0000
2016-09-23 07:15:00	3.0451	24.2473	0.0738	0.0309	0.0001	0.0000	0.0000
2016-09-23 07:30:00	4.1915	24.2473	0.1016	0.0309	0.0001	0.0000	0.0000
2016-09-23 07:45:00	6.1838	24.2473	0.1499 0.1421	0.0309	0.0002	0.0000	0.0000 0.0000
2016-09-23 08:00:00	5.8605	24.2473		0.0309	0.0002	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	Acia Stack NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-23 08:15:00	5.4878	24.2473	0.1331	0.0309	0.0002	0.0000	0.0000
2016-09-23 08:30:00	4.1242	24.2473	0.1000	0.0309	0.0001	0.0000	0.0000
2016-09-23 08:45:00	4.6867	24.2473	0.1136	0.0309	0.0001	0.0000	0.0000
2016-09-23 09:00:00 2016-09-23 09:15:00	3.0044	24.2473	0.0728 0.0325	0.0309 0.0789	0.0001 0.0001	0.0000 0.0000	0.0000 0.0000
2016-09-23 09:15:00	1.3400 2.1324	24.2473 24.2473	0.0325	0.0789	0.0001	0.0000	0.0000
2016-09-23 09:45:00	3.5651	24.2473	0.0317	0.1435	0.0005	0.0000	0.0000
2016-09-23 10:00:00	3.7194	24.2473	0.0902	0.1435	0.0005	0.0000	0.0000
2016-09-23 10:15:00	4.9479	24.2473	0.1200	0.1351	0.0007	0.0000	0.0000
2016-09-23 10:30:00	3.2695	24.2473	0.0793	0.1366	0.0004	0.0000	0.0000
2016-09-23 10:45:00	4.5064	24.2473	0.1093	0.1421	0.0006	0.0000	0.0000
2016-09-23 11:00:00	4.1404	24.2473	0.1004	0.1744	0.0007	0.0000	0.0000
2016-09-23 11:15:00	2.8697	24.2473	0.0696	0.1744	0.0005	0.0000	0.0000
2016-09-23 11:30:00	2.9640	24.2473	0.0719	0.1206	0.0004	0.0000	0.0000
2016-09-23 11:45:00	2.1332	24.2473	0.0517	0.1274	0.0003	0.0000	0.0000
2016-09-23 12:00:00 2016-09-23 12:15:00	2.7725	24.2473 24.2473	0.0672 0.0590	0.0967	0.0003 0.0003	0.0000 0.0000	0.0000 0.0000
2016-09-23 12:15:00	2.4313 2.7995	24.2473	0.0590	0.1206 0.1088	0.0003	0.0000	0.0000
2016-09-23 12:45:00	2.4944	24.2473	0.0605	0.0453	0.0003	0.0000	0.0000
2016-09-23 13:00:00	2.7236	24.2473	0.0660	0.0872	0.0002	0.0000	0.0000
2016-09-23 13:15:00	4.1944	24.2473	0.1017	0.0836	0.0004	0.0000	0.0000
2016-09-23 13:30:00	4.8788	24.2473	0.1183	0.0577	0.0003	0.0000	0.0000
2016-09-23 13:45:00	5.1538	24.2473	0.1250	0.0348	0.0002	0.0000	0.0000
2016-09-23 14:00:00	5.3454	24.2473	0.1296	0.0838	0.0004	0.0000	0.0000
2016-09-23 14:15:00	4.7249	24.2473	0.1146	0.0838	0.0004	0.0000	0.0000
2016-09-23 14:30:00	5.6149	24.2473	0.1361	0.0838	0.0005	0.0000	0.0000
2016-09-23 14:45:00	4.8660	24.2473	0.1180	0.0925	0.0005	0.0000	0.0000
2016-09-23 15:00:00	5.0091	24.2473	0.1215	0.0633	0.0003	0.0000	0.0000
2016-09-23 15:15:00	4.3952	24.2473	0.1066	0.0807	0.0004	0.0000	0.0000
2016-09-23 15:30:00	5.1262	24.2473	0.1243	2.3135	0.0119	0.0000	0.0000
2016-09-23 15:45:00 2016-09-23 16:00:00	5.3481	24.2473	0.1297	4.2565	0.0228	0.0000 0.0000	0.0000 0.0000
2016-09-23 16:05:00	4.9735 3.9827	24.2473 24.2473	0.1206 0.0966	0.2133 0.0000	0.0011 0.0000	0.0000	0.0000
2016-09-23 16:30:00	2.6002	24.2473	0.0630	0.3293	0.0009	0.0000	0.0000
2016-09-23 16:45:00	2.7280	24.2473	0.0661	0.5680	0.0015	0.0000	0.0000
2016-09-23 17:00:00	4.3514	24.2473	0.1055	2.6535	0.0115	0.0000	0.0000
2016-09-23 17:15:00	5.6490	24.2473	0.1370	0.0000	0.0000	0.0000	0.0000
2016-09-23 17:30:00	5.3050	24.2473	0.1286	0.0000	0.0000	0.0000	0.0000
2016-09-23 17:45:00	5.0235	24.2473	0.1218	0.1308	0.0007	0.0000	0.0000
2016-09-23 18:00:00	4.6341	24.2473	0.1124	0.0575	0.0003	0.0000	0.0000
2016-09-23 18:15:00	4.9211	24.2473	0.1193	0.1032	0.0005	0.0000	0.0000
2016-09-23 18:30:00	3.7218	24.2473	0.0902	0.1302	0.0005	0.0000	0.0000
2016-09-23 18:45:00	4.0448	24.2473	0.0981	0.0606	0.0002	0.0000	0.0000
2016-09-23 19:00:00	4.5663	24.2473	0.1107	0.1209	0.0006	0.0000	0.0000
2016-09-23 19:15:00 2016-09-23 19:30:00	4.9607 3.9984	24.2473 24.2473	0.1203 0.0970	0.0433 0.1118	0.0002 0.0004	0.0000 0.0000	0.0000 0.0000
2016-09-23 19:45:00	4.9644	24.2473	0.1204	0.1118	0.0004	0.0000	0.0000
2016-09-23 20:00:00	4.0384	24.2473	0.0979	0.1304	0.0005	0.0000	0.0000
2016-09-23 20:15:00	4.1227	24.2473	0.1000	0.1087	0.0004	0.0000	0.0000
2016-09-23 20:30:00	4.4633	24.2473	0.1082	0.1115	0.0005	0.0000	0.0000
2016-09-23 20:45:00	3.4492	24.2473	0.0836	0.1835	0.0006	0.0000	0.0000
2016-09-23 21:00:00	3.5235	24.2473	0.0854	0.1324	0.0005	0.0000	0.0000
2016-09-23 21:15:00	4.5120	24.2473	0.1094	0.1824	0.0008	0.0000	0.0000
2016-09-23 21:30:00	5.3972	24.2473	0.1309	0.1165	0.0006	0.0000	0.0000
2016-09-23 21:45:00	4.8697	24.2473	0.1181	0.1784	0.0009	0.0000	0.0000
2016-09-23 22:00:00	3.9569	24.2473	0.0959	0.1716	0.0007	0.0000	0.0000
2016-09-23 22:15:00 2016-09-23 22:30:00	3.7728 1.5075	24.2473 24.2473	0.0915 0.0366	0.1916 0.1916	0.0007 0.0003	0.0000 0.0000	0.0000 0.0000
2016-09-23 22:30:00	0.1811	24.2473	0.0366	0.1916	0.0003	0.0000	0.0000
2016-09-23 22:45:00	1.8032	24.2473	0.0447	0.1916	0.0003	0.0000	0.0000
2016-09-23 23:15:00	3.5748	24.2473	0.0437	0.1916	0.0003	0.0000	0.0000
2016-09-23 23:30:00	4.7241	24.2473	0.1145	0.1916	0.0009	0.0000	0.0000
2016-09-23 23:45:00	5.0830	24.2473	0.1232	0.1314	0.0007	0.0000	0.0000
2016-09-24 00:00:00	5.1146	24.2473	0.1240	0.0790	0.0004	0.0000	0.0000
2016-09-24 00:15:00	6.0444	24.2473	0.1466	0.0790	0.0005	0.0000	0.0000
2016-09-24 00:30:00	6.2807	24.2473	0.1523	0.0790	0.0005	0.0000	0.0000
2016-09-24 00:45:00	6.9000	24.2473	0.1673	0.0790	0.0005	0.0000	0.0000
2016-09-24 01:00:00	6.7768	24.2473	0.1643	0.0790	0.0005	0.0000	0.0000
2016-09-24 01:15:00	7.1384	24.2473	0.1731	0.0790	0.0006	0.0000	0.0000
2016-09-24 01:30:00	7.7981	24.2473	0.1891	0.0790	0.0006	0.0000	0.0000
2016-09-24 01:45:00	7.9746	24.2473	0.1934	0.0790	0.0006	0.0000	0.0000
2016-09-24 02:00:00	7.3613	24.2473	0.1785	0.0790	0.0006	0.0000	0.0000
2016-09-24 02:15:00 2016-09-24 02:30:00	7.2340 7.6684	24.2473 24.2473	0.1754 0.1859	0.0790 0.0790	0.0006 0.0006	0.0000 0.0000	0.0000 0.0000
2016-09-24 02:30:00	7.2885	24.2473	0.1859	0.0790	0.0006	0.0000	0.0000
2010 03-24 02.43.00	7.2003	I 24.24/3	I 0.1/0/	3.0730	5.0000	J.0000	I 3.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-24 03:00:00	7.8643	24.2473	0.1907	0.0790	0.0006	0.0000	0.0000
2016-09-24 03:15:00	8.5188	24.2473	0.2066	0.0790	0.0007	0.0000	0.0000
2016-09-24 03:30:00	8.0665	24.2473	0.1956	0.0790	0.0006	0.0000	0.0000
2016-09-24 03:45:00	8.3368	24.2473	0.2021	0.0790	0.0007	0.0000	0.0000
2016-09-24 04:00:00	7.2491	24.2473	0.1758	0.0790	0.0006	0.0000	0.0000
2016-09-24 04:15:00	7.6385	24.2473	0.1852	0.0790	0.0006	0.0000	0.0000
2016-09-24 04:30:00	7.4323	24.2473	0.1802	0.0790	0.0006	0.0000	0.0000
2016-09-24 04:45:00	6.9548	24.2473	0.1686	0.0790	0.0005	0.0000	0.0000
2016-09-24 05:00:00	6.4789	24.2473	0.1571	0.0790	0.0005	0.0000	0.0000
2016-09-24 05:15:00	5.4073	24.2473	0.1311	0.0790	0.0004	0.0000	0.0000
2016-09-24 05:30:00	5.6499	24.2473	0.1370	0.0790	0.0004	0.0000	0.0000
2016-09-24 05:45:00	5.0009	24.2473	0.1213	0.0790	0.0004	0.0000	0.0000
2016-09-24 06:00:00	4.8175	24.2473	0.1168	0.0790	0.0004	0.0000	0.0000
2016-09-24 06:15:00	3.6177	24.2473	0.0877	0.0790	0.0003	0.0000	0.0000
2016-09-24 06:30:00	2.2677	24.2473	0.0550	0.0790	0.0002	0.0000	0.0000
2016-09-24 06:45:00	1.0127	24.2473	0.0246	0.0790	0.0001	0.0000	0.0000
2016-09-24 07:00:00	0.4951	24.2473	0.0120	0.0790	0.0000	0.0000	0.0000
2016-09-24 07:15:00 2016-09-24 07:30:00	0.0000	24.2473 24.2473	0.0000 0.0060	0.0790 0.0790	0.0000	0.0000 0.0000	0.0000 0.0000
2016-09-24 07:30:00	0.2493	24.2473		0.0790	0.0000 0.0000	0.0000	0.0000
2016-09-24 07:45:00	0.0555		0.0013 0.0252	0.0790	0.0000	0.0000	0.0000
2016-09-24 08:00:00	1.0380 1.6161	24.2473 24.2473	0.0252	0.0790	0.0001	0.0000	0.0000
2016-09-24 08:15:00	3.3567	24.2473	0.0392	0.0790	0.0001	0.0000	0.0000
2016-09-24 08:45:00	2.1539	24.2473	0.0522	0.0790	0.0003	0.0000	0.0000
2016-09-24 09:00:00	0.5273	24.2473	0.0322	0.0790	0.0002	0.0000	0.0000
2016-09-24 09:15:00	0.1814	24.2473	0.0044	0.0790	0.0000	0.0000	0.0000
2016-09-24 09:30:00	0.0181	24.2473	0.0004	0.0790	0.0000	0.0000	0.0000
2016-09-24 09:45:00	0.0000	24.2473	0.0000	0.0790	0.0000	0.0000	0.0000
2016-09-24 10:00:00	0.0000	24.2473	0.0000	0.0790	0.0000	0.0000	0.0000
2016-09-24 10:15:00	0.0000	24.2473	0.0000	0.0790	0.0000	0.0000	0.0000
2016-09-24 10:30:00	0.0000	24.2473	0.0000	0.1378	0.0000	0.0000	0.0000
2016-09-24 10:45:00	0.0191	24.2473	0.0005	0.2068	0.0000	0.0000	0.0000
2016-09-24 11:00:00	0.0000	24.2473	0.0000	0.1965	0.0000	0.0000	0.0000
2016-09-24 11:15:00	0.0376	24.2473	0.0009	0.0845	0.0000	0.0000	0.0000
2016-09-24 11:30:00	0.0612	24.2473	0.0015	0.0845	0.0000	0.0000	0.0000
2016-09-24 11:45:00	0.0000	24.2473	0.0000	0.0845	0.0000	0.0000	0.0000
2016-09-24 12:00:00	0.0000	24.2473	0.0000	0.0845	0.0000	0.0000	0.0000
2016-09-24 12:15:00	0.0000	24.2473	0.0000	0.0845	0.0000	0.0000	0.0000
2016-09-24 12:30:00	0.0000	24.2473	0.0000	0.0845	0.0000	0.0000	0.0000
2016-09-24 12:45:00	0.0000	24.2473	0.0000	0.0845	0.0000	0.0000	0.0000
2016-09-24 13:00:00	0.3652	24.2473	0.0089	0.0845	0.0000	0.0000	0.0000
2016-09-24 13:15:00	0.3208	24.2473	0.0078	0.0845	0.0000	0.0000	0.0000
2016-09-24 13:30:00	0.8339	24.2473	0.0202	0.1265	0.0001	0.0000	0.0000
2016-09-24 13:45:00	2.3043	24.2473	0.0559	0.0831	0.0002	0.0000	0.0000
2016-09-24 14:00:00	3.7025	24.2473	0.0898	0.1799	0.0007	0.0000	0.0000
2016-09-24 14:15:00	2.7364	24.2473	0.0663	0.1676	0.0005	0.0000	0.0000
2016-09-24 14:30:00	3.4989	24.2473	0.0848	0.0456	0.0002	0.0000	0.0000
2016-09-24 14:45:00	3.7203	24.2473	0.0902	0.0510	0.0002	0.0000	0.0000
2016-09-24 15:00:00	2.5049	24.2473	0.0607	0.0619	0.0002	0.0000	0.0000
2016-09-24 15:15:00	2.7689	24.2473	0.0671	0.0259	0.0001	0.0000	0.0000
2016-09-24 15:30:00	2.4616	24.2473	0.0597	0.0397	0.0001	0.0000	0.0000
2016-09-24 15:45:00	1.3179	24.2473	0.0320	0.0275	0.0000	0.0000	0.0000
2016-09-24 16:00:00	0.9052	24.2473	0.0219	0.0565	0.0001	0.0000	0.0000
2016-09-24 16:15:00	3.2082	24.2473	0.0778	0.0064	0.0000	0.0000	0.0000
2016-09-24 16:30:00	1.2030	24.2473	0.0292	0.0057	0.0000	0.0000	0.0000
2016-09-24 16:45:00	2.1178	24.2473	0.0514	0.0076	0.0000	0.0000	0.0000
2016-09-24 17:00:00	3.5810	24.2473	0.0868	0.0076	0.0000	0.0000	0.0000
2016-09-24 17:15:00	4.7771	24.2473	0.1158	0.0076	0.0000	0.0000	0.0000
2016-09-24 17:30:00	4.6557	24.2473	0.1129	0.0076	0.0000	0.0000	0.0000
2016-09-24 17:45:00	0.9337	24.2473	0.0226	0.1617	0.0002	0.0000	0.0000
2016-09-24 18:00:00	0.7005	24.2473	0.0170	0.2403	0.0002	0.0000	0.0000
2016-09-24 18:15:00	1.4632	24.2473	0.0355	0.1323	0.0002	0.0000	0.0000
2016-09-24 18:30:00	4.2514	24.2473	0.1031	0.1528	0.0006	0.0000	0.0000
2016-09-24 18:45:00	4.9960	24.2473	0.1211	0.2126	0.0011	0.0000	0.0000
2016-09-24 19:00:00	3.8194	24.2473	0.0926	0.1106	0.0004	0.0000	0.0000
2016-09-24 19:15:00	4.4682	24.2473	0.1083	0.1186	0.0005	0.0000	0.0000
2016-09-24 19:30:00	3.4704	24.2473	0.0841	0.1311	0.0005	0.0000	0.0000
2016-09-24 19:45:00	3.4652	24.2473	0.0840	0.1311	0.0005	0.0000	0.0000
2016-09-24 20:00:00	4.1332	24.2473	0.1002	0.1259	0.0005	0.0000	0.0000
2016-09-24 20:15:00	3.8636	24.2473	0.0937	0.1128	0.0004	0.0000	0.0000
2016-09-24 20:30:00	4.3910	24.2473	0.1065	0.1103	0.0005	0.0000	0.0000
2016-09-24 20:45:00	3.5821	24.2473	0.0869	0.1344	0.0005	0.0000	0.0000
2016-09-24 21:00:00	4.0970	24.2473	0.0993	0.1868	0.0008	0.0000	0.0000
2016-09-24 21:15:00	3.2807	24.2473	0.0795	0.1549	0.0005	0.0000	0.0000
2016-09-24 21:30:00	4.7581	24.2473	0.1154	0.1624	0.0008	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-24 21:45:00	3.9696	24.2473	0.0963	0.1656	0.0007	0.0000	0.0000
2016-09-24 22:00:00	4.5386	24.2473	0.1100	0.1620	0.0007	0.0000	0.0000
2016-09-24 22:15:00	4.8749	24.2473	0.1182	0.1640	0.0008	0.0000	0.0000
2016-09-24 22:30:00	4.8599	24.2473	0.1178	0.0700	0.0003	0.0000	0.0000
2016-09-24 22:45:00	3.8268	24.2473	0.0928	0.1266	0.0005	0.0000	0.0000
2016-09-24 23:00:00	4.9788	24.2473	0.1207	0.0647	0.0003	0.0000	0.0000
2016-09-24 23:15:00	3.9522	24.2473	0.0958	0.0973	0.0004	0.0000	0.0000
2016-09-24 23:30:00	5.1507	24.2473	0.1249	0.0793	0.0004	0.0000	0.0000
2016-09-24 23:45:00	4.5325	24.2473	0.1099	0.0928	0.0004	0.0000	0.0000
2016-09-25 00:00:00	5.0799	24.2473	0.1232	0.1080	0.0005	0.0000	0.0000
2016-09-25 00:15:00	4.6832	24.2473	0.1136	0.1114	0.0005	0.0000	0.0000
2016-09-25 00:30:00	2.6076	24.2473	0.0632	0.1311	0.0003	0.0000	0.0000
2016-09-25 00:45:00	0.9126	24.2473	0.0221	0.1302	0.0001	0.0000	0.0000
2016-09-25 01:00:00	2.8339	24.2473	0.0687	0.0972	0.0003	0.0000	0.0000
2016-09-25 01:15:00	2.3555	24.2473	0.0571	0.1146	0.0003	0.0000	0.0000
2016-09-25 01:30:00	2.7577	24.2473	0.0669	0.1138	0.0003	0.0000	0.0000
2016-09-25 01:45:00	4.0023	24.2473	0.0970	0.1377	0.0006	0.0000	0.0000
2016-09-25 02:00:00	4.3893	24.2473	0.1064	0.0151	0.0001	0.0000	0.0000
2016-09-25 02:15:00	4.1114	24.2473	0.0997	0.0226	0.0001	0.0000	0.0000
2016-09-25 02:30:00	4.1813	24.2473	0.1014	0.0144	0.0001	0.0000	0.0000
2016-09-25 02:45:00	3.9549	24.2473	0.0959	0.0144	0.0001	0.0000	0.0000
2016-09-25 03:00:00	2.7034	24.2473	0.0656	0.0536	0.0001	0.0000	0.0000
2016-09-25 03:15:00	2.5241	24.2473	0.0612	0.0993	0.0003	0.0000	0.0000
2016-09-25 03:30:00	3.3701	24.2473	0.0817	0.1130	0.0004	0.0000	0.0000
2016-09-25 03:45:00	3.8509	24.2473	0.0934	0.0185	0.0001	0.0000	0.0000
2016-09-25 04:00:00	1.2476	24.2473	0.0303	0.0185	0.0000	0.0000	0.0000
2016-09-25 04:15:00	1.7324	24.2473	0.0420	0.0185	0.0000	0.0000	0.0000
2016-09-25 04:30:00	1.5014	24.2473	0.0364	0.0185	0.0000	0.0000	0.0000
2016-09-25 04:45:00	1.5516	24.2473	0.0376	0.0185	0.0000	0.0000	0.0000
2016-09-25 05:00:00	0.1237	24.2473	0.0030	0.0185	0.0000	0.0000	0.0000
2016-09-25 05:15:00	0.3268	24.2473	0.0079	0.0185	0.0000	0.0000	0.0000
2016-09-25 05:30:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 05:45:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 06:00:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 06:15:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 06:30:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 06:45:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 07:00:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 07:15:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 07:30:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 07:45:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 08:00:00	0.0000	24.2473	0.0000	0.0185	0.0000	0.0000	0.0000
2016-09-25 08:15:00	0.0201	24.2473	0.0005	0.0185	0.0000	0.0000	0.0000
2016-09-25 08:30:00	0.0776	24.2473	0.0019	0.0185	0.0000	0.0000	0.0000
2016-09-25 08:45:00	0.0556	24.2473	0.0013	0.0185	0.0000	0.0000	0.0000
2016-09-25 09:00:00	0.0000	24.2473	0.0000	0.0738	0.0000	0.0000	0.0000
2016-09-25 09:15:00	0.0000	24.2473	0.0000	0.1339	0.0000	0.0000	0.0000
2016-09-25 09:30:00	0.0000	24.2473	0.0000	0.1339	0.0000	0.0000	0.0000
2016-09-25 09:45:00	0.0179	24.2473	0.0004	0.1339	0.0000	0.0000	0.0000
2016-09-25 10:00:00	0.0000	24.2473	0.0000	0.1339	0.0000	0.0000	0.0000
2016-09-25 10:15:00	0.0000	24.2473	0.0000	0.1339	0.0000	0.0000	0.0000
2016-09-25 10:30:00	0.1445	24.2473	0.0035	0.1339	0.0000	0.0000	0.0000
2016-09-25 10:45:00	0.8270	24.2473	0.0201	0.1339	0.0001	0.0000	0.0000
2016-09-25 11:00:00	0.2860	24.2473	0.0069	0.1339	0.0000	0.0000	0.0000
2016-09-25 11:15:00	0.5138	24.2473	0.0125	0.1339	0.0001	0.0000	0.0000
2016-09-25 11:30:00	0.3878	24.2473	0.0094	0.1339	0.0001	0.0000	0.0000
2016-09-25 11:45:00	1.4751	24.2473	0.0358	0.1339	0.0002	0.0000	0.0000
2016-09-25 12:00:00	1.7004	24.2473	0.0412	0.2235	0.0004	0.0000	0.0000
2016-09-25 12:15:00	1.4400	24.2473	0.0349	0.2195	0.0003	0.0000	0.0000
2016-09-25 12:30:00	1.5727	24.2473	0.0381	0.0955	0.0002	0.0000	0.0000
2016-09-25 12:45:00	1.9562	24.2473	0.0474	0.1215	0.0002	0.0000	0.0000
2016-09-25 13:00:00	2.3677	24.2473	0.0574	0.1582	0.0004	0.0000	0.0000
2016-09-25 13:15:00	2.1296	24.2473	0.0516	0.1119	0.0002	0.0000	0.0000
2016-09-25 13:30:00	2.0646	24.2473	0.0501	0.1119	0.0002	0.0000	0.0000
2016-09-25 13:45:00	2.2611	24.2473	0.0548	0.1080	0.0002	0.0000	0.0000
2016-09-25 14:00:00	3.4102	24.2473	0.0827	0.1136	0.0004	0.0000	0.0000
2016-09-25 14:15:00	4.6370	24.2473	0.1124	0.1082	0.0005	0.0000	0.0000
2016-09-25 14:30:00	4.9347	24.2473	0.1197	0.0755	0.0004	0.0000	0.0000
2016-09-25 14:45:00	3.6047	24.2473	0.0874	0.5718	0.0021	0.0000	0.0000
2016 00 25 15,00,00	5.8605	24.2473	0.1421	0.0000	0.0000	0.0000	0.0000
2016-09-25 15:00:00	5.5203	24.2473	0.1339	0.0000	0.0000	0.0000	0.0000
2016-09-25 15:00:00	3.3203	24.2473					
	4.9938	24.2473	0.1211	0.1793	0.0009	0.0000	0.0000
2016-09-25 15:15:00			0.1211 0.1264	0.1793 0.1550	0.0009 0.0008	0.0000 0.0000	0.0000 0.0000
2016-09-25 15:15:00 2016-09-25 15:30:00	4.9938	24.2473					

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-25 16:30:00	5.6330	24.2473	0.1366	4.5913	0.0259	0.0000	0.0000
2016-09-25 16:45:00	5.6497	24.2473	0.1370	4.4488	0.0251	0.0000	0.0000
2016-09-25 17:00:00	6.2798	24.2473	0.1523	4.4488	0.0279	0.0000	0.0000
2016-09-25 17:15:00	6.2837	24.2473	0.1524	3.8200	0.0240	0.0000	0.0000
2016-09-25 17:30:00	6.0098	24.2473	0.1457	3.4263	0.0206	0.0000	0.0000
2016-09-25 17:45:00	5.8153	24.2473	0.1410	1.2418	0.0072	0.0000	0.0000
2016-09-25 18:00:00	5.6875	24.2473	0.1379	2.0495	0.0117	0.0000	0.0000
2016-09-25 18:15:00	6.3621	24.2473	0.1543	0.0000	0.0000	0.0000	0.0000
2016-09-25 18:30:00	4.7848	24.2473	0.1160	0.0551	0.0003	0.0000	0.0000
2016-09-25 18:45:00	5.6768	24.2473	0.1376	0.0842	0.0005	0.0000	0.0000
2016-09-25 19:00:00	6.0028	24.2473	0.1456	0.0896	0.0005	0.0000	0.0000
2016-09-25 19:15:00	5.5984	24.2473	0.1357	0.0599	0.0003	0.0000	0.0000
2016-09-25 19:30:00	6.0676	24.2473	0.1471	0.0082	0.0000	0.0000	0.0000
2016-09-25 19:45:00	5.5678	24.2473	0.1350	0.0393	0.0002	0.0000	0.0000
2016-09-25 20:00:00	5.7927	24.2473	0.1405	0.0327	0.0002	0.0000	0.0000
2016-09-25 20:15:00	6.2777	24.2473	0.1522	0.1174	0.0007	0.0000	0.0000
2016-09-25 20:30:00	5.1813	24.2473	0.1256	0.1113	0.0006	0.0000	0.0000
2016-09-25 20:45:00 2016-09-25 21:00:00	3.9439	24.2473 24.2473	0.0956	0.0945 0.0721	0.0004	0.0000 0.0000	0.0000 0.0000
2016-09-25 21:00:00	4.8918		0.1186	0.0721	0.0004 0.0003	0.0000	
	5.6458	24.2473	0.1369 0.0833	0.0431	0.0003		0.0000 0.0000
2016-09-25 21:30:00 2016-09-25 21:45:00	3.4342 4.9237	24.2473 24.2473	0.0833	0.1077	0.0004	0.0000 0.0000	0.0000
2016-09-25 21:45:00	4.9237 3.2022	24.2473	0.1194	0.0953	0.0003	0.0000	0.0000
2016-09-25 22:00:00	3.5471	24.2473	0.0776	0.1089	0.0003	0.0000	0.0000
2016-09-25 22:15:00	2.7100	24.2473	0.0657	0.0973	0.0003	0.0000	0.0000
2016-09-25 22:45:00	4.0325	24.2473	0.0978	0.0406	0.0003	0.0000	0.0000
2016-09-25 23:00:00	3.4635	24.2473	0.0840	0.1044	0.0004	0.0000	0.0000
2016-09-25 23:15:00	5.3499	24.2473	0.1297	0.0000	0.0000	0.0000	0.0000
2016-09-25 23:30:00	5.0881	24.2473	0.1234	0.0000	0.0000	0.0000	0.0000
2016-09-25 23:45:00	5.5843	24.2473	0.1354	0.0000	0.0000	0.0000	0.0000
2016-09-26 00:00:00	5.9148	24.2473	0.1434	0.0000	0.0000	0.0000	0.0000
2016-09-26 00:15:00	5.6646	24.2473	0.1374	0.0000	0.0000	0.0000	0.0000
2016-09-26 00:30:00	5.6364	24.2473	0.1367	0.0000	0.0000	0.0000	0.0000
2016-09-26 00:45:00	4.8740	24.2473	0.1182	0.0516	0.0003	0.0000	0.0000
2016-09-26 01:00:00	5.4709	24.2473	0.1327	0.0419	0.0002	0.0000	0.0000
2016-09-26 01:15:00	5.0660	24.2473	0.1228	0.0419	0.0002	0.0000	0.0000
2016-09-26 01:30:00	3.7353	24.2473	0.0906	0.0419	0.0002	0.0000	0.0000
2016-09-26 01:45:00	3.4285	24.2473	0.0831	0.0419	0.0001	0.0000	0.0000
2016-09-26 02:00:00	4.3514	24.2473	0.1055	0.0419	0.0002	0.0000	0.0000
2016-09-26 02:15:00	4.3174	24.2473	0.1047	0.0419	0.0002	0.0000	0.0000
2016-09-26 02:30:00	3.2161	24.2473	0.0780	0.0419	0.0001	0.0000	0.0000
2016-09-26 02:45:00	2.3087	24.2473	0.0560	0.0419	0.0001	0.0000	0.0000
2016-09-26 03:00:00	1.9049	24.2473	0.0462	0.0419	0.0001	0.0000	0.0000
2016-09-26 03:15:00	0.2097	24.2473	0.0051	0.0419	0.0000	0.0000	0.0000
2016-09-26 03:30:00	0.0800	24.2473	0.0019	0.0419	0.0000	0.0000	0.0000
2016-09-26 03:45:00	1.0186	24.2473	0.0247	0.0419	0.0000	0.0000	0.0000
2016-09-26 04:00:00	1.2882	24.2473	0.0312	0.0419	0.0001	0.0000	0.0000
2016-09-26 04:15:00	0.9745	24.2473	0.0236	0.0419	0.0000	0.0000	0.0000
2016-09-26 04:30:00	1.5490	24.2473	0.0376	0.0419	0.0001	0.0000	0.0000
2016-09-26 04:45:00	2.1636	24.2473	0.0525	0.0419	0.0001	0.0000	0.0000
2016-09-26 05:00:00	1.2081	24.2473	0.0293	0.0419	0.0001	0.0000	0.0000
2016-09-26 05:15:00	0.8733	24.2473	0.0212	0.0419	0.0000	0.0000	0.0000
2016-09-26 05:30:00	0.0000	24.2473	0.0000	0.0419	0.0000	0.0000	0.0000
2016-09-26 05:45:00	0.1984	24.2473	0.0048	0.0419	0.0000	0.0000	0.0000
2016-09-26 06:00:00	0.0785	24.2473	0.0019	0.0419	0.0000	0.0000	0.0000
2016-09-26 06:15:00	0.0210	24.2473	0.0005	0.0419	0.0000	0.0000	0.0000
2016-09-26 06:30:00	0.0369	24.2473	0.0009	0.0419	0.0000	0.0000	0.0000
2016-09-26 06:45:00	0.0194	24.2473	0.0005	0.0419	0.0000	0.0000	0.0000
2016-09-26 07:00:00	0.0206	24.2473	0.0005	0.0419	0.0000	0.0000	0.0000
2016-09-26 07:15:00	0.0000	24.2473	0.0000	0.0419	0.0000	0.0000	0.0000
2016-09-26 07:30:00	0.0000	24.2473	0.0000	0.0419	0.0000	0.0000	0.0000
2016-09-26 07:45:00	0.0952	24.2473	0.0023	0.0419	0.0000	0.0000	0.0000
2016-09-26 08:00:00	0.1113	24.2473	0.0027	0.0419	0.0000	0.0000	0.0000
2016-09-26 08:15:00	0.2755	24.2473	0.0067	0.0419	0.0000	0.0000	0.0000
2016-09-26 08:30:00	1.8775	24.2473	0.0455	0.0419	0.0001	0.0000	0.0000
2016-09-26 08:45:00	3.0031	24.2473	0.0728	0.0419	0.0001	0.0000	0.0000
2016-09-26 09:00:00	1.7801	24.2473	0.0432	0.0419	0.0001	0.0000	0.0000
2016-09-26 09:15:00	0.8173	24.2473	0.0198	0.0419	0.0000	0.0000	0.0000
2016-09-26 09:30:00	0.2446	24.2473	0.0059	0.0419	0.0000	0.0000	0.0000
2016-09-26 09:45:00	0.4197	24.2473	0.0102	0.0419	0.0000	0.0000	0.0000
2016-09-26 10:00:00	0.8593	24.2473	0.0208	0.0419	0.0000	0.0000	0.0000
2016-09-26 10:15:00	1.9139	24.2473	0.0464	0.0419	0.0001	0.0000	0.0000
2016-09-26 10:30:00	5.3452	24.2473	0.1296	0.0419	0.0002	0.0000	0.0000
2016-09-26 10:45:00	2.1198	24.2473	0.0514	0.1051	0.0002	0.0000	0.0000
2016-09-26 11:00:00	1.9742	24.2473	0.0479	0.1600	0.0003	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-26 11:15:00	1.0177	24.2473	0.0247	0.1600	0.0002	0.0000	0.0000
2016-09-26 11:30:00	0.3941	24.2473	0.0096	0.1600	0.0001	0.0000	0.0000
2016-09-26 11:45:00	0.0207	24.2473	0.0005	0.1600	0.0000	0.0000	0.0000
2016-09-26 12:00:00	0.0803	24.2473	0.0019	0.1600	0.0000	0.0000	0.0000
2016-09-26 12:15:00	0.0000	24.2473	0.0000	0.1600	0.0000	0.0000	0.0000
2016-09-26 12:30:00	0.0956	24.2473	0.0023	0.0939	0.0000	0.0000	0.0000
2016-09-26 12:45:00	0.1653	24.2473	0.0040	0.0460	0.0000	0.0000	0.0000
2016-09-26 13:00:00	0.2084	24.2473	0.0051	0.0460	0.0000	0.0000	0.0000
2016-09-26 13:15:00	0.0225	24.2473	0.0005	0.0460	0.0000	0.0000	0.0000
2016-09-26 13:30:00	0.1513	24.2473	0.0037	0.0460	0.0000	0.0000	0.0000
2016-09-26 13:45:00	0.5927	24.2473	0.0144	0.0460	0.0000	0.0000	0.0000
2016-09-26 14:00:00	0.5530	24.2473	0.0134	0.0460	0.0000	0.0000	0.0000
2016-09-26 14:15:00	0.2284	24.2473	0.0055	0.0460	0.0000	0.0000	0.0000
2016-09-26 14:30:00	0.6282	24.2473	0.0152	0.1062	0.0001	0.0000	0.0000
2016-09-26 14:45:00	0.8187	24.2473	0.0199	0.1586	0.0001	0.0000	0.0000
2016-09-26 15:00:00	0.7014	24.2473	0.0170	0.1586	0.0001	0.0000	0.0000
2016-09-26 15:15:00	1.3289	24.2473	0.0322	0.1586	0.0002	0.0000	0.0000
2016-09-26 15:30:00 2016-09-26 15:45:00	0.7764	24.2473	0.0188 0.0358	0.1586	0.0001	0.0000 0.0000	0.0000 0.0000
2016-09-26 15:45:00	1.4784	24.2473		0.1705	0.0003 0.0001	0.0000	
2016-09-26 16:00:00	1.2122	24.2473	0.0294 0.0065	0.0773	0.0001	0.0000	0.0000 0.0000
2016-09-26 16:15:00	0.2699 0.4574	24.2473 24.2473	0.0065	0.0841 0.0156	0.0000	0.0000	0.0000
2016-09-26 16:30:00	0.4455	24.2473	0.0111	0.0156	0.0000	0.0000	0.0000
2016-09-26 16:45:00	0.4455	24.2473	0.0108	0.0819	0.0000	0.0000	0.0000
2016-09-26 17:15:00	1.9077	24.2473	0.0039	0.1309	0.0000	0.0000	0.0000
2016-09-26 17:30:00	1.7290	24.2473	0.0419	0.1070	0.0002	0.0000	0.0000
2016-09-26 17:45:00	1.0673	24.2473	0.0259	0.2295	0.0002	0.0000	0.0000
2016-09-26 18:00:00	1.5898	24.2473	0.0385	0.1975	0.0003	0.0000	0.0000
2016-09-26 18:15:00	2.6348	24.2473	0.0639	0.2079	0.0005	0.0000	0.0000
2016-09-26 18:30:00	1.8404	24.2473	0.0446	0.2232	0.0004	0.0000	0.0000
2016-09-26 18:45:00	1.6934	24.2473	0.0411	0.2232	0.0004	0.0000	0.0000
2016-09-26 19:00:00	1.5282	24.2473	0.0371	0.2232	0.0003	0.0000	0.0000
2016-09-26 19:15:00	1.4454	24.2473	0.0350	0.2232	0.0003	0.0000	0.0000
2016-09-26 19:30:00	1.0996	24.2473	0.0267	0.2232	0.0002	0.0000	0.0000
2016-09-26 19:45:00	0.5272	24.2473	0.0128	0.2232	0.0001	0.0000	0.0000
2016-09-26 20:00:00	0.5496	24.2473	0.0133	0.2232	0.0001	0.0000	0.0000
2016-09-26 20:15:00	0.2576	24.2473	0.0062	0.2232	0.0001	0.0000	0.0000
2016-09-26 20:30:00	0.0586	24.2473	0.0014	0.2232	0.0000	0.0000	0.0000
2016-09-26 20:45:00	0.0999	24.2473	0.0024	0.2232	0.0000	0.0000	0.0000
2016-09-26 21:00:00	0.2541	24.2473	0.0062	0.2232	0.0001	0.0000	0.0000
2016-09-26 21:15:00	0.0571	24.2473	0.0014	0.2232	0.0000	0.0000	0.0000
2016-09-26 21:30:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-26 21:45:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-26 22:00:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-26 22:15:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-26 22:30:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-26 22:45:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-26 23:00:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-26 23:15:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-26 23:30:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-26 23:45:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 00:00:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 00:15:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 00:30:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 00:45:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 01:00:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 01:15:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 01:30:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 01:45:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 02:00:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 02:15:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 02:30:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 02:45:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 03:00:00	0.0000	24.2473	0.0000	0.2232	0.0000	0.0000	0.0000
2016-09-27 03:15:00	0.0000	24.2473	0.0000	0.1513	0.0000	0.0000	0.0000
2016-09-27 03:30:00	0.0000	24.2473	0.0000	0.1064	0.0000	0.0000	0.0000
2016-09-27 03:45:00	0.0000	24.2473	0.0000	0.1064	0.0000	0.0000	0.0000
2016-09-27 04:00:00	0.0000	24.2473	0.0000	0.1064	0.0000	0.0000	0.0000
2016-09-27 04:15:00	0.0000	24.2473	0.0000	0.1064	0.0000	0.0000	0.0000
2016-09-27 04:30:00	0.0000	24.2473	0.0000	0.1064	0.0000	0.0000	0.0000
2016-09-27 04:45:00	0.0000	24.2473	0.0000	0.1064	0.0000	0.0000	0.0000
2016-09-27 05:00:00	0.3704	24.2473	0.0090	0.1064	0.0000	0.0000	0.0000
2016-09-27 05:15:00	1.8473	24.2473	0.0448	0.1064	0.0002	0.0000	0.0000
2016-09-27 05:30:00	0.2956	24.2473	0.0072	0.1064	0.0000	0.0000	0.0000
2016-09-27 05:45:00	0.9458	24.2473	0.0229	0.1064	0.0001	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-27 06:00:00	0.1683	24.2473	0.0041	0.1064	0.0000	0.0000	0.0000
2016-09-27 06:15:00	0.0820	24.2473	0.0020	0.1064	0.0000	0.0000	0.0000
2016-09-27 06:30:00	0.1394	24.2473	0.0034	0.1064	0.0000	0.0000	0.0000
2016-09-27 06:45:00	0.0560	24.2473	0.0014	0.1064	0.0000	0.0000	0.0000
2016-09-27 07:00:00	0.0000	24.2473	0.0000	0.1064	0.0000	0.0000	0.0000
2016-09-27 07:15:00	0.0000	24.2473	0.0000	0.1528	0.0000	0.0000	0.0000
2016-09-27 07:30:00	0.0386	24.2473	0.0009	0.2211	0.0000	0.0000	0.0000
2016-09-27 07:45:00	0.3725	24.2473	0.0090	0.2211	0.0001	0.0000	0.0000
2016-09-27 08:00:00	0.8474	24.2473	0.0205	0.2211	0.0002	0.0000	0.0000
2016-09-27 08:15:00	0.4252	24.2473	0.0103	0.2211	0.0001	0.0000	0.0000
2016-09-27 08:30:00	1.9784	24.2473	0.0480	0.2211	0.0004	0.0000	0.0000
2016-09-27 08:45:00	3.0794	24.2473	0.0747	0.2211	0.0007	0.0000	0.0000
2016-09-27 09:00:00	4.0284	24.2473	0.0977	0.2211	0.0009	0.0000	0.0000
2016-09-27 09:15:00	2.7274	24.2473	0.0661	0.2211	0.0006 0.0003	0.0000 0.0000	0.0000
2016-09-27 09:30:00	2.1564	24.2473	0.0523 0.0305	0.1352			0.0000
2016-09-27 09:45:00	1.2588	24.2473		0.1071	0.0001	0.0000	0.0000
2016-09-27 10:00:00	1.3179	24.2473 24.2473	0.0320 0.0466	0.1071 0.1071	0.0001 0.0002	0.0000 0.0000	0.0000
2016-09-27 10:15:00	1.9213				0.0002		
2016-09-27 10:30:00	4.0228	24.2473	0.0975	0.1071		0.0000	0.0000
2016-09-27 10:45:00 2016-09-27 11:00:00	3.3486	24.2473 24.2473	0.0812 0.0807	0.1071 0.1071	0.0004 0.0004	0.0000 0.0000	0.0000
2016-09-27 11:00:00 2016-09-27 11:15:00	3.3269	24.2473 24.2473	0.0807	0.1071 0.1071	0.0004	0.0000	0.0000
	3.599 <u>1</u> 3.0805	24.2473 24.2473	0.0873	0.1071 0.1071	0.0004	0.0000	0.0000
2016-09-27 11:30:00 2016-09-27 11:45:00	3.0805 1.0513	24.2473 24.2473	0.0747	0.1071 0.1071	0.0003	0.0000	0.0000
2016-09-27 11:45:00 2016-09-27 12:00:00	1.0513 0.9508	24.2473 24.2473	0.0255	0.1071 0.1071	0.0001	0.0000	0.0000
2016-09-27 12:00:00	0.9890	24.2473	0.0231	0.1071	0.0001	0.0000	0.0000
2016-09-27 12:13:00	1.0646	24.2473	0.0240	0.1071	0.0001	0.0000	0.0000
2016-09-27 12:30:00	0.7841	24.2473	0.0258	0.1071	0.0001	0.0000	0.0000
2016-09-27 12:43:00	0.7841	24.2473	0.0190	0.1071	0.0001	0.0000	0.0000
2016-09-27 13:00:00	0.2031	24.2473	0.0078	0.1071	0.0000	0.0000	0.0000
2016-09-27 13:13:00	0.2731	24.2473	0.0049	0.1071	0.0000	0.0000	0.0000
2016-09-27 13:45:00	0.1475	24.2473	0.0036	0.1071	0.0000	0.0000	0.0000
2016-09-27 14:00:00	0.0000	24.2473	0.0000	0.1071	0.0000	0.0000	0.0000
2016-09-27 14:15:00	0.0998	24.2473	0.0024	0.1999	0.0000	0.0000	0.0000
2016-09-27 14:30:00	0.1517	24.2473	0.0027	0.2259	0.0000	0.0000	0.0000
2016-09-27 14:45:00	0.7691	24.2473	0.0186	0.2259	0.0002	0.0000	0.0000
2016-09-27 15:00:00	0.3522	24.2473	0.0085	0.2259	0.0001	0.0000	0.0000
2016-09-27 15:15:00	0.5211	24.2473	0.0126	0.2259	0.0001	0.0000	0.0000
2016-09-27 15:30:00	0.6799	24.2473	0.0125	0.2259	0.0002	0.0000	0.0000
2016-09-27 15:45:00	2.5026	24.2473	0.0607	0.2259	0.0006	0.0000	0.0000
2016-09-27 16:00:00	4.4528	24.2473	0.1080	0.2259	0.0010	0.0000	0.0000
2016-09-27 16:15:00	4.3589	24.2473	0.1057	0.2259	0.0010	0.0000	0.0000
2016-09-27 16:30:00	4.4874	24.2473	0.1088	0.2259	0.0010	0.0000	0.0000
2016-09-27 16:45:00	4.2559	24.2473	0.1032	0.2259	0.0010	0.0000	0.0000
2016-09-27 17:00:00	2.2789	24.2473	0.0553	0.2259	0.0005	0.0000	0.0000
2016-09-27 17:15:00	2.4430	24.2473	0.0592	0.2259	0.0006	0.0000	0.0000
2016-09-27 17:30:00	1.5535	24.2473	0.0377	0.2259	0.0004	0.0000	0.0000
2016-09-27 17:45:00	1.0070	24.2473	0.0244	0.2259	0.0002	0.0000	0.0000
2016-09-27 18:00:00	0.5562	24.2473	0.0135	0.2259	0.0001	0.0000	0.0000
2016-09-27 18:15:00	0.4924	24.2473	0.0119	0.2259	0.0001	0.0000	0.0000
2016-09-27 18:30:00	1.0711	24.2473	0.0260	0.2259	0.0002	0.0000	0.0000
2016-09-27 18:45:00	1.0451	24.2473	0.0253	0.2259	0.0002	0.0000	0.0000
2016-09-27 19:00:00	0.6071	24.2473	0.0147	0.2259	0.0001	0.0000	0.0000
2016-09-27 19:15:00	0.1739	24.2473	0.0042	0.2259	0.0000	0.0000	0.0000
2016-09-27 19:30:00	0.0366	24.2473	0.0009	0.2259	0.0000	0.0000	0.0000
2016-09-27 19:45:00	0.1219	24.2473	0.0030	0.2259	0.0000	0.0000	0.0000
2016-09-27 20:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-27 20:15:00	0.0579	24.2473	0.0014	0.2259	0.0000	0.0000	0.0000
2016-09-27 20:30:00	0.0189	24.2473	0.0005	0.2259	0.0000	0.0000	0.0000
2016-09-27 20:45:00	0.1027	24.2473	0.0025	0.2259	0.0000	0.0000	0.0000
2016-09-27 21:00:00	0.0301	24.2473	0.0007	0.2259	0.0000	0.0000	0.0000
2016-09-27 21:15:00	0.0971	24.2473	0.0024	0.2259	0.0000	0.0000	0.0000
2016-09-27 21:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-27 21:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-27 22:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-27 22:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-27 22:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-27 22:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-27 23:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-27 23:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-27 23:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
I	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-27 23:45:00							
2016-09-27 23:45:00 2016-09-28 00:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
		24.2473 24.2473	0.0000 0.0000	0.2259 0.2259	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-28 00:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 01:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 01:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 01:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 01:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 02:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 02:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 02:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 02:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 03:00:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 03:15:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 03:30:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 03:45:00	0.0000	24.2473	0.0000	0.2259	0.0000	0.0000	0.0000
2016-09-28 04:00:00	0.0000	24.2473	0.0000	0.2259 0.2259	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-28 04:15:00	0.0000	24.2473	0.0000				
2016-09-28 04:30:00	0.0000	24.2473	0.0000	0.1214	0.0000	0.0000 0.0000	0.0000
2016-09-28 04:45:00	0.4181	24.2473	0.0101	0.1133	0.0000		0.0000
2016-09-28 05:00:00 2016-09-28 05:15:00	1.6320	24.2473 24.2473	0.0396 0.0364	0.1133 0.1133	0.0002 0.0002	0.0000 0.0000	0.0000
	1.5030	24.2473					
2016-09-28 05:30:00 2016-09-28 05:45:00	2.5909 1.7268	24.2473	0.0628 0.0419	0.1133 0.1133	0.0003 0.0002	0.0000 0.0000	0.0000
2016-09-28 05:45:00 2016-09-28 06:00:00	1.0269	24.2473	0.0419	0.1133	0.0002	0.0000	0.0000
2016-09-28 06:00:00	1.0269 3.2302	24.2473 24.2473	0.0249	0.1133	0.0001	0.0000	0.0000
2016-09-28 06:15:00	3.5823	24.2473	0.0783	0.1133	0.0004	0.0000	0.0000
2016-09-28 06:30:00	3.5623 2.5487	24.2473	0.0618	0.1133	0.0004	0.0000	0.0000
2016-09-28 06:45:00	2.4650	24.2473	0.0518	0.1133	0.0003	0.0000	0.0000
2016-09-28 07:00:00	2.7433	24.2473	0.0598	0.1133	0.0003	0.0000	0.0000
2016-09-28 07:30:00	4.0730	24.2473	0.0988	0.1133	0.0005	0.0000	0.0000
2016-09-28 07:45:00	3.3297	24.2473	0.0807	0.1133	0.0003	0.0000	0.0000
2016-09-28 08:00:00	1.2994	24.2473	0.0315	0.1133	0.0004	0.0000	0.0000
2016-09-28 08:15:00	2.8489	24.2473	0.0691	0.1133	0.0003	0.0000	0.0000
2016-09-28 08:30:00	2.3388	24.2473	0.0567	0.1133	0.0003	0.0000	0.0000
2016-09-28 08:45:00	3.0743	24.2473	0.0745	0.1133	0.0003	0.0000	0.0000
2016-09-28 09:00:00	4.2055	24.2473	0.1020	0.1133	0.0005	0.0000	0.0000
2016-09-28 09:15:00	1.0503	24.2473	0.0255	0.1133	0.0001	0.0000	0.0000
2016-09-28 09:30:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-28 09:45:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-28 10:00:00	0.0000	24.2473	0.0000	0.1133	0.0000	0.0000	0.0000
2016-09-28 10:15:00	0.1345	24.2473	0.0033	0.1133	0.0000	0.0000	0.0000
2016-09-28 10:30:00	0.2075	24.2473	0.0050	0.1133	0.0000	0.0000	0.0000
2016-09-28 10:45:00	0.1971	24.2473	0.0048	0.1133	0.0000	0.0000	0.0000
2016-09-28 11:00:00	0.5260	24.2473	0.0128	0.1133	0.0001	0.0000	0.0000
2016-09-28 11:15:00	0.9778	24.2473	0.0237	0.1133	0.0001	0.0000	0.0000
2016-09-28 11:30:00	1.1941	24.2473	0.0290	0.1133	0.0001	0.0000	0.0000
2016-09-28 11:45:00	1.7882	24.2473	0.0434	0.1133	0.0002	0.0000	0.0000
2016-09-28 12:00:00	3.0424	24.2473	0.0738	0.1133	0.0003	0.0000	0.0000
2016-09-28 12:15:00	2.6278	24.2473	0.0637	0.1133	0.0003	0.0000	0.0000
2016-09-28 12:30:00	2.3989	24.2473	0.0582	0.1133	0.0003	0.0000	0.0000
2016-09-28 12:45:00	2.3882	24.2473	0.0579	0.1133	0.0003	0.0000	0.0000
2016-09-28 13:00:00	1.9216	24.2473	0.0466	0.1133	0.0002	0.0000	0.0000
2016-09-28 13:15:00	1.9762	24.2473	0.0479	0.1133	0.0002	0.0000	0.0000
2016-09-28 13:30:00	3.0305	24.2473	0.0735	0.1133	0.0003	0.0000	0.0000
2016-09-28 13:45:00	3.2920	24.2473	0.0798	0.1133	0.0004	0.0000	0.0000
2016-09-28 14:00:00	3.2068	24.2473	0.0778	0.1133	0.0004	0.0000	0.0000
2016-09-28 14:15:00	1.9372	24.2473	0.0470	0.1133	0.0002	0.0000	0.0000
2016-09-28 14:30:00	1.5247	24.2473	0.0370	0.1133	0.0002	0.0000	0.0000
2016-09-28 14:45:00	1.2345	24.2473	0.0299	0.1133	0.0001	0.0000	0.0000
2016-09-28 15:00:00	0.8894	24.2473	0.0216	0.1654	0.0001	0.0000	0.0000
2016-09-28 15:15:00	2.5320	24.2473	0.0614	0.2912	0.0007	0.0000	0.0000
2016-09-28 15:30:00	2.9206	24.2473	0.0708	0.3419	0.0010	0.0000	0.0000
2016-09-28 15:45:00	3.1046	24.2473	0.0753	0.3419	0.0011	0.0000	0.0000
2016-09-28 16:00:00	1.8504	24.2473	0.0449	0.3419	0.0006	0.0000	0.0000
2016-09-28 16:15:00	0.6663	24.2473	0.0162	0.3419	0.0002	0.0000	0.0000
2016-09-28 16:30:00	0.9508	24.2473	0.0231	0.3402	0.0003	0.0000	0.0000
2016-09-28 16:45:00	1.7648	24.2473	0.0428	0.2298	0.0004	0.0000	0.0000
2016-09-28 17:00:00	0.8446	24.2473	0.0205	0.2410	0.0002	0.0000	0.0000
2016-09-28 17:15:00	1.9963	24.2473	0.0484	0.3018	0.0006	0.0000	0.0000
2016-09-28 17:30:00	1.3014	24.2473	0.0316	0.2907	0.0004	0.0000	0.0000
2016-09-28 17:45:00	3.1794	24.2473	0.0771	0.3282	0.0010	0.0000	0.0000
2016-09-28 18:00:00	1.6708	24.2473	0.0405	0.3282	0.0005	0.0000	0.0000
2016-09-28 18:15:00	0.9741	24.2473	0.0236	0.2750	0.0003	0.0000	0.0000
2016-09-28 18:30:00	1.0149	24.2473	0.0246	0.2135	0.0002	0.0000	0.0000
2016-09-28 18:45:00	1.0089	24.2473	0.0245	0.2135	0.0002	0.0000	0.0000
2016-09-28 19:00:00	1.0569	24.2473	0.0256 0.0177	0.2135 0.2135	0.0002	0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-28 19:30:00	1.2963	24.2473	0.0314	0.2135	0.0003	0.0000	0.0000
2016-09-28 19:45:00	1.7638	24.2473	0.0428	0.2135	0.0004	0.0000	0.0000
2016-09-28 20:00:00	0.6488	24.2473	0.0157	0.2135	0.0001	0.0000	0.0000
2016-09-28 20:15:00	0.6389	24.2473	0.0155	0.2135	0.0001	0.0000	0.0000
2016-09-28 20:30:00	0.4460	24.2473	0.0108	0.2135	0.0001	0.0000	0.0000
2016-09-28 20:45:00	0.6325	24.2473	0.0153	0.2135	0.0001	0.0000	0.0000
2016-09-28 21:00:00	0.7457	24.2473	0.0181	0.2135	0.0002	0.0000	0.0000
2016-09-28 21:15:00	0.3324	24.2473	0.0081	0.2135	0.0001	0.0000	0.0000
2016-09-28 21:30:00	0.0000	24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-28 21:45:00	0.0000	24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-28 22:00:00	0.0000	24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-28 22:15:00	0.0000	24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-28 22:30:00	0.0000	24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-28 22:45:00	0.0000	24.2473	0.0000	0.2135	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-28 23:00:00	0.0000	24.2473	0.0000	0.2135			
2016-09-28 23:15:00	0.0000	24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-28 23:30:00	0.0000	24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-28 23:45:00	0.0000	24.2473 24.2473	0.0000 0.0000	0.2135 0.2135	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-29 00:00:00 2016-09-29 00:15:00	0.0000						
2016-09-29 00:15:00 2016-09-29 00:30:00	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.2135 0.2135	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-29 00:30:00 2016-09-29 00:45:00	0.0000	24.2473 24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-29 00:45:00 2016-09-29 01:00:00	0.0000	24.2473 24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-29 01:00:00	0.0000	24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-29 01:15:00	0.0000	24.2473	0.0000	0.2135	0.0000	0.0000	0.0000
2016-09-29 01:30:00	0.0000	24.2473	0.0000	0.2133	0.0000	0.0000	0.0000
2016-09-29 02:00:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 02:15:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 02:30:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 02:45:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 03:00:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 03:15:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 03:30:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 03:45:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 04:00:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 04:15:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 04:30:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 04:45:00	0.0000	24.2473	0.0000	0.1149	0.0000	0.0000	0.0000
2016-09-29 05:00:00	0.0000	24.2473	0.0000	0.2115	0.0000	0.0000	0.0000
2016-09-29 05:15:00	0.0000	24.2473	0.0000	0.2115	0.0000	0.0000	0.0000
2016-09-29 05:30:00	0.0000	24.2473	0.0000	0.2115	0.0000	0.0000	0.0000
2016-09-29 05:45:00	0.0858	24.2473	0.0021	0.2115	0.0000	0.0000	0.0000
2016-09-29 06:00:00	0.0000	24.2473	0.0000	0.1879	0.0000	0.0000	0.0000
2016-09-29 06:15:00	0.0000	24.2473	0.0000	0.0975	0.0000	0.0000	0.0000
2016-09-29 06:30:00	0.0552	24.2473	0.0013	0.0975	0.0000	0.0000	0.0000
2016-09-29 06:45:00	0.2577	24.2473	0.0062	0.0975	0.0000	0.0000	0.0000
2016-09-29 07:00:00	0.2407	24.2473	0.0058	0.0975	0.0000	0.0000	0.0000
2016-09-29 07:15:00	1.6867	24.2473	0.0409	0.0975	0.0002	0.0000	0.0000
2016-09-29 07:30:00	3.3075	24.2473	0.0802	0.0975	0.0003	0.0000	0.0000
2016-09-29 07:45:00	6.5513	24.2473	0.1589	0.0975	0.0006	0.0000	0.0000
2016-09-29 08:00:00	7.3867	24.2473	0.1791	0.0975	0.0007	0.0000	0.0000
2016-09-29 08:15:00	8.6123	24.2473	0.2088	0.0975	0.0008	0.0000	0.0000
2016-09-29 08:30:00	7.3981	24.2473	0.1794	0.0975	0.0007	0.0000	0.0000
2016-09-29 08:45:00	6.5672	24.2473	0.1592	0.0975	0.0006	0.0000	0.0000
2016-09-29 09:00:00	6.4288	24.2473	0.1559	0.0975	0.0006	0.0000	0.0000
2016-09-29 09:15:00	8.2539	24.2473	0.2001	0.0975	0.0008	0.0000	0.0000
2016-09-29 09:30:00	8.8679	24.2473	0.2150	0.0975	0.0009	0.0000	0.0000
2016-09-29 09:45:00	9.1820	24.2473	0.2226	0.0975	0.0009	0.0000	0.0000
2016-09-29 10:00:00	8.7950	24.2473	0.2133	0.0975	0.0009	0.0000	0.0000
2016-09-29 10:15:00	8.1575	24.2473	0.1978	0.0975	0.0008	0.0000	0.0000
2016-09-29 10:30:00	7.6249	24.2473	0.1849	0.0975	0.0007	0.0000	0.0000
2016-09-29 10:45:00	6.6127	24.2473	0.1603	0.0975	0.0006	0.0000	0.0000
2016-09-29 11:00:00	6.7384	24.2473	0.1634	0.0975	0.0007	0.0000	0.0000
2016-09-29 11:15:00	6.6091	24.2473	0.1603	0.0975	0.0006	0.0000	0.0000
2016-09-29 11:30:00	7.1365	24.2473	0.1730	0.0975	0.0007	0.0000	0.0000
2016-09-29 11:45:00	5.5914	24.2473	0.1356	0.0975	0.0005	0.0000	0.0000
2016-09-29 12:00:00	6.8565	24.2473	0.1663	0.0975	0.0007	0.0000	0.0000
2016-09-29 12:15:00	6.4981	24.2473	0.1576	0.0975	0.0006	0.0000	0.0000
2016-09-29 12:30:00	6.2798	24.2473	0.1523	0.0975	0.0006	0.0000	0.0000
	5.8171	24.2473	0.1410	0.0975	0.0006	0.0000	0.0000
2016-09-29 12:45:00					0.0004		0.0000
2016-09-29 12:45:00 2016-09-29 13:00:00	3.9907	24.2473	0.0968	0.0975	0.0004	0.0000	0.0000
2016-09-29 13:00:00 2016-09-29 13:15:00	3.9907 4.0558	24.2473	0.0983	0.0975	0.0004	0.0000	0.0000
2016-09-29 13:00:00 2016-09-29 13:15:00 2016-09-29 13:30:00	3.9907 4.0558 4.1278	24.2473 24.2473	0.0983 0.1001	0.0975 0.0975	0.0004 0.0004	0.0000 0.0000	0.0000 0.0000
2016-09-29 13:00:00 2016-09-29 13:15:00	3.9907 4.0558	24.2473	0.0983	0.0975	0.0004	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-29 14:15:00	5.3163	24.2473	0.1289	0.0975	0.0005	0.0000	0.0000
2016-09-29 14:30:00	4.5559	24.2473	0.1105	0.0975	0.0004	0.0000	0.0000
2016-09-29 14:45:00	3.5491	24.2473	0.0861	0.0975	0.0003	0.0000	0.0000
2016-09-29 15:00:00	3.5551	24.2473	0.0862	0.0975	0.0003	0.0000	0.0000
2016-09-29 15:15:00	2.6798	24.2473	0.0650	0.0975	0.0003	0.0000	0.0000
2016-09-29 15:30:00	1.9188	24.2473	0.0465	0.0975	0.0002	0.0000	0.0000
2016-09-29 15:45:00	2.2654	24.2473	0.0549	0.0975	0.0002	0.0000	0.0000
2016-09-29 16:00:00	0.7861	24.2473	0.0191	0.0975	0.0001	0.0000	0.0000
2016-09-29 16:15:00	0.3365	24.2473	0.0082	0.0975	0.0000	0.0000	0.0000
2016-09-29 16:30:00	1.1685	24.2473	0.0283	0.1039	0.0001	0.0000	0.0000
2016-09-29 16:45:00	1.4297	24.2473	0.0347	0.1434	0.0002	0.0000	0.0000
2016-09-29 17:00:00	0.8623	24.2473	0.0209	0.0996	0.0001	0.0000	0.0000
2016-09-29 17:15:00	1.0131	24.2473	0.0246	0.1978	0.0002	0.0000	0.0000
2016-09-29 17:30:00	0.1005 0.9980	24.2473	0.0024 0.0242	0.2122	0.0000 0.0001	0.0000 0.0000	0.0000
2016-09-29 17:45:00		24.2473	0.0242	0.1503 0.2053			0.0000
2016-09-29 18:00:00	0.1650	24.2473	0.0040	0.2053	0.0000	0.0000 0.0000	0.0000
2016-09-29 18:15:00 2016-09-29 18:30:00	0.2466	24.2473 24.2473	0.0060	0.2053	0.0001 0.0002	0.0000	0.0000
2016-09-29 18:30:00	0.8193	24.2473	0.0199	0.2053	0.0002	0.0000	0.0000
	0.4407						
2016-09-29 19:00:00 2016-09-29 19:15:00	0.4303 1.5712	24.2473 24.2473	0.0104 0.0381	0.2053 0.2053	0.0001 0.0003	0.0000 0.0000	0.0000
2016-09-29 19:15:00 2016-09-29 19:30:00	1.5/12 1.6577	24.2473	0.0381	0.2053	0.0003	0.0000	0.0000
2016-09-29 19:30:00	2.2421	24.2473	0.0402	0.2053	0.0003	0.0000	0.0000
2016-09-29 19:45:00 2016-09-29 20:00:00	2.2421 1.5535	24.2473	0.0544	0.2053	0.0003	0.0000	0.0000
2016-09-29 20:00:00	0.6500	24.2473	0.0158	0.2053	0.0003	0.0000	0.0000
2016-09-29 20:30:00	0.4698	24.2473	0.0138	0.2053	0.0001	0.0000	0.0000
2016-09-29 20:45:00	0.0215	24.2473	0.0005	0.2053	0.0001	0.0000	0.0000
2016-09-29 21:00:00	0.1248	24.2473	0.0030	0.2053	0.0000	0.0000	0.0000
2016-09-29 21:15:00	0.1895	24.2473	0.0036	0.2053	0.0000	0.0000	0.0000
2016-09-29 21:30:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-29 21:45:00	0.1760	24.2473	0.0043	0.2053	0.0000	0.0000	0.0000
2016-09-29 22:00:00	0.2417	24.2473	0.0059	0.2053	0.0000	0.0000	0.0000
2016-09-29 22:15:00	0.4400	24.2473	0.0107	0.2053	0.0001	0.0000	0.0000
2016-09-29 22:30:00	0.5525	24.2473	0.0134	0.2053	0.0001	0.0000	0.0000
2016-09-29 22:45:00	0.1034	24.2473	0.0025	0.2053	0.0000	0.0000	0.0000
2016-09-29 23:00:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-29 23:15:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-29 23:30:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-29 23:45:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-30 00:00:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-30 00:15:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-30 00:30:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-30 00:45:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-30 01:00:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-30 01:15:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-30 01:30:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-30 01:45:00	0.0000	24.2473	0.0000	0.2053	0.0000	0.0000	0.0000
2016-09-30 02:00:00	0.0000	24.2473	0.0000	0.2311	0.0000	0.0000	0.0000
2016-09-30 02:15:00	0.0000	24.2473	0.0000	0.3227	0.0000	0.0000	0.0000
2016-09-30 02:30:00	0.0000	24.2473	0.0000	0.2846	0.0000	0.0000	0.0000
2016-09-30 02:45:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 03:00:00	0.1085	24.2473	0.0026	0.2094	0.0000	0.0000	0.0000
2016-09-30 03:15:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 03:30:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 03:45:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 04:00:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 04:15:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 04:30:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 04:45:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 05:00:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 05:15:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 05:30:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 05:45:00	0.0000	24.2473	0.0000	0.1814	0.0000	0.0000	0.0000
2016-09-30 06:00:00	0.0000	24.2473	0.0000	0.0961	0.0000	0.0000	0.0000
2016-09-30 06:15:00	0.0000	24.2473	0.0000	0.0961	0.0000	0.0000	0.0000
2016-09-30 06:30:00	0.0000	24.2473	0.0000	0.0961	0.0000	0.0000	0.0000
2016-09-30 06:45:00	0.0000	24.2473	0.0000	0.0961	0.0000	0.0000	0.0000
2016-09-30 07:00:00	0.0000	24.2473	0.0000	0.1644	0.0000	0.0000	0.0000
2016-09-30 07:15:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 07:30:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 07:45:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 08:00:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
				•			1
2016-09-30 08:15:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.2094 0.2094	0.0000 0.0000	0.0000 0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-09-30 09:00:00	0.0000	24.2473	0.0000	0.2094	0.0000	0.0000	0.0000
2016-09-30 09:15:00	0.0000	24.2473	0.0000	0.2670	0.0000	0.0000	0.0000
2016-09-30 09:30:00	0.0000	24.2473	0.0000	0.3200	0.0000	0.0000	0.0000
2016-09-30 09:45:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 10:00:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 10:15:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 10:30:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 10:45:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 11:00:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 11:15:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 11:30:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 11:45:00	0.0000	24.2473	0.0000	0.2300	0.0000	0.0000	0.0000
2016-09-30 12:00:00	0.0000	24.2473	0.0000	0.3241	0.0000	0.0000	0.0000
2016-09-30 12:15:00	0.0000	24.2473	0.0000	0.3241	0.0000	0.0000	0.0000
2016-09-30 12:30:00	0.0000	24.2473	0.0000	0.3241	0.0000	0.0000	0.0000
2016-09-30 12:45:00	0.0000	24.2473	0.0000	0.3241	0.0000	0.0000	0.0000
2016-09-30 13:00:00	0.0000	24.2473	0.0000	0.3241	0.0000	0.0000	0.0000
2016-09-30 13:15:00	0.0000	24.2473	0.0000	0.3241	0.0000	0.0000	0.0000
2016-09-30 13:30:00	0.0000	24.2473	0.0000	0.3241	0.0000	0.0000	0.0000
2016-09-30 13:45:00	0.0000	24.2473	0.0000	0.3241	0.0000	0.0000	0.0000
2016-09-30 14:00:00	0.0000	24.2473	0.0000	0.3152	0.0000	0.0000	0.0000
2016-09-30 14:15:00	0.0000	24.2473	0.0000	0.2108	0.0000 0.0000	0.0000 0.0000	0.0000
2016-09-30 14:30:00 2016-09-30 14:45:00	0.0000 0.0000	24.2473 24.2473	0.0000 0.0000	0.2108 0.2108	0.0000	0.0000	0.0000
2016-09-30 14:45:00 2016-09-30 15:00:00	0.0000	24.2473 24.2473	0.0000	0.2108	0.0000	0.0000	0.0000
2016-09-30 15:00:00	0.0000	24.2473	0.0000	0.2108	0.0000	0.0000	0.0000
2016-09-30 15:15:00	0.0382	24.2473	0.0000	0.2108	0.0000	0.0000	0.0000
2016-09-30 15:30:00	0.3237	24.2473	0.0009	0.2108	0.0001	0.0000	0.0000
2016-09-30 15:45:00	0.3237	24.2473	0.0078	0.1962	0.0001	0.0000	0.0000
2016-09-30 16:05:00	0.0000	24.2473	0.0000	0.1821	0.0000	0.0000	0.0000
2016-09-30 16:30:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 16:45:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 17:00:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 17:15:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 17:30:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 17:45:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 18:00:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 18:15:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 18:30:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 18:45:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 19:00:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 19:15:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 19:30:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 19:45:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 20:00:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 20:15:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 20:30:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 20:45:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 21:00:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 21:15:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 21:30:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 21:45:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 22:00:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 22:15:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 22:30:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 22:45:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 23:00:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 23:15:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 23:30:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-09-30 23:45:00	0.0000	24.2473	0.0000	0.2101	0.0000	0.0000	0.0000
2016-10-01 00:00:00	0.0000	24.2473	0.0000	0.2589	0.0000	0.0000	0.0000
2016-10-01 00:15:00	0.0000	24.2473	0.0000	0.3227	0.0000	0.0000	0.0000
2016-10-01 00:30:00	0.0000	24.2473	0.0000	0.3227	0.0000	0.0000	0.0000
2016-10-01 00:45:00	0.0000	24.2473	0.0000	0.3227	0.0000	0.0000	0.0000
2016-10-01 01:00:00	0.0000	24.2473	0.0000	0.3093	0.0000	0.0000	0.0000
2016-10-01 01:15:00	0.0000	24.2473	0.0000	0.2684	0.0000	0.0000	0.0000
2016-10-01 01:30:00	0.0000	24.2473	0.0000	0.3207	0.0000	0.0000	0.0000
2016-10-01 01:45:00	0.0000	24.2473	0.0000	0.3207	0.0000	0.0000	0.0000
2016-10-01 02:00:00	0.0000	24.2473	0.0000	0.3207	0.0000	0.0000	0.0000
2016-10-01 02:15:00	0.0179	24.2473	0.0004	0.2815	0.0000	0.0000	0.0000
2016-10-01 02:30:00	0.0000	24.2473	0.0000	0.2046	0.0000	0.0000	0.0000
1	0.0000	24.2473	0.0000	0.2046	0.0000	0.0000	0.0000
2016-10-01 02:45:00	0.0000	-					
2016-10-01 02:45:00 2016-10-01 03:00:00	0.0000	24.2473	0.0000	0.2046	0.0000	0.0000	0.0000
			0.0000 0.0000	0.2046 0.2046	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

The state of the s		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-01 03:45:00	0.0000	24.2473	0.0000	0.1328	0.0000	0.0000	0.0000
2016-10-01 04:00:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 04:15:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 04:30:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 04:45:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 05:00:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 05:15:00	0.0000	24.2473	0.0000 0.0000	0.1408 0.1408	0.0000	0.0000	0.0000
2016-10-01 05:30:00 2016-10-01 05:45:00	0.0000 0.0000	24.2473 24.2473	0.0000	0.1408	0.0000 0.0000	0.0000 0.0000	0.0000
		24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 06:00:00 2016-10-01 06:15:00	0.0000 0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 06:15:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 06:30:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 06:45:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 07:00:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 07:13:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 07:30:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 07:43:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 08:00:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 08:13:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 08:30:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 08:45:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 09:05:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 09:30:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 09:45:00	0.0961	24.2473	0.0023	0.1408	0.0000	0.0000	0.0000
2016-10-01 10:00:00	0.0000	24.2473	0.0000	0.1408	0.0000	0.0000	0.0000
2016-10-01 10:15:00	0.1419	24.2473	0.0034	0.1408	0.0000	0.0000	0.0000
2016-10-01 10:30:00	0.3518	24.2473	0.0085	0.1408	0.0000	0.0000	0.0000
2016-10-01 10:45:00	0.9134	24.2473	0.0221	0.1431	0.0001	0.0000	0.0000
2016-10-01 11:00:00	0.4946	24.2473	0.0120	0.1682	0.0001	0.0000	0.0000
2016-10-01 11:15:00	0.6476	24.2473	0.0157	0.1682	0.0001	0.0000	0.0000
2016-10-01 11:30:00	0.8161	24.2473	0.0198	0.1682	0.0001	0.0000	0.0000
2016-10-01 11:45:00	0.9450	24.2473	0.0229	0.1682	0.0002	0.0000	0.0000
2016-10-01 12:00:00	2.1934	24.2473	0.0532	0.1682	0.0004	0.0000	0.0000
2016-10-01 12:15:00	1.8924	24.2473	0.0459	0.1682	0.0003	0.0000	0.0000
2016-10-01 12:30:00	3.5472	24.2473	0.0860	0.1123	0.0004	0.0000	0.0000
2016-10-01 12:45:00	3.2471	24.2473	0.0787	0.0570	0.0002	0.0000	0.0000
2016-10-01 13:00:00	2.4837	24.2473	0.0602	0.0803	0.0002	0.0000	0.0000
2016-10-01 13:15:00	4.0652	24.2473	0.0986	0.0725	0.0003	0.0000	0.0000
2016-10-01 13:30:00	4.6546	24.2473	0.1129	0.0432	0.0002	0.0000	0.0000
2016-10-01 13:45:00	4.9589	24.2473	0.1202	0.0925	0.0005	0.0000	0.0000
2016-10-01 14:00:00	4.8652	24.2473	0.1180	1.5054	0.0073	0.0000	0.0000
2016-10-01 14:15:00	5.1584	24.2473	0.1251	0.0000	0.0000	0.0000	0.0000
2016-10-01 14:30:00	4.5061	24.2473	0.1093	0.0440	0.0002	0.0000	0.0000
2016-10-01 14:45:00	3.3189	24.2473	0.0805	0.0215	0.0001	0.0000	0.0000
2016-10-01 15:00:00	3.0436	24.2473	0.0738	0.1677	0.0005	0.0000	0.0000
2016-10-01 15:15:00	4.6376	24.2473	0.1124	0.0110	0.0001	0.0000	0.0000
2016-10-01 15:30:00	3.7953	24.2473	0.0920	0.2222	0.0008	0.0000	0.0000
2016-10-01 15:45:00	4.9548	24.2473	0.1201	0.0053	0.0000	0.0000	0.0000
2016-10-01 16:00:00	4.1805	24.2473	0.1014	0.0000	0.0000	0.0000	0.0000
2016-10-01 16:15:00	2.9567	24.2473	0.0717	0.0000	0.0000	0.0000	0.0000
2016-10-01 16:30:00	3.6070	24.2473	0.0875	0.0000	0.0000	0.0000	0.0000
2016-10-01 16:45:00	3.4762	24.2473	0.0843	0.0087	0.0000	0.0000	0.0000
2016-10-01 17:00:00	2.4593	24.2473	0.0596	0.0923	0.0002	0.0000	0.0000
2016-10-01 17:15:00	3.0550	24.2473	0.0741	0.1204	0.0004	0.0000	0.0000
2016-10-01 17:30:00	4.3265	24.2473	0.1049	0.0975	0.0004	0.0000	0.0000
2016-10-01 17:45:00	4.5956	24.2473	0.1114	0.0975	0.0004	0.0000	0.0000
2016-10-01 18:00:00	4.4006	24.2473	0.1067	0.0975	0.0004	0.0000	0.0000
2016-10-01 18:15:00	4.1192	24.2473	0.0999	0.0975	0.0004	0.0000	0.0000
2016-10-01 18:30:00	3.7630	24.2473	0.0912	0.0975	0.0004	0.0000	0.0000
2016-10-01 18:45:00	4.5830	24.2473	0.1111	0.1027	0.0005	0.0000	0.0000
2016-10-01 19:00:00	4.7197	24.2473	0.1144	0.1009	0.0005	0.0000	0.0000
2016-10-01 19:15:00	4.5729	24.2473	0.1109	0.1009	0.0005	0.0000	0.0000
2016-10-01 19:30:00	3.9644	24.2473	0.0961	0.1009	0.0004	0.0000	0.0000
2016-10-01 19:45:00	4.6451	24.2473	0.1126	0.1009	0.0005	0.0000	0.0000
2016-10-01 20:00:00	3.9942	24.2473	0.0968	0.1009	0.0004	0.0000	0.0000
2016-10-01 20:15:00	3.9531	24.2473	0.0959	0.1009	0.0004	0.0000	0.0000
2016-10-01 20:30:00	3.4574	24.2473	0.0838	0.1009	0.0003	0.0000	0.0000
2016-10-01 20:45:00	3.4280	24.2473	0.0831	0.1009	0.0003	0.0000	0.0000
2016-10-01 21:00:00	4.8293	24.2473	0.1171	0.1009	0.0005	0.0000	0.0000
2016-10-01 21:15:00	5.0526	24.2473	0.1225	0.7004	0.0035	0.0000	0.0000
2016-10-01 21:30:00	5.6776	24.2473	0.1377	0.2779	0.0016	0.0000	0.0000
2016-10-01 21:45:00	3.8697	24.2473	0.0938	0.1093	0.0004	0.0000	0.0000
2016-10-01 22:00:00 2016-10-01 22:15:00	3.6275 4.2711	24.2473 24.2473	0.0880 0.1036	0.1346 0.0675	0.0005 0.0003	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-01 22:30:00	4.0100	24.2473	0.0972	0.0709	0.0003	0.0000	0.0000
2016-10-01 22:45:00	2.1915	24.2473	0.0531	0.0556	0.0001	0.0000	0.0000
2016-10-01 23:00:00	1.6322	24.2473	0.0396	0.0855	0.0001	0.0000	0.0000
2016-10-01 23:15:00	3.6659	24.2473	0.0889	0.1059	0.0004	0.0000	0.0000
2016-10-01 23:30:00	1.6677	24.2473	0.0404	0.1566	0.0003	0.0000	0.0000
2016-10-01 23:45:00	0.2919	24.2473	0.0071	0.0927	0.0000	0.0000	0.0000
2016-10-02 00:00:00	2.5430	24.2473	0.0617	0.0927	0.0002	0.0000	0.0000
2016-10-02 00:15:00	4.8292	24.2473	0.1171	0.0927	0.0004	0.0000	0.0000
2016-10-02 00:30:00	5.4396	24.2473	0.1319	0.0927	0.0005	0.0000	0.0000
2016-10-02 00:45:00	5.3133	24.2473	0.1288	0.0927	0.0005	0.0000	0.0000
2016-10-02 01:00:00	5.0659	24.2473	0.1228	0.0927	0.0005	0.0000	0.0000
2016-10-02 01:15:00	5.2878	24.2473	0.1282	0.0927	0.0005	0.0000	0.0000
2016-10-02 01:30:00	4.9331	24.2473	0.1196	0.0927	0.0005	0.0000	0.0000
2016-10-02 01:45:00	4.7393	24.2473	0.1149	0.0927 0.0927	0.0004 0.0005	0.0000 0.0000	0.0000
2016-10-02 02:00:00	5.1521	24.2473	0.1249 0.1077	0.0927			0.0000
2016-10-02 02:15:00	4.4414 3.5953	24.2473	0.1077	0.0927	0.0004 0.0003	0.0000 0.0000	0.0000
2016-10-02 02:30:00 2016-10-02 02:45:00		24.2473 24.2473	0.0872	0.0927	0.0003	0.0000	0.0000
2016-10-02 02:45:00 2016-10-02 03:00:00	3.0260	24.2473	0.0734	0.0927	0.0003	0.0000	0.0000
2016-10-02 03:00:00	3.0016	24.2473		0.0927			
2016-10-02 03:15:00	2.6365 2.5051	24.2473	0.0639 0.0607	0.0927	0.0002 0.0002	0.0000 0.0000	0.0000
2016-10-02 03:30:00 2016-10-02 03:45:00	2.5051 4.9615	24.2473 24.2473	0.0607	0.0927	0.0002	0.0000	0.0000
2016-10-02 03:45:00	4.9615	24.2473	0.1203	0.0927	0.0005	0.0000	0.0000
2016-10-02 04:00:00	4.3936	24.2473	0.1117	0.0927	0.0004	0.0000	0.0000
2016-10-02 04:15:00	4.7529	24.2473	0.1065	0.0927	0.0004	0.0000	0.0000
2016-10-02 04:30:00	4.7329	24.2473	0.1132	0.0927	0.0004	0.0000	0.0000
2016-10-02 04:45:00	4.4013	24.2473	0.1111	0.2230	0.0010	0.0000	0.0000
2016-10-02 05:00:00	3.3877	24.2473	0.0821	0.0000	0.0000	0.0000	0.0000
2016-10-02 05:30:00	4.3023	24.2473	0.1043	0.0000	0.0000	0.0000	0.0000
2016-10-02 05:45:00	5.7709	24.2473	0.1399	0.0000	0.0000	0.0000	0.0000
2016-10-02 06:00:00	5.4205	24.2473	0.1314	0.0000	0.0000	0.0000	0.0000
2016-10-02 06:15:00	3.9054	24.2473	0.0947	0.0000	0.0000	0.0000	0.0000
2016-10-02 06:30:00	5.4761	24.2473	0.1328	0.0000	0.0000	0.0000	0.0000
2016-10-02 06:45:00	4.6719	24.2473	0.1133	0.0000	0.0000	0.0000	0.0000
2016-10-02 07:00:00	2.6260	24.2473	0.0637	0.0771	0.0002	0.0000	0.0000
2016-10-02 07:15:00	2.2941	24.2473	0.0556	0.1147	0.0003	0.0000	0.0000
2016-10-02 07:30:00	3.8840	24.2473	0.0942	0.1147	0.0004	0.0000	0.0000
2016-10-02 07:45:00	4.0996	24.2473	0.0994	0.1147	0.0005	0.0000	0.0000
2016-10-02 08:00:00	4.9493	24.2473	0.1200	0.1147	0.0006	0.0000	0.0000
2016-10-02 08:15:00	4.4491	24.2473	0.1079	0.1147	0.0005	0.0000	0.0000
2016-10-02 08:30:00	3.8732	24.2473	0.0939	0.1147	0.0004	0.0000	0.0000
2016-10-02 08:45:00	2.2796	24.2473	0.0553	0.1147	0.0003	0.0000	0.0000
2016-10-02 09:00:00	2.4650	24.2473	0.0598	0.1147	0.0003	0.0000	0.0000
2016-10-02 09:15:00	1.8814	24.2473	0.0456	0.1147	0.0002	0.0000	0.0000
2016-10-02 09:30:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 09:45:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 10:00:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 10:15:00	0.0179	24.2473	0.0004	0.1147	0.0000	0.0000	0.0000
2016-10-02 10:30:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 10:45:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 11:00:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 11:15:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 11:30:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 11:45:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 12:00:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 12:15:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 12:30:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 12:45:00	0.0000	24.2473	0.0000	0.1147	0.0000	0.0000	0.0000
2016-10-02 13:00:00	0.9326	24.2473	0.0226	0.1147	0.0001	0.0000	0.0000
2016-10-02 13:15:00	2.9580	24.2473	0.0717	0.1147	0.0003	0.0000	0.0000
2016-10-02 13:30:00	2.7159	24.2473	0.0659	0.1147	0.0003	0.0000	0.0000
2016-10-02 13:45:00	2.5275	24.2473	0.0613	0.1513	0.0004	0.0000	0.0000
2016-10-02 14:00:00	2.8048	24.2473	0.0680	0.2287	0.0006	0.0000	0.0000
2016-10-02 14:15:00	2.2821	24.2473	0.0553	0.2287	0.0005	0.0000	0.0000
2016-10-02 14:30:00	1.7358	24.2473	0.0421	0.2287	0.0004	0.0000	0.0000
2016-10-02 14:45:00	2.3964	24.2473	0.0581	0.2287	0.0005	0.0000	0.0000
2016-10-02 15:00:00	3.0528	24.2473	0.0740	0.2287	0.0007	0.0000	0.0000
2016-10-02 15:15:00	1.8605	24.2473	0.0451	0.2287	0.0004	0.0000	0.0000
2016-10-02 15:30:00	1.0629	24.2473	0.0258	0.2287	0.0002	0.0000	0.0000
2016-10-02 15:45:00	1.0421	24.2473	0.0253	0.2287	0.0002	0.0000	0.0000
2010 10 02 15.15.00		24 2472	0.0181	0.2073	0.0002	0.0000	0.0000
2016-10-02 16:00:00	0.7480	24.2473					
2016-10-02 16:00:00 2016-10-02 16:15:00	0.0618	24.2473	0.0015	0.1666	0.0000	0.0000	0.0000
2016-10-02 16:00:00 2016-10-02 16:15:00 2016-10-02 16:30:00	0.0618 0.0000	24.2473 24.2473	0.0015 0.0000	0.1078	0.0000	0.0000	0.0000
2016-10-02 16:00:00 2016-10-02 16:15:00	0.0618	24.2473	0.0015				

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-02 17:15:00	0.3651	24.2473	0.0089	0.1382	0.0001	0.0000	0.0000
2016-10-02 17:30:00	1.7798	24.2473	0.0432	0.1268	0.0002	0.0000	0.0000
2016-10-02 17:45:00	0.7610	24.2473	0.0185	0.2081	0.0002	0.0000	0.0000
2016-10-02 18:00:00	0.5880	24.2473	0.0143	0.2149	0.0001	0.0000	0.0000
2016-10-02 18:15:00	0.5281	24.2473	0.0128	0.2149	0.0001	0.0000	0.0000
2016-10-02 18:30:00	0.2478	24.2473	0.0060	0.2149	0.0001	0.0000	0.0000
2016-10-02 18:45:00	0.0379	24.2473	0.0009	0.2149	0.0000	0.0000	0.0000
2016-10-02 19:00:00	0.0747	24.2473	0.0018	0.2149	0.0000	0.0000	0.0000
2016-10-02 19:15:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 19:30:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 19:45:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 20:00:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 20:15:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 20:30:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 20:45:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 21:00:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 21:15:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 21:30:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 21:45:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 22:00:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 22:15:00	0.0000	24.2473	0.0000	0.2149	0.0000	0.0000	0.0000
2016-10-02 22:30:00	0.0000	24.2473	0.0000 0.0000	0.1420 0.1003	0.0000 0.0000	0.0000 0.0000	0.0000
2016-10-02 22:45:00 2016-10-02 23:00:00	0.0000 0.0000	24.2473 24.2473	0.0000	0.1003	0.0000	0.0000	0.0000
2016-10-02 23:00:00 2016-10-02 23:15:00	0.0000	24.2473	0.0000	0.1161	0.0000	0.0000	0.0000
2016-10-02 23:15:00 2016-10-02 23:30:00	0.0000	24.2473	0.0000	0.2129	0.0000	0.0000	0.0000
2016-10-02 23:30:00	0.0182	24.2473	0.0004	0.2129	0.0000	0.0000	0.0000
2016-10-02 23:45:00	0.0182	24.2473	0.0021	0.1003	0.0000	0.0000	0.0000
2016-10-03 00:00:00	0.0000	24.2473	0.0021	0.1003	0.0000	0.0000	0.0000
2016-10-03 00:13:00	0.4490	24.2473	0.0109	0.1003	0.0000	0.0000	0.0000
2016-10-03 00:45:00	3.8828	24.2473	0.0941	0.1003	0.0004	0.0000	0.0000
2016-10-03 01:00:00	1.5960	24.2473	0.0341	0.1003	0.0004	0.0000	0.0000
2016-10-03 01:05:00	0.2833	24.2473	0.0069	0.1003	0.0002	0.0000	0.0000
2016-10-03 01:13:00	0.1631	24.2473	0.0040	0.1003	0.0000	0.0000	0.0000
2016-10-03 01:45:00	0.0000	24.2473	0.0000	0.1003	0.0000	0.0000	0.0000
2016-10-03 02:00:00	0.1556	24.2473	0.0038	0.1003	0.0000	0.0000	0.0000
2016-10-03 02:15:00	0.0772	24.2473	0.0019	0.1003	0.0000	0.0000	0.0000
2016-10-03 02:30:00	0.2364	24.2473	0.0057	0.1003	0.0000	0.0000	0.0000
2016-10-03 02:45:00	0.8324	24.2473	0.0202	0.1003	0.0001	0.0000	0.0000
2016-10-03 03:00:00	0.5015	24.2473	0.0122	0.1003	0.0001	0.0000	0.0000
2016-10-03 03:15:00	1.5992	24.2473	0.0388	0.1003	0.0002	0.0000	0.0000
2016-10-03 03:30:00	1.1303	24.2473	0.0274	0.1003	0.0001	0.0000	0.0000
2016-10-03 03:45:00	0.4543	24.2473	0.0110	0.1003	0.0000	0.0000	0.0000
2016-10-03 04:00:00	0.0000	24.2473	0.0000	0.1003	0.0000	0.0000	0.0000
2016-10-03 04:15:00	0.0430	24.2473	0.0010	0.1003	0.0000	0.0000	0.0000
2016-10-03 04:30:00	0.3450	24.2473	0.0084	0.1003	0.0000	0.0000	0.0000
2016-10-03 04:45:00	0.0206	24.2473	0.0005	0.1003	0.0000	0.0000	0.0000
2016-10-03 05:00:00	0.0192	24.2473	0.0005	0.1003	0.0000	0.0000	0.0000
2016-10-03 05:15:00	0.0000	24.2473	0.0000	0.1003	0.0000	0.0000	0.0000
2016-10-03 05:30:00	0.0390	24.2473	0.0009	0.1003	0.0000	0.0000	0.0000
2016-10-03 05:45:00	0.2849	24.2473	0.0069	0.1003	0.0000	0.0000	0.0000
2016-10-03 06:00:00	1.0176	24.2473	0.0247	0.1003	0.0001	0.0000	0.0000
2016-10-03 06:15:00	0.8371	24.2473	0.0203	0.1003	0.0001	0.0000	0.0000
2016-10-03 06:30:00	0.7728	24.2473	0.0187	0.1003	0.0001	0.0000	0.0000
2016-10-03 06:45:00	1.6320	24.2473	0.0396	0.1003	0.0002	0.0000	0.0000
2016-10-03 07:00:00	0.8128	24.2473	0.0197	0.1003	0.0001	0.0000	0.0000
2016-10-03 07:15:00	0.9852	24.2473	0.0239	0.1003	0.0001	0.0000	0.0000
2016-10-03 07:30:00	2.2386	24.2473	0.0543	0.1003	0.0002	0.0000	0.0000
2016-10-03 07:45:00	1.8590	24.2473	0.0451	0.1003	0.0002	0.0000	0.0000
2016-10-03 08:00:00	3.1505	24.2473	0.0764	0.1003	0.0003	0.0000	0.0000
2016-10-03 08:15:00	3.8426	24.2473	0.0932	0.1003	0.0004	0.0000	0.0000
2016-10-03 08:30:00	5.8687	24.2473	0.1423	0.1003	0.0006	0.0000	0.0000
2016-10-03 08:45:00	6.6515	24.2473	0.1613	0.1003	0.0007	0.0000	0.0000
2016-10-03 09:00:00	5.8655	24.2473	0.1422	0.1003	0.0006	0.0000	0.0000
2016-10-03 09:15:00	6.3658	24.2473	0.1544	0.1003	0.0006	0.0000	0.0000
2016-10-03 09:30:00	4.7739	24.2473	0.1158	0.1003	0.0005	0.0000	0.0000
2016-10-03 09:45:00	4.4356	24.2473	0.1076	0.1003	0.0004	0.0000	0.0000
2016-10-03 10:00:00	6.2386	24.2473	0.1513	0.1003	0.0006	0.0000	0.0000
2016-10-03 10:15:00	5.7066	24.2473	0.1384	0.1003	0.0006	0.0000	0.0000
2016-10-03 10:30:00	5.6657	24.2473	0.1374	0.1003	0.0006	0.0000	0.0000
2016-10-03 10:45:00	5.6478	24.2473	0.1369	0.1003	0.0006	0.0000	0.0000
2016-10-03 11:00:00	5.7873	24.2473	0.1403	0.1003	0.0006	0.0000	0.0000
2010-10-03 11.00.00							
2016-10-03 11:15:00	6.0616	24.2473	0.1470	0.1003	0.0006	0.0000	0.0000
	6.0616 5.7358	24.2473 24.2473	0.1470 0.1391	0.1003 0.1003	0.0006 0.0006	0.0000 0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-03 12:00:00	6.2178	24.2473	0.1508	0.1003	0.0006	0.0000	0.0000
2016-10-03 12:15:00	5.3184	24.2473	0.1290	0.1003	0.0005	0.0000	0.0000
2016-10-03 12:30:00	4.7529	24.2473	0.1152	0.1003	0.0005	0.0000	0.0000
2016-10-03 12:45:00	4.8898	24.2473	0.1186	0.1003	0.0005	0.0000	0.0000
2016-10-03 13:00:00	4.9091	24.2473	0.1190	0.1003	0.0005	0.0000	0.0000
2016-10-03 13:15:00	4.6574	24.2473	0.1129	0.1003	0.0005	0.0000	0.0000
2016-10-03 13:30:00	1.9547	24.2473	0.0474	0.1003	0.0002	0.0000	0.0000
2016-10-03 13:45:00	3.1038	24.2473	0.0753	0.1003	0.0003	0.0000	0.0000
2016-10-03 14:00:00	3.1522	24.2473	0.0764	0.1003	0.0003	0.0000	0.0000
2016-10-03 14:15:00	3.2509	24.2473	0.0788	0.1003	0.0003	0.0000	0.0000
2016-10-03 14:30:00	3.5061	24.2473	0.0850	0.1003	0.0004	0.0000	0.0000
2016-10-03 14:45:00	2.7602	24.2473	0.0669	0.1003	0.0003	0.0000	0.0000
2016-10-03 15:00:00	2.0607	24.2473	0.0500	0.1003	0.0002	0.0000	0.0000
2016-10-03 15:15:00	1.2506	24.2473	0.0303	0.1003	0.0001	0.0000	0.0000
2016-10-03 15:30:00	0.0991	24.2473	0.0024	0.1003	0.0000	0.0000	0.0000
2016-10-03 15:45:00	0.0588	24.2473	0.0014	0.1003	0.0000	0.0000	0.0000
2016-10-03 16:00:00	0.0000	24.2473	0.0000	0.1443	0.0000	0.0000	0.0000
2016-10-03 16:15:00	0.0000	24.2473	0.0000	0.1238	0.0000	0.0000	0.0000 0.0000
2016-10-03 16:30:00 2016-10-03 16:45:00	0.0000	24.2473	0.0000	0.1044	0.0000	0.0000 0.0000	
	0.0000	24.2473	0.0000	0.1044	0.0000		0.0000
2016-10-03 17:00:00 2016-10-03 17:15:00	0.2530 0.2038	24.2473 24.2473	0.0061 0.0049	0.1214 0.2177	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-03 17:15:00 2016-10-03 17:30:00	0.2038 0.5105	24.2473	0.0049	0.2177	0.0000	0.0000	0.0000
2016-10-03 17:30:00	0.3105	24.2473	0.0124	0.2177	0.0001	0.0000	0.0000
2016-10-03 17:45:00		24.2473			0.0001	0.0000	0.0000
2016-10-03 18:00:00	1.0611 2.1698	24.2473	0.0257 0.0526	0.2177 0.2177	0.0002	0.0000	0.0000
2016-10-03 18:13:00	2.2889	24.2473	0.0526	0.2177	0.0005	0.0000	0.0000
2016-10-03 18:45:00	2.2889	24.2473	0.0333	0.2011	0.0003	0.0000	0.0000
2016-10-03 18:45:00	1.8355	24.2473	0.0488	0.1950	0.0004	0.0000	0.0000
2016-10-03 19:00:00	1.3460	24.2473	0.0445	0.1950	0.0004	0.0000	0.0000
2016-10-03 19:30:00	0.1786	24.2473	0.0043	0.1950	0.0003	0.0000	0.0000
2016-10-03 19:45:00	0.0000	24.2473	0.0000	0.1950	0.0000	0.0000	0.0000
2016-10-03 19:43:00	0.0000	24.2473	0.0000	0.1950	0.0000	0.0000	0.0000
2016-10-03 20:15:00	0.1442	24.2473	0.0035	0.1950	0.0000	0.0000	0.0000
2016-10-03 20:30:00	0.0000	24.2473	0.0000	0.1950	0.0000	0.0000	0.0000
2016-10-03 20:45:00	0.0000	24.2473	0.0000	0.1950	0.0000	0.0000	0.0000
2016-10-03 21:00:00	1.1017	24.2473	0.0267	0.1950	0.0002	0.0000	0.0000
2016-10-03 21:15:00	1.4141	24.2473	0.0343	0.1950	0.0003	0.0000	0.0000
2016-10-03 21:30:00	2.7233	24.2473	0.0660	0.1950	0.0005	0.0000	0.0000
2016-10-03 21:45:00	1.2534	24.2473	0.0304	0.1950	0.0002	0.0000	0.0000
2016-10-03 22:00:00	3.4212	24.2473	0.0830	0.1950	0.0007	0.0000	0.0000
2016-10-03 22:15:00	4.0959	24.2473	0.0993	0.1950	0.0008	0.0000	0.0000
2016-10-03 22:30:00	2.5113	24.2473	0.0609	0.1950	0.0005	0.0000	0.0000
2016-10-03 22:45:00	4.0334	24.2473	0.0978	0.1950	0.0008	0.0000	0.0000
2016-10-03 23:00:00	3.0878	24.2473	0.0749	0.1950	0.0006	0.0000	0.0000
2016-10-03 23:15:00	2.4266	24.2473	0.0588	0.1950	0.0005	0.0000	0.0000
2016-10-03 23:30:00	2.0163	24.2473	0.0489	0.1950	0.0004	0.0000	0.0000
2016-10-03 23:45:00	0.5430	24.2473	0.0132	0.0978	0.0001	0.0000	0.0000
2016-10-04 00:00:00	1.1351	24.2473	0.0275	0.0790	0.0001	0.0000	0.0000
2016-10-04 00:15:00	0.2035	24.2473	0.0049	0.0790	0.0000	0.0000	0.0000
2016-10-04 00:30:00	0.4405	24.2473	0.0107	0.0790	0.0000	0.0000	0.0000
2016-10-04 00:45:00	1.4927	24.2473	0.0362	0.0790	0.0001	0.0000	0.0000
2016-10-04 01:00:00	0.3901	24.2473	0.0095	0.0790	0.0000	0.0000	0.0000
2016-10-04 01:15:00	0.5461	24.2473	0.0132	0.0790	0.0000	0.0000	0.0000
2016-10-04 01:30:00	1.0000	24.2473	0.0242	0.0790	0.0001	0.0000	0.0000
2016-10-04 01:45:00	3.8765	24.2473	0.0940	0.0790	0.0003	0.0000	0.0000
2016-10-04 02:00:00	1.6695	24.2473	0.0405	0.0790	0.0001	0.0000	0.0000
2016-10-04 02:15:00	2.4027	24.2473	0.0583	0.0790	0.0002	0.0000	0.0000
2016-10-04 02:30:00	2.9744	24.2473	0.0721	0.0790	0.0002	0.0000	0.0000
2016-10-04 02:45:00	2.1112	24.2473	0.0512	0.0790	0.0002	0.0000	0.0000
2016-10-04 03:00:00	1.4050	24.2473	0.0341	0.0790	0.0001	0.0000	0.0000
2016-10-04 03:15:00	3.5151	24.2473	0.0852	0.0790	0.0003	0.0000	0.0000
2016-10-04 03:30:00	1.9066	24.2473	0.0462	0.0790	0.0002	0.0000	0.0000
2016-10-04 03:45:00	0.4931	24.2473	0.0120	0.0790	0.0000	0.0000	0.0000
2016-10-04 04:00:00	0.5547	24.2473	0.0135	0.0790	0.0000	0.0000	0.0000
2016-10-04 04:15:00	0.0000	24.2473	0.0000	0.0790	0.0000	0.0000	0.0000
2016-10-04 04:30:00	0.0000	24.2473	0.0000	0.0790	0.0000	0.0000	0.0000
2016-10-04 04:45:00	0.0000	24.2473	0.0000	0.0790	0.0000	0.0000	0.0000
2016-10-04 05:00:00	0.0000	24.2473	0.0000	0.0790	0.0000	0.0000	0.0000
2016-10-04 05:15:00	0.0000	24.2473	0.0000	0.0790	0.0000	0.0000	0.0000
2016-10-04 05:30:00	0.0000	24.2473	0.0000	0.0963	0.0000	0.0000	0.0000
2016-10-04 05:45:00	0.0000	24.2473	0.0000	0.1964	0.0000	0.0000	0.0000
2016-10-04 06:00:00	0.0000	24.2473	0.0000	0.1964	0.0000	0.0000	0.0000
				0.4054	0.0000	0.0000	0.0000
2016-10-04 06:15:00	0.0000	24.2473	0.0000	0.1964	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-04 06:45:00	0.0000	24.2473	0.0000	0.3205	0.0000	0.0000	0.0000
2016-10-04 07:00:00	0.0000	24.2473	0.0000	0.4180	0.0000	0.0000	0.0000
2016-10-04 07:15:00	0.0000	24.2473	0.0000	0.3145	0.0000	0.0000	0.0000
2016-10-04 07:30:00	0.0000	24.2473	0.0000	0.3145	0.0000	0.0000	0.0000
2016-10-04 07:45:00	0.1519	24.2473	0.0037	0.3145	0.0000	0.0000	0.0000
2016-10-04 08:00:00	0.7172	24.2473	0.0174	0.2313	0.0002	0.0000	0.0000
2016-10-04 08:15:00	1.4279	24.2473	0.0346	0.1998	0.0003	0.0000	0.0000
2016-10-04 08:30:00	1.3047	24.2473	0.0316	0.1998	0.0003	0.0000	0.0000
2016-10-04 08:45:00	1.7108	24.2473	0.0415	0.1790	0.0003	0.0000	0.0000
2016-10-04 09:00:00	3.2117	24.2473	0.0779	0.0803	0.0003	0.0000	0.0000
2016-10-04 09:15:00	3.4339	24.2473	0.0833	0.0803	0.0003	0.0000	0.0000
2016-10-04 09:30:00	0.8992	24.2473	0.0218	0.0803	0.0001	0.0000	0.0000
2016-10-04 09:45:00	0.8015	24.2473	0.0194	0.0803	0.0001	0.0000	0.0000
2016-10-04 10:00:00	3.8943	24.2473	0.0944 0.1090	0.0803 0.0803	0.0003 0.0004	0.0000 0.0000	0.0000
2016-10-04 10:15:00	4.4962	24.2473	0.1090	0.0803			0.0000
2016-10-04 10:30:00	3.7560	24.2473	0.0911	0.0803	0.0003 0.0003	0.0000 0.0000	0.0000
2016-10-04 10:45:00	3.2755	24.2473		0.0803			0.0000
2016-10-04 11:00:00	3.9146	24.2473 24.2473	0.0949 0.1002	0.0803	0.0003 0.0003	0.0000 0.0000	0.0000
2016-10-04 11:15:00	4.1311			0.0803			
2016-10-04 11:30:00 2016-10-04 11:45:00	5.0159 4.6605	24.2473 5.9727	0.1216 0.0278	0.0803	0.0004 0.0005	0.0000 0.0000	0.0000
2016-10-04 11:45:00 2016-10-04 12:00:00	4.6605 3.2564	5.9727	0.0278	0.1018	0.0003	0.0000	0.0000
2016-10-04 12:00:00 2016-10-04 12:15:00	3.2564 2.3004	5.0098	0.0163	0.1033	0.0003	0.0000	0.0000
2016-10-04 12:15:00 2016-10-04 12:30:00	2.3004	5.0098	0.0115	0.1093	0.0003	0.0000	0.0000
2016-10-04 12:30:00	1.9413	5.0098	0.0120	0.1105	0.0003	0.0000	0.0000
2016-10-04 12:45:00	2.3273	5.0098	0.0097	0.1105	0.0002	0.0000	0.0000
2016-10-04 13:00:00	2.6990	5.0098	0.0117	0.1105	0.0003	0.0000	0.0000
2016-10-04 13:13:00	2.7629	5.0098	0.0138	0.1105	0.0003	0.0000	0.0000
2016-10-04 13:45:00	3.2572	5.0098	0.0163	0.1105	0.0003	0.0000	0.0000
2016-10-04 14:00:00	3.9304	5.0098	0.0197	0.1105	0.0004	0.0000	0.0000
2016-10-04 14:15:00	3.0110	5.0098	0.0151	0.1105	0.0003	0.0000	0.0000
2016-10-04 14:30:00	3.1604	5.0098	0.0158	0.1105	0.0003	0.0000	0.0000
2016-10-04 14:45:00	3.8572	5.0098	0.0193	0.1105	0.0004	0.0000	0.0000
2016-10-04 15:00:00	2.1133	5.0098	0.0106	0.1105	0.0002	0.0000	0.0000
2016-10-04 15:15:00	0.4088	5.0098	0.0020	0.1105	0.0000	0.0000	0.0000
2016-10-04 15:30:00	0.0000	5.0098	0.0000	0.1105	0.0000	0.0000	0.0000
2016-10-04 15:45:00	0.1522	5.0098	0.0008	0.1105	0.0000	0.0000	0.0000
2016-10-04 16:00:00	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-04 16:15:00	0.0000	5.0098	0.0000	0.2238	0.0000	0.0000	0.0000
2016-10-04 16:30:00	0.0000	5.0098	0.0000	0.1279	0.0000	0.0000	0.0000
2016-10-04 16:45:00	0.0000	5.0098	0.0000	0.0948	0.0000	0.0000	0.0000
2016-10-04 17:00:00	0.0000	5.0098	0.0000	0.0948	0.0000	0.0000	0.0000
2016-10-04 17:15:00	0.2063	5.0098	0.0010	0.0948	0.0000	0.0000	0.0000
2016-10-04 17:30:00	0.6864	5.0098	0.0034	0.1230	0.0001	0.0000	0.0000
2016-10-04 17:45:00	1.0070	5.0098	0.0050	0.2081	0.0002	0.0000	0.0000
2016-10-04 18:00:00	0.8155	5.0098	0.0041	0.2081	0.0002	0.0000	0.0000
2016-10-04 18:15:00	0.0775	5.0098	0.0004	0.2081	0.0000	0.0000	0.0000
2016-10-04 18:30:00	0.0000	5.0098	0.0000	0.2081	0.0000	0.0000	0.0000
2016-10-04 18:45:00	0.0000	5.0098	0.0000	0.1687	0.0000	0.0000	0.0000
2016-10-04 19:00:00	0.6247	5.0098	0.0031	0.0934	0.0001	0.0000	0.0000
2016-10-04 19:15:00	1.2556	5.0098	0.0063	0.0934	0.0001	0.0000	0.0000
2016-10-04 19:30:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 19:45:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 20:00:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 20:15:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 20:30:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 20:45:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 21:00:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 21:15:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 21:30:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 21:45:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 22:00:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 22:15:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 22:30:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-04 22:45:00	0.0180	5.0098	0.0001	0.0934	0.0000	0.0000	0.0000
2016-10-04 23:00:00	0.1349	5.0098	0.0007	0.0934	0.0000	0.0000	0.0000
2016-10-04 23:15:00	0.0193	5.0098	0.0001	0.0934	0.0000	0.0000	0.0000
2016-10-04 23:30:00	0.0183	5.0098	0.0001	0.0934	0.0000	0.0000	0.0000
2016-10-04 23:45:00	0.0187	5.0098	0.0001	0.0934	0.0000	0.0000	0.0000
2016-10-05 00:00:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 00:15:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 00:30:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2045 40 05 00 45 00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 00:45:00							
2016-10-05 00:45:00 2016-10-05 01:00:00	0.0000 0.0000	5.0098 5.0098	0.0000 0.0000	0.0934 0.0934	0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-05 01:30:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 01:45:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 02:00:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 02:15:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 02:30:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 02:45:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 03:00:00	0.6844	5.0098	0.0034	0.0934	0.0001	0.0000	0.0000
2016-10-05 03:15:00	0.2037	5.0098	0.0010	0.0934	0.0000	0.0000	0.0000
2016-10-05 03:30:00	0.2028	5.0098	0.0010	0.0934	0.0000	0.0000	0.0000
2016-10-05 03:45:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 04:00:00	0.0183	5.0098	0.0001	0.0934	0.0000	0.0000	0.0000
2016-10-05 04:15:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 04:30:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 04:45:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 05:00:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 05:15:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 05:30:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 05:45:00 2016-10-05 06:00:00	0.0000	5.0098	0.0000 0.0000	0.0934 0.0934	0.0000	0.0000 0.0000	0.0000 0.0000
	0.0000	5.0098			0.0000		
2016-10-05 06:15:00 2016-10-05 06:30:00	0.0000 0.0000	5.0098 5.0098	0.0000 0.0000	0.0934 0.0934	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-05 06:30:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 06:45:00	0.0000	5.0098	0.0000	0.0934	0.0000	0.0000	0.0000
2016-10-05 07:00:00	0.0000	5.0098	0.0000	0.1643	0.0000	0.0000	0.0000
2016-10-05 07:15:00	0.0000	5.0098	0.0000	0.2060	0.0000	0.0000	0.0000
2016-10-05 07:45:00	0.0786	5.0098	0.0004	0.0927	0.0000	0.0000	0.0000
2016-10-05 08:00:00	0.0823	5.0098	0.0004	0.0927	0.0000	0.0000	0.0000
2016-10-05 08:15:00	0.4582	5.0098	0.0023	0.0927	0.0000	0.0000	0.0000
2016-10-05 08:30:00	1.4087	5.0098	0.0071	0.0927	0.0001	0.0000	0.0000
2016-10-05 08:45:00	1.4696	5.0098	0.0071	0.0927	0.0001	0.0000	0.0000
2016-10-05 09:00:00	0.5270	5.0098	0.0026	0.0927	0.0000	0.0000	0.0000
2016-10-05 09:15:00	0.0757	5.0098	0.0004	0.0927	0.0000	0.0000	0.0000
2016-10-05 09:30:00	0.0000	5.0098	0.0000	0.0927	0.0000	0.0000	0.0000
2016-10-05 09:45:00	0.0000	5.0098	0.0000	0.0999	0.0000	0.0000	0.0000
2016-10-05 10:00:00	0.0000	5.0098	0.0000	0.2067	0.0000	0.0000	0.0000
2016-10-05 10:15:00	0.0000	5.0098	0.0000	0.2067	0.0000	0.0000	0.0000
2016-10-05 10:30:00	0.0000	5.0098	0.0000	0.2067	0.0000	0.0000	0.0000
2016-10-05 10:45:00	0.0000	5.0098	0.0000	0.2067	0.0000	0.0000	0.0000
2016-10-05 11:00:00	0.0000	5.0098	0.0000	0.2067	0.0000	0.0000	0.0000
2016-10-05 11:15:00	0.0000	5.0098	0.0000	0.2067	0.0000	0.0000	0.0000
2016-10-05 11:30:00	0.0225	5.0098	0.0001	0.2067	0.0000	0.0000	0.0000
2016-10-05 11:45:00	0.4031	5.0098	0.0020	0.2067	0.0001	0.0000	0.0000
2016-10-05 12:00:00	0.0996	5.0098	0.0005	0.2067	0.0000	0.0000	0.0000
2016-10-05 12:15:00	0.9228	5.0098	0.0046	0.1925	0.0002	0.0000	0.0000
2016-10-05 12:30:00	0.0844	5.0098	0.0004	0.0920	0.0000	0.0000	0.0000
2016-10-05 12:45:00	0.0836	5.0098	0.0004	0.0920	0.0000	0.0000	0.0000
2016-10-05 13:00:00	0.1142	5.0098	0.0006	0.0920	0.0000	0.0000	0.0000
2016-10-05 13:15:00	0.4518	5.0098	0.0023	0.1890	0.0001	0.0000	0.0000
2016-10-05 13:30:00	0.2239	5.0098	0.0011	0.2060	0.0000	0.0000	0.0000
2016-10-05 13:45:00	0.0246	5.0098	0.0001	0.2060	0.0000	0.0000	0.0000
2016-10-05 14:00:00	0.0193	5.0098	0.0001	0.2060	0.0000	0.0000	0.0000
2016-10-05 14:15:00	0.0802	5.0098	0.0004	0.2060	0.0000	0.0000	0.0000
2016-10-05 14:30:00	0.0584	5.0098	0.0003	0.2060	0.0000	0.0000	0.0000
2016-10-05 14:45:00	0.0407	5.0098	0.0002	0.2060	0.0000	0.0000	0.0000
2016-10-05 15:00:00	0.0000	5.0098	0.0000	0.2060	0.0000	0.0000	0.0000
2016-10-05 15:15:00	0.0202	5.0098	0.0001	0.2060	0.0000	0.0000	0.0000
2016-10-05 15:30:00	0.0242	5.0098	0.0001	0.2060	0.0000	0.0000	0.0000
2016-10-05 15:45:00	0.0000	5.0098	0.0000	0.1838	0.0000	0.0000	0.0000
2016-10-05 16:00:00	0.0000	5.0098	0.0000	0.1360	0.0000	0.0000	0.0000
2016-10-05 16:15:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 16:30:00	0.0000	5.0098	0.0000	0.1045	0.0000	0.0000	0.0000
2016-10-05 16:45:00	0.0000	5.0098	0.0000	0.0927	0.0000	0.0000	0.0000
2016-10-05 17:00:00	0.0000	5.0098	0.0000	0.0927	0.0000	0.0000	0.0000
2016-10-05 17:15:00	0.0000	5.0098	0.0000	0.0927	0.0000	0.0000	0.0000
2016-10-05 17:30:00	0.0000	5.0098	0.0000	0.0927	0.0000	0.0000	0.0000
2016-10-05 17:45:00	0.0000	5.0098	0.0000	0.0927	0.0000	0.0000	0.0000
2016-10-05 18:00:00	0.0000	5.0098	0.0000	0.1296	0.0000	0.0000	0.0000
2016-10-05 18:15:00	0.0000	5.0098	0.0000	0.1859	0.0000	0.0000	0.0000
2016-10-05 18:30:00	0.0000	5.0098	0.0000	0.1947	0.0000	0.0000	0.0000
2016-10-05 18:45:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 19:00:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 19:15:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 19:30:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 19:45:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 20:00:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-05 20:15:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 20:30:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 20:45:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 21:00:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 21:15:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 21:30:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 21:45:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 22:00:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 22:15:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 22:30:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 22:45:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 23:00:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 23:15:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 23:30:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-05 23:45:00	0.0000	5.0098	0.0000	0.2053	0.0000	0.0000	0.0000
2016-10-06 00:00:00	0.0000	5.0098	0.0000	0.2271	0.0000	0.0000	0.0000
2016-10-06 00:15:00	0.1572	5.0098	0.0008	0.3179	0.0000	0.0000	0.0000
2016-10-06 00:30:00 2016-10-06 00:45:00	0.0000	5.0098	0.0000 0.0002	0.3179	0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-06 00:45:00	0.0398	5.0098		0.3179 0.3179	0.0000 0.0000	0.0000	0.0000
2016-10-06 01:00:00	0.0374 0.0362	5.0098 5.0098	0.0002 0.0002	0.3179	0.0000	0.0000	0.0000
2016-10-06 01:15:00			0.0002	0.3179	0.0000	0.0000	0.0000
2016-10-06 01:30:00	0.0000 0.0000	5.0098 5.0098	0.0000	0.3179	0.0000	0.0000	0.0000
2016-10-06 01:45:00	0.1733	5.0098	0.0000	0.3179	0.0000	0.0000	0.0000
2016-10-06 02:00:00	0.1733	5.0098	0.0009	0.2053	0.0001	0.0000	0.0000
2016-10-06 02:30:00	0.0181	5.0098	0.0001	0.2733	0.0000	0.0000	0.0000
2016-10-06 02:45:00	0.0391	5.0098	0.0002	0.3165	0.0000	0.0000	0.0000
2016-10-06 03:00:00	0.0000	5.0098	0.0002	0.3165	0.0000	0.0000	0.0000
2016-10-06 03:15:00	0.0000	5.0098	0.0000	0.3165	0.0000	0.0000	0.0000
2016-10-06 03:30:00	0.0000	5.0098	0.0000	0.2135	0.0000	0.0000	0.0000
2016-10-06 03:45:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 04:00:00	0.1074	5.0098	0.0005	0.2005	0.0000	0.0000	0.0000
2016-10-06 04:15:00	0.3222	5.0098	0.0016	0.2005	0.0001	0.0000	0.0000
2016-10-06 04:30:00	0.3008	5.0098	0.0015	0.2005	0.0001	0.0000	0.0000
2016-10-06 04:45:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 05:00:00	0.1695	5.0098	0.0008	0.2005	0.0000	0.0000	0.0000
2016-10-06 05:15:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 05:30:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 05:45:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 06:00:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 06:15:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 06:30:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 06:45:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 07:00:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 07:15:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 07:30:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 07:45:00	0.0790	5.0098	0.0004	0.2005	0.0000	0.0000	0.0000
2016-10-06 08:00:00	0.0374	5.0098	0.0002	0.2005	0.0000	0.0000	0.0000
2016-10-06 08:15:00	0.0755	5.0098	0.0004	0.2005	0.0000	0.0000	0.0000
2016-10-06 08:30:00	0.5534	5.0098	0.0028	0.2005	0.0001	0.0000	0.0000
2016-10-06 08:45:00	0.0384	5.0098	0.0002	0.2005	0.0000	0.0000	0.0000
2016-10-06 09:00:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 09:15:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 09:30:00	0.0375	5.0098	0.0002	0.2005	0.0000	0.0000	0.0000
2016-10-06 09:45:00	0.0181	5.0098	0.0001	0.2005	0.0000	0.0000	0.0000
2016-10-06 10:00:00	0.0951	5.0098	0.0005	0.2005	0.0000	0.0000	0.0000
2016-10-06 10:15:00	0.1812	5.0098	0.0009	0.2005	0.0000	0.0000	0.0000
2016-10-06 10:30:00	0.5118	5.0098	0.0026	0.2005	0.0001	0.0000	0.0000
2016-10-06 10:45:00	0.4392	5.0098	0.0022	0.2005	0.0001	0.0000	0.0000
2016-10-06 11:00:00	0.1452	5.0098	0.0007	0.2005	0.0000	0.0000	0.0000
2016-10-06 11:15:00	0.2867	5.0098	0.0014	0.2005	0.0001	0.0000	0.0000
2016-10-06 11:30:00	0.2314	5.0098	0.0012	0.2005	0.0000	0.0000	0.0000
2016-10-06 11:45:00	0.2255	5.0098	0.0011	0.2005	0.0000	0.0000	0.0000
2016-10-06 12:00:00	0.0970	5.0098	0.0005	0.2005	0.0000	0.0000	0.0000
2016-10-06 12:15:00	0.1254	5.0098	0.0006	0.2005	0.0000	0.0000	0.0000
2016-10-06 12:30:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 12:45:00	0.0000	5.0098	0.0000	0.2005	0.0000	0.0000	0.0000
2016-10-06 13:00:00	0.2779	5.0098	0.0014	0.2005	0.0001	0.0000	0.0000
2016-10-06 13:15:00	1.0310	5.0098	0.0052	0.2005	0.0002	0.0000	0.0000
2016-10-06 13:30:00	0.4523	5.0098	0.0023	0.2005	0.0001	0.0000	0.0000
2016-10-06 13:45:00	0.3835	5.0098	0.0019	0.2005	0.0001	0.0000	0.0000
2016-10-06 14:00:00	0.9571	5.0098	0.0048	0.2005	0.0002	0.0000	0.0000
2016-10-06 14:15:00	0.5570	5.0098	0.0028	0.2005	0.0001	0.0000	0.0000
2016-10-06 14:30:00	0.4749	5.0098	0.0024	0.1262	0.0001	0.0000	0.0000
2016-10-06 14:45:00	0.2443	5.0098	0.0012	0.1217	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-06 15:00:00	0.2112	5.0098	0.0011	0.1103	0.0000	0.0000	0.0000
2016-10-06 15:15:00	0.3606	5.0098	0.0018	0.0803	0.0000	0.0000	0.0000
2016-10-06 15:30:00	0.3743	5.0098	0.0019	0.0803	0.0000	0.0000	0.0000
2016-10-06 15:45:00 2016-10-06 16:00:00	0.2729 0.0192	5.0098 5.0098	0.0014 0.0001	0.0803 0.0803	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-06 16:00:00	0.0000	5.0098	0.0001	0.0803	0.0000	0.0000	0.0000
2016-10-06 16:30:00	0.0190	5.0098	0.0001	0.0803	0.0000	0.0000	0.0000
2016-10-06 16:45:00	0.0000	5.0098	0.0001	0.0803	0.0000	0.0000	0.0000
2016-10-06 17:00:00	0.0216	5.0098	0.0001	0.0803	0.0000	0.0000	0.0000
2016-10-06 17:15:00	0.0000	5.0098	0.0000	0.0803	0.0000	0.0000	0.0000
2016-10-06 17:30:00	0.0392	5.0098	0.0002	0.1279	0.0000	0.0000	0.0000
2016-10-06 17:45:00	0.0989	5.0098	0.0005	0.1922	0.0000	0.0000	0.0000
2016-10-06 18:00:00	0.1711	5.0098	0.0009	0.1971	0.0000	0.0000	0.0000
2016-10-06 18:15:00	0.1341	5.0098	0.0007	0.1971	0.0000	0.0000	0.0000
2016-10-06 18:30:00	0.1168	5.0098	0.0006	0.2014	0.0000	0.0000	0.0000
2016-10-06 18:45:00	3.1415	5.0098	0.0157	0.2644	0.0008	0.0000	0.0000
2016-10-06 19:00:00	1.2372	5.0098	0.0062	0.2344	0.0003	0.0000	0.0000
2016-10-06 19:15:00	0.3922	5.0098	0.0020	0.2087	0.0001	0.0000	0.0000
2016-10-06 19:30:00	0.2436	5.0098	0.0012	0.2087	0.0001	0.0000	0.0000
2016-10-06 19:45:00	0.0917	5.0098	0.0005	0.2087	0.0000	0.0000	0.0000
2016-10-06 20:00:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-06 20:15:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-06 20:30:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-06 20:45:00	0.0180	5.0098	0.0001	0.2087	0.0000	0.0000	0.0000
2016-10-06 21:00:00	0.0193	5.0098	0.0001	0.2087	0.0000	0.0000	0.0000
2016-10-06 21:15:00	0.0195	5.0098	0.0001	0.2087	0.0000	0.0000	0.0000
2016-10-06 21:30:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-06 21:45:00	0.0194	5.0098	0.0001	0.2087	0.0000	0.0000	0.0000
2016-10-06 22:00:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-06 22:15:00	0.0590	5.0098	0.0003	0.2087	0.0000	0.0000	0.0000
2016-10-06 22:30:00	0.1592	5.0098	0.0008	0.2087	0.0000	0.0000	0.0000
2016-10-06 22:45:00	0.1333	5.0098	0.0007	0.2087	0.0000	0.0000	0.0000
2016-10-06 23:00:00	0.0988	5.0098	0.0005	0.2087	0.0000	0.0000	0.0000
2016-10-06 23:15:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-06 23:30:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-06 23:45:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-07 00:00:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-07 00:15:00	0.0000	5.0098	0.0000	0.2087 0.2087	0.0000 0.0000	0.0000 0.0000	0.0000
2016-10-07 00:30:00 2016-10-07 00:45:00	0.0000 0.0000	5.0098 5.0098	0.0000 0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-07 00:45:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-07 01:00:00	0.0000	5.0098	0.0000	0.2087	0.0000	0.0000	0.0000
2016-10-07 01:13:00	0.0000	5.0098	0.0000	0.2783	0.0000	0.0000	0.0000
2016-10-07 01:45:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 02:00:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 02:05:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 02:30:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 02:45:00	0.0000	5.0098	0.0000	0.2949	0.0000	0.0000	0.0000
2016-10-07 03:00:00	0.0000	5.0098	0.0000	0.2081	0.0000	0.0000	0.0000
2016-10-07 03:15:00	0.0000	5.0098	0.0000	0.2081	0.0000	0.0000	0.0000
2016-10-07 03:30:00	0.0000	5.0098	0.0000	0.2081	0.0000	0.0000	0.0000
2016-10-07 03:45:00	0.0000	5.0098	0.0000	0.2081	0.0000	0.0000	0.0000
2016-10-07 04:00:00	0.0000	5.0098	0.0000	0.2081	0.0000	0.0000	0.0000
2016-10-07 04:15:00	0.0000	5.0098	0.0000	0.2081	0.0000	0.0000	0.0000
2016-10-07 04:30:00	0.0000	5.0098	0.0000	0.3207	0.0000	0.0000	0.0000
2016-10-07 04:45:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 05:00:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 05:15:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 05:30:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 05:45:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 06:00:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 06:15:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 06:30:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 06:45:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 07:00:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 07:15:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 07:30:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 07:45:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 08:00:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 08:15:00			0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 08:15:00 2016-10-07 08:30:00	0.0000	5.0098	0.0000	0.5214		0.0000	
2016-10-07 08:30:00 2016-10-07 08:45:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 08:30:00 2016-10-07 08:45:00 2016-10-07 09:00:00	0.0000 0.0000	5.0098 5.0098	0.0000 0.0000	0.3214 0.3214	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-07 08:30:00 2016-10-07 08:45:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-07 09:45:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 10:00:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 10:15:00	0.0000	5.0098	0.0000	0.3214	0.0000	0.0000	0.0000
2016-10-07 10:30:00	0.0000	5.0098	0.0000	0.2113	0.0000	0.0000	0.0000
2016-10-07 10:45:00	0.0000	5.0098	0.0000	0.2074	0.0000	0.0000	0.0000
2016-10-07 11:00:00	0.0236	5.0098	0.0001	0.2074	0.0000	0.0000	0.0000
2016-10-07 11:15:00	0.0000	5.0098	0.0000	0.2074	0.0000	0.0000	0.0000
2016-10-07 11:30:00	0.0000	5.0098	0.0000	0.2851	0.0000	0.0000	0.0000
2016-10-07 11:45:00	0.1684	5.0098	0.0008	0.3214	0.0001	0.0000	0.0000
2016-10-07 12:00:00	0.6793	5.0098	0.0034	0.3214	0.0002	0.0000	0.0000
2016-10-07 12:15:00	0.1668	5.0098	0.0008	0.3214	0.0001	0.0000	0.0000
2016-10-07 12:30:00	0.1721	5.0098	0.0009	0.3214	0.0001	0.0000	0.0000
2016-10-07 12:45:00	0.3063	5.0098	0.0015	0.3214	0.0001	0.0000	0.0000
2016-10-07 13:00:00	0.1760	5.0098	0.0009	0.3214	0.0001	0.0000	0.0000
2016-10-07 13:15:00	0.4780	5.0098	0.0024	0.3214	0.0002	0.0000	0.0000
2016-10-07 13:30:00	0.1749	5.0098	0.0009	0.3214	0.0001	0.0000	0.0000
2016-10-07 13:45:00	0.1300	5.0098	0.0007	0.3214	0.0000	0.0000	0.0000
2016-10-07 14:00:00	0.3363	5.0098	0.0017	0.3214	0.0001	0.0000	0.0000
2016-10-07 14:15:00	0.1279	5.0098	0.0006	0.3214	0.0000	0.0000	0.0000
2016-10-07 14:30:00	0.3033	5.0098	0.0015	0.3004	0.0001	0.0000	0.0000
2016-10-07 14:45:00	0.1588	5.0098	0.0008	0.3112	0.0000	0.0000	0.0000
2016-10-07 15:00:00	0.0215	5.0098	0.0001	0.2796	0.0000	0.0000	0.0000
2016-10-07 15:15:00	0.0386 0.1149	5.0098 5.0098	0.0002 0.0006	0.2026 0.2897	0.0000 0.0000	0.0000 0.0000	0.0000
2016-10-07 15:30:00 2016-10-07 15:45:00	0.1149	5.0098	0.0006	0.2897	0.0000	0.0000	0.0000
2016-10-07 15:45:00 2016-10-07 16:00:00	0.1901	5.0098	0.0010	0.3165	0.0001	0.0000	0.0000
2016-10-07 16:00:00	0.0000	5.0098	0.0003	0.2382	0.0000	0.0000	0.0000
2016-10-07 16:30:00	0.0000	5.0098	0.0000	0.1393	0.0000	0.0000	0.0000
2016-10-07 16:30:00	0.1203	5.0098	0.0006	0.1714	0.0000	0.0000	0.0000
2016-10-07 17:00:00	0.0557	5.0098	0.0003	0.2153	0.0000	0.0000	0.0000
2016-10-07 17:00:00	0.3440	5.0098	0.0003	0.2609	0.0001	0.0000	0.0000
2016-10-07 17:13:00	0.4792	5.0098	0.0017	0.2903	0.0001	0.0000	0.0000
2016-10-07 17:45:00	2.0560	5.0098	0.0103	0.3742	0.0001	0.0000	0.0000
2016-10-07 18:00:00	2.2965	5.0098	0.0105	0.3742	0.0009	0.0000	0.0000
2016-10-07 18:15:00	2.6783	5.0098	0.0113	0.3742	0.0010	0.0000	0.0000
2016-10-07 18:30:00	1.4692	5.0098	0.0074	0.3742	0.0005	0.0000	0.0000
2016-10-07 18:45:00	0.2905	5.0098	0.0015	0.3742	0.0001	0.0000	0.0000
2016-10-07 19:00:00	0.2861	5.0098	0.0014	0.3742	0.0001	0.0000	0.0000
2016-10-07 19:15:00	0.4660	5.0098	0.0023	0.3742	0.0002	0.0000	0.0000
2016-10-07 19:30:00	0.6446	5.0098	0.0032	0.3742	0.0002	0.0000	0.0000
2016-10-07 19:45:00	0.0560	5.0098	0.0003	0.3742	0.0000	0.0000	0.0000
2016-10-07 20:00:00	0.0946	5.0098	0.0005	0.3742	0.0000	0.0000	0.0000
2016-10-07 20:15:00	0.6779	5.0098	0.0034	0.3742	0.0003	0.0000	0.0000
2016-10-07 20:30:00	0.5339	5.0098	0.0027	0.3742	0.0002	0.0000	0.0000
2016-10-07 20:45:00	0.2353	5.0098	0.0012	0.3742	0.0001	0.0000	0.0000
2016-10-07 21:00:00	0.1418	5.0098	0.0007	0.3665	0.0001	0.0000	0.0000
2016-10-07 21:15:00	0.0962	5.0098	0.0005	0.3159	0.0000	0.0000	0.0000
2016-10-07 21:30:00	0.0585	5.0098	0.0003	0.3159	0.0000	0.0000	0.0000
2016-10-07 21:45:00	0.0208	5.0098	0.0001	0.3159	0.0000	0.0000	0.0000
2016-10-07 22:00:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000
2016-10-07 22:15:00	0.0394	5.0098	0.0002	0.3159	0.0000	0.0000	0.0000
2016-10-07 22:30:00	0.0399	5.0098	0.0002	0.3159	0.0000	0.0000	0.0000
2016-10-07 22:45:00	0.1541	5.0098	0.0008	0.3159	0.0000	0.0000	0.0000
2016-10-07 23:00:00	0.0558	5.0098	0.0003	0.3159	0.0000	0.0000	0.0000
2016-10-07 23:15:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000
2016-10-07 23:30:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000
2016-10-07 23:45:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000
2016-10-08 00:00:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000
2016-10-08 00:15:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000
2016-10-08 00:30:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000
2016-10-08 00:45:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000
2016-10-08 01:00:00	0.1503	5.0098	0.0008	0.3159	0.0000	0.0000	0.0000
2016-10-08 01:15:00	0.1871	5.0098	0.0009	0.3722	0.0001	0.0000	0.0000
2016-10-08 01:30:00	0.0394	5.0098	0.0002	0.4305	0.0000	0.0000	0.0000
2016-10-08 01:45:00	0.0898	5.0098	0.0004	0.4305	0.0000	0.0000	0.0000
2016-10-08 02:00:00	0.0183	5.0098	0.0001	0.4305	0.0000	0.0000	0.0000
2016-10-08 02:15:00	0.2012	5.0098	0.0010	0.3385	0.0001	0.0000	0.0000
2016-10-08 02:30:00	0.2780	5.0098	0.0014	0.3159	0.0001	0.0000	0.0000
2016-10-08 02:45:00	0.1236	5.0098	0.0006	0.3159	0.0000	0.0000	0.0000
2016-10-08 03:00:00	1.2649	5.0098	0.0063	0.3959	0.0005	0.0000	0.0000
2016-10-08 03:15:00	1.5814	5.0098	0.0079	0.3983	0.0006	0.0000	0.0000
	1.9436	5.0098	0.0097	0.4036	0.0008	0.0000	0.0000
2016-10-08 03:30:00	1.5450	3.0038	0.0037				
2016-10-08 03:30:00 2016-10-08 03:45:00	1.3798	5.0098	0.0069	0.3964	0.0005	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-08 04:30:00	0.0751	5.0098	0.0004	0.3969	0.0000	0.0000	0.0000
2016-10-08 04:45:00	0.2167	5.0098	0.0011	0.3969	0.0001	0.0000	0.0000
2016-10-08 05:00:00	0.3290	5.0098	0.0016	0.3969	0.0001	0.0000	0.0000
2016-10-08 05:15:00	0.1827	5.0098	0.0009	0.3969	0.0001	0.0000	0.0000
2016-10-08 05:30:00	0.5608	5.0098	0.0028	0.3969	0.0002	0.0000	0.0000
2016-10-08 05:45:00	0.6541	5.0098	0.0033	0.3611	0.0002	0.0000	0.0000
2016-10-08 06:00:00	1.3233	5.0098	0.0066	0.2965	0.0004	0.0000	0.0000
2016-10-08 06:15:00	1.0620	5.0098	0.0053	0.3365	0.0004	0.0000	0.0000
2016-10-08 06:30:00	0.6081	5.0098	0.0030	0.3287	0.0002	0.0000	0.0000
2016-10-08 06:45:00	1.3712	5.0098	0.0069	0.3438	0.0005	0.0000	0.0000
2016-10-08 07:00:00	3.2937	5.0098	0.0165	0.1976	0.0007	0.0000	0.0000
2016-10-08 07:15:00	1.8631	5.0098	0.0093	0.2893	0.0005	0.0000	0.0000
2016-10-08 07:30:00	1.8584	5.0098	0.0093	0.2973	0.0006	0.0000	0.0000
2016-10-08 07:45:00	3.7229	5.0098	0.0187 0.0210	0.2701 0.2979	0.0010 0.0012	0.0000 0.0000	0.0000
2016-10-08 08:00:00	4.1935	5.0098					0.0000
2016-10-08 08:15:00	5.3609	5.0098	0.0269 0.0211	0.2783 0.2868	0.0015 0.0012	0.0000 0.0000	0.0000
2016-10-08 08:30:00	4.2047	5.0098					0.0000
2016-10-08 08:45:00	3.5712	5.0098 5.0098	0.0179 0.0304	0.3731 0.5490	0.0013 0.0033	0.0000 0.0000	0.0000
2016-10-08 09:00:00	6.0678						
2016-10-08 09:15:00 2016-10-08 09:30:00	5.4568 3.8170	5.0098 5.0098	0.0273 0.0191	0.2888 0.3178	0.0016 0.0012	0.0000 0.0000	0.0000
2016-10-08 09:30:00 2016-10-08 09:45:00	3.8170 2.5512	5.0098	0.0191	0.3178	0.0012	0.0000	0.0000
2016-10-08 09:45:00 2016-10-08 10:00:00	2.5512 3.7281	5.0098	0.0128	0.3099	0.0008	0.0000	0.0000
2016-10-08 10:00:00	2.6846	5.0098	0.0187	0.2806	0.0010	0.0000	0.0000
2016-10-08 10:15:00	2.6846	5.0098	0.0134	0.2634	0.0007	0.0000	0.0000
2016-10-08 10:30:00	2.6004	5.0098	0.0113	0.3104	0.0007	0.0000	0.0000
2016-10-08 10:45:00	2.8505	5.0098	0.0130	0.2505	0.0007	0.0000	0.0000
2016-10-08 11:00:00	2.9462	5.0098	0.0143	0.1932	0.0006	0.0000	0.0000
2016-10-08 11:30:00	3.6678	5.0098	0.0148	0.1665	0.0006	0.0000	0.0000
2016-10-08 11:45:00	6.9633	5.0098	0.0349	0.1544	0.0011	0.0000	0.0000
2016-10-08 12:00:00	5.7274	5.0098	0.0287	0.7391	0.0042	0.0000	0.0000
2016-10-08 12:15:00	4.0781	5.0098	0.0204	1.6662	0.0068	0.0000	0.0000
2016-10-08 12:30:00	7.0062	5.0098	0.0351	2.8811	0.0202	0.0000	0.0000
2016-10-08 12:45:00	4.6799	5.0098	0.0234	0.2901	0.0014	0.0000	0.0000
2016-10-08 13:00:00	6.5272	5.0098	0.0327	0.4111	0.0027	0.0000	0.0000
2016-10-08 13:15:00	6.5984	5.0098	0.0331	0.5136	0.0034	0.0000	0.0000
2016-10-08 13:30:00	4.6442	5.0098	0.0233	0.1727	0.0008	0.0000	0.0000
2016-10-08 13:45:00	4.4883	5.0098	0.0225	0.1944	0.0009	0.0000	0.0000
2016-10-08 14:00:00	4.6132	5.0098	0.0231	0.1191	0.0005	0.0000	0.0000
2016-10-08 14:15:00	6.0516	5.0098	0.0303	0.1331	0.0008	0.0000	0.0000
2016-10-08 14:30:00	5.8231	5.0098	0.0292	0.0000	0.0000	0.0000	0.0000
2016-10-08 14:45:00	4.4874	5.0098	0.0225	0.0760	0.0003	0.0000	0.0000
2016-10-08 15:00:00	4.4496	5.0098	0.0223	2.2547	0.0100	0.0000	0.0000
2016-10-08 15:15:00	4.4311	5.0098	0.0222	2.9625	0.0131	0.0000	0.0000
2016-10-08 15:30:00	6.7957	5.0098	0.0340	0.7414	0.0050	0.0000	0.0000
2016-10-08 15:45:00	5.3145	5.0098	0.0266	0.0858	0.0005	0.0000	0.0000
2016-10-08 16:00:00	4.7919	5.0098	0.0240	1.3953	0.0067	0.0000	0.0000
2016-10-08 16:15:00	3.5265	5.0098	0.0177	2.5982	0.0092	0.0000	0.0000
2016-10-08 16:30:00	5.5612	5.0098	0.0279	2.5694	0.0143	0.0000	0.0000
2016-10-08 16:45:00	4.8156	5.0098	0.0241	2.5776	0.0124	0.0000	0.0000
2016-10-08 17:00:00	6.0201	5.0098	0.0302	2.7699	0.0167	0.0000	0.0000
2016-10-08 17:15:00	6.5822	5.0098	0.0330	0.6340	0.0042	0.0000	0.0000
2016-10-08 17:30:00	6.9007	5.0098	0.0346	1.2605	0.0087	0.0000	0.0000
2016-10-08 17:45:00	7.2982	5.0098	0.0366	0.2747	0.0020	0.0000	0.0000
2016-10-08 18:00:00	5.9934	5.0098	0.0300	0.3187	0.0019	0.0000	0.0000
2016-10-08 18:15:00	6.2310	5.0098	0.0312	0.1510	0.0009	0.0000	0.0000
2016-10-08 18:30:00	6.1838	5.0098	0.0310	0.2630	0.0016	0.0000	0.0000
2016-10-08 18:45:00	6.1545	5.0098	0.0308	0.1363	0.0008	0.0000	0.0000
2016-10-08 19:00:00	6.7083	5.0098	0.0336	0.1222	0.0008	0.0000	0.0000
2016-10-08 19:15:00	5.9361	5.0098	0.0297	0.1861	0.0011	0.0000	0.0000
2016-10-08 19:30:00	5.7524	5.0098	0.0288	0.1157	0.0007	0.0000	0.0000
2016-10-08 19:45:00	5.4809	5.0098	0.0275	0.1276	0.0007	0.0000	0.0000
2016-10-08 20:00:00	5.1705	5.0098	0.0259	0.1895	0.0010	0.0000	0.0000
2016-10-08 20:15:00	4.9409	5.0098	0.0248	0.1687	0.0008	0.0000	0.0000
2016-10-08 20:30:00	4.6955	5.0098	0.0235	0.1257	0.0006	0.0000	0.0000
2016-10-08 20:45:00	3.1980	5.0098	0.0160	0.3853	0.0012	0.0000	0.0000
2016-10-08 21:00:00	2.1995	5.0098	0.0110	0.3558	0.0008	0.0000	0.0000
2016-10-08 21:15:00	2.8071	5.0098	0.0141	0.3295	0.0009	0.0000	0.0000
2016-10-08 21:30:00	2.9665	5.0098	0.0149	0.3773	0.0011	0.0000	0.0000
	1.8595	5.0098	0.0093	0.4044	0.0008	0.0000	0.0000
2016-10-08 21:45:00					0.0013		0.0000
2016-10-08 21:45:00 2016-10-08 22:00:00	2.9071	5.0098	0.0146	0.3986	0.0012	0.0000	0.0000
2016-10-08 22:00:00 2016-10-08 22:15:00	2.9071 3.2996	5.0098	0.0165	0.2598	0.0009	0.0000	0.0000
2016-10-08 22:00:00 2016-10-08 22:15:00 2016-10-08 22:30:00	2.9071 3.2996 2.3104	5.0098 5.0098	0.0165 0.0116	0.2598 0.2925	0.0009 0.0007	0.0000 0.0000	0.0000 0.0000
2016-10-08 22:00:00 2016-10-08 22:15:00	2.9071 3.2996	5.0098	0.0165	0.2598	0.0009	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-08 23:15:00	0.7414	5.0098	0.0037	0.2925	0.0002	0.0000	0.0000	
2016-10-08 23:30:00	0.0369	5.0098	0.0002	0.2925	0.0000	0.0000	0.0000	
2016-10-08 23:45:00	0.1852	5.0098	0.0009	0.2925	0.0001	0.0000	0.0000	
2016-10-09 00:00:00	0.3853	5.0098	0.0019	0.2735	0.0001	0.0000	0.0000	
2016-10-09 00:15:00	1.1725	5.0098	0.0059	0.1938	0.0002	0.0000	0.0000	
2016-10-09 00:30:00	1.7591	5.0098	0.0088	0.2253	0.0004	0.0000	0.0000	
2016-10-09 00:45:00	1.6786	5.0098	0.0084	0.2100	0.0004	0.0000	0.0000	
2016-10-09 01:00:00	3.0884	5.0098	0.0155	0.1404	0.0004	0.0000	0.0000	
2016-10-09 01:15:00	3.6813	5.0098	0.0184	0.1891	0.0007	0.0000	0.0000	
2016-10-09 01:30:00	3.9955	5.0098	0.0200	0.2414	0.0010	0.0000	0.0000	
2016-10-09 01:45:00	3.6260	5.0098	0.0182	0.2229	0.0008	0.0000	0.0000	
2016-10-09 02:00:00	4.4403	5.0098	0.0222	0.1122	0.0005	0.0000	0.0000	
2016-10-09 02:15:00	3.6024	5.0098	0.0180	0.1635	0.0006	0.0000	0.0000	
2016-10-09 02:30:00	3.1436	5.0098	0.0157 0.0045	0.2398 0.2699	0.0008 0.0002	0.0000 0.0000	0.0000	
2016-10-09 02:45:00	0.8918	5.0098	0.0045	0.2699				
2016-10-09 03:00:00	0.6561	5.0098		0.2699	0.0002 0.0004	0.0000 0.0000	0.0000	
2016-10-09 03:15:00	1.3737	5.0098	0.0069	0.2699			0.0000	
2016-10-09 03:30:00	0.4721	5.0098 5.0098	0.0024 0.0024	0.2699	0.0001 0.0001	0.0000 0.0000	0.0000	
2016-10-09 03:45:00 2016-10-09 04:00:00	0.4738							
2016-10-09 04:00:00	0.0784 0.4846	5.0098 5.0098	0.0004 0.0024	0.2699 0.2699	0.0000 0.0001	0.0000 0.0000	0.0000	
2016-10-09 04:15:00 2016-10-09 04:30:00	0.4846 0.2086	5.0098	0.0024	0.2699	0.0001	0.0000	0.0000	
2016-10-09 04:30:00	0.2086	5.0098	0.0010	0.2699	0.0001	0.0000	0.0000	
2016-10-09 04:45:00 2016-10-09 05:00:00	0.5001	5.0098	0.0025	0.2699	0.0001	0.0000	0.0000	
2016-10-09 05:15:00	1.1127	5.0098	0.0029	0.1029	0.0001	0.0000	0.0000	
2016-10-09 05:15:00	0.8301	5.0098	0.0036	0.1435	0.0002	0.0000	0.0000	
2016-10-09 05:45:00	0.9305	5.0098	0.0042	0.1435	0.0001	0.0000	0.0000	
2016-10-09 06:00:00	1.2034	5.0098	0.0060	0.1435	0.0002	0.0000	0.0000	
2016-10-09 06:15:00	0.9301	5.0098	0.0047	0.1435	0.0001	0.0000	0.0000	
2016-10-09 06:30:00	0.4704	5.0098	0.0024	0.1435	0.0001	0.0000	0.0000	
2016-10-09 06:45:00	1.0278	5.0098	0.0051	0.1435	0.0001	0.0000	0.0000	
2016-10-09 07:00:00	0.8936	5.0098	0.0045	0.1435	0.0001	0.0000	0.0000	
2016-10-09 07:15:00	0.9375	5.0098	0.0047	0.1435	0.0001	0.0000	0.0000	
2016-10-09 07:30:00	1.3263	5.0098	0.0066	0.1435	0.0002	0.0000	0.0000	
2016-10-09 07:45:00	2.2511	5.0098	0.0113	0.1435	0.0003	0.0000	0.0000	
2016-10-09 08:00:00	3.6346	5.0098	0.0182	0.2155	0.0008	0.0000	0.0000	
2016-10-09 08:15:00	3.9606	5.0098	0.0198	0.2589	0.0010	0.0000	0.0000	
2016-10-09 08:30:00	2.6026	5.0098	0.0130	0.2589	0.0007	0.0000	0.0000	
2016-10-09 08:45:00	3.0494	5.0098	0.0153	0.2589	0.0008	0.0000	0.0000	
2016-10-09 09:00:00	2.5850	5.0098	0.0130	0.2589	0.0007	0.0000	0.0000	
2016-10-09 09:15:00	1.8234	5.0098	0.0091	0.2589	0.0005	0.0000	0.0000	
2016-10-09 09:30:00	1.8720	5.0098	0.0094	0.2589	0.0005	0.0000	0.0000	
2016-10-09 09:45:00	1.3755	5.0098	0.0069	0.2589	0.0004	0.0000	0.0000	
2016-10-09 10:00:00	1.6376	5.0098	0.0082	0.2589	0.0004	0.0000	0.0000	
2016-10-09 10:15:00	1.3244	5.0098	0.0066	0.2589	0.0003	0.0000	0.0000	
2016-10-09 10:30:00	1.1996	5.0098	0.0060	0.2642	0.0003	0.0000	0.0000	
2016-10-09 10:45:00	1.3033	5.0098	0.0065	0.3185	0.0004	0.0000	0.0000	
2016-10-09 11:00:00	2.3091	5.0098	0.0116	0.3207	0.0007	0.0000	0.0000	
2016-10-09 11:15:00	2.9624	5.0098	0.0148	0.1132	0.0003	0.0000	0.0000	
2016-10-09 11:30:00	3.3252	5.0098	0.0167	0.1569	0.0005	0.0000	0.0000	
2016-10-09 11:45:00	3.3115	5.0098	0.0166	0.1168	0.0004	0.0000	0.0000	
2016-10-09 12:00:00	2.3387	5.0098	0.0117	0.2061	0.0005	0.0000	0.0000	
2016-10-09 12:15:00	1.1389	5.0098	0.0057	0.2325	0.0003	0.0000	0.0000	
2016-10-09 12:30:00	1.6040	5.0098	0.0080	0.2329	0.0004	0.0000	0.0000	
2016-10-09 12:45:00	0.8150	5.0098	0.0041	0.2115	0.0002	0.0000	0.0000	
2016-10-09 13:00:00	0.3683	5.0098	0.0018	0.2747	0.0001	0.0000	0.0000	
2016-10-09 13:15:00	0.3843	5.0098	0.0019	0.2795	0.0001	0.0000	0.0000	
2016-10-09 13:30:00	1.6555	5.0098	0.0083	0.3433	0.0006	0.0000	0.0000	
2016-10-09 13:45:00	2.5993	5.0098	0.0130	0.3302	0.0009	0.0000	0.0000	
2016-10-09 14:00:00	2.0650	5.0098	0.0103	0.1240	0.0003	0.0000	0.0000	
2016-10-09 14:15:00	3.1967	5.0098	0.0160	0.1425	0.0005	0.0000	0.0000	
2016-10-09 14:30:00	2.6332	5.0098	0.0132	0.2200	0.0006	0.0000	0.0000	
2016-10-09 14:45:00	4.0276	5.0098	0.0202	0.2945	0.0012	0.0000	0.0000	
2016-10-09 15:00:00	4.1785	5.0098	0.0209	0.2995	0.0013	0.0000	0.0000	
2016-10-09 15:15:00	4.1252	5.0098	0.0207	0.3316	0.0014	0.0000	0.0000	
2016-10-09 15:30:00	5.1777	5.0098	0.0259	0.3316	0.0017	0.0000	0.0000	
2016-10-09 15:45:00	4.7843	5.0098	0.0240	0.2715	0.0013	0.0000	0.0000	
2016-10-09 16:00:00	3.9356	5.0098	0.0197	0.2532	0.0010	0.0000	0.0000	
2016-10-09 16:15:00	4.3559	5.0098	0.0218	0.1874	0.0008	0.0000	0.0000	
2016-10-09 16:30:00	4.8753	5.0098	0.0244	0.2707	0.0013	0.0000	0.0000	
2016-10-09 16:45:00	4.3352	5.0098	0.0217	0.2926	0.0013	0.0000	0.0000	
2016-10-09 17:00:00	4.1164	5.0098	0.0206	0.1776	0.0007	0.0000	0.0000	
2016 10 00 17:15:00	1.9275	5.0098	0.0097	0.2079	0.0004	0.0000	0.0000	
2016-10-09 17:15:00								
2016-10-09 17:13:00	3.8345	5.0098 5.0098	0.0192 0.0189	0.1986 0.1024	0.0008	0.0000 0.0000	0.0000 0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-09 18:00:00	3.7909	5.0098	0.0190	0.2963	0.0011	0.0000	0.0000	
2016-10-09 18:15:00	4.3264	5.0098	0.0217	0.3090	0.0013	0.0000	0.0000	
2016-10-09 18:30:00	4.3528	5.0098	0.0218	0.3090	0.0013	0.0000	0.0000	
2016-10-09 18:45:00	2.2487	5.0098	0.0113	0.3090	0.0007	0.0000	0.0000	
2016-10-09 19:00:00	3.1406	5.0098	0.0157	0.3090	0.0010	0.0000	0.0000	
2016-10-09 19:15:00	2.8363	5.0098	0.0142	0.3090	0.0009	0.0000	0.0000	
2016-10-09 19:30:00	0.6541	5.0098	0.0033	0.3090	0.0002	0.0000	0.0000	
2016-10-09 19:45:00	0.2889	5.0098	0.0014	0.3090	0.0001	0.0000	0.0000	
2016-10-09 20:00:00	0.4575	5.0098	0.0023	0.3090	0.0001	0.0000	0.0000	
2016-10-09 20:15:00	0.2992	5.0098	0.0015	0.3090	0.0001	0.0000	0.0000	
2016-10-09 20:30:00	0.9676	5.0098	0.0048	0.3090	0.0003	0.0000	0.0000	
2016-10-09 20:45:00	1.1872	5.0098	0.0059	0.3090	0.0004	0.0000	0.0000	
2016-10-09 21:00:00	1.2407	5.0098	0.0062	0.3090	0.0004	0.0000	0.0000	
2016-10-09 21:15:00	2.5907	5.0098	0.0130	0.3090	0.0008 0.0009	0.0000 0.0000	0.0000	
2016-10-09 21:30:00	2.5416	5.0098	0.0127	0.3442 0.3076				
2016-10-09 21:45:00	2.0920	5.0098	0.0105 0.0009	0.3076	0.0006 0.0001	0.0000 0.0000	0.0000	
2016-10-09 22:00:00	0.1732	5.0098		0.3076			0.0000	
2016-10-09 22:15:00 2016-10-09 22:30:00	0.0394	5.0098 5.0098	0.0002 0.0000	0.3076	0.0000 0.0000	0.0000 0.0000	0.0000	
	0.0000			0.3076				
2016-10-09 22:45:00 2016-10-09 23:00:00	0.0000 0.0000	5.0098 5.0098	0.0000 0.0000	0.3076	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-10-09 23:00:00 2016-10-09 23:15:00	0.0000	5.0098	0.0000	0.3076	0.0000	0.0000	0.0000	
2016-10-09 23:15:00 2016-10-09 23:30:00	0.0000	5.0098	0.0000	0.3076	0.0000	0.0000	0.0000	
2016-10-09 23:30:00	0.0000	5.0098	0.0000	0.3076	0.0000	0.0000	0.0000	
2016-10-09 23:43:00	0.0000	5.0098	0.0002	0.3076	0.0000	0.0000	0.0000	
2016-10-10 00:00:00	0.0000	5.0098	0.0000	0.3076	0.0000	0.0000	0.0000	
2016-10-10 00:15:00	0.0573	5.0098	0.0003	0.3076	0.0000	0.0000	0.0000	
2016-10-10 00:35:00	0.0000	5.0098	0.0003	0.3076	0.0000	0.0000	0.0000	
2016-10-10 01:00:00	1.3176	5.0098	0.0066	0.2842	0.0004	0.0000	0.0000	
2016-10-10 01:15:00	0.7556	5.0098	0.0038	0.1929	0.0001	0.0000	0.0000	
2016-10-10 01:30:00	0.3769	5.0098	0.0019	0.1929	0.0001	0.0000	0.0000	
2016-10-10 01:45:00	0.4846	5.0098	0.0024	0.1929	0.0001	0.0000	0.0000	
2016-10-10 02:00:00	0.0739	5.0098	0.0004	0.1929	0.0000	0.0000	0.0000	
2016-10-10 02:15:00	0.0423	5.0098	0.0002	0.1929	0.0000	0.0000	0.0000	
2016-10-10 02:30:00	0.0567	5.0098	0.0003	0.1929	0.0000	0.0000	0.0000	
2016-10-10 02:45:00	0.9939	5.0098	0.0050	0.1929	0.0002	0.0000	0.0000	
2016-10-10 03:00:00	1.4426	5.0098	0.0072	0.1929	0.0003	0.0000	0.0000	
2016-10-10 03:15:00	1.7961	5.0098	0.0090	0.1929	0.0003	0.0000	0.0000	
2016-10-10 03:30:00	0.7325	5.0098	0.0037	0.1929	0.0001	0.0000	0.0000	
2016-10-10 03:45:00	0.0775	5.0098	0.0004	0.1929	0.0000	0.0000	0.0000	
2016-10-10 04:00:00	0.0000	5.0098	0.0000	0.1929	0.0000	0.0000	0.0000	
2016-10-10 04:15:00	0.0000	5.0098	0.0000	0.1929	0.0000	0.0000	0.0000	
2016-10-10 04:30:00	0.0000	5.0098	0.0000	0.1929	0.0000	0.0000	0.0000	
2016-10-10 04:45:00	0.0000	5.0098	0.0000	0.1929	0.0000	0.0000	0.0000	
2016-10-10 05:00:00	0.0000	5.0098	0.0000	0.1929	0.0000	0.0000	0.0000	
2016-10-10 05:15:00	0.0000	5.0098	0.0000	0.1929	0.0000	0.0000	0.0000	
2016-10-10 05:30:00	0.0000	5.0098	0.0000	0.1929	0.0000	0.0000	0.0000	
2016-10-10 05:45:00	0.0000	5.0098	0.0000	0.1929	0.0000	0.0000	0.0000	
2016-10-10 06:00:00	0.0000	5.0098	0.0000	0.1929	0.0000	0.0000	0.0000	
2016-10-10 06:15:00	0.0149	5.0098	0.0001	0.1929	0.0000	0.0000	0.0000	
2016-10-10 06:30:00	0.1743	5.0098	0.0009	0.1929	0.0000	0.0000	0.0000	
2016-10-10 06:45:00	1.5579	5.0098	0.0078	0.1929	0.0003	0.0000	0.0000	
2016-10-10 07:00:00	0.6421	5.0098	0.0032	0.1929	0.0001	0.0000	0.0000	
2016-10-10 07:15:00	0.9551	5.0098	0.0048	0.1929	0.0002	0.0000	0.0000	
2016-10-10 07:30:00	1.3652	5.0098	0.0068	0.1929	0.0003	0.0000	0.0000	
2016-10-10 07:45:00	1.1878	5.0098	0.0060	0.1929	0.0002	0.0000	0.0000	
2016-10-10 08:00:00	1.4042	5.0098	0.0070	0.1929	0.0003	0.0000	0.0000	
2016-10-10 08:15:00	3.0604	5.0098	0.0153	0.1929	0.0006	0.0000	0.0000	
2016-10-10 08:30:00	3.8854	5.0098	0.0195	0.1929	0.0007	0.0000	0.0000	
2016-10-10 08:45:00	4.6659	5.0098	0.0234	0.1929	0.0009	0.0000	0.0000	
2016-10-10 09:00:00	4.8552	5.0098	0.0243	0.1929	0.0009	0.0000	0.0000	
2016-10-10 09:15:00	4.8194	5.0098	0.0241	0.1929	0.0009	0.0000	0.0000	
2016-10-10 09:30:00	6.0638	5.0098	0.0304	0.1929	0.0012	0.0000	0.0000	
2016-10-10 09:45:00	6.6185	5.0098	0.0332	0.1929	0.0013	0.0000	0.0000	
2016-10-10 10:00:00	6.5696	5.0098	0.0329	0.1929	0.0013	0.0000	0.0000	
2016-10-10 10:15:00	6.6460	5.0098	0.0333	0.1929	0.0013	0.0000	0.0000	
2016-10-10 10:30:00	6.6004	5.0098	0.0331	0.1929	0.0013	0.0000	0.0000	
2016-10-10 10:45:00	6.7686	5.0098	0.0339	0.1929	0.0013	0.0000	0.0000	
2016-10-10 11:00:00	6.5517	5.0098	0.0328	0.1929	0.0013	0.0000	0.0000	
	6.6057	5.0098	0.0331	0.1929	0.0013	0.0000	0.0000	
2016-10-10 11:15:00			0.0339	0.1929	0.0013	0.0000	0.0000	
2016-10-10 11:15:00 2016-10-10 11:30:00	6.7666	5.0098						
2016-10-10 11:30:00 2016-10-10 11:45:00	6.3560	5.0098	0.0318	0.1929	0.0012	0.0000	0.0000	
2016-10-10 11:30:00 2016-10-10 11:45:00 2016-10-10 12:00:00	6.3560 5.6048	5.0098 5.0098	0.0318 0.0281	0.1929 0.1929	0.0012 0.0011	0.0000 0.0000	0.0000 0.0000	
2016-10-10 11:30:00 2016-10-10 11:45:00	6.3560	5.0098	0.0318	0.1929	0.0012	0.0000	0.0000	

2016-10-10-13-13-000			
2016-10-10 12-45-500	N	N2O	
2016-10-10 13-15-00 2016-10-10 13-15-00	ppmv	g/s	
2016-10-10 13-15:00	0.0000	0.0000	
2016-10-10 13-30:00	0.0000	0.0000	
2016-10-10 13-45:00	0.0000	0.0000	
2016-10-10 144500	0.0000	0.0000	
2016-10-10 14:45.00	0.0000	0.0000	
2016-10-10 14-3000 3.0638 5.0098 0.0138 0.1929 0.0006 0.0061-10-10 15:0000 1.6215 5.0098 0.0081 0.1929 0.0003 0.0061-10-10 15:0000 1.6215 5.0098 0.0081 0.1929 0.0003 0.0061-10-10 15:0000 0.0022 0.0022 0.0022 0.0061-10-10 15:3000 0.0022 0.0022 0.0061-10-10 15:3000 0.0022 0.0000 0.0000 0.0000 0.0000 0.000000 0.00000 0.000000 0.00000000	0.0000	0.0000	
2016-10-10 14-4500 2.7543 5.0098 0.0081 0.1929 0.0003 2016-10-10 15-1500 1.6373 5.0098 0.0065 0.1929 0.0003 2016-10-10 15-1500 0.8228 5.0098 0.0065 0.1929 0.0002 2016-10-10 15-4500 0.8228 5.0098 0.0061 0.1929 0.0002 2016-10-10 15-4500 0.0000 0.0000 5.0098 0.0000 0.2373 0.0000 2016-10-10 16-1500 0.0000 5.0098 0.0000 0.2373 0.0000 2016-10-10 16-1500 0.0000 5.0098 0.0000 0.2373 0.0000 2016-10-10 16-1500 0.0000 5.0098 0.0000 0.2446 0.0000 2016-10-10 16-3000 0.0000 5.0098 0.0000 0.3496 0.0000 2016-10-10 17-1500 0.0000 5.0098 0.0000 0.3496 0.0000 2016-10-10 17-1500 0.0000 5.0098 0.0000 0.3196 0.0000 2016-10-10 17-1500 0.0000 5.0098 0.0000 0.2713 0.0000 2016-10-10 17-3000 0.0000 5.0098 0.0000 0.2713 0.0000 2016-10-10 17-3000 0.0000 5.0098 0.0000 0.2713 0.0000 2016-10-10 17-3000 0.0000 5.0098 0.0000 0.2713 0.0000 2016-10-10 18-500 0.0000 0.2332 5.0098 0.0001 0.3145 0.0000 2016-10-10 18-500 0.0000 0.2332 5.0098 0.0001 0.3145 0.0000 2016-10-10 18-500 0.0004 0.0004 5.0098 0.0001 0.3145 0.0000 2016-10-10 18-3000 0.0004 5.0098 0.0001 0.3145 0.0000 2016-10-10 18-3000 0.0004 5.0098 0.0001 0.3145 0.0000 2016-10-10 19-3000 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-10 19-3000 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-10 19-3500 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-10 19-3500 0.0000 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-10 19-3500 0.0000 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-10 19-3500 0.0000 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-10 19-3500 0.00	0.0000	0.0000	
2015-10-10 15:0000	0.0000	0.0000	
2016-10-10 15:15:00	0.0000	0.0000	
2015-10-10 15:30:00	0.0000	0.0000	
2015-10-10 15:4-500	0.0000	0.0000	
2016-10-10 16:00:00	0.0000	0.0000	
2015-10-10 15:15:00	0.0000	0.0000	
2016-10-10 16:30:00	0.0000	0.0000	
2016-10-10 16:45:00	0.0000	0.0000	
2016-10-10 17:00:00	0.0000	0.0000	
2016-10-10 17:15:00	0.0000	0.0000	
2016-10-10 17:30:00	0.0000	0.0000	
2016-10-10 17-45:00	0.0000	0.0000	
2016-10-10 18:00:00	0.0000	0.0000	
2016-10-10 18:15:00	0.0000	0.0000	
2016-10-10 18:30:00	0.0000	0.0000	
2016-10-10 18:45:00	0.0000	0.0000	
2016-10-10 19:00:00	0.0000	0.0000	
2016-10-10 19:15:00	0.0000	0.0000	
2016-10-10 19:30-00	0.0000	0.0000	
2016-10-10 19:45:00	0.0000	0.0000	
2016-10-10 20:00:00	0.0000	0.0000	
2016-10-10 20:15:00	0.0000	0.0000	
2016-10-10 20:30:00 2.4020 5.0098 0.0120 0.3145 0.0008 2016-10-10 20:45:00 0.6975 5.0098 0.0035 0.3145 0.0002 2016-10-10 21:00:00 0.4957 5.0098 0.0025 0.3145 0.0002 2016-10-10 21:15:00 3.5049 5.0098 0.0176 0.3145 0.0001 2016-10-10 21:30:00 1.9611 5.0098 0.0098 0.3145 0.0006 2016-10-10 21:20:000 0.7649 5.0098 0.0038 0.3145 0.0002 2016-10-10 22:20:000 0.7649 5.0098 0.0038 0.3145 0.0002 2016-10-10 22:20:000 0.7649 5.0098 0.0038 0.3145 0.0002 2016-10-10 22:30:00 0.4616 5.0098 0.0023 0.3145 0.0001 2016-10-10 22:30:00 0.625 5.0098 0.0003 0.3145 0.0001 2016-10-10 22:35:00 0.1590 5.0098 0.0003 0.3145 0.0000 2016-10-10 23:35:00 0.2962 5.0098 0.0003 0.3145 0.0000 2016-10-10 23:35:00 0.2962 5.0098 0.0003 0.3145 0.0000 2016-10-10 23:35:00 0.0265 5.0098 0.0001 0.3145 0.0000 2016-10-10 23:35:00 0.0265 5.0098 0.0001 0.3145 0.0000 2016-10-10 23:35:00 0.0265 5.0098 0.0005 0.3145 0.0000 2016-10-10 23:35:00 0.0066 5.0098 0.0005 0.3145 0.0000 2016-10-10 23:35:00 0.0066 5.0098 0.0005 0.3145 0.0000 2016-10-10 03:00 0.0614 5.0098 0.0005 0.3145 0.0000 2016-10-11 00:05:00 0.0006 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:500 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:500 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:500 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:5000 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:5000 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:5000 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:5000 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:5000 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:5000 0.0000 5.0098 0.0000	0.0000	0.0000	
2016-10-10 20:45:00	0.0000	0.0000	
2016-10-10 21:00:00	0.0000	0.0000	
2016-10-10 21:15:00	0.0000	0.0000	
2016-10-10 21:30:00	0.0000 0.0000	0.0000	
2016-10-10 21:45:00 0.5623 5.0098 0.0028 0.3145 0.0002 2016-10-10 22:00:00 0.7649 5.0098 0.0038 0.3145 0.0002 2016-10-10 22:15:00 1.0314 5.0098 0.0052 0.3145 0.0003 2016-10-10 22:30:00 0.4616 5.0098 0.0023 0.3145 0.0001 2016-10-10 22:45:00 0.1590 5.0098 0.0008 0.3145 0.0000 2016-10-10 23:00:00 0.0625 5.0098 0.0003 0.3145 0.0000 2016-10-10 23:30:00 0.2962 5.0098 0.0001 0.3145 0.0000 2016-10-12 23:35:00 0.2962 5.0098 0.0015 0.3145 0.0001 2016-10-10 23:35:00 0.2962 5.0098 0.0001 0.3145 0.0000 2016-10-10 23:35:00 0.1086 5.0098 0.0005 0.3145 0.0000 2016-10-11 00:00:00 0.0614 5.0098 0.0003 0.3145 0.0000 2016-10-11 00:15:00 0.0000 5.0098 0.		0.0000	
2016-10-10 22:00:00 0.7649 5.0098 0.0038 0.3145 0.0002 2016-10-10 22:15:00 1.0314 5.0098 0.0052 0.3145 0.0003 2016-10-10 22:30:00 0.4616 5.0098 0.0023 0.3145 0.0001 2016-10-10 22:45:00 0.1590 5.0098 0.0008 0.3145 0.0000 2016-10-10 23:00:00 0.0625 5.0098 0.0003 0.3145 0.0000 2016-10-10 23:15:00 0.2962 5.0098 0.0015 0.3145 0.0001 2016-10-10 23:30:00 0.0205 5.0098 0.0001 0.3145 0.0000 2016-10-10 23:45:00 0.1086 5.0098 0.0005 0.3145 0.0000 2016-10-11 00:35:00 0.0614 5.0098 0.0003 0.3145 0.0000 2016-10-11 00:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:35:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:45:00 0.0000 5.0098 0.	0.0000	0.0000	
2016-10-10 22:15:00 1.0314 5.0098 0.0052 0.3145 0.0003 2016-10-10 22:30:00 0.4616 5.0098 0.0023 0.3145 0.0001 2016-10-10 22:45:00 0.1590 5.0098 0.0008 0.3145 0.0000 2016-10-10 23:00:00 0.0625 5.0098 0.0003 0.3145 0.0000 2016-10-10 23:30:00 0.2962 5.0098 0.0015 0.3145 0.0001 2016-10-10 23:30:00 0.0205 5.0098 0.0001 0.3145 0.0000 2016-10-10 23:45:00 0.0205 5.0098 0.0001 0.3145 0.0000 2016-10-10 0:00:00 0.1086 5.0098 0.0005 0.3145 0.0000 2016-10-11 00:30:00 0.00614 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.	0.0000	0.0000	
2016-10-10 22:30:00 0.4616 5.0098 0.0023 0.3145 0.0001 2016-10-10 22:45:00 0.1590 5.0098 0.0008 0.3145 0.0000 2016-10-10 23:00:00 0.0625 5.0098 0.0003 0.3145 0.0000 2016-10-10 23:15:00 0.2962 5.0098 0.0015 0.3145 0.0001 2016-10-10 23:45:00 0.0205 5.0098 0.0001 0.3145 0.0000 2016-10-10 23:45:00 0.1086 5.0098 0.0005 0.3145 0.0000 2016-10-11 00:00:00 0.0614 5.0098 0.0003 0.3145 0.0000 2016-10-11 00:15:00 0.0000 5.0098 0.0003 0.3145 0.0000 2016-10-10 0:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0	0.0000	0.0000	
2016-10-10 22:45:00 0.1590 5.0098 0.0008 0.3145 0.0000 2016-10-10 23:00:00 0.0625 5.0098 0.0003 0.3145 0.0000 2016-10-10 23:15:00 0.2962 5.0098 0.0015 0.3145 0.0001 2016-10-10 23:30:00 0.0205 5.0098 0.0001 0.3145 0.0000 2016-10-10 20:45:00 0.1086 5.0098 0.0005 0.3145 0.0000 2016-10-11 00:00:00 0.0614 5.0098 0.0003 0.3145 0.0000 2016-10-11 00:15:00 0.0614 5.0098 0.0003 0.3145 0.0000 2016-10-11 00:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:05:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:35:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:35:00 0.0000 5.0098 0.	0.0000	0.0000	
2016-10-10 23:00:00 0.0625 5.0098 0.0003 0.3145 0.0000 2016-10-10 23:15:00 0.2962 5.0098 0.0015 0.3145 0.0001 2016-10-10 23:45:00 0.0205 5.0098 0.0001 0.3145 0.0000 2016-10-11 00:00:00 0.1086 5.0098 0.0005 0.3145 0.0000 2016-10-11 00:00:00 0.0614 5.0098 0.0003 0.3145 0.0000 2016-10-11 00:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-10 00:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.	0.0000	0.0000	
2016-10-10 23:15:00 0.2962 5.0098 0.0015 0.3145 0.0001 2016-10-10 23:30:00 0.0205 5.0098 0.0001 0.3145 0.0000 2016-10-10 23:45:00 0.1086 5.0098 0.0005 0.3145 0.0000 2016-10-11 00:00:00 0.0614 5.0098 0.0003 0.3145 0.0000 2016-10-11 00:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-10 00:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:00:00 0.0000 5.0098 0.	0.0000	0.0000	
2016-10-10 23:30:00 0.0205 5.0098 0.0001 0.3145 0.0000 2016-10-10 23:45:00 0.1086 5.0098 0.0005 0.3145 0.0000 2016-10-11 00:00:00 0.0614 5.0098 0.0003 0.3145 0.0000 2016-10-11 00:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:30:00 0.0217 5.0098 0.	0.0000 0.0000	0.0000	
2016-10-10 23:45:00 0.1086 5.0098 0.0005 0.3145 0.0000 2016-10-11 00:00:00 0.0614 5.0098 0.0003 0.3145 0.0000 2016-10-11 00:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-10 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:30:00 0.0217 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:30:00 0.0000 5.0098 0.		0.0000	
2016-10-11 00:00:00 0.0614 5.0098 0.0003 0.3145 0.0000 2016-10-11 00:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:30:00 0.0217 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 03:05:00 0.0000 5.0098 0.	0.0000 0.0000	0.0000 0.0000	
2016-10-11 00:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:15:00 0.0217 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:30:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:05:00 0.0000 5.0098 0.	0.0000	0.0000	
2016-10-11 00:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 00:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:15:00 0.0217 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:30:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:05:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.7079 5.0098 0.	0.0000	0.0000	
2016-10-11 00:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:15:00 0.0217 5.0098 0.0001 0.3145 0.0000 2016-10-11 02:30:00 0.0000 5.0098 0.0001 0.3145 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 03:00:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.0709 5.0098 0.0005 0.3878 0.0003	0.0000	0.0000	
2016-10-11 01:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:15:00 0.0217 5.0098 0.0001 0.3145 0.0000 2016-10-11 02:30:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:00:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.7079 5.0098 0.0035 0.3878 0.0003	0.0000	0.0000	
2016-10-11 01:15:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:15:00 0.0217 5.0098 0.0001 0.3145 0.0000 2016-10-11 02:30:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:00:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.7079 5.0098 0.0035 0.3878 0.0003	0.0000	0.0000	
2016-10-11 01:30:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:15:00 0.0217 5.0098 0.0001 0.3145 0.0000 2016-10-11 02:30:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:00:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.7079 5.0098 0.0035 0.3878 0.0003	0.0000	0.0000	
2016-10-11 01:45:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:15:00 0.0217 5.0098 0.0001 0.3145 0.0000 2016-10-11 02:30:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:00:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.7079 5.0098 0.0035 0.3878 0.0003	0.0000	0.0000	
2016-10-11 02:00:00 0.0000 5.0098 0.0000 0.3145 0.0000 2016-10-11 02:15:00 0.0217 5.0098 0.0001 0.3145 0.0000 2016-10-11 02:30:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:00:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.7079 5.0098 0.0035 0.3878 0.0003	0.0000	0.0000	
2016-10-11 02:15:00 0.0217 5.0098 0.0001 0.3145 0.0000 2016-10-11 02:30:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:00:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.7079 5.0098 0.0035 0.3878 0.0003	0.0000	0.0000	
2016-10-11 02:30:00 0.0000 5.0098 0.0000 0.2551 0.0000 2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:00:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.7079 5.0098 0.0035 0.3878 0.0003	0.0000	0.0000	
2016-10-11 02:45:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:00:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.7079 5.0098 0.0035 0.3878 0.0003	0.0000	0.0000	
2016-10-11 03:00:00 0.0000 5.0098 0.0000 0.2019 0.0000 2016-10-11 03:15:00 0.7079 5.0098 0.0035 0.3878 0.0003	0.0000	0.0000	
2016-10-11 03:15:00 0.7079 5.0098 0.0035 0.3878 0.0003	0.0000	0.0000	
	0.0000	0.0000	
2016-10-11 03:30:00 1.4904 5.0098 0.0075 0.2238 0.0003	0.0000	0.0000	
2016-10-11 03:45:00 3.0586 5.0098 0.0153 0.2238 0.0007	0.0000	0.0000	
2016-10-11 04:00:00 1.7840 5.0098 0.0089 0.2238 0.0004	0.0000	0.0000	
2016-10-11 04:15:00 3.1532 5.0098 0.0158 0.2238 0.0007	0.0000	0.0000	
2016-10-11 04:30:00 4.4424 5.0098 0.0223 0.2238 0.0010	0.0000	0.0000	
2016-10-11 04:45:00 4.9672 5.0098 0.0249 0.2238 0.0011	0.0000	0.0000	
2016-10-11 05:00:00 2.7590 5.0098 0.0138 0.2238 0.0006	0.0000	0.0000	
2016-10-11 05:15:00	0.0000	0.0000	
2016-10-11 05:30:00 1.9417 5.0098 0.0097 0.2238 0.0004	0.0000	0.0000	
2016-10-11 05:45:00	0.0000	0.0000	
	0.0000	0.0000	
2016-10-11 06:15:00 0.3767 5.0098 0.0019 0.2238 0.0001	0.0000	0.0000	
2016-10-11 06:30:00 2.6427 5.0098 0.0132 0.2238 0.0006	0.0000	0.0000	
2016-10-11 06:45:00 4.4293 5.0098 0.0222 0.1335 0.0006	0.0000	0.0000	
2016-10-11 07:00:00 4.8434 5.0098 0.0243 0.1085 0.0005	0.0000	0.0000	
	0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-11 07:30:00	5.4913	5.0098	0.0275	0.1085	0.0006	0.0000	0.0000
2016-10-11 07:45:00	5.2026	5.0098	0.0261	0.1085	0.0006	0.0000	0.0000
2016-10-11 08:00:00	4.5636	5.0098	0.0229	0.1085	0.0005	0.0000	0.0000
2016-10-11 08:15:00	4.3180	5.0098	0.0216	0.1085	0.0005	0.0000	0.0000
2016-10-11 08:30:00	5.1649	5.0098	0.0259	0.1085	0.0006	0.0000	0.0000
2016-10-11 08:45:00	5.1869	5.0098	0.0260	0.1085	0.0006	0.0000	0.0000
2016-10-11 09:00:00	4.5122	5.0098	0.0226	0.1085	0.0005	0.0000	0.0000
2016-10-11 09:15:00	3.9100	5.0098	0.0196	0.1085	0.0004	0.0000	0.0000
2016-10-11 09:30:00	3.4674	5.0098	0.0174	0.1085	0.0004	0.0000	0.0000
2016-10-11 09:45:00	4.5563	5.0098	0.0228	0.1085	0.0005	0.0000	0.0000
2016-10-11 10:00:00	4.2422	5.0098	0.0213	0.1085	0.0005	0.0000	0.0000
2016-10-11 10:15:00	3.5213	5.0098	0.0176	0.1085	0.0004	0.0000	0.0000
2016-10-11 10:30:00	4.3713	5.0098	0.0219	0.1085	0.0005	0.0000	0.0000
2016-10-11 10:45:00	5.1974	5.0098	0.0260	0.1085	0.0006	0.0000	0.0000
2016-10-11 11:00:00	4.5584	5.0098	0.0228	0.1085	0.0005	0.0000	0.0000
2016-10-11 11:15:00	4.1278	5.0098	0.0207	0.1085	0.0004	0.0000	0.0000
2016-10-11 11:30:00	4.9225	5.0098	0.0247	0.1085	0.0005	0.0000	0.0000
2016-10-11 11:45:00	5.1381	5.0098	0.0257	0.1085	0.0006	0.0000	0.0000
2016-10-11 12:00:00	5.7131	5.0098	0.0286	0.1085	0.0006	0.0000	0.0000
2016-10-11 12:15:00	5.1313	5.0098	0.0257	0.1085	0.0006	0.0000	0.0000
2016-10-11 12:30:00	4.5165	5.0098	0.0226	0.1085	0.0005	0.0000	0.0000
2016-10-11 12:45:00	4.4136	5.0098	0.0221	0.1085	0.0005	0.0000	0.0000
2016-10-11 13:00:00	2.8075	5.0098	0.0141	0.1085	0.0003	0.0000	0.0000
2016-10-11 13:15:00	2.4067	5.0098	0.0121	0.1085	0.0003	0.0000	0.0000
2016-10-11 13:30:00	2.5088	5.0098	0.0126	0.1085	0.0003	0.0000	0.0000
2016-10-11 13:45:00	1.8825	5.0098	0.0094	0.1085	0.0002	0.0000	0.0000
2016-10-11 14:00:00	1.3769	5.0098	0.0069	0.1716	0.0002	0.0000	0.0000
2016-10-11 14:15:00	1.2722	5.0098	0.0064	0.2211	0.0003	0.0000	0.0000
2016-10-11 14:30:00	1.1444	5.0098	0.0057	0.2211	0.0003	0.0000	0.0000
2016-10-11 14:45:00	1.5994	5.0098	0.0080	0.2211	0.0004	0.0000	0.0000
2016-10-11 15:00:00	1.4082	5.0098	0.0071	0.2211	0.0003	0.0000	0.0000
2016-10-11 15:15:00	0.9414	5.0098	0.0047	0.2211	0.0002	0.0000	0.0000
2016-10-11 15:30:00	1.3591	5.0098	0.0068	0.2211	0.0003	0.0000	0.0000
2016-10-11 15:45:00	1.9713	5.0098	0.0099	0.2211	0.0004	0.0000	0.0000
2016-10-11 16:00:00	0.1533	5.0098	0.0008	0.2211	0.0000	0.0000	0.0000
2016-10-11 16:15:00	0.0000	5.0098	0.0000	0.2211	0.0000	0.0000	0.0000
2016-10-11 16:30:00	0.0000	5.0098	0.0000	0.3595	0.0000	0.0000	0.0000
2016-10-11 16:45:00	0.0000	5.0098	0.0000	0.3607	0.0000	0.0000	0.0000
2016-10-11 17:00:00	0.0000	5.0098	0.0000	0.3406	0.0000	0.0000	0.0000
2016-10-11 17:15:00	0.0602	5.0098	0.0003	0.3406	0.0000	0.0000	0.0000
2016-10-11 17:30:00	0.0000	5.0098	0.0000	0.3406	0.0000	0.0000	0.0000
2016-10-11 17:45:00	0.0000	5.0098	0.0000	0.3406	0.0000	0.0000	0.0000
2016-10-11 18:00:00	0.0000	5.0098	0.0000	0.3406	0.0000	0.0000	0.0000
2016-10-11 18:15:00	0.0000	5.0098	0.0000	0.2666	0.0000	0.0000	0.0000
2016-10-11 18:30:00	0.0000	5.0098	0.0000	0.2273	0.0000	0.0000	0.0000
2016-10-11 18:45:00	0.0000	5.0098	0.0000	0.2273	0.0000	0.0000	0.0000
2016-10-11 19:00:00	0.0000	5.0098	0.0000	0.2273	0.0000	0.0000	0.0000
2016-10-11 19:15:00	0.0000	5.0098	0.0000	0.2273	0.0000	0.0000	0.0000
2016-10-11 19:30:00	0.0000	5.0098	0.0000	0.2273	0.0000	0.0000	0.0000
2016-10-11 19:45:00	0.0000	5.0098	0.0000	0.2273	0.0000	0.0000	0.0000
2016-10-11 20:00:00	0.0000	5.0098	0.0000	0.2273	0.0000	0.0000	0.0000
2016-10-11 20:15:00	0.0000	5.0098	0.0000	0.2273	0.0000	0.0000	0.0000
2016-10-11 20:30:00	0.0000	5.0098	0.0000	0.2273	0.0000	0.0000	0.0000
2016-10-11 20:45:00	0.0000	5.0098	0.0000	0.2273	0.0000	0.0000	0.0000
2016-10-11 21:00:00 2016-10-11 21:15:00	0.0000 0.0179	5.0098 5.0098	0.0000 0.0001	0.2491 0.3413	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-11 21:30:00	0.9045	5.0098	0.0045	0.3413	0.0003	0.0000	0.0000
2016-10-11 21:45:00	0.2362	5.0098	0.0012	0.3413	0.0001	0.0000	0.0000
2016-10-11 22:00:00	0.0194 0.3892	5.0098 5.0098	0.0001 0.0019	0.3413 0.3413	0.0000 0.0001	0.0000 0.0000	0.0000
2016-10-11 22:15:00							0.0000
2016-10-11 22:30:00	0.4500	5.0098	0.0023	0.2453	0.0001	0.0000	0.0000
2016-10-11 22:45:00	1.1988	5.0098	0.0060	0.3397	0.0004	0.0000	0.0000
2016-10-11 23:00:00	4.5151	5.0098	0.0226	0.2335	0.0011	0.0000	0.0000
2016-10-11 23:15:00	6.0397	5.0098	0.0303	0.2293	0.0014	0.0000	0.0000
2016-10-11 23:30:00	4.7588	5.0098	0.0238	0.2293	0.0011	0.0000	0.0000
2016-10-11 23:45:00	1.5458	5.0098	0.0077	0.2293	0.0004	0.0000	0.0000
2016-10-12 00:00:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 00:15:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 00:30:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 00:45:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 01:00:00	2.5534	5.0098	0.0128	0.2293	0.0006	0.0000	0.0000
2016-10-12 01:15:00	4.1822	5.0098	0.0210	0.2293	0.0010	0.0000	0.0000
2016-10-12 01:30:00	4.8237	5.0098	0.0242	0.2293	0.0011	0.0000	0.0000
2016-10-12 01:45:00	3.9059	5.0098	0.0196	0.2293	0.0009	0.0000	0.0000
2016-10-12 02:00:00	5.3236	5.0098	0.0267	0.2293	0.0012	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-12 02:15:00	5.7309	5.0098	0.0287	0.2293	0.0013	0.0000	0.0000
2016-10-12 02:30:00	5.8199	5.0098	0.0292	0.2293	0.0013	0.0000	0.0000
2016-10-12 02:45:00	5.9881	5.0098	0.0300	0.2293	0.0014	0.0000	0.0000
2016-10-12 03:00:00	5.7167	5.0098	0.0286	0.2293	0.0013	0.0000	0.0000
2016-10-12 03:15:00	5.7071	5.0098	0.0286	0.2293	0.0013	0.0000	0.0000
2016-10-12 03:30:00	4.2823	5.0098	0.0215	0.2293	0.0010	0.0000	0.0000
2016-10-12 03:45:00	1.9317	5.0098	0.0097	0.2293	0.0004	0.0000	0.0000
2016-10-12 04:00:00	0.5561	5.0098	0.0028	0.2293	0.0001	0.0000	0.0000
2016-10-12 04:15:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 04:30:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 04:45:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 05:00:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 05:15:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 05:30:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 05:45:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 06:00:00	0.0000	5.0098	0.0000	0.2293	0.0000	0.0000	0.0000
2016-10-12 06:15:00	0.2917	5.0098	0.0015	0.2293	0.0001	0.0000	0.0000
2016-10-12 06:30:00	3.4114	5.0098	0.0171	0.2293	0.0008	0.0000	0.0000 0.0000
2016-10-12 06:45:00 2016-10-12 07:00:00	1.9072	5.0098	0.0096	0.2293 0.2293	0.0004	0.0000 0.0000	
2016-10-12 07:00:00	0.1015 0.3547	5.0098 5.0098	0.0005 0.0018	0.2293	0.0000 0.0001	0.0000	0.0000 0.0000
2016-10-12 07:15:00 2016-10-12 07:30:00	0.3547 3.1162	5.0098	0.0018 0.0156	0.2293	0.0001	0.0000	0.0000
2016-10-12 07:30:00	3.1162	5.0098	0.0156	0.2293	0.0007	0.0000	0.0000
2016-10-12 07:45:00	1.9038	5.0098	0.0189	0.2293	0.0009	0.0000	0.0000
2016-10-12 08:00:00	1.6268	5.0098	0.0093	0.2293	0.0004	0.0000	0.0000
2016-10-12 08:30:00	2.4845	5.0098	0.0124	0.2293	0.0004	0.0000	0.0000
2016-10-12 08:45:00	2.7631	5.0098	0.0124	0.2293	0.0006	0.0000	0.0000
2016-10-12 09:00:00	3.0810	5.0098	0.0154	0.2293	0.0007	0.0000	0.0000
2016-10-12 09:15:00	3.7749	5.0098	0.0189	0.2293	0.0009	0.0000	0.0000
2016-10-12 09:30:00	2.6029	5.0098	0.0130	0.2293	0.0006	0.0000	0.0000
2016-10-12 09:45:00	3.7014	5.0098	0.0185	0.2293	0.0008	0.0000	0.0000
2016-10-12 10:00:00	3.8452	5.0098	0.0193	0.2293	0.0009	0.0000	0.0000
2016-10-12 10:15:00	4.6968	5.0098	0.0235	0.2293	0.0011	0.0000	0.0000
2016-10-12 10:30:00	5.6231	5.0098	0.0282	0.2293	0.0013	0.0000	0.0000
2016-10-12 10:45:00	5.7002	5.0098	0.0286	0.2293	0.0013	0.0000	0.0000
2016-10-12 11:00:00	5.4988	5.0098	0.0275	0.2293	0.0013	0.0000	0.0000
2016-10-12 11:15:00	5.7102	5.0098	0.0286	0.2293	0.0013	0.0000	0.0000
2016-10-12 11:30:00	5.1599	5.0098	0.0258	0.2293	0.0012	0.0000	0.0000
2016-10-12 11:45:00	5.1752	5.0098	0.0259	0.2293	0.0012	0.0000	0.0000
2016-10-12 12:00:00	4.4082	5.0098	0.0221	0.2293	0.0010	0.0000	0.0000
2016-10-12 12:15:00	4.1502	5.0098	0.0208	0.2293	0.0010	0.0000	0.0000
2016-10-12 12:30:00	3.6593	5.0098	0.0183	0.2293	0.0008	0.0000	0.0000
2016-10-12 12:45:00	3.2020	5.0098	0.0160	0.2293	0.0007	0.0000	0.0000
2016-10-12 13:00:00	3.0437	5.0098	0.0152	0.2293	0.0007	0.0000	0.0000
2016-10-12 13:15:00	2.9045	5.0098	0.0146	0.3875	0.0011	0.0000	0.0000
2016-10-12 13:30:00	4.1807	5.0098	0.0209	0.2032	0.0008	0.0000	0.0000
2016-10-12 13:45:00	3.4881	5.0098	0.0175	0.2032	0.0007	0.0000	0.0000
2016-10-12 14:00:00	2.7889	5.0098	0.0140	0.2032	0.0006	0.0000	0.0000
2016-10-12 14:15:00	2.8167	5.0098	0.0141	0.2032	0.0006	0.0000	0.0000
2016-10-12 14:30:00	3.2738	5.0098	0.0164	0.2032	0.0007	0.0000	0.0000
2016-10-12 14:45:00	3.8466	5.0098	0.0193	0.2032	0.0008	0.0000	0.0000
2016-10-12 15:00:00	2.8628	5.0098	0.0143	0.2032	0.0006	0.0000	0.0000
2016-10-12 15:15:00	1.7349	5.0098	0.0087	0.2032	0.0004	0.0000	0.0000
2016-10-12 15:30:00	2.1619	5.0098	0.0108	0.2032	0.0004	0.0000	0.0000
2016-10-12 15:45:00	1.2912	5.0098	0.0065	0.2032	0.0003	0.0000	0.0000
2016-10-12 16:00:00	0.1937	5.0098	0.0010	0.2032	0.0000	0.0000	0.0000
2016-10-12 16:15:00	0.0188	5.0098	0.0001	0.2032	0.0000	0.0000	0.0000
2016-10-12 16:30:00	0.0239	5.0098	0.0001	0.3143	0.0000	0.0000	0.0000
2016-10-12 16:45:00	0.0000	5.0098	0.0000	0.3326	0.0000	0.0000	0.0000
2016-10-12 17:00:00	0.2424	5.0098	0.0012	0.3172	0.0001	0.0000	0.0000
2016-10-12 17:15:00	0.2668	5.0098	0.0013	0.3172	0.0001	0.0000	0.0000
2016-10-12 17:30:00	0.5645	5.0098	0.0028	0.3172	0.0002	0.0000	0.0000
2016-10-12 17:45:00	0.4201	5.0098	0.0021	0.3172	0.0001	0.0000	0.0000
2016-10-12 18:00:00	1.4899	5.0098	0.0075	0.3172	0.0005	0.0000	0.0000
2016-10-12 18:15:00	2.4130	5.0098	0.0121	0.3172	0.0008	0.0000	0.0000
2016-10-12 18:30:00	3.5221	5.0098	0.0176	0.3172	0.0011	0.0000	0.0000
2016-10-12 18:45:00	2.5882	5.0098	0.0130	0.3172	0.0008	0.0000	0.0000
2016-10-12 19:00:00	3.6224	5.0098	0.0181	0.3172	0.0011	0.0000	0.0000
2016-10-12 19:15:00	3.3987	5.0098	0.0170	0.3172	0.0011	0.0000	0.0000
2016-10-12 19:30:00	3.4606	5.0098	0.0173	0.3172	0.0011	0.0000	0.0000
2016-10-12 19:45:00	0.6033	5.0098	0.0030	0.3172	0.0002	0.0000	0.0000
2016-10-12 20:00:00	0.0376	5.0098	0.0002	0.3172	0.0000	0.0000	0.0000
2016-10-12 20:15:00	0.0366	5.0098	0.0002	0.3172	0.0000	0.0000	0.0000
2016-10-12 20:30:00	0.0000	5.0098	0.0000	0.3172	0.0000	0.0000	0.0000
2016-10-12 20:45:00	0.0186	5.0098	0.0001	0.3172	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-12 21:00:00	0.0179	5.0098	0.0001	0.3172	0.0000	0.0000	0.0000	
2016-10-12 21:15:00	0.1294	5.0098	0.0006	0.3172	0.0000	0.0000	0.0000	
2016-10-12 21:30:00	0.0185	5.0098	0.0001	0.3172	0.0000	0.0000	0.0000	
2016-10-12 21:45:00	0.0204	5.0098	0.0001	0.3551	0.0000	0.0000	0.0000	
2016-10-12 22:00:00 2016-10-12 22:15:00	0.2068 0.0000	5.0098 5.0098	0.0010 0.0000	0.3282 0.3525	0.0001 0.0000	0.0000 0.0000	0.0000	
2016-10-12 22:15:00	0.0187	5.0098	0.0000	0.3323	0.0000	0.0000	0.0000	
2016-10-12 22:45:00	0.0000	5.0098	0.0001	0.3159	0.0000	0.0000	0.0000	
2016-10-12 22:43:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000	
2016-10-12 23:15:00	0.0209	5.0098	0.0001	0.3159	0.0000	0.0000	0.0000	
2016-10-12 23:30:00	0.5783	5.0098	0.0029	0.3159	0.0002	0.0000	0.0000	
2016-10-12 23:45:00	0.4769	5.0098	0.0024	0.3159	0.0002	0.0000	0.0000	
2016-10-13 00:00:00	0.0180	5.0098	0.0001	0.3159	0.0000	0.0000	0.0000	
2016-10-13 00:15:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000	
2016-10-13 00:30:00	0.1148	5.0098	0.0006	0.3159	0.0000	0.0000	0.0000	
2016-10-13 00:45:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000	
2016-10-13 01:00:00	0.0000	5.0098	0.0000	0.3159	0.0000	0.0000	0.0000	
2016-10-13 01:15:00	0.0314	5.0098	0.0002	0.4030	0.0000	0.0000	0.0000	
2016-10-13 01:30:00	0.3537	5.0098	0.0018	0.4298	0.0002	0.0000	0.0000	
2016-10-13 01:45:00	1.2455	5.0098	0.0062	0.4298	0.0005	0.0000	0.0000	
2016-10-13 02:00:00	1.1655	5.0098	0.0058	0.4490	0.0005	0.0000	0.0000	
2016-10-13 02:15:00	3.1663	5.0098	0.0159	0.4566	0.0014	0.0000	0.0000	
2016-10-13 02:30:00	3.3157	5.0098	0.0166	0.3746	0.0012	0.0000	0.0000	
2016-10-13 02:45:00	2.0616	5.0098	0.0103	0.4381	0.0009	0.0000	0.0000	
2016-10-13 03:00:00	0.4288	5.0098	0.0021	0.4381	0.0002	0.0000	0.0000	
2016-10-13 03:15:00	0.0186	5.0098	0.0001	0.3954	0.0000	0.0000	0.0000	
2016-10-13 03:30:00	0.0000	5.0098	0.0000	0.3227	0.0000	0.0000	0.0000	
2016-10-13 03:45:00	0.0000	5.0098	0.0000	0.3227	0.0000	0.0000	0.0000	
2016-10-13 04:00:00	0.0000	5.0098	0.0000	0.3987	0.0000	0.0000	0.0000	
2016-10-13 04:15:00	0.0000	5.0098	0.0000	0.4381	0.0000	0.0000	0.0000	
2016-10-13 04:30:00	0.0000	5.0098	0.0000	0.4381	0.0000	0.0000	0.0000	
2016-10-13 04:45:00	0.0000	5.0098	0.0000	0.4381	0.0000	0.0000	0.0000	
2016-10-13 05:00:00	0.0000	5.0098	0.0000	0.4381	0.0000	0.0000	0.0000	
2016-10-13 05:15:00	0.0000	5.0098	0.0000	0.4381	0.0000	0.0000	0.0000	
2016-10-13 05:30:00	0.0000	5.0098	0.0000	0.4381	0.0000	0.0000	0.0000	
2016-10-13 05:45:00	0.0000	5.0098	0.0000	0.4381	0.0000	0.0000	0.0000	
2016-10-13 06:00:00	0.0000	5.0098	0.0000	0.4381	0.0000	0.0000	0.0000	
2016-10-13 06:15:00	0.0000	5.0098	0.0000	0.3629	0.0000	0.0000	0.0000	
2016-10-13 06:30:00	0.0000	5.0098	0.0000 0.0000	0.3248 0.3870	0.0000	0.0000	0.0000	
2016-10-13 06:45:00	0.0000	5.0098 5.0098	0.0000	0.3870	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-10-13 07:00:00 2016-10-13 07:15:00	0.0000 0.0000	5.0098	0.0000	0.4374	0.0000	0.0000	0.0000	
2016-10-13 07:15:00	0.0000	5.0098	0.0000	0.4374	0.0000	0.0000	0.0000	
2016-10-13 07:35:00	0.0000	5.0098	0.0000	0.4374	0.0000	0.0000	0.0000	
2016-10-13 07:45:00	0.0000	5.0098	0.0000	0.4374	0.0000	0.0000	0.0000	
2016-10-13 08:05:00	0.1406	5.0098	0.0007	0.4262	0.0000	0.0000	0.0000	
2016-10-13 08:30:00	0.3700	5.0098	0.0007	0.3220	0.0001	0.0000	0.0000	
2016-10-13 08:45:00	0.2726	5.0098	0.0019	0.3220	0.0001	0.0000	0.0000	
2016-10-13 08:45:00	0.2726	5.0098	0.0014	0.3220	0.0001	0.0000	0.0000	
2016-10-13 09:00:00	0.0782	5.0098	0.0004	0.3220	0.0000	0.0000	0.0000	
2016-10-13 09:30:00	0.4435	5.0098	0.0003	0.3220	0.0001	0.0000	0.0000	
2016-10-13 09:45:00	0.5164	5.0098	0.0022	0.2999	0.0001	0.0000	0.0000	
2016-10-13 10:00:00	0.7243	5.0098	0.0036	0.2094	0.0002	0.0000	0.0000	
2016-10-13 10:15:00	1.7350	5.0098	0.0087	0.2094	0.0004	0.0000	0.0000	
2016-10-13 10:30:00	2.1834	5.0098	0.0109	0.2094	0.0005	0.0000	0.0000	
2016-10-13 10:45:00	3.2973	5.0098	0.0165	0.2094	0.0007	0.0000	0.0000	
2016-10-13 11:00:00	3.0103	5.0098	0.0151	0.2094	0.0006	0.0000	0.0000	
2016-10-13 11:15:00	2.1834	5.0098	0.0109	0.2094	0.0005	0.0000	0.0000	
2016-10-13 11:30:00	3.9104	5.0098	0.0196	0.2094	0.0008	0.0000	0.0000	
2016-10-13 11:45:00	4.4328	5.0098	0.0222	0.2094	0.0009	0.0000	0.0000	
2016-10-13 12:00:00	4.2642	5.0098	0.0214	0.2094	0.0009	0.0000	0.0000	
2016-10-13 12:15:00	3.9322	5.0098	0.0197	0.2094	0.0008	0.0000	0.0000	
2016-10-13 12:30:00	1.6673	5.0098	0.0084	0.2094	0.0003	0.0000	0.0000	
2016-10-13 12:45:00	0.5455	5.0098	0.0027	0.2094	0.0001	0.0000	0.0000	
2016-10-13 13:00:00	0.2873	5.0098	0.0014	0.2094	0.0001	0.0000	0.0000	
2016-10-13 13:15:00	0.3204	5.0098	0.0016	0.2094	0.0001	0.0000	0.0000	
2016-10-13 13:30:00	0.3060	5.0098	0.0015	0.2094	0.0001	0.0000	0.0000	
2016-10-13 13:45:00	0.3264	5.0098	0.0016	0.2094	0.0001	0.0000	0.0000	
2016-10-13 14:00:00	0.7814	5.0098	0.0039	0.2094	0.0002	0.0000	0.0000	
2016-10-13 14:15:00	1.0407	5.0098	0.0052	0.2094	0.0002	0.0000	0.0000	
	1.8503	5.0098	0.0093	0.2094	0.0004	0.0000	0.0000	
2016-10-13 14:30:00				•				
2016-10-13 14:30:00 2016-10-13 14:45:00	1.2477	5.0098	0.0063	0.2094	0.0003	0.0000	0.0000	
2016-10-13 14:45:00 2016-10-13 15:00:00	1.2477 2.0684	5.0098	0.0104	0.2094	0.0004	0.0000	0.0000	
2016-10-13 14:45:00	1.2477							

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-13 15:45:00	4.3833	5.0098	0.0220	0.2094	0.0009	0.0000	0.0000
2016-10-13 16:00:00	2.9923	5.0098	0.0150	0.2094	0.0006	0.0000	0.0000
2016-10-13 16:15:00	2.0289	5.0098	0.0102	0.2094	0.0004	0.0000	0.0000
2016-10-13 16:30:00	2.2801	5.0098	0.0114	0.2094	0.0005	0.0000	0.0000
2016-10-13 16:45:00	3.7398	5.0098	0.0187	0.2094	0.0008	0.0000	0.0000
2016-10-13 17:00:00	3.6478	5.0098	0.0183	0.2094	0.0008	0.0000	0.0000
2016-10-13 17:15:00	2.0998	5.0098	0.0105	0.2094	0.0004	0.0000	0.0000
2016-10-13 17:30:00	1.8936	5.0098	0.0095	0.2094	0.0004	0.0000	0.0000
2016-10-13 17:45:00	5.1065	5.0098	0.0256	0.2094	0.0011	0.0000	0.0000
2016-10-13 18:00:00	5.5438	5.0098	0.0278	0.2094	0.0012	0.0000	0.0000
2016-10-13 18:15:00	5.5402	5.0098	0.0278	0.2094	0.0012	0.0000	0.0000
2016-10-13 18:30:00	6.1230	5.0098	0.0307	0.2094	0.0013	0.0000	0.0000
2016-10-13 18:45:00	6.4577	5.0098	0.0324	0.2182	0.0014	0.0000	0.0000
2016-10-13 19:00:00	6.1780	5.0098	0.0310	0.3227	0.0020	0.0000	0.0000
2016-10-13 19:15:00	6.0328	5.0098	0.0302	0.3227	0.0019	0.0000	0.0000
2016-10-13 19:30:00	6.0875	5.0098	0.0305	0.3227	0.0020	0.0000	0.0000
2016-10-13 19:45:00	6.9449	5.0098	0.0348	0.3227	0.0022	0.0000	0.0000
2016-10-13 20:00:00	7.5020	5.0098	0.0376 0.0402	0.3227	0.0024	0.0000 0.0000	0.0000 0.0000
2016-10-13 20:15:00 2016-10-13 20:30:00	8.0198 7.4768	5.0098		0.3227 0.3227	0.0026 0.0024	0.0000	0.0000
		5.0098 5.0098	0.0375 0.0381	0.3227	0.0024	0.0000	0.0000
2016-10-13 20:45:00 2016-10-13 21:00:00	7.6133 6.0055	5.0098	0.0381	0.3227	0.0025	0.0000	0.0000
2016-10-13 21:00:00	4.3633	5.0098	0.0301	0.3227	0.0019	0.0000	0.0000
2016-10-13 21:15:00	4.3633 3.2549	5.0098	0.0219	0.3227	0.0014	0.0000	0.0000
2016-10-13 21:45:00	3.2349 2.4278	5.0098	0.0163	0.3227	0.0011	0.0000	0.0000
2016-10-13 22:00:00	2.5214	5.0098	0.0126	0.3227	0.0008	0.0000	0.0000
2016-10-13 22:15:00	0.6002	5.0098	0.0030	0.3573	0.0002	0.0000	0.0000
2016-10-13 22:30:00	0.2604	5.0098	0.0013	0.4360	0.0001	0.0000	0.0000
2016-10-13 22:45:00	1.2334	5.0098	0.0062	0.4360	0.0005	0.0000	0.0000
2016-10-13 23:00:00	0.4842	5.0098	0.0024	0.4360	0.0002	0.0000	0.0000
2016-10-13 23:15:00	1.0091	5.0098	0.0051	0.4360	0.0004	0.0000	0.0000
2016-10-13 23:30:00	3.1794	5.0098	0.0159	0.4360	0.0014	0.0000	0.0000
2016-10-13 23:45:00	2.3969	5.0098	0.0120	0.4360	0.0010	0.0000	0.0000
2016-10-14 00:00:00	3.4982	5.0098	0.0175	0.5176	0.0018	0.0000	0.0000
2016-10-14 00:15:00	2.8560	5.0098	0.0143	0.4642	0.0013	0.0000	0.0000
2016-10-14 00:30:00	1.0158	5.0098	0.0051	0.4642	0.0005	0.0000	0.0000
2016-10-14 00:45:00	0.2641	5.0098	0.0013	0.4642	0.0001	0.0000	0.0000
2016-10-14 01:00:00	0.0366	5.0098	0.0002	0.4642	0.0000	0.0000	0.0000
2016-10-14 01:15:00	0.0184	5.0098	0.0001	0.4083	0.0000	0.0000	0.0000
2016-10-14 01:30:00	0.0000	5.0098	0.0000	0.3509	0.0000	0.0000	0.0000
2016-10-14 01:45:00	0.0000	5.0098	0.0000	0.3509	0.0000	0.0000	0.0000
2016-10-14 02:00:00	0.0000	5.0098	0.0000	0.3509	0.0000	0.0000	0.0000
2016-10-14 02:15:00	0.0000	5.0098	0.0000	0.3509	0.0000	0.0000	0.0000
2016-10-14 02:30:00	0.0000	5.0098	0.0000	0.3509	0.0000	0.0000	0.0000
2016-10-14 02:45:00	0.0000	5.0098	0.0000	0.3509	0.0000	0.0000	0.0000
2016-10-14 03:00:00	0.0000	5.0098	0.0000	0.3420	0.0000	0.0000	0.0000
2016-10-14 03:15:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 03:30:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 03:45:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 04:00:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 04:15:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 04:30:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 04:45:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 05:00:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 05:15:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 05:30:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 05:45:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 06:00:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 06:15:00	0.0000	5.0098	0.0000	0.2355	0.0000	0.0000	0.0000
2016-10-14 06:30:00	0.0000	5.0098	0.0000	0.2598	0.0000	0.0000	0.0000
2016-10-14 06:45:00	0.0000	5.0098	0.0000	0.3488	0.0000	0.0000	0.0000
2016-10-14 07:00:00	0.0000	5.0098	0.0000	0.3488	0.0000	0.0000	0.0000
2016-10-14 07:15:00	0.0000	5.0098	0.0000	0.3488	0.0000	0.0000	0.0000
2016-10-14 07:30:00	0.0000	5.0098	0.0000	0.3488	0.0000	0.0000	0.0000
2016-10-14 07:45:00	0.0000	5.0098	0.0000	0.3488	0.0000	0.0000	0.0000
2016-10-14 08:00:00	0.0000	5.0098	0.0000	0.3488	0.0000	0.0000	0.0000
2016-10-14 08:15:00	0.0000	5.0098	0.0000	0.3488	0.0000	0.0000	0.0000
2016-10-14 08:30:00	0.0000	5.0098	0.0000	0.3488	0.0000	0.0000	0.0000
2016-10-14 08:45:00	0.0000	5.0098	0.0000	0.3488	0.0000	0.0000	0.0000
2016-10-14 09:00:00	0.0000	5.0098	0.0000	0.3488	0.0000	0.0000	0.0000
2016-10-14 09:15:00	0.0189	5.0098	0.0001	0.3488	0.0000	0.0000	0.0000
2016-10-14 09:30:00	0.0183	5.0098	0.0001	0.3488	0.0000	0.0000	0.0000
2016-10-14 09:45:00	0.0192	5.0098	0.0001	0.3488	0.0000	0.0000	0.0000
2016-10-14 10:00:00	0.2149	5.0098	0.0011	0.3488	0.0001 0.0002	0.0000	0.0000
2016-10-14 10:15:00	0.4328	5.0098	0.0022	0.3488		0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-14 10:30:00	0.6817	5.0098	0.0034	0.3488	0.0002	0.0000	0.0000	
2016-10-14 10:45:00	0.4854	5.0098	0.0024	0.3488	0.0002	0.0000	0.0000	
2016-10-14 11:00:00	0.5084	5.0098	0.0025	0.3488	0.0002	0.0000	0.0000	
2016-10-14 11:15:00	1.5789	5.0098	0.0079	0.3488	0.0006	0.0000	0.0000	
2016-10-14 11:30:00	2.4590	5.0098	0.0123	0.3488	0.0009	0.0000	0.0000	
2016-10-14 11:45:00	3.2777	5.0098	0.0164	0.3488	0.0011	0.0000	0.0000	
2016-10-14 12:00:00	3.3366	5.0098	0.0167	0.3488	0.0012	0.0000	0.0000	
2016-10-14 12:15:00	4.0101	5.0098	0.0201	0.3488	0.0014	0.0000	0.0000	
2016-10-14 12:30:00	4.2692	5.0098	0.0214	0.3488	0.0015	0.0000	0.0000	
2016-10-14 12:45:00	3.9435	5.0098	0.0198	0.3488	0.0014	0.0000	0.0000	
2016-10-14 13:00:00	4.9839	5.0098	0.0250	0.3488	0.0017	0.0000	0.0000	
2016-10-14 13:15:00	4.9244	5.0098	0.0247	0.3488	0.0017	0.0000	0.0000	
2016-10-14 13:30:00	4.8022	5.0098	0.0241	0.3488	0.0017	0.0000	0.0000	
2016-10-14 13:45:00	4.5126	5.0098	0.0226	0.3488	0.0016	0.0000	0.0000	
2016-10-14 14:00:00	6.1271	5.0098	0.0307	0.3488	0.0021	0.0000	0.0000	
2016-10-14 14:15:00	5.8549	5.0098	0.0293	0.3488	0.0020	0.0000	0.0000	
2016-10-14 14:30:00	5.0357	5.0098	0.0252	0.4453	0.0022	0.0000	0.0000	
2016-10-14 14:45:00	4.4364	5.0098	0.0222	0.2926	0.0013	0.0000	0.0000	
2016-10-14 15:00:00	4.0142	5.0098	0.0201	0.2661	0.0011	0.0000	0.0000	
2016-10-14 15:15:00	5.0577	5.0098	0.0253	0.0303	0.0002	0.0000	0.0000	
2016-10-14 15:30:00	6.0633	5.0098	0.0304	0.0542	0.0003	0.0000	0.0000	
2016-10-14 15:45:00	5.1772	5.0098	0.0259	0.0884 0.0375	0.0005 0.0001	0.0000 0.0000	0.0000	
2016-10-14 16:00:00 2016-10-14 16:15:00	3.8411 0.4646	5.0098 5.0098	0.0192 0.0023	0.0375	0.0001	0.0000	0.0000	
2016-10-14 16:15:00 2016-10-14 16:30:00	0.4646 1.0945	5.0098 5.0098	0.0023	0.1379 0.0750	0.0001	0.0000	0.0000	
2016-10-14 16:30:00	2.8085	5.0098	0.0033	0.0750	0.0001	0.0000	0.0000	
2016-10-14 16:45:00	2.2351	5.0098	0.0141	0.0906	0.0003	0.0000	0.0000	
2016-10-14 17:00:00	3.1014	5.0098	0.0112	0.0906	0.0002	0.0000	0.0000	
2016-10-14 17:13:00	2.3735	5.0098	0.0133	0.0906	0.0003	0.0000	0.0000	
2016-10-14 17:30:00	3.0145	5.0098	0.0119	0.0906	0.0002	0.0000	0.0000	
2016-10-14 17:43:00	4.8412	5.0098	0.0243	0.0906	0.0003	0.0000	0.0000	
2016-10-14 18:05:00	4.3962	5.0098	0.0243	0.1497	0.0007	0.0000	0.0000	
2016-10-14 18:30:00	2.7671	5.0098	0.0139	0.2361	0.0007	0.0000	0.0000	
2016-10-14 18:45:00	3.8637	5.0098	0.0194	0.1935	0.0007	0.0000	0.0000	
2016-10-14 19:00:00	3.1782	5.0098	0.0159	0.2888	0.0009	0.0000	0.0000	
2016-10-14 19:15:00	3.4675	5.0098	0.0174	0.2214	0.0008	0.0000	0.0000	
2016-10-14 19:30:00	3.7278	5.0098	0.0174	0.2644	0.0010	0.0000	0.0000	
2016-10-14 19:45:00	2.7297	5.0098	0.0137	0.1772	0.0005	0.0000	0.0000	
2016-10-14 20:00:00	2.0307	5.0098	0.0102	0.2251	0.0005	0.0000	0.0000	
2016-10-14 20:15:00	3.1270	5.0098	0.0157	0.1951	0.0006	0.0000	0.0000	
2016-10-14 20:30:00	3.1117	5.0098	0.0156	0.1441	0.0004	0.0000	0.0000	
2016-10-14 20:45:00	3.9725	5.0098	0.0199	0.1049	0.0004	0.0000	0.0000	
2016-10-14 21:00:00	3.8797	5.0098	0.0194	0.1036	0.0004	0.0000	0.0000	
2016-10-14 21:15:00	3.5085	5.0098	0.0176	0.2873	0.0010	0.0000	0.0000	
2016-10-14 21:30:00	2.4635	5.0098	0.0123	0.2586	0.0006	0.0000	0.0000	
2016-10-14 21:45:00	1.8545	5.0098	0.0093	0.3318	0.0006	0.0000	0.0000	
2016-10-14 22:00:00	3.4536	5.0098	0.0173	0.2958	0.0010	0.0000	0.0000	
2016-10-14 22:15:00	3.6203	5.0098	0.0181	0.4070	0.0015	0.0000	0.0000	
2016-10-14 22:30:00	4.1859	5.0098	0.0210	0.3091	0.0013	0.0000	0.0000	
2016-10-14 22:45:00	3.4429	5.0098	0.0172	0.2383	0.0008	0.0000	0.0000	
2016-10-14 23:00:00	3.4284	5.0098	0.0172	0.3683	0.0013	0.0000	0.0000	
2016-10-14 23:15:00	4.0294	5.0098	0.0202	0.2530	0.0010	0.0000	0.0000	
2016-10-14 23:30:00	4.2786	5.0098	0.0214	0.3018	0.0013	0.0000	0.0000	
2016-10-14 23:45:00	2.8985	5.0098	0.0145	0.3177	0.0009	0.0000	0.0000	
2016-10-15 00:00:00	2.4771	5.0098	0.0124	0.4129	0.0010	0.0000	0.0000	
2016-10-15 00:15:00	2.5808	5.0098	0.0129	0.4346	0.0011	0.0000	0.0000	
2016-10-15 00:30:00	2.7760	5.0098	0.0139	0.4944	0.0014	0.0000	0.0000	
2016-10-15 00:45:00	0.9949	5.0098	0.0050	0.4944	0.0005	0.0000	0.0000	
2016-10-15 01:00:00	0.9501	5.0098	0.0048	0.4944	0.0005	0.0000	0.0000	
2016-10-15 01:15:00	0.9670	5.0098	0.0048	0.4944	0.0005	0.0000	0.0000	
2016-10-15 01:30:00	2.6394	5.0098	0.0132	0.4944	0.0013	0.0000	0.0000	
2016-10-15 01:45:00	1.9403	5.0098	0.0097	0.4944	0.0010	0.0000	0.0000	
2016-10-15 02:00:00	1.5696	5.0098	0.0079	0.4923	0.0008	0.0000	0.0000	
2016-10-15 02:15:00	2.5299	5.0098	0.0127	0.3614	0.0009	0.0000	0.0000	
2016-10-15 02:30:00	3.2373	5.0098	0.0162	0.3214	0.0010	0.0000	0.0000	
2016-10-15 02:45:00	2.5005	5.0098	0.0125	0.3475	0.0009	0.0000	0.0000	
2016-10-15 03:00:00	0.4000	5.0098	0.0020	0.4058	0.0002	0.0000	0.0000	
2016-10-15 03:15:00	0.4249	5.0098	0.0021	0.4058	0.0002	0.0000	0.0000	
2016-10-15 03:30:00	0.6864	5.0098	0.0034	0.4058	0.0003	0.0000	0.0000	
2016-10-15 03:45:00	1.3613	5.0098	0.0068	0.4058	0.0006	0.0000	0.0000	
2016-10-15 04:00:00	0.0417	5.0098	0.0002	0.4058	0.0000	0.0000	0.0000	
2016-10-15 04:15:00	0.0200	5.0098	0.0001	0.4058	0.0000	0.0000	0.0000	
	0.0000	5.0098	0.0000	0.4058	0.0000	0.0000	0.0000	
2016-10-15 04:30:00	0.0000	3.0030						
2016-10-15 04:30:00 2016-10-15 04:45:00	0.0000	5.0098	0.0000	0.4058	0.0000	0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-15 05:15:00	1.8405	5.0098	0.0092	0.4453	0.0008	0.0000	0.0000	
2016-10-15 05:30:00	2.0798	5.0098	0.0104	0.4284	0.0009	0.0000	0.0000	
2016-10-15 05:45:00	0.5668	5.0098	0.0028	0.4154	0.0002	0.0000	0.0000	
2016-10-15 06:00:00	0.3768	5.0098	0.0019	0.4154	0.0002	0.0000	0.0000	
2016-10-15 06:15:00	0.0978	5.0098	0.0005	0.3651	0.0000	0.0000	0.0000	
2016-10-15 06:30:00	0.5138	5.0098	0.0026	0.3021	0.0002	0.0000	0.0000	
2016-10-15 06:45:00	0.5029 0.0999	5.0098	0.0025 0.0005	0.3229	0.0002	0.0000	0.0000	
2016-10-15 07:00:00 2016-10-15 07:15:00		5.0098 5.0098	0.0005	0.4154 0.4154	0.0000 0.0001	0.0000 0.0000	0.0000	
	0.1208		0.0006		0.0001	0.0000	0.0000	
2016-10-15 07:30:00	0.1484	5.0098 5.0098	0.0007	0.4154 0.4154	0.0001	0.0000	0.0000	
2016-10-15 07:45:00 2016-10-15 08:00:00	0.2584 0.8256	5.0098	0.0013	0.4154	0.0001	0.0000	0.0000	
2016-10-15 08:05:00	0.8256	5.0098	0.0041	0.4154	0.0003	0.0000	0.0000	
2016-10-15 08:30:00	1.0242	5.0098	0.0051	0.4154	0.0003	0.0000	0.0000	
2016-10-15 08:45:00	0.3875	5.0098	0.0031	0.3295	0.0004	0.0000	0.0000	
2016-10-15 09:00:00	0.5816	5.0098	0.0019	0.3008	0.0001	0.0000	0.0000	
2016-10-15 09:00:00	0.2681	5.0098	0.0029	0.3008	0.0002	0.0000	0.0000	
2016-10-15 09:30:00	0.5138	5.0098	0.0013	0.3008	0.0001	0.0000	0.0000	
2016-10-13 09:35:00	1.0040	5.0098	0.0020	0.3084	0.0002	0.0000	0.0000	
2016-10-15 10:00:00	1.0782	5.0098	0.0054	0.4168	0.0003	0.0000	0.0000	
2016-10-15 10:00:00	0.1581	5.0098	0.0034	0.4168	0.0004	0.0000	0.0000	
2016-10-15 10:15:00	0.3096	5.0098	0.0008	0.4168	0.0001	0.0000	0.0000	
2016-10-13 10:30:00	0.8378	5.0098	0.0010	0.3008	0.0001	0.0000	0.0000	
2016-10-13 10:43:00	0.3686	5.0098	0.0042	0.3008	0.0003	0.0000	0.0000	
2016-10-15 11:15:00	0.5959	5.0098	0.0018	0.2610	0.0001	0.0000	0.0000	
2016-10-15 11:30:00	3.9540	5.0098	0.0198	0.0495	0.0002	0.0000	0.0000	
2016-10-15 11:45:00	1.9422	5.0098	0.0097	0.2004	0.0004	0.0000	0.0000	
2016-10-15 12:00:00	1.6122	5.0098	0.0081	0.2315	0.0004	0.0000	0.0000	
2016-10-15 12:15:00	1.1123	5.0098	0.0056	0.2700	0.0003	0.0000	0.0000	
2016-10-15 12:30:00	1.3466	5.0098	0.0067	0.2005	0.0003	0.0000	0.0000	
2016-10-15 12:45:00	1.8266	5.0098	0.0092	0.1792	0.0003	0.0000	0.0000	
2016-10-15 13:00:00	1.8484	5.0098	0.0093	0.1408	0.0003	0.0000	0.0000	
2016-10-15 13:15:00	1.6250	5.0098	0.0081	0.2360	0.0004	0.0000	0.0000	
2016-10-15 13:30:00	2.2607	5.0098	0.0113	0.0566	0.0001	0.0000	0.0000	
2016-10-15 13:45:00	3.1334	5.0098	0.0157	0.1524	0.0005	0.0000	0.0000	
2016-10-15 14:00:00	3.1562	5.0098	0.0158	0.0741	0.0002	0.0000	0.0000	
2016-10-15 14:15:00	3.0645	5.0098	0.0154	0.1340	0.0004	0.0000	0.0000	
2016-10-15 14:30:00	3.2578	5.0098	0.0163	0.1112	0.0004	0.0000	0.0000	
2016-10-15 14:45:00	5.0702	5.0098	0.0254	0.5714	0.0029	0.0000	0.0000	
2016-10-15 15:00:00	4.1663	5.0098	0.0209	0.0984	0.0004	0.0000	0.0000	
2016-10-15 15:15:00	3.7017	5.0098	0.0185	0.2138	0.0008	0.0000	0.0000	
2016-10-15 15:30:00	4.8541	5.0098	0.0243	0.0000	0.0000	0.0000	0.0000	
2016-10-15 15:45:00	7.9887	5.0098	0.0400	7.6844	0.0614	0.0000	0.0000	
2016-10-15 16:00:00	5.5889	5.0098	0.0280	8.3246	0.0465	0.0000	0.0000	
2016-10-15 16:15:00	5.1385	5.0098	0.0257	6.3742	0.0328	0.0000	0.0000	
2016-10-15 16:30:00	6.1232	5.0098	0.0307	5.1042	0.0313	0.0000	0.0000	
2016-10-15 16:45:00	6.4514	5.0098	0.0323	4.7577	0.0307	0.0000	0.0000	
2016-10-15 17:00:00	4.2517	5.0098	0.0213	1.6687	0.0071	0.0000	0.0000	
2016-10-15 17:15:00	3.9194	5.0098	0.0196	0.0323	0.0001	0.0000	0.0000	
2016-10-15 17:30:00	4.0848	5.0098	0.0205	1.4093	0.0058	0.0000	0.0000	
2016-10-15 17:45:00	4.2884	5.0098	0.0215	0.0877	0.0004	0.0000	0.0000	
2016-10-15 18:00:00	5.4218	5.0098	0.0272	0.2634	0.0014	0.0000	0.0000	
2016-10-15 18:15:00	6.6752	5.0098	0.0334	0.1720	0.0011	0.0000	0.0000	
2016-10-15 18:30:00	6.0039	5.0098	0.0301	0.1447	0.0009	0.0000	0.0000	
2016-10-15 18:45:00	6.6518	5.0098	0.0333	0.0369	0.0002	0.0000	0.0000	
2016-10-15 19:00:00	6.3681	5.0098	0.0319	0.1237	0.0008	0.0000	0.0000	
2016-10-15 19:15:00	6.2671	5.0098	0.0314	0.1846	0.0012	0.0000	0.0000	
2016-10-15 19:30:00	6.6764	5.0098	0.0334	0.2132	0.0014	0.0000	0.0000	
2016-10-15 19:45:00	5.8408	5.0098	0.0293	0.1692	0.0010	0.0000	0.0000	
2016-10-15 20:00:00	5.7820	5.0098	0.0290	0.3296	0.0019	0.0000	0.0000	
2016-10-15 20:15:00	4.4817	5.0098	0.0225	0.5766	0.0026	0.0000	0.0000	
2016-10-15 20:30:00	3.8367	5.0098	0.0192	0.6657	0.0026	0.0000	0.0000	
2016-10-15 20:45:00	3.9197	5.0098	0.0196	0.4573	0.0018	0.0000	0.0000	
2016-10-15 21:00:00	3.8461	5.0098	0.0193	0.4688	0.0018	0.0000	0.0000	
2016-10-15 21:15:00	1.2275	5.0098	0.0061	0.4710	0.0006	0.0000	0.0000	
2016-10-15 21:30:00	0.9351	5.0098	0.0047	0.3858	0.0004	0.0000	0.0000	
2016-10-15 21:45:00	4.3284	5.0098	0.0217	0.0847	0.0004	0.0000	0.0000	
	5.2803	5.0098	0.0265	0.1099	0.0006	0.0000	0.0000	
2016-10-15 22:00:00			0.0276	0.1677	0.0009	0.0000	0.0000	
2016-10-15 22:15:00	5.5104	5.0098						
2016-10-15 22:15:00 2016-10-15 22:30:00	5.5104 5.7156	5.0098	0.0286	0.2237	0.0013	0.0000	0.0000	
2016-10-15 22:15:00 2016-10-15 22:30:00 2016-10-15 22:45:00	5.5104 5.7156 4.6546	5.0098 5.0098	0.0286 0.0233	0.3220	0.0015	0.0000	0.0000	
2016-10-15 22:15:00 2016-10-15 22:30:00 2016-10-15 22:45:00 2016-10-15 23:00:00	5.5104 5.7156 4.6546 4.9206	5.0098 5.0098 5.0098	0.0286 0.0233 0.0247	0.3220 0.3220	0.0015 0.0016	0.0000 0.0000	0.0000 0.0000	
2016-10-15 22:15:00 2016-10-15 22:30:00 2016-10-15 22:45:00 2016-10-15 23:00:00 2016-10-15 23:15:00	5.5104 5.7156 4.6546 4.9206 5.6114	5.0098 5.0098 5.0098 5.0098	0.0286 0.0233 0.0247 0.0281	0.3220 0.3220 0.3220	0.0015 0.0016 0.0018	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	
2016-10-15 22:15:00 2016-10-15 22:30:00 2016-10-15 22:45:00 2016-10-15 23:00:00	5.5104 5.7156 4.6546 4.9206	5.0098 5.0098 5.0098	0.0286 0.0233 0.0247	0.3220 0.3220	0.0015 0.0016	0.0000 0.0000	0.0000 0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-16 00:00:00	6.8342	5.0098	0.0342	0.3220	0.0022	0.0000	0.0000
2016-10-16 00:15:00	8.7090	5.0098	0.0436	0.3220	0.0028	0.0000	0.0000
2016-10-16 00:30:00	8.0976	5.0098	0.0406	0.3220	0.0026	0.0000	0.0000
2016-10-16 00:45:00	6.4405	5.0098	0.0323	0.3218	0.0021	0.0000	0.0000
2016-10-16 01:00:00	6.2688	5.0098	0.0314	0.2087	0.0013	0.0000	0.0000
2016-10-16 01:15:00	5.9427	5.0098	0.0298	0.2087	0.0012	0.0000	0.0000
2016-10-16 01:30:00	5.8960	5.0098	0.0295	0.2087	0.0012	0.0000	0.0000
2016-10-16 01:45:00	6.2828	5.0098	0.0315	0.2087	0.0013	0.0000	0.0000
2016-10-16 02:00:00	6.7544	5.0098	0.0338	0.2087	0.0014	0.0000	0.0000
2016-10-16 02:15:00	7.0927	5.0098	0.0355	0.2087	0.0015	0.0000	0.0000
2016-10-16 02:30:00	6.1381	5.0098	0.0308	0.2087	0.0013	0.0000	0.0000
2016-10-16 02:45:00	5.8987	5.0098	0.0296	0.2087	0.0012	0.0000	0.0000
2016-10-16 03:00:00	6.2297	5.0098	0.0312	0.2087	0.0013	0.0000	0.0000
2016-10-16 03:15:00	6.3525	5.0098	0.0318	0.2087	0.0013	0.0000	0.0000
2016-10-16 03:30:00	4.5778	5.0098	0.0229	0.2087	0.0010	0.0000	0.0000
2016-10-16 03:45:00	5.0355	5.0098	0.0252	0.2087	0.0011	0.0000	0.0000
2016-10-16 04:00:00	5.0155	5.0098	0.0251	0.2087	0.0010	0.0000	0.0000
2016-10-16 04:15:00	4.0827	5.0098	0.0205	0.2087	0.0009	0.0000	0.0000
2016-10-16 04:30:00	3.4480	5.0098	0.0173	0.2087	0.0007	0.0000	0.0000
2016-10-16 04:45:00	3.8575	5.0098	0.0193	0.2087	0.0008	0.0000	0.0000
2016-10-16 05:00:00	3.7462	5.0098	0.0188	0.2087	0.0008	0.0000	0.0000
2016-10-16 05:15:00	5.0852	5.0098	0.0255	0.2087	0.0011	0.0000	0.0000
2016-10-16 05:30:00	3.8960	5.0098	0.0195	0.2087	0.0008	0.0000	0.0000
2016-10-16 05:45:00	2.5783	5.0098	0.0129	0.2087	0.0005	0.0000	0.0000
2016-10-16 06:00:00	3.3360	5.0098	0.0167	0.2087	0.0007	0.0000	0.0000
2016-10-16 06:15:00	4.9963	5.0098	0.0250	0.2087	0.0010	0.0000	0.0000
2016-10-16 06:30:00	6.3133	5.0098	0.0316	0.2087	0.0013	0.0000	0.0000
2016-10-16 06:45:00	6.3940	5.0098	0.0320	0.2087	0.0013	0.0000	0.0000
2016-10-16 07:00:00	5.3378	5.0098	0.0267	0.2087	0.0011	0.0000	0.0000
2016-10-16 07:15:00	6.1284	5.0098	0.0307	0.2087	0.0013	0.0000	0.0000
2016-10-16 07:30:00	6.4543	5.0098	0.0323	0.2087	0.0013	0.0000	0.0000
2016-10-16 07:45:00	6.4578	5.0098	0.0324	0.2087	0.0013	0.0000	0.0000
2016-10-16 08:00:00	5.0850	5.0098	0.0255	0.2087	0.0011	0.0000	0.0000
2016-10-16 08:15:00	6.3955	5.0098	0.0320	0.2087	0.0013	0.0000	0.0000
2016-10-16 08:30:00	4.5541	5.0098	0.0228	0.2087	0.0010	0.0000	0.0000
2016-10-16 08:45:00	4.6781	5.0098	0.0234	0.2087	0.0010	0.0000	0.0000
2016-10-16 09:00:00	4.9791	5.0098	0.0249	0.2087	0.0010	0.0000	0.0000
2016-10-16 09:15:00	2.9027	5.0098	0.0145	0.2087	0.0006	0.0000	0.0000
2016-10-16 09:30:00	3.9240	5.0098	0.0197	0.2087	0.0008	0.0000	0.0000
2016-10-16 09:45:00	2.5381	5.0098	0.0127	0.2087	0.0005	0.0000	0.0000
2016-10-16 10:00:00	3.1027	5.0098	0.0155	0.2087	0.0006	0.0000	0.0000
2016-10-16 10:15:00	1.7086	5.0098	0.0086	0.2087	0.0004	0.0000	0.0000
2016-10-16 10:30:00	1.6507	5.0098	0.0083	0.2087	0.0003	0.0000	0.0000
2016-10-16 10:45:00	1.9484	5.0098	0.0098	0.1759	0.0003	0.0000	0.0000
2016-10-16 11:00:00	3.5443	5.0098	0.0178	0.0906	0.0003	0.0000	0.0000
2016-10-16 11:15:00	2.8464	5.0098	0.0143	0.0906	0.0003	0.0000	0.0000
2016-10-16 11:30:00	2.6916	5.0098	0.0135	0.0906	0.0002	0.0000	0.0000
2016-10-16 11:45:00	4.2024	5.0098	0.0211	0.0906	0.0004	0.0000	0.0000
2016-10-16 12:00:00	4.0974	5.0098	0.0205	0.0906	0.0004	0.0000	0.0000
2016-10-16 12:15:00	3.8429	5.0098	0.0193	0.0906	0.0003	0.0000	0.0000
2016-10-16 12:30:00	3.3451	5.0098	0.0168	0.0906	0.0003	0.0000	0.0000
2016-10-16 12:45:00	2.4508	5.0098	0.0123	0.0906	0.0002	0.0000	0.0000
2016-10-16 13:00:00	3.0305	5.0098	0.0152	0.0906	0.0003	0.0000	0.0000
2016-10-16 13:15:00 2016-10-16 13:30:00	3.3447 3.9368	5.0098 5.0098	0.0168 0.0197	0.0906 0.0906	0.0003 0.0004	0.0000 0.0000	0.0000 0.0000
2016-10-16 13:45:00	4.5186 3.9490	5.0098 5.0098	0.0226 0.0198	0.0906 0.0906	0.0004 0.0004	0.0000 0.0000	0.0000 0.0000
2016-10-16 14:00:00							
2016-10-16 14:15:00	4.4221	5.0098	0.0222	0.0906	0.0004	0.0000	0.0000
2016-10-16 14:30:00	4.4456	5.0098 5.0098	0.0223 0.0159	0.0906 0.0906	0.0004 0.0003	0.0000 0.0000	0.0000
2016-10-16 14:45:00	3.1741						0.0000
2016-10-16 15:00:00	3.0904 5.1678	5.0098	0.0155	0.0906	0.0003	0.0000	0.0000
2016-10-16 15:15:00	5.1678	5.0098	0.0259	0.0906	0.0005	0.0000	0.0000
2016-10-16 15:30:00	5.7137	5.0098	0.0286	0.1388	0.0008	0.0000	0.0000
2016-10-16 15:45:00	4.5373	5.0098	0.0227	0.2032	0.0009	0.0000	0.0000
2016-10-16 16:00:00	4.2148	5.0098	0.0211	0.2032	0.0009	0.0000	0.0000
2016-10-16 16:15:00	2.6742	5.0098	0.0134	0.2032	0.0005	0.0000	0.0000
2016-10-16 16:30:00	1.5468	5.0098	0.0077	0.2032	0.0003	0.0000	0.0000
2016-10-16 16:45:00	2.4777	5.0098	0.0124	0.2032	0.0005	0.0000	0.0000
2016-10-16 17:00:00	2.2503	5.0098	0.0113	0.2032	0.0005	0.0000	0.0000
2016-10-16 17:15:00	2.7398	5.0098	0.0137	0.2032	0.0006	0.0000	0.0000
2016-10-16 17:30:00	4.6211	5.0098	0.0232	0.2032	0.0009	0.0000	0.0000
2016-10-16 17:45:00	3.9583	5.0098	0.0198	0.2032	0.0008	0.0000	0.0000
2016-10-16 18:00:00	0.8977	5.0098	0.0045	0.2032	0.0002	0.0000	0.0000
2016-10-16 18:15:00	0.3620	5.0098	0.0018	0.3008	0.0001	0.0000	0.0000
2016-10-16 18:30:00	0.5814	5.0098	0.0029	0.3220	0.0002	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-16 18:45:00	0.5262	5.0098	0.0026	0.2913	0.0002	0.0000	0.0000	
2016-10-16 19:00:00	1.0406	5.0098	0.0052	0.3323	0.0003	0.0000	0.0000	
2016-10-16 19:15:00	2.0799	5.0098	0.0104	0.3323	0.0007	0.0000	0.0000	
2016-10-16 19:30:00	2.4497	5.0098	0.0123	0.5167	0.0013	0.0000	0.0000	
2016-10-16 19:45:00	1.4965	5.0098	0.0075	0.6748	0.0010	0.0000	0.0000	
2016-10-16 20:00:00	2.1312	5.0098	0.0107	0.6859	0.0015	0.0000	0.0000	
2016-10-16 20:15:00	0.9036	5.0098	0.0045	0.4560	0.0004	0.0000	0.0000	
2016-10-16 20:30:00	0.1337	5.0098	0.0007	0.4378	0.0001	0.0000	0.0000	
2016-10-16 20:45:00	0.3651	5.0098	0.0018	0.3248	0.0001	0.0000	0.0000	
2016-10-16 21:00:00	0.0969	5.0098	0.0005	0.3248	0.0000	0.0000	0.0000	
2016-10-16 21:15:00	0.0000	5.0098	0.0000	0.3248	0.0000	0.0000	0.0000	
2016-10-16 21:30:00	0.0000	5.0098	0.0000	0.3248	0.0000	0.0000	0.0000	
2016-10-16 21:45:00	0.0000	5.0098	0.0000	0.3248	0.0000	0.0000	0.0000	
2016-10-16 22:00:00	0.0000	5.0098	0.0000 0.0000	0.3248	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-10-16 22:15:00	0.0000	5.0098		0.3248			0.0000	
2016-10-16 22:30:00	0.1170	5.0098	0.0006 0.0005	0.2856	0.0000	0.0000 0.0000	0.0000	
2016-10-16 22:45:00	0.1010	5.0098 5.0098	0.0005	0.2122 0.2122	0.0000 0.0000	0.0000	0.0000	
2016-10-16 23:00:00 2016-10-16 23:15:00	0.0000	5.0098	0.0000	0.2122	0.0000	0.0000	0.0000	
	0.0636							
2016-10-16 23:30:00 2016-10-16 23:45:00	0.0000 0.0000	5.0098 5.0098	0.0000 0.0000	0.2122 0.2122	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-10-16 23:45:00 2016-10-17 00:00:00	0.0000	5.0098	0.0000	0.2122	0.0000	0.0000	0.0000	
2016-10-17 00:00:00	0.0000	5.0098	0.0004	0.2122	0.0000	0.0000	0.0000	
2016-10-17 00:15:00	0.0000	5.0098	0.0000	0.2122	0.0000	0.0000	0.0000	
2016-10-17 00:45:00	0.1190	5.0098	0.0006	0.2122	0.0000	0.0000	0.0000	
2016-10-17 00:45:00	0.4054	5.0098	0.0006	0.2122	0.0000	0.0000	0.0000	
2016-10-17 01:00:00	0.1552	5.0098	0.0020	0.2122	0.0000	0.0000	0.0000	
2016-10-17 01:30:00	1.4769	5.0098	0.0074	0.2122	0.0003	0.0000	0.0000	
2016-10-17 01:45:00	3.6987	5.0098	0.0185	0.2122	0.0008	0.0000	0.0000	
2016-10-17 02:00:00	4.0082	5.0098	0.0201	0.2122	0.0009	0.0000	0.0000	
2016-10-17 02:15:00	2.7620	5.0098	0.0138	0.2122	0.0006	0.0000	0.0000	
2016-10-17 02:30:00	4.0229	5.0098	0.0202	0.2122	0.0009	0.0000	0.0000	
2016-10-17 02:45:00	5.1755	5.0098	0.0259	0.2122	0.0011	0.0000	0.0000	
2016-10-17 03:00:00	5.7709	5.0098	0.0289	0.1979	0.0011	0.0000	0.0000	
2016-10-17 03:15:00	5.0018	5.0098	0.0251	0.0989	0.0005	0.0000	0.0000	
2016-10-17 03:30:00	3.1470	5.0098	0.0158	0.0989	0.0003	0.0000	0.0000	
2016-10-17 03:45:00	3.6959	5.0098	0.0185	0.0989	0.0004	0.0000	0.0000	
2016-10-17 04:00:00	4.4712	5.0098	0.0224	0.0989	0.0004	0.0000	0.0000	
2016-10-17 04:15:00	4.9701	5.0098	0.0249	0.0989	0.0005	0.0000	0.0000	
2016-10-17 04:30:00	6.7989	5.0098	0.0341	0.0989	0.0007	0.0000	0.0000	
2016-10-17 04:45:00	5.2946	5.0098	0.0265	0.0989	0.0005	0.0000	0.0000	
2016-10-17 05:00:00	5.4380	5.0098	0.0272	0.0989	0.0005	0.0000	0.0000	
2016-10-17 05:15:00	4.1095	5.0098	0.0206	0.0989	0.0004	0.0000	0.0000	
2016-10-17 05:30:00	4.2798	5.0098	0.0214	0.0989	0.0004	0.0000	0.0000	
2016-10-17 05:45:00	3.9774	5.0098	0.0199	0.0989	0.0004	0.0000	0.0000	
2016-10-17 06:00:00	3.6375	5.0098	0.0182	0.0989	0.0004	0.0000	0.0000	
2016-10-17 06:15:00	4.4933	5.0098	0.0225	0.0989	0.0004	0.0000	0.0000	
2016-10-17 06:30:00	5.3696	5.0098	0.0269	0.0989	0.0005	0.0000	0.0000	
2016-10-17 06:45:00	5.8391	5.0098	0.0293	0.0989	0.0006	0.0000	0.0000	
2016-10-17 07:00:00	5.6363	5.0098	0.0282	0.0989	0.0006	0.0000	0.0000	
2016-10-17 07:15:00	5.9282	5.0098	0.0297	0.0989	0.0006	0.0000	0.0000	
2016-10-17 07:30:00	6.6488	5.0098	0.0333	0.0989	0.0007	0.0000	0.0000	
2016-10-17 07:45:00	6.2909	5.0098	0.0315	0.0989	0.0006	0.0000	0.0000	
2016-10-17 08:00:00	6.7455	5.0098	0.0338	0.0989	0.0007	0.0000	0.0000	
2016-10-17 08:15:00	6.3135	5.0098	0.0316	0.0989	0.0006	0.0000	0.0000	
2016-10-17 08:30:00	6.7373	5.0098	0.0338	0.0989	0.0007	0.0000	0.0000	
2016-10-17 08:45:00	7.7681	5.0098	0.0389	0.0989	0.0008	0.0000	0.0000	
2016-10-17 09:00:00	9.2269	5.0098	0.0462	0.0989	0.0009	0.0000	0.0000	
2016-10-17 09:15:00	9.6439	5.0098	0.0483	0.0989	0.0010	0.0000	0.0000	
2016-10-17 09:30:00	9.2210	5.0098	0.0462	0.0989	0.0009	0.0000	0.0000	
2016-10-17 09:45:00	8.7419	5.0098	0.0438	0.0989	0.0009	0.0000	0.0000	
2016-10-17 10:00:00	8.9451	5.0098	0.0448	0.0989	0.0009	0.0000	0.0000	
2016-10-17 10:15:00	8.1700	5.0098	0.0409	0.0989	0.0008	0.0000	0.0000	
2016-10-17 10:30:00	7.4576	5.0098	0.0374	0.0989	0.0007	0.0000	0.0000	
2016-10-17 10:45:00	7.0502	5.0098	0.0353	0.0989	0.0007	0.0000	0.0000	
2016-10-17 11:00:00	6.7586	5.0098	0.0339	0.0989	0.0007	0.0000	0.0000	
2016-10-17 11:15:00	6.2777	5.0098	0.0314	0.0989	0.0006	0.0000	0.0000	
2016-10-17 11:30:00	6.6647	5.0098	0.0334	0.0989	0.0007	0.0000	0.0000	
2016-10-17 11:45:00	6.7625	5.0098	0.0339	0.0989	0.0007	0.0000	0.0000	
2016-10-17 12:00:00	6.9936	5.0098	0.0350	0.0989	0.0007	0.0000	0.0000	
2016-10-17 12:15:00	6.5581	5.0098	0.0329	0.0989	0.0006	0.0000	0.0000	
2016-10-17 12:30:00	3.5640	5.0098	0.0179	0.0989	0.0004	0.0000	0.0000	
			0.0004	0.0000	0.0004	0.0000	0.0000	
2016-10-17 12:45:00	4.0667	5.0098	0.0204	0.0989	0.0004	0.0000	0.0000	
2016-10-17 12:45:00 2016-10-17 13:00:00	4.0667 5.3432	5.0098 5.0098 5.0098	0.0204 0.0268 0.0241	0.0989 0.0989	0.0004	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-17 13:30:00	4.1252	5.0098	0.0207	0.0989	0.0004	0.0000	0.0000	
2016-10-17 13:45:00	5.1942	5.0098	0.0260	0.0989	0.0005	0.0000	0.0000	
2016-10-17 14:00:00	5.1688	5.0098	0.0259	0.0989	0.0005	0.0000	0.0000	
2016-10-17 14:15:00	3.6097	5.0098	0.0181	0.0989	0.0004	0.0000	0.0000	
2016-10-17 14:30:00	3.4821	5.0098	0.0174	0.0989	0.0003	0.0000	0.0000	
2016-10-17 14:45:00	3.9097	5.0098	0.0196	0.0989	0.0004	0.0000	0.0000	
2016-10-17 15:00:00	3.6893	5.0098	0.0185	0.0989	0.0004	0.0000	0.0000	
2016-10-17 15:15:00	3.2817	5.0098	0.0164	0.1842	0.0006	0.0000	0.0000	
2016-10-17 15:30:00	2.8218	5.0098	0.0141	0.2142	0.0006	0.0000	0.0000	
2016-10-17 15:45:00	1.0511	5.0098	0.0053	0.2142	0.0002	0.0000	0.0000	
2016-10-17 16:00:00	0.2401	5.0098	0.0012	0.2142	0.0001	0.0000	0.0000	
2016-10-17 16:15:00	0.0000	5.0098	0.0000	0.2744	0.0000	0.0000	0.0000	
2016-10-17 16:30:00	0.0000	5.0098	0.0000	0.1785	0.0000	0.0000	0.0000	
2016-10-17 16:45:00	0.0000	5.0098	0.0000 0.0000	0.1180 0.0934	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-10-17 17:00:00	0.0000	5.0098	0.0000	0.0934			0.0000	
2016-10-17 17:15:00	0.0374 0.0376	5.0098	0.0002	0.0998	0.0000	0.0000	0.0000	
2016-10-17 17:30:00		5.0098	0.0002	0.1796	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-10-17 17:45:00 2016-10-17 18:00:00	0.1656 0.0197	5.0098 5.0098	0.0008	0.2287	0.0000	0.0000	0.0000	
	0.0000	5.0098	0.0001	0.2287	0.0000	0.0000	0.0000	
2016-10-17 18:15:00		5.0098	0.0000	0.2287	0.0000	0.0000	0.0000	
2016-10-17 18:30:00 2016-10-17 18:45:00	0.0183 0.0000	5.0098	0.0001	0.2287	0.0000	0.0000	0.0000	
2016-10-17 18:45:00 2016-10-17 19:00:00	0.0000	5.0098	0.0000	0.2287	0.0000	0.0000	0.0000	
2016-10-17 19:00:00	0.0000	5.0098	0.0000	0.2287	0.0000	0.0000	0.0000	
2016-10-17 19:15:00 2016-10-17 19:30:00	0.0539	5.0098	0.0003	0.2287	0.0000	0.0000	0.0000	
2016-10-17 19:30:00	0.0202	5.0098	0.0002	0.2287	0.0000	0.0000	0.0000	
2016-10-17 19:45:00	0.0202	5.0098	0.0001	0.2287	0.0000	0.0000	0.0000	
2016-10-17 20:00:00	0.4044	5.0098	0.0020	0.2287	0.0001	0.0000	0.0000	
2016-10-17 20:30:00	2.0839	5.0098	0.0104	0.2287	0.0005	0.0000	0.0000	
2016-10-17 20:45:00	0.1551	5.0098	0.0008	0.2287	0.0000	0.0000	0.0000	
2016-10-17 21:00:00	0.1829	5.0098	0.0009	0.2287	0.0000	0.0000	0.0000	
2016-10-17 21:15:00	0.0851	5.0098	0.0004	0.2287	0.0000	0.0000	0.0000	
2016-10-17 21:30:00	0.2808	5.0098	0.0014	0.2287	0.0001	0.0000	0.0000	
2016-10-17 21:45:00	0.2706	5.0098	0.0014	0.2287	0.0001	0.0000	0.0000	
2016-10-17 22:00:00	0.2831	5.0098	0.0014	0.2287	0.0001	0.0000	0.0000	
2016-10-17 22:15:00	0.4686	5.0098	0.0023	0.2287	0.0001	0.0000	0.0000	
2016-10-17 22:30:00	0.7326	5.0098	0.0037	0.2287	0.0002	0.0000	0.0000	
2016-10-17 22:45:00	2.6769	5.0098	0.0134	0.2287	0.0006	0.0000	0.0000	
2016-10-17 23:00:00	1.0097	5.0098	0.0051	0.2287	0.0002	0.0000	0.0000	
2016-10-17 23:15:00	1.5127	5.0098	0.0076	0.2287	0.0003	0.0000	0.0000	
2016-10-17 23:30:00	0.9776	5.0098	0.0049	0.2287	0.0002	0.0000	0.0000	
2016-10-17 23:45:00	0.1716	5.0098	0.0009	0.2287	0.0000	0.0000	0.0000	
2016-10-18 00:00:00	0.3743	5.0098	0.0019	0.2287	0.0001	0.0000	0.0000	
2016-10-18 00:15:00	1.0028	5.0098	0.0050	0.2287	0.0002	0.0000	0.0000	
2016-10-18 00:30:00	0.0614	5.0098	0.0003	0.2287	0.0000	0.0000	0.0000	
2016-10-18 00:45:00	0.0393	5.0098	0.0002	0.2287	0.0000	0.0000	0.0000	
2016-10-18 01:00:00	0.4990	5.0098	0.0025	0.2287	0.0001	0.0000	0.0000	
2016-10-18 01:15:00	1.1217	5.0098	0.0056	0.2287	0.0003	0.0000	0.0000	
2016-10-18 01:30:00	1.7077	5.0098	0.0086	0.2287	0.0004	0.0000	0.0000	
2016-10-18 01:45:00	0.6658	5.0098	0.0033	0.2287	0.0002	0.0000	0.0000	
2016-10-18 02:00:00	1.1918	5.0098	0.0060	0.2287	0.0003	0.0000	0.0000	
2016-10-18 02:15:00	2.9477	5.0098	0.0148	0.1241	0.0004	0.0000	0.0000	
2016-10-18 02:30:00	1.0885	5.0098	0.0055	0.1531	0.0002	0.0000	0.0000	
2016-10-18 02:45:00	1.0102	5.0098	0.0051	0.1683	0.0002	0.0000	0.0000	
2016-10-18 03:00:00	1.3575	5.0098	0.0068	0.2101	0.0003	0.0000	0.0000	
2016-10-18 03:15:00	0.2820	5.0098	0.0014	0.2101	0.0001	0.0000	0.0000	
2016-10-18 03:30:00	0.0549	5.0098	0.0003	0.2101	0.0000	0.0000	0.0000	
2016-10-18 03:45:00	0.0893	5.0098	0.0004	0.2101	0.0000	0.0000	0.0000	
2016-10-18 04:00:00	0.0188	5.0098	0.0001	0.2101	0.0000	0.0000	0.0000	
2016-10-18 04:15:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 04:30:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 04:45:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 05:00:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 05:15:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 05:30:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 05:45:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 06:00:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 06:15:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 06:30:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 06:45:00	0.1468	5.0098	0.0007	0.1053	0.0000	0.0000	0.0000	
2016-10-18 07:00:00	0.0000	5.0098	0.0000	0.0975	0.0000	0.0000	0.0000	
2016-10-18 07:15:00	0.0000	5.0098	0.0000	0.0975	0.0000	0.0000	0.0000	
-	0.0000	5.0098	0.0000	0.0975	0.0000	0.0000	0.0000	
2016-10-18 07:30:00	0.0000							
2016-10-18 07:30:00 2016-10-18 07:45:00	0.0000 0.0000 0.0000	5.0098 5.0098	0.0000	0.0975 0.2017	0.0000	0.0000 0.0000	0.0000 0.0000	

	Point Source Air Emissions - A2 Nitric Acid Stack							
Parameter	Volumetric Flow Rate	N	Ox	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-18 08:15:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 08:30:00	0.0187	5.0098	0.0001	0.2101	0.0000	0.0000	0.0000	
2016-10-18 08:45:00	0.0000	5.0098	0.0000	0.2101	0.0000	0.0000	0.0000	
2016-10-18 09:00:00	0.0194	5.0098	0.0001 0.0000	0.2101	0.0000 0.0000	0.0000 0.0000	0.0000	
2016-10-18 09:15:00 2016-10-18 09:30:00	0.0000 0.0000	5.0098 5.0098	0.0000	0.2101 0.2101	0.0000	0.0000	0.0000	
2016-10-18 09:30:00	0.0634	5.0098	0.0003	0.2101	0.0000	0.0000	0.0000	
2016-10-18 09:45:00	0.2703	5.0098	0.0003	0.2101	0.0000	0.0000	0.0000	
2016-10-18 10:05:00	0.5906	5.0098	0.0014	0.1065	0.0001	0.0000	0.0000	
2016-10-18 10:13:00	0.4391	5.0098	0.0030	0.1003	0.0001	0.0000	0.0000	
2016-10-18 10:45:00	1.2387	5.0098	0.0062	0.0954	0.0001	0.0000	0.0000	
2016-10-18 11:00:00	1.5012	5.0098	0.0075	0.0954	0.0001	0.0000	0.0000	
2016-10-18 11:15:00	2.8581	5.0098	0.0143	0.0954	0.0003	0.0000	0.0000	
2016-10-18 11:30:00	3.3567	5.0098	0.0168	0.0954	0.0003	0.0000	0.0000	
2016-10-18 11:45:00	1.0673	5.0098	0.0053	0.0954	0.0001	0.0000	0.0000	
2016-10-18 12:00:00	0.5455	5.0098	0.0027	0.0954	0.0001	0.0000	0.0000	
2016-10-18 12:15:00	1.1141	5.0098	0.0056	0.0954	0.0001	0.0000	0.0000	
2016-10-18 12:30:00	0.7095	5.0098	0.0036	0.0954	0.0001	0.0000	0.0000	
2016-10-18 12:45:00	0.5933	5.0098	0.0030	0.2161	0.0001	0.0000	0.0000	
2016-10-18 13:00:00	0.8127	5.0098	0.0041	0.1126	0.0001	0.0000	0.0000	
2016-10-18 13:15:00	1.3906	5.0098	0.0070	0.1126	0.0002	0.0000	0.0000	
2016-10-18 13:30:00	0.9318	5.0098	0.0047	0.1126	0.0001	0.0000	0.0000	
2016-10-18 13:45:00	1.1076	5.0098	0.0055	0.1126	0.0001	0.0000	0.0000	
2016-10-18 14:00:00	0.8793	5.0098	0.0044	0.1126	0.0001	0.0000	0.0000	
2016-10-18 14:15:00	1.3623	5.0098	0.0068	0.1126	0.0002	0.0000	0.0000	
2016-10-18 14:30:00	1.0204	5.0098	0.0051	0.1126	0.0001	0.0000	0.0000	
2016-10-18 14:45:00	0.6518	5.0098	0.0033	0.1126	0.0001	0.0000	0.0000	
2016-10-18 15:00:00	0.8117	5.0098	0.0041	0.1126	0.0001	0.0000	0.0000	
2016-10-18 15:15:00	1.1537	5.0098	0.0058	0.1126	0.0001	0.0000	0.0000	
2016-10-18 15:30:00	2.9802	5.0098	0.0149	0.1126	0.0003	0.0000	0.0000	
2016-10-18 15:45:00	2.5800	5.0098	0.0129	0.1126	0.0003	0.0000	0.0000	
2016-10-18 16:00:00	3.2894	5.0098	0.0165	0.1126	0.0004	0.0000	0.0000	
2016-10-18 16:15:00	2.6347	5.0098	0.0132	0.1126	0.0003	0.0000	0.0000	
2016-10-18 16:30:00	2.9691	5.0098	0.0149	0.1126	0.0003	0.0000	0.0000	
2016-10-18 16:45:00	1.7102	5.0098	0.0086	0.1126	0.0002	0.0000	0.0000	
2016-10-18 17:00:00	0.6050	5.0098	0.0030	0.1126	0.0001	0.0000	0.0000	
2016-10-18 17:15:00	0.2305	5.0098	0.0012	0.1126	0.0000	0.0000	0.0000	
2016-10-18 17:30:00	1.2678	5.0098	0.0064	0.1126	0.0001	0.0000	0.0000	
2016-10-18 17:45:00	1.7996	5.0098	0.0090	0.1126	0.0002	0.0000	0.0000	
2016-10-18 18:00:00	1.2749	5.0098	0.0064	0.1126	0.0001	0.0000	0.0000	
2016-10-18 18:15:00	1.2653	5.0098	0.0063	0.1126	0.0001	0.0000	0.0000	
2016-10-18 18:30:00	0.1980	5.0098	0.0010	0.1126	0.0000	0.0000	0.0000	
2016-10-18 18:45:00	0.0000	5.0098	0.0000	0.1126	0.0000	0.0000	0.0000	
2016-10-18 19:00:00	0.2597	5.0098	0.0013	0.1126	0.0000	0.0000	0.0000	
2016-10-18 19:15:00	0.0000	5.0098	0.0000	0.1126	0.0000	0.0000	0.0000	
2016-10-18 19:30:00	0.0000	5.0098	0.0000	0.1555	0.0000	0.0000	0.0000	
2016-10-18 19:45:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 20:00:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 20:15:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 20:30:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 20:45:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 21:00:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 21:15:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 21:30:00 2016-10-18 21:45:00	0.0000 0.0000	5.0098 5.0098	0.0000 0.0000	0.2259 0.2259	0.0000 0.0000	0.0000 0.0000	0.0000	
		5.0098	0.0000	0.2259		0.0000	0.0000	
2016-10-18 22:00:00 2016-10-18 22:15:00	0.0000 0.0000	5.0098	0.0000	0.2259	0.0000 0.0000	0.0000	0.0000	
2016-10-18 22:15:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 22:30:00	0.0184	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 22:45:00	0.0184	5.0098	0.0001	0.2259	0.0000	0.0000	0.0000	
2016-10-18 23:00:00	0.0000	5.0098	0.0001	0.2259	0.0000	0.0000	0.0000	
2016-10-18 23:15:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 23:30:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-18 23:43:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-19 00:05:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-19 00:30:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-19 00:45:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2016-10-19 00:43:00	0.0388	5.0098	0.0002	0.2259	0.0000	0.0000	0.0000	
2016-10-19 01:00:00	0.1678	5.0098	0.0002	0.2259	0.0000	0.0000	0.0000	
2016-10-19 01:13:00	0.6597	5.0098	0.0033	0.2259	0.0001	0.0000	0.0000	
2016-10-19 01:45:00	0.0000	5.0098	0.0000	0.2259	0.0000	0.0000	0.0000	
2010 10 13 01.43.00			0.0022	0.1499	0.0001	0.0000	0.0000	
2016-10-19 02:00:00	(),4404	5.0098						
2016-10-19 02:00:00 2016-10-19 02:15:00	0.4404 1.1288	5.0098 5.0098						
	0.4404 1.1288 0.1481	5.0098 5.0098 5.0098	0.0057 0.0007	0.1119 0.1119	0.0001 0.0000	0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-19 03:00:00	0.6199	5.0098	0.0031	0.1119	0.0001	0.0000	0.0000
2016-10-19 03:15:00	0.0198	5.0098	0.0001	0.1119	0.0000	0.0000	0.0000
2016-10-19 03:30:00	0.0000	5.0098	0.0000	0.1119	0.0000	0.0000	0.0000
2016-10-19 03:45:00	0.0000	5.0098	0.0000	0.1119	0.0000	0.0000	0.0000
2016-10-19 04:00:00	0.0000	5.0098	0.0000	0.1119	0.0000	0.0000	0.0000
2016-10-19 04:15:00	0.0632	5.0098	0.0003	0.1826	0.0000	0.0000	0.0000
2016-10-19 04:30:00	0.0182	5.0098	0.0001	0.2245	0.0000	0.0000	0.0000
2016-10-19 04:45:00	0.0000	5.0098	0.0000	0.2245	0.0000	0.0000	0.0000
2016-10-19 05:00:00	0.0000	5.0098	0.0000	0.2245	0.0000	0.0000	0.0000
2016-10-19 05:15:00	0.0000	5.0098	0.0000	0.2245	0.0000	0.0000	0.0000
2016-10-19 05:30:00	0.0000	5.0098	0.0000	0.2245	0.0000	0.0000	0.0000
2016-10-19 05:45:00	0.0000	5.0098	0.0000	0.2245	0.0000	0.0000	0.0000
2016-10-19 06:00:00	0.0000	5.0098	0.0000	0.2245	0.0000	0.0000	0.0000
2016-10-19 06:15:00	0.0000	5.0098	0.0000	0.2245	0.0000	0.0000	0.0000
2016-10-19 06:30:00	0.0000	5.0098	0.0000	0.2245	0.0000	0.0000	0.0000
2016-10-19 06:45:00	0.6007	5.0098	0.0030	0.2245	0.0001	0.0000	0.0000
2016-10-19 07:00:00	0.5789	5.0098	0.0029	0.2245	0.0001	0.0000	0.0000
2016-10-19 07:15:00 2016-10-19 07:30:00	3.2298	5.0098	0.0162	0.2245	0.0007	0.0000	0.0000 0.0000
2016-10-19 07:30:00	3.4457	5.0098	0.0173 0.0141	0.2245	0.0008 0.0006	0.0000 0.0000	0.0000
	2.8238	5.0098 5.0098	0.0141	0.2245	0.0008	0.0000	0.0000
2016-10-19 08:00:00 2016-10-19 08:15:00	1.2528 0.2511	5.0098	0.0063	0.2245 0.2245	0.0003	0.0000	0.0000
2016-10-19 08:15:00	0.2277	5.0098	0.0013	0.2245	0.0001	0.0000	0.0000
2016-10-19 08:45:00	0.1309	5.0098	0.0011	0.2243	0.0001	0.0000	0.0000
2016-10-19 08:45:00	0.0208	5.0098	0.0007	0.1327	0.0000	0.0000	0.0000
2016-10-19 09:15:00	0.0189	5.0098	0.0001	0.1119	0.0000	0.0000	0.0000
2016-10-19 09:30:00	0.0960	5.0098	0.0005	0.1119	0.0000	0.0000	0.0000
2016-10-19 09:45:00	0.3399	5.0098	0.0017	0.1119	0.0000	0.0000	0.0000
2016-10-19 10:00:00	1.5572	5.0098	0.0078	0.1119	0.0002	0.0000	0.0000
2016-10-19 10:15:00	1.5044	5.0098	0.0075	0.1119	0.0002	0.0000	0.0000
2016-10-19 10:30:00	1.8309	5.0098	0.0092	0.1119	0.0002	0.0000	0.0000
2016-10-19 10:45:00	0.3854	5.0098	0.0019	0.1119	0.0000	0.0000	0.0000
2016-10-19 11:00:00	2.5907	5.0098	0.0130	0.1119	0.0003	0.0000	0.0000
2016-10-19 11:15:00	2.5213	5.0098	0.0126	0.1119	0.0003	0.0000	0.0000
2016-10-19 11:30:00	2.4315	5.0098	0.0122	0.1119	0.0003	0.0000	0.0000
2016-10-19 11:45:00	2.8411	5.0098	0.0142	0.1119	0.0003	0.0000	0.0000
2016-10-19 12:00:00	1.6229	5.0098	0.0081	0.1119	0.0002	0.0000	0.0000
2016-10-19 12:15:00	1.1518	5.0098	0.0058	0.1119	0.0001	0.0000	0.0000
2016-10-19 12:30:00	1.5223	5.0098	0.0076	0.1119	0.0002	0.0000	0.0000
2016-10-19 12:45:00	2.5327	5.0098	0.0127	0.1119	0.0003	0.0000	0.0000
2016-10-19 13:00:00	3.0023	5.0098	0.0150	0.1119	0.0003	0.0000	0.0000
2016-10-19 13:15:00	3.5533	5.0098	0.0178	0.1119	0.0004	0.0000	0.0000
2016-10-19 13:30:00	3.3354	5.0098	0.0167	0.1119	0.0004	0.0000	0.0000
2016-10-19 13:45:00	1.7714	5.0098	0.0089	0.1119	0.0002	0.0000	0.0000
2016-10-19 14:00:00	1.3278	5.0098	0.0067	0.1119	0.0001	0.0000	0.0000
2016-10-19 14:15:00	0.3347	5.0098	0.0017	0.1617	0.0001	0.0000	0.0000
2016-10-19 14:30:00	0.1870	5.0098	0.0009	0.2259	0.0000	0.0000	0.0000
2016-10-19 14:45:00	0.2190	5.0098	0.0011	0.2259	0.0000	0.0000	0.0000
2016-10-19 15:00:00	0.5135	5.0098	0.0026	0.2259	0.0001	0.0000	0.0000
2016-10-19 15:15:00	0.1196	5.0098	0.0006	0.2591	0.0000	0.0000	0.0000
2016-10-19 15:30:00	0.2188	5.0098	0.0011	0.3017	0.0001	0.0000	0.0000
2016-10-19 15:45:00	0.5287	5.0098	0.0026	0.2314	0.0001	0.0000	0.0000
2016-10-19 16:00:00	0.0180	5.0098	0.0001	0.2314	0.0000	0.0000	0.0000
2016-10-19 16:15:00	0.2616	5.0098	0.0013	0.2314	0.0001	0.0000	0.0000
2016-10-19 16:30:00	0.6028	5.0098	0.0030	0.2314	0.0001	0.0000	0.0000
2016-10-19 16:45:00	0.6626	5.0098	0.0033	0.2314	0.0002	0.0000	0.0000
2016-10-19 17:00:00	0.5394	5.0098	0.0027	0.2314	0.0001	0.0000	0.0000
2016-10-19 17:15:00	0.5143	5.0098	0.0026	0.2314	0.0001	0.0000	0.0000
2016-10-19 17:30:00	0.1569	5.0098	0.0008	0.2314	0.0000	0.0000	0.0000
2016-10-19 17:45:00	0.5327	5.0098	0.0027	0.2314	0.0001	0.0000	0.0000
2016-10-19 18:00:00	1.9718	5.0098	0.0099	0.2314	0.0005	0.0000	0.0000
2016-10-19 18:15:00	1.0430	5.0098	0.0052	0.2314	0.0002	0.0000	0.0000
2016-10-19 18:30:00	0.1081	5.0098	0.0005	0.2314	0.0000	0.0000	0.0000
2016-10-19 18:45:00	0.3113	5.0098	0.0016	0.3199	0.0001	0.0000	0.0000
2016-10-19 19:00:00	0.8276	5.0098	0.0041	0.2634	0.0002	0.0000	0.0000
2016-10-19 19:15:00	0.7098	5.0098	0.0036	0.2300	0.0002	0.0000	0.0000
2016-10-19 19:30:00	0.3161	5.0098	0.0016	0.2300	0.0001	0.0000	0.0000
2016-10-19 19:45:00	0.7278	5.0098	0.0036	0.2300	0.0002	0.0000	0.0000
2016-10-19 20:00:00	0.4234	5.0098	0.0021	0.2300	0.0001	0.0000	0.0000
2016-10-19 20:15:00	0.3082	5.0098	0.0015	0.2300	0.0001	0.0000	0.0000
2016-10-19 20:30:00	0.6163	5.0098	0.0031	0.2300	0.0001	0.0000	0.0000
2016-10-19 20:45:00	0.0597	5.0098	0.0003	0.2300	0.0000	0.0000	0.0000
2016-10-19 21:00:00	0.3750	5.0098	0.0019	0.2300	0.0001	0.0000	0.0000
2016-10-19 21:15:00 2016-10-19 21:30:00	2.2166	5.0098	0.0111	0.2300	0.0005	0.0000	0.0000
	0.0000	5.0098	0.0000	0.2300	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-19 21:45:00	0.2556	5.0098	0.0013	0.2303	0.0001	0.0000	0.0000
2016-10-19 22:00:00	0.4858	5.0098	0.0024	0.3440	0.0002	0.0000	0.0000
2016-10-19 22:15:00	0.1872	5.0098	0.0009	0.3440	0.0001	0.0000	0.0000
2016-10-19 22:30:00	0.1893	5.0098	0.0009	0.3440	0.0001	0.0000	0.0000
2016-10-19 22:45:00	0.4450	5.0098	0.0022	0.3440	0.0002	0.0000	0.0000
2016-10-19 23:00:00	0.1799	5.0098	0.0009	0.3440	0.0001	0.0000	0.0000
2016-10-19 23:15:00	0.5832	5.0098	0.0029	0.3440	0.0002	0.0000	0.0000
2016-10-19 23:30:00	2.5180	5.0098	0.0126	0.3801	0.0010	0.0000	0.0000
2016-10-19 23:45:00	3.0398	5.0098	0.0152	0.4435	0.0013	0.0000	0.0000
2016-10-20 00:00:00	1.1909	5.0098	0.0060	0.4149	0.0005	0.0000	0.0000
2016-10-20 00:15:00	2.2154	5.0098	0.0111	0.3406	0.0008	0.0000	0.0000
2016-10-20 00:30:00	2.6919	5.0098	0.0135	0.3406	0.0009	0.0000	0.0000
2016-10-20 00:45:00	2.8313	5.0098	0.0142	0.3406	0.0010	0.0000	0.0000
2016-10-20 01:00:00	1.9189	5.0098	0.0096	0.3406	0.0007	0.0000	0.0000
2016-10-20 01:15:00	2.4407	5.0098	0.0122	0.3406	0.0008	0.0000	0.0000
2016-10-20 01:30:00	1.6910	5.0098	0.0085	0.2135	0.0004	0.0000	0.0000
2016-10-20 01:45:00	2.6184	5.0098	0.0131	0.2215	0.0006	0.0000	0.0000
2016-10-20 02:00:00 2016-10-20 02:15:00	4.4558	5.0098	0.0223	0.2733	0.0012	0.0000 0.0000	0.0000 0.0000
2016-10-20 02:15:00	3.9793	5.0098	0.0199	0.2102	0.0008 0.0008	0.0000	0.0000
	3.6363	5.0098 5.0098	0.0182	0.2182 0.2987	0.0008	0.0000	0.0000
2016-10-20 02:45:00 2016-10-20 03:00:00	2.1877 1.3834	5.0098	0.0110 0.0069	0.2987	0.0007	0.0000	0.0000
2016-10-20 03:00:00	2.7367	5.0098	0.0069	0.2987	0.0004	0.0000	0.0000
2016-10-20 03:13:00	0.3031	5.0098	0.0137	0.3030	0.0010	0.0000	0.0000
2016-10-20 03:30:00	0.1755	5.0098	0.0013	0.3030	0.0001	0.0000	0.0000
2016-10-20 04:00:00	0.4961	5.0098	0.0025	0.2918	0.0001	0.0000	0.0000
2016-10-20 04:15:00	0.1438	5.0098	0.0023	0.2918	0.0000	0.0000	0.0000
2016-10-20 04:30:00	0.1454	5.0098	0.0007	0.2918	0.0000	0.0000	0.0000
2016-10-20 04:45:00	0.0399	5.0098	0.0002	0.2918	0.0000	0.0000	0.0000
2016-10-20 05:00:00	0.6708	5.0098	0.0034	0.2918	0.0002	0.0000	0.0000
2016-10-20 05:15:00	1.1365	5.0098	0.0057	0.2918	0.0003	0.0000	0.0000
2016-10-20 05:30:00	1.3331	5.0098	0.0067	0.4074	0.0005	0.0000	0.0000
2016-10-20 05:45:00	2.5828	5.0098	0.0129	0.3524	0.0009	0.0000	0.0000
2016-10-20 06:00:00	1.1978	5.0098	0.0060	0.2891	0.0003	0.0000	0.0000
2016-10-20 06:15:00	1.0464	5.0098	0.0052	0.2891	0.0003	0.0000	0.0000
2016-10-20 06:30:00	2.1568	5.0098	0.0108	0.3510	0.0008	0.0000	0.0000
2016-10-20 06:45:00	3.6500	5.0098	0.0183	0.7086	0.0026	0.0000	0.0000
2016-10-20 07:00:00	0.7821	5.0098	0.0039	0.6710	0.0005	0.0000	0.0000
2016-10-20 07:15:00	0.1236	5.0098	0.0006	0.4539	0.0001	0.0000	0.0000
2016-10-20 07:30:00	1.1588	5.0098	0.0058	0.4149	0.0005	0.0000	0.0000
2016-10-20 07:45:00	1.6795	5.0098	0.0084	0.3392	0.0006	0.0000	0.0000
2016-10-20 08:00:00	1.8287	5.0098	0.0092	0.3392	0.0006	0.0000	0.0000
2016-10-20 08:15:00	2.8663	5.0098	0.0144	0.3392	0.0010	0.0000	0.0000
2016-10-20 08:30:00	2.2311	5.0098	0.0112	0.3392	0.0008	0.0000	0.0000
2016-10-20 08:45:00	1.1397	5.0098	0.0057	0.3392	0.0004	0.0000	0.0000
2016-10-20 09:00:00	1.1494	5.0098	0.0058	0.3392	0.0004	0.0000	0.0000
2016-10-20 09:15:00	1.7051	5.0098	0.0085	0.3392	0.0006	0.0000	0.0000
2016-10-20 09:30:00	2.0629	5.0098	0.0103	0.3392	0.0007	0.0000	0.0000
2016-10-20 09:45:00	2.6858	5.0098	0.0135	0.3232	0.0009	0.0000	0.0000
2016-10-20 10:00:00	3.2114	5.0098	0.0161	0.2725	0.0009	0.0000	0.0000
2016-10-20 10:15:00	2.8526	5.0098	0.0143	0.1792	0.0005	0.0000	0.0000
2016-10-20 10:30:00	1.9276	5.0098	0.0097	0.2868	0.0006	0.0000	0.0000
2016-10-20 10:45:00	0.7990	5.0098	0.0040	0.3544	0.0003	0.0000	0.0000
2016-10-20 11:00:00	0.3956	5.0098	0.0020	0.3646	0.0001	0.0000	0.0000
2016-10-20 11:15:00	0.0762	5.0098	0.0004	0.3646	0.0000	0.0000	0.0000
2016-10-20 11:30:00	0.2034	5.0098	0.0010	0.3646	0.0001	0.0000	0.0000
2016-10-20 11:45:00	0.2014	5.0098	0.0010	0.3646	0.0001	0.0000	0.0000
2016-10-20 12:00:00	0.2085	5.0098	0.0010	0.3646	0.0001	0.0000	0.0000
2016-10-20 12:15:00	0.7258	5.0098	0.0036	0.3646	0.0003	0.0000	0.0000
2016-10-20 12:30:00	0.5882	5.0098	0.0029	0.3646	0.0002	0.0000	0.0000
2016-10-20 12:45:00	1.1068	5.0098	0.0055	0.3646	0.0004	0.0000	0.0000
2016-10-20 13:00:00	1.5111	5.0098	0.0076	0.3646	0.0006	0.0000	0.0000
2016-10-20 13:15:00	3.2967	5.0098	0.0165	0.3147	0.0010	0.0000	0.0000
2016-10-20 13:30:00	5.1904	5.0098	0.0260	0.2277	0.0012	0.0000	0.0000
2016-10-20 13:45:00	1.7875	5.0098	0.0090	0.2952	0.0005	0.0000	0.0000
2016-10-20 14:00:00	2.7972	5.0098	0.0140	0.2090	0.0006	0.0000	0.0000
2016-10-20 14:15:00	2.5836	5.0098	0.0129	0.1163	0.0003	0.0000	0.0000
2016-10-20 14:30:00	1.8285	5.0098	0.0092	0.3091	0.0006	0.0000	0.0000
2016-10-20 14:45:00	1.5185	5.0098	0.0076	0.1382	0.0002	0.0000	0.0000
2016-10-20 15:00:00	1.4909	5.0098	0.0075	0.2447	0.0004	0.0000	0.0000
2016-10-20 15:15:00	2.1284	5.0098	0.0107	0.0644	0.0001	0.0000	0.0000
2016-10-20 15:30:00	2.8656	5.0098	0.0144	0.2577	0.0007	0.0000	0.0000
2016-10-20 15:45:00	1.2813	5.0098	0.0064	0.0931	0.0001	0.0000	0.0000
2016-10-20 16:00:00	0.7361	5.0098	0.0037	0.1381	0.0001	0.0000	0.0000
2016-10-20 16:15:00	0.4033	5.0098	0.0020	0.1119	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-20 16:30:00	1.3605	5.0098	0.0068	0.1119	0.0002	0.0000	0.0000
2016-10-20 16:45:00	1.8537	5.0098	0.0093	0.1119	0.0002	0.0000	0.0000
2016-10-20 17:00:00	0.8232	5.0098	0.0041	0.1119	0.0001	0.0000	0.0000
2016-10-20 17:15:00	0.5319	5.0098	0.0027	0.0776	0.0000	0.0000	0.0000
2016-10-20 17:30:00	0.2936	5.0098	0.0015	0.0903	0.0000	0.0000	0.0000
2016-10-20 17:45:00	0.7968	5.0098	0.0040	0.0523	0.0000	0.0000	0.0000
2016-10-20 18:00:00	1.2426	5.0098	0.0062	0.2020	0.0003	0.0000	0.0000
2016-10-20 18:15:00	2.9756	5.0098	0.0149	0.2293	0.0007	0.0000	0.0000
2016-10-20 18:30:00	1.8600	5.0098	0.0093	0.2222	0.0004	0.0000	0.0000
2016-10-20 18:45:00	1.6208	5.0098	0.0081	0.2378	0.0004	0.0000	0.0000
2016-10-20 19:00:00	2.7777	5.0098	0.0139	0.2131	0.0006	0.0000	0.0000
2016-10-20 19:15:00	4.7051	5.0098	0.0236	0.1705	0.0008	0.0000	0.0000
2016-10-20 19:30:00	5.4395	5.0098	0.0273 0.0292	0.1919	0.0010	0.0000	0.0000
2016-10-20 19:45:00 2016-10-20 20:00:00	5.8190 4.8255	5.0098 5.0098	0.0292	0.1443 0.1747	0.0008 0.0008	0.0000 0.0000	0.0000
2016-10-20 20:00:00	4.8255 5.5448	5.0098	0.0242	0.1747	0.0008	0.0000	0.0000
2016-10-20 20:13:00	4.3866	5.0098	0.0278	0.1370	0.0008	0.0000	0.0000
2016-10-20 20:45:00	5.1286	5.0098	0.0220	0.2010	0.0011	0.0000	0.0000
2016-10-20 20:43:00	5.1067	5.0098	0.0257	0.1901	0.0011	0.0000	0.0000
2016-10-20 21:15:00	4.2410	5.0098	0.0230	0.2006	0.0009	0.0000	0.0000
2016-10-20 21:13:00	4.2161	5.0098	0.0212	0.2006	0.0009	0.0000	0.0000
2016-10-20 21:45:00	4.6476	5.0098	0.0211	0.1394	0.0010	0.0000	0.0000
2016-10-20 21:43:00	4.1421	5.0098	0.0233	0.1916	0.0008	0.0000	0.0000
2016-10-20 22:15:00	4.5399	5.0098	0.0208	0.2255	0.0010	0.0000	0.0000
2016-10-20 22:30:00	3.6721	5.0098	0.0184	0.2363	0.0009	0.0000	0.0000
2016-10-20 22:45:00	3.1395	5.0098	0.0157	0.1108	0.0003	0.0000	0.0000
2016-10-20 23:00:00	0.6420	5.0098	0.0032	0.2145	0.0001	0.0000	0.0000
2016-10-20 23:15:00	1.4928	5.0098	0.0075	0.3234	0.0005	0.0000	0.0000
2016-10-20 23:30:00	1.2123	5.0098	0.0061	0.3234	0.0004	0.0000	0.0000
2016-10-20 23:45:00	1.9058	5.0098	0.0095	0.3113	0.0006	0.0000	0.0000
2016-10-21 00:00:00	1.9988	5.0098	0.0100	0.2491	0.0005	0.0000	0.0000
2016-10-21 00:15:00	0.7570	5.0098	0.0038	0.3264	0.0002	0.0000	0.0000
2016-10-21 00:30:00	0.1228	5.0098	0.0006	0.3502	0.0000	0.0000	0.0000
2016-10-21 00:45:00	0.2018	5.0098	0.0010	0.3502	0.0001	0.0000	0.0000
2016-10-21 01:00:00	0.1171	5.0098	0.0006	0.3502	0.0000	0.0000	0.0000
2016-10-21 01:15:00	0.0625	5.0098	0.0003	0.3502	0.0000	0.0000	0.0000
2016-10-21 01:30:00	0.1725	5.0098	0.0009	0.3502	0.0001	0.0000	0.0000
2016-10-21 01:45:00	0.0981	5.0098	0.0005	0.3502	0.0000	0.0000	0.0000
2016-10-21 02:00:00	0.0000	5.0098	0.0000	0.3502	0.0000	0.0000	0.0000
2016-10-21 02:15:00	0.0000	5.0098	0.0000	0.3502	0.0000	0.0000	0.0000
2016-10-21 02:30:00	0.0000	5.0098	0.0000	0.2510	0.0000	0.0000	0.0000
2016-10-21 02:45:00	0.0000	5.0098	0.0000	0.2376	0.0000	0.0000	0.0000
2016-10-21 03:00:00	0.0000	5.0098	0.0000	0.2376	0.0000	0.0000	0.0000
2016-10-21 03:15:00	0.0000	5.0098	0.0000	0.2376	0.0000	0.0000	0.0000
2016-10-21 03:30:00	0.0000	5.0098	0.0000	0.3393	0.0000	0.0000	0.0000
2016-10-21 03:45:00	0.0000	5.0098	0.0000	0.3502	0.0000	0.0000	0.0000
2016-10-21 04:00:00	0.0000	5.0098	0.0000	0.3502	0.0000	0.0000	0.0000
2016-10-21 04:15:00	0.0000	5.0098	0.0000	0.3502	0.0000	0.0000	0.0000
2016-10-21 04:30:00	0.0000	5.0098	0.0000	0.2835	0.0000	0.0000	0.0000
2016-10-21 04:45:00	0.0000	5.0098	0.0000	0.2341	0.0000	0.0000	0.0000
2016-10-21 05:00:00	0.0000	5.0098	0.0000	0.2341	0.0000	0.0000	0.0000
2016-10-21 05:15:00	0.0000	5.0098	0.0000	0.2341	0.0000	0.0000	0.0000
2016-10-21 05:30:00	0.0000	5.0098	0.0000	0.2341	0.0000	0.0000	0.0000
2016-10-21 05:45:00	0.0000	5.0098	0.0000	0.2341	0.0000	0.0000	0.0000
2016-10-21 06:00:00	0.0000	5.0098	0.0000	0.2341	0.0000	0.0000	0.0000
2016-10-21 06:15:00	0.0000	5.0098	0.0000	0.2530	0.0000	0.0000	0.0000
2016-10-21 06:30:00	0.0000	5.0098	0.0000	0.3495	0.0000	0.0000	0.0000
2016-10-21 06:45:00	0.0000	5.0098	0.0000	0.3495	0.0000	0.0000	0.0000
2016-10-21 07:00:00	0.0000	5.0098	0.0000	0.3495	0.0000	0.0000	0.0000
2016-10-21 07:15:00	0.5758	5.0098	0.0029	0.3495	0.0002	0.0000	0.0000
2016-10-21 07:30:00	0.4796	5.0098	0.0024	0.3495	0.0002	0.0000	0.0000
2016-10-21 07:45:00	0.6546	5.0098	0.0033	0.3142	0.0002	0.0000	0.0000
2016-10-21 08:00:00	2.8911	5.0098	0.0145	0.2348	0.0007	0.0000	0.0000
2016-10-21 08:15:00	4.6813	5.0098	0.0235	0.2348	0.0011	0.0000	0.0000
2016-10-21 08:30:00	5.9366	5.0098	0.0297	0.1365	0.0008	0.0000	0.0000
2016-10-21 08:45:00	6.3991	5.0098	0.0321	0.1202	0.0008	0.0000	0.0000
2016-10-21 09:00:00	6.2930	5.0098	0.0315	0.1202	0.0008	0.0000	0.0000
2016-10-21 09:15:00	6.4395	5.0098	0.0323	0.1202	0.0008	0.0000	0.0000
	5.7553	5.0098	0.0288	0.1202	0.0007	0.0000	0.0000
2016-10-21 09:30:00		5.0098	0.0255	0.1202	0.0006	0.0000	0.0000
2016-10-21 09:45:00	5.0914			4 4 4 4 4 4			
2016-10-21 09:45:00 2016-10-21 10:00:00	5.0769	5.0098	0.0254	0.1202	0.0006	0.0000	0.0000
2016-10-21 09:45:00 2016-10-21 10:00:00 2016-10-21 10:15:00	5.0769 5.5555	5.0098 5.0098	0.0278	0.1202	0.0007	0.0000	0.0000
2016-10-21 09:45:00 2016-10-21 10:00:00 2016-10-21 10:15:00 2016-10-21 10:30:00	5.0769 5.5555 5.3140	5.0098 5.0098 5.0098	0.0278 0.0266	0.1202 0.1202	0.0007 0.0006	0.0000 0.0000	0.0000 0.0000
2016-10-21 09:45:00 2016-10-21 10:00:00 2016-10-21 10:15:00	5.0769 5.5555	5.0098 5.0098	0.0278	0.1202	0.0007	0.0000	0.0000

	Point Source Air Emissions - A2 Nitric Acid Stack								
Parameter	Volumetric Flow Rate		Ох	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2016-10-21 11:15:00	5.3961	5.0098	0.0270	0.1202	0.0006	0.0000	0.0000		
2016-10-21 11:30:00	5.3766	5.0098	0.0269	0.1202	0.0006	0.0000	0.0000		
2016-10-21 11:45:00	6.1848	5.0098	0.0310	0.1202	0.0007	0.0000	0.0000		
2016-10-21 12:00:00	5.8908	5.0098	0.0295	0.1202	0.0007	0.0000	0.0000		
2016-10-21 12:15:00	4.0060	5.0098	0.0201	0.1202	0.0005	0.0000	0.0000		
2016-10-21 12:30:00	3.8625	5.0098	0.0194	0.1202	0.0005	0.0000	0.0000		
2016-10-21 12:45:00 2016-10-21 13:00:00	2.8953	5.0098	0.0145	0.1202 0.1202	0.0003	0.0000	0.0000		
	3.6743 4.8324	5.0098 5.0098	0.0184 0.0242	0.1202	0.0004 0.0006	0.0000 0.0000	0.0000 0.0000		
2016-10-21 13:15:00 2016-10-21 13:30:00	4.8324 4.9747		0.0242	0.1202	0.0006	0.0000	0.0000		
2016-10-21 13:30:00		5.0098 5.0098	0.0249	0.1202	0.0006	0.0000	0.0000		
2016-10-21 13:43:00	5.4226	5.0098	0.0272	0.2438	0.0013	0.0000	0.0000		
2016-10-21 14:00:00	5.1260 6.6353	5.0098	0.0237	0.1559	0.0008	0.0000	0.0000		
2016-10-21 14:15:00	5.4777	5.0098	0.0332	0.1559	0.0010	0.0000	0.0000		
2016-10-21 14:45:00	3.6548	5.0098	0.0274	0.1559	0.0009	0.0000	0.0000		
2016-10-21 14:43:00	1.3559	5.0098	0.0068	0.2406	0.0003	0.0000	0.0000		
2016-10-21 15:00:00	0.6188	5.0098	0.0068	0.2406	0.0003	0.0000	0.0000		
2016-10-21 15:13:00	0.7658	5.0098	0.0031	0.2740	0.0002	0.0000	0.0000		
2016-10-21 15:45:00	0.5844	5.0098	0.0038	0.2740	0.0002	0.0000	0.0000		
2016-10-21 15:43:00	0.3878	5.0098	0.0029	0.2740	0.0002	0.0000	0.0000		
2016-10-21 16:00:00	0.8057	5.0098	0.0019	0.2740	0.0001	0.0000	0.0000		
2016-10-21 16:13:00	1.6398	5.0098	0.0040	0.3886	0.0002	0.0000	0.0000		
2016-10-21 16:45:00	1.9965	5.0098	0.0100	0.3886	0.0008	0.0000	0.0000		
2016-10-21 17:00:00	1.6710	5.0098	0.0084	0.3886	0.0006	0.0000	0.0000		
2016-10-21 17:15:00	2.5585	5.0098	0.0128	0.3886	0.0010	0.0000	0.0000		
2016-10-21 17:30:00	2.1881	5.0098	0.0110	0.3886	0.0009	0.0000	0.0000		
2016-10-21 17:45:00	2.2346	5.0098	0.0112	0.3886	0.0009	0.0000	0.0000		
2016-10-21 18:00:00	3.3726	5.0098	0.0169	0.3886	0.0013	0.0000	0.0000		
2016-10-21 18:15:00	2.5515	5.0098	0.0128	0.3559	0.0009	0.0000	0.0000		
2016-10-21 18:30:00	3.9539	5.0098	0.0198	0.2753	0.0011	0.0000	0.0000		
2016-10-21 18:45:00	4.0995	5.0098	0.0205	0.2753	0.0011	0.0000	0.0000		
2016-10-21 19:00:00	3.8025	5.0098	0.0190	0.2753	0.0010	0.0000	0.0000		
2016-10-21 19:15:00	3.5655	5.0098	0.0179	0.2753	0.0010	0.0000	0.0000		
2016-10-21 19:30:00	3.2738	5.0098	0.0164	0.2753	0.0009	0.0000	0.0000		
2016-10-21 19:45:00	2.8179	5.0098	0.0141	0.2753	0.0008	0.0000	0.0000		
2016-10-21 20:00:00	1.2241	5.0098	0.0061	0.2753	0.0003	0.0000	0.0000		
2016-10-21 20:15:00	0.5223	5.0098	0.0026	0.2753	0.0001	0.0000	0.0000		
2016-10-21 20:30:00	0.7661	5.0098	0.0038	0.2753	0.0002	0.0000	0.0000		
2016-10-21 20:45:00	0.9205	5.0098	0.0046	0.2753	0.0003	0.0000	0.0000		
2016-10-21 21:00:00	1.5873	5.0098	0.0080	0.2753	0.0004	0.0000	0.0000		
2016-10-21 21:15:00	0.4564	5.0098	0.0023	0.2753	0.0001	0.0000	0.0000		
2016-10-21 21:30:00	0.2972	5.0098	0.0015	0.2753	0.0001	0.0000	0.0000		
2016-10-21 21:45:00	0.2327	5.0098	0.0012	0.2753	0.0001	0.0000	0.0000		
2016-10-21 22:00:00	0.2682	5.0098	0.0013	0.2753	0.0001	0.0000	0.0000		
2016-10-21 22:15:00	0.5851	5.0098	0.0029	0.2753	0.0002	0.0000	0.0000		
2016-10-21 22:30:00	0.0617	5.0098	0.0003	0.2753	0.0000	0.0000	0.0000		
2016-10-21 22:45:00	0.0000	5.0098	0.0000	0.2753	0.0000	0.0000	0.0000		
2016-10-21 23:00:00	0.0179	5.0098	0.0001	0.2753	0.0000	0.0000	0.0000		
2016-10-21 23:15:00	0.0000	5.0098	0.0000	0.3170	0.0000	0.0000	0.0000		
2016-10-21 23:30:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-21 23:45:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 00:00:00	0.0188	5.0098	0.0001	0.2623	0.0000	0.0000	0.0000		
2016-10-22 00:15:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 00:30:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 00:45:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 01:00:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 01:15:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 01:30:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 01:45:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 02:00:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 02:15:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 02:30:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 02:45:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 03:00:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 03:15:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 03:30:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 03:45:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 04:00:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 04:15:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 04:30:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 04:45:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 05:00:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 05:15:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		
2016-10-22 05:30:00	0.0391	5.0098	0.0002	0.2623	0.0000	0.0000	0.0000		
2016-10-22 05:45:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000		

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-22 06:00:00	0.6409	5.0098	0.0032	0.2623	0.0002	0.0000	0.0000
2016-10-22 06:15:00	0.2013	5.0098	0.0010	0.2623	0.0001	0.0000	0.0000
2016-10-22 06:30:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000
2016-10-22 06:45:00	0.0000	5.0098	0.0000	0.2623	0.0000	0.0000	0.0000
2016-10-22 07:00:00	0.1035	5.0098	0.0005	0.2623	0.0000	0.0000	0.0000
2016-10-22 07:15:00	1.2425	5.0098	0.0062	0.2623	0.0003	0.0000	0.0000
2016-10-22 07:30:00	2.3398	5.0098	0.0117	0.2623 0.1958	0.0006	0.0000	0.0000
2016-10-22 07:45:00	6.5510 7.3472	5.0098 5.0098	0.0328 0.0368	0.1958	0.0013 0.0011	0.0000 0.0000	0.0000 0.0000
2016-10-22 08:00:00 2016-10-22 08:15:00	7.3472 7.1893		0.0368	0.1490	0.0011	0.0000	0.0000
	7.1893 7.8303	5.0098 5.0098	0.0360	0.1490	0.0011	0.0000	0.0000
2016-10-22 08:30:00 2016-10-22 08:45:00	7.6303 7.4179	5.0098	0.0392	0.1490	0.0012	0.0000	0.0000
2016-10-22 08:45:00	6.8087	5.0098	0.0372	0.1490	0.0011	0.0000	0.0000
2016-10-22 09:00:00	7.4190	5.0098	0.0341	0.1490	0.0010	0.0000	0.0000
2016-10-22 09:30:00	6.8095	5.0098	0.0372	0.1490	0.0011	0.0000	0.0000
2016-10-22 09:45:00	5.9956	5.0098	0.0341	0.1490	0.0010	0.0000	0.0000
2016-10-22 09:45:00	6.5028	5.0098	0.0300	0.1490	0.0009	0.0000	0.0000
2016-10-22 10:00:00	5.0317	5.0098	0.0320	0.1490	0.0010	0.0000	0.0000
2016-10-22 10:13:00	3.7332	5.0098	0.0232	0.1490	0.0007	0.0000	0.0000
2016-10-22 10:35:00	5.1103	5.0098	0.0187	0.1490	0.0008	0.0000	0.0000
2016-10-22 10:45:00	3.3062	5.0098	0.0256	0.1490	0.0008	0.0000	0.0000
2016-10-22 11:05:00	1.8071	5.0098	0.0100	0.1490	0.0003	0.0000	0.0000
2016-10-22 11:30:00	2.2582	5.0098	0.0113	0.1490	0.0003	0.0000	0.0000
2016-10-22 11:45:00	2.8178	5.0098	0.0113	0.1490	0.0003	0.0000	0.0000
2016-10-22 12:00:00	2.4795	5.0098	0.0141	0.1490	0.0004	0.0000	0.0000
2016-10-22 12:15:00	2.9240	5.0098	0.0146	0.1490	0.0004	0.0000	0.0000
2016-10-22 12:30:00	0.8782	5.0098	0.0044	0.1490	0.0001	0.0000	0.0000
2016-10-22 12:45:00	1.3746	5.0098	0.0069	0.1490	0.0002	0.0000	0.0000
2016-10-22 13:00:00	2.7066	5.0098	0.0136	0.1490	0.0004	0.0000	0.0000
2016-10-22 13:15:00	4.5109	5.0098	0.0226	0.1490	0.0007	0.0000	0.0000
2016-10-22 13:30:00	3.5664	5.0098	0.0179	0.1490	0.0005	0.0000	0.0000
2016-10-22 13:45:00	3.2854	5.0098	0.0165	0.1490	0.0005	0.0000	0.0000
2016-10-22 14:00:00	4.7142	5.0098	0.0236	0.1490	0.0007	0.0000	0.0000
2016-10-22 14:15:00	4.2886	5.0098	0.0215	0.1490	0.0006	0.0000	0.0000
2016-10-22 14:30:00	3.6978	5.0098	0.0185	0.1490	0.0006	0.0000	0.0000
2016-10-22 14:45:00	2.0010	5.0098	0.0100	0.1490	0.0003	0.0000	0.0000
2016-10-22 15:00:00	2.4004	5.0098	0.0120	0.1490	0.0004	0.0000	0.0000
2016-10-22 15:15:00	2.3386	5.0098	0.0117	0.1490	0.0003	0.0000	0.0000
2016-10-22 15:30:00	1.6887	5.0098	0.0085	0.1490	0.0003	0.0000	0.0000
2016-10-22 15:45:00	0.6934	5.0098	0.0035	0.1490	0.0001	0.0000	0.0000
2016-10-22 16:00:00	0.2581	5.0098	0.0013	0.1490	0.0000	0.0000	0.0000
2016-10-22 16:15:00	0.1566	5.0098	0.0008	0.2164	0.0000	0.0000	0.0000
2016-10-22 16:30:00	0.1572	5.0098	0.0008	0.2630	0.0000	0.0000	0.0000
2016-10-22 16:45:00	0.0407	5.0098	0.0002	0.1895	0.0000	0.0000	0.0000
2016-10-22 17:00:00	0.0000	5.0098	0.0000	0.2349	0.0000	0.0000	0.0000
2016-10-22 17:15:00	0.1226	5.0098	0.0006	0.2472	0.0000	0.0000	0.0000
2016-10-22 17:30:00	0.2476	5.0098	0.0012	0.2472	0.0001	0.0000	0.0000
2016-10-22 17:45:00	0.1258	5.0098	0.0006	0.2819	0.0000	0.0000	0.0000
2016-10-22 18:00:00	0.0000	5.0098	0.0000	0.3598	0.0000	0.0000	0.0000
2016-10-22 18:15:00	0.0185	5.0098	0.0001	0.3086	0.0000	0.0000	0.0000
2016-10-22 18:30:00	0.0390	5.0098	0.0002	0.2465	0.0000	0.0000	0.0000
2016-10-22 18:45:00	0.0000	5.0098	0.0000	0.2465	0.0000	0.0000	0.0000
2016-10-22 19:00:00	0.1252	5.0098	0.0006	0.2465	0.0000	0.0000	0.0000
2016-10-22 19:15:00	0.1269	5.0098	0.0006	0.2465	0.0000	0.0000	0.0000
2016-10-22 19:30:00	0.4088	5.0098	0.0020	0.2465	0.0001	0.0000	0.0000
2016-10-22 19:45:00	1.0642	5.0098	0.0053	0.2465	0.0003	0.0000	0.0000
2016-10-22 20:00:00	0.7328	5.0098	0.0037	0.2465	0.0002	0.0000	0.0000
2016-10-22 20:15:00	0.0954	5.0098	0.0005	0.2465	0.0000	0.0000	0.0000
2016-10-22 20:30:00	0.0000	5.0098	0.0000	0.1584	0.0000	0.0000	0.0000
2016-10-22 20:45:00	0.0193	5.0098	0.0001	0.1325	0.0000	0.0000	0.0000
2016-10-22 21:00:00	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-22 21:15:00	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-22 21:30:00	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-22 21:45:00	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-22 22:00:00	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-22 22:15:00	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-22 22:30:00	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-22 22:45:00	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-22 23:00:00	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
	0.0000	5.0098	0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-22 23:15:00			0.0000	0.1325	0.0000	0.0000	0.0000
2016-10-22 23:30:00	0.0000	5.0098	0.0000				
2016-10-22 23:30:00 2016-10-22 23:45:00	0.0000	5.0098	0.0000	0.2127	0.0000	0.0000	0.0000
2016-10-22 23:30:00 2016-10-22 23:45:00 2016-10-23 00:00:00	0.0000 0.0000	5.0098 5.0098	0.0000 0.0000	0.2127 0.2451	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-22 23:30:00 2016-10-22 23:45:00	0.0000	5.0098	0.0000	0.2127	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack					
Parameter	Volumetric Flow Rate	N	Ox	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2016-10-23 00:45:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 01:00:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 01:15:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 01:30:00	0.0000	5.0098	0.0000 0.0000	0.2451	0.0000 0.0000	0.0000 0.0000	0.0000		
2016-10-23 01:45:00 2016-10-23 02:00:00	0.0000 0.0000	5.0098 5.0098	0.0000	0.2451 0.2451	0.0000	0.0000	0.0000		
2016-10-23 02:00:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 02:15:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 02:35:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 03:00:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 03:15:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 03:30:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 03:45:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 04:00:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 04:15:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 04:30:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 04:45:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 05:00:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 05:15:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 05:30:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 05:45:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 06:00:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 06:15:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 06:30:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 06:45:00	0.0000	5.0098	0.0000	0.2451	0.0000	0.0000	0.0000		
2016-10-23 07:00:00	0.0000	5.0098	0.0000	0.3421	0.0000	0.0000	0.0000		
2016-10-23 07:15:00	0.0000	5.0098	0.0000	0.2691	0.0000	0.0000	0.0000		
2016-10-23 07:30:00	0.0000	5.0098	0.0000	0.2438	0.0000	0.0000	0.0000		
2016-10-23 07:45:00	0.0000	5.0098	0.0000	0.2438	0.0000	0.0000	0.0000		
2016-10-23 08:00:00	0.0000	5.0098	0.0000	0.2438	0.0000	0.0000	0.0000		
2016-10-23 08:15:00	0.0000	5.0098	0.0000	0.2438	0.0000	0.0000	0.0000		
2016-10-23 08:30:00	0.0000	5.0098	0.0000	0.2438	0.0000	0.0000	0.0000		
2016-10-23 08:45:00	0.0000	5.0098	0.0000	0.2438	0.0000	0.0000	0.0000		
2016-10-23 09:00:00	0.0000	5.0098	0.0000	0.2438	0.0000	0.0000	0.0000		
2016-10-23 09:15:00	0.1097	5.0098	0.0005	0.2438	0.0000	0.0000	0.0000		
2016-10-23 09:30:00	0.0376	5.0098	0.0002	0.2438	0.0000	0.0000	0.0000		
2016-10-23 09:45:00	0.0000	5.0098	0.0000	0.2438	0.0000	0.0000	0.0000		
2016-10-23 10:00:00	0.0365	5.0098	0.0002	0.2438	0.0000	0.0000	0.0000		
2016-10-23 10:15:00	0.3921	5.0098	0.0020	0.2192	0.0001	0.0000	0.0000		
2016-10-23 10:30:00	0.4063	5.0098	0.0020	0.1270	0.0001	0.0000	0.0000		
2016-10-23 10:45:00	1.3020 0.4054	5.0098 5.0098	0.0065 0.0020	0.1270 0.1270	0.0002 0.0001	0.0000 0.0000	0.0000		
2016-10-23 11:00:00 2016-10-23 11:15:00	0.4054	5.0098	0.0020	0.1270	0.0001	0.0000	0.0000		
	0.5335	5.0098	0.0049	0.1270	0.0001	0.0000	0.0000		
2016-10-23 11:30:00 2016-10-23 11:45:00	0.4069	5.0098	0.0027	0.1270	0.0001	0.0000	0.0000		
2016-10-23 11:45:00	0.1934	5.0098	0.0020	0.1270	0.0001	0.0000	0.0000		
2016-10-23 12:00:00	0.0387	5.0098	0.0010	0.1270	0.0000	0.0000	0.0000		
2016-10-23 12:13:00	0.0598	5.0098	0.0002	0.2157	0.0000	0.0000	0.0000		
2016-10-23 12:30:00	0.0000	5.0098	0.0003	0.2157	0.0000	0.0000	0.0000		
2016-10-23 12:43:00	0.0000	5.0098	0.0000	0.2396	0.0000	0.0000	0.0000		
2016-10-23 13:00:00	0.0196	5.0098	0.0001	0.2396	0.0000	0.0000	0.0000		
2016-10-23 13:13:00	0.0000	5.0098	0.0000	0.2396	0.0000	0.0000	0.0000		
2016-10-23 13:45:00	0.0000	5.0098	0.0000	0.2396	0.0000	0.0000	0.0000		
2016-10-23 14:00:00	0.0000	5.0098	0.0000	0.2396	0.0000	0.0000	0.0000		
2016-10-23 14:15:00	0.0000	5.0098	0.0000	0.2396	0.0000	0.0000	0.0000		
2016-10-23 14:30:00	0.0000	5.0098	0.0000	0.2396	0.0000	0.0000	0.0000		
2016-10-23 14:45:00	0.0000	5.0098	0.0000	0.2396	0.0000	0.0000	0.0000		
2016-10-23 15:00:00	0.0000	5.0098	0.0000	0.2396	0.0000	0.0000	0.0000		
2016-10-23 15:15:00	0.0550	5.0098	0.0003	0.3445	0.0000	0.0000	0.0000		
2016-10-23 15:30:00	0.0000	5.0098	0.0000	0.3423	0.0000	0.0000	0.0000		
2016-10-23 15:45:00	0.0000	5.0098	0.0000	0.2376	0.0000	0.0000	0.0000		
2016-10-23 16:00:00	0.1742	5.0098	0.0009	0.1092	0.0000	0.0000	0.0000		
2016-10-23 16:15:00	1.3273	5.0098	0.0066	0.0168	0.0000	0.0000	0.0000		
2016-10-23 16:30:00	1.1785	5.0098	0.0059	0.0281	0.0000	0.0000	0.0000		
2016-10-23 16:45:00	1.3589	5.0098	0.0068	0.1993	0.0003	0.0000	0.0000		
2016-10-23 17:00:00	0.4237	5.0098	0.0021	0.2449	0.0001	0.0000	0.0000		
2016-10-23 17:15:00	0.0443	5.0098	0.0002	0.3192	0.0000	0.0000	0.0000		
2016-10-23 17:30:00	0.3257	5.0098	0.0016	0.3378	0.0001	0.0000	0.0000		
2016-10-23 17:45:00	1.1150	5.0098	0.0056	0.3378	0.0004	0.0000	0.0000		
2016-10-23 18:00:00	2.1474	5.0098	0.0108	0.3378	0.0007	0.0000	0.0000		
2010-10-23 18.00.00			0.0268	0.3378	0.0018	0.0000	0.0000		
2016-10-23 18:15:00	5.3408	5.0098	0.0208						
	5.3408 4.2224	5.0098 5.0098	0.0212	0.3378	0.0014	0.0000	0.0000		
2016-10-23 18:15:00 2016-10-23 18:30:00 2016-10-23 18:45:00	4.2224 0.8535	5.0098 5.0098	0.0212 0.0043	0.3378 0.3378	0.0014 0.0003	0.0000 0.0000	0.0000 0.0000		
2016-10-23 18:15:00 2016-10-23 18:30:00	4.2224	5.0098	0.0212	0.3378	0.0014	0.0000	0.0000		

	Point Source Air Emissions - A2 Nitric Acid Stack							
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-23 19:30:00	0.6917	5.0098	0.0035	0.3378	0.0002	0.0000	0.0000	
2016-10-23 19:45:00	0.9206	5.0098	0.0046	0.3378	0.0003	0.0000	0.0000	
2016-10-23 20:00:00	2.7064	5.0098	0.0136	0.3378	0.0009	0.0000	0.0000	
2016-10-23 20:15:00	3.0942	5.0098	0.0155	0.3378	0.0010 0.0007	0.0000 0.0000	0.0000	
2016-10-23 20:30:00 2016-10-23 20:45:00	2.0626 1.2693	5.0098 5.0098	0.0103 0.0064	0.3378 0.3378	0.0007	0.0000	0.0000	
2016-10-23 20:45:00	1.3777	5.0098	0.0064	0.3378	0.0004	0.0000	0.0000	
2016-10-23 21:00:00	0.8530	5.0098	0.0069	0.3378	0.0003	0.0000	0.0000	
2016-10-23 21:13:00	0.5874	5.0098	0.0043	0.3378	0.0003	0.0000	0.0000	
2016-10-23 21:30:00	0.8132	5.0098	0.0029	0.3378	0.0002	0.0000	0.0000	
2016-10-23 22:00:00	1.5816	5.0098	0.0079	0.3378	0.0005	0.0000	0.0000	
2016-10-23 22:15:00	1.8818	5.0098	0.0094	0.3378	0.0006	0.0000	0.0000	
2016-10-23 22:30:00	0.5334	5.0098	0.0027	0.3378	0.0002	0.0000	0.0000	
2016-10-23 22:45:00	0.8817	5.0098	0.0044	0.3378	0.0003	0.0000	0.0000	
2016-10-23 23:00:00	0.0214	5.0098	0.0001	0.3378	0.0000	0.0000	0.0000	
2016-10-23 23:15:00	0.5266	5.0098	0.0026	0.3378	0.0002	0.0000	0.0000	
2016-10-23 23:30:00	0.1703	5.0098	0.0009	0.3378	0.0001	0.0000	0.0000	
2016-10-23 23:45:00	0.9610	5.0098	0.0048	0.4159	0.0004	0.0000	0.0000	
2016-10-24 00:00:00	0.1988	5.0098	0.0010	0.3358	0.0001	0.0000	0.0000	
2016-10-24 00:15:00	0.2284	5.0098	0.0011	0.3358	0.0001	0.0000	0.0000	
2016-10-24 00:30:00	0.9166	5.0098	0.0046	0.3358	0.0003	0.0000	0.0000	
2016-10-24 00:45:00	0.5817	5.0098	0.0029	0.3851	0.0002	0.0000	0.0000	
2016-10-24 01:00:00	1.7565	5.0098	0.0088	0.3433	0.0006	0.0000	0.0000	
2016-10-24 01:15:00	0.8879	5.0098	0.0044	0.4355	0.0004	0.0000	0.0000	
2016-10-24 01:30:00	2.6337	5.0098	0.0132	0.3862	0.0010	0.0000	0.0000	
2016-10-24 01:45:00	0.4649	5.0098	0.0023	0.3536	0.0002	0.0000	0.0000	
2016-10-24 02:00:00	0.5990	5.0098	0.0030	0.3536	0.0002	0.0000	0.0000	
2016-10-24 02:15:00	0.0398	5.0098	0.0002	0.3536	0.0000	0.0000	0.0000	
2016-10-24 02:30:00	0.2228	5.0098	0.0011	0.2508	0.0001	0.0000	0.0000	
2016-10-24 02:45:00	0.3013	5.0098	0.0015	0.2410	0.0001	0.0000	0.0000	
2016-10-24 03:00:00	0.3981	5.0098	0.0020	0.2410	0.0001	0.0000	0.0000	
2016-10-24 03:15:00	0.1392	5.0098	0.0007	0.2410	0.0000	0.0000	0.0000	
2016-10-24 03:30:00	0.1758	5.0098	0.0009	0.2410	0.0000	0.0000	0.0000	
2016-10-24 03:45:00	0.2679	5.0098	0.0013	0.2410	0.0001	0.0000	0.0000	
2016-10-24 04:00:00	0.9065	5.0098	0.0045	0.2410	0.0002	0.0000	0.0000	
2016-10-24 04:15:00	1.5990	5.0098	0.0080	0.2131	0.0003	0.0000	0.0000	
2016-10-24 04:30:00	3.5021	5.0098	0.0175	0.1956	0.0007	0.0000	0.0000	
2016-10-24 04:45:00	2.5242	5.0098	0.0126	0.2271	0.0006	0.0000	0.0000	
2016-10-24 05:00:00	2.2759	5.0098	0.0114	0.2410	0.0005	0.0000	0.0000	
2016-10-24 05:15:00	3.4446	5.0098	0.0173	0.1804	0.0006	0.0000	0.0000	
2016-10-24 05:30:00	3.2665	5.0098	0.0164	0.1440	0.0005	0.0000	0.0000	
2016-10-24 05:45:00	2.9909	5.0098	0.0150	0.1771	0.0005	0.0000	0.0000	
2016-10-24 06:00:00	1.8903	5.0098	0.0095	0.1035	0.0002	0.0000	0.0000	
2016-10-24 06:15:00	2.5937	5.0098	0.0130	0.2212	0.0006	0.0000	0.0000	
2016-10-24 06:30:00	3.3479	5.0098	0.0168	0.2182	0.0007	0.0000	0.0000	
2016-10-24 06:45:00	4.1428	5.0098	0.0208	0.1458	0.0006	0.0000	0.0000	
2016-10-24 07:00:00	2.5535	5.0098	0.0128	0.2629	0.0007	0.0000	0.0000	
2016-10-24 07:15:00	4.8438	5.0098	0.0243	0.2812	0.0014	0.0000	0.0000	
2016-10-24 07:30:00	4.0209	5.0098	0.0201	0.2932	0.0012	0.0000	0.0000	
2016-10-24 07:45:00	4.1692	5.0098	0.0209	0.2720	0.0011	0.0000	0.0000	
2016-10-24 08:00:00	3.5040	5.0098	0.0176	0.2884	0.0010	0.0000	0.0000	
2016-10-24 08:15:00	4.5157	5.0098	0.0226	0.2740	0.0012	0.0000	0.0000	
2016-10-24 08:30:00	2.9207	5.0098	0.0146	0.2752	0.0008	0.0000	0.0000	
2016-10-24 08:45:00	3.2679	5.0098 5.0098	0.0164 0.0146	0.3344	0.0011 0.0010	0.0000 0.0000	0.0000	
2016-10-24 09:00:00	2.9133			0.3531		0.0000		
2016-10-24 09:15:00 2016-10-24 09:30:00	2.8348 1.8907	5.0098 5.0098	0.0142 0.0095	0.2860 0.3083	0.0008 0.0006	0.0000	0.0000	
2016-10-24 09:30:00	2.5175	5.0098	0.0095	0.3083	0.0008	0.0000	0.0000	
2016-10-24 09:45:00	2.5175 3.7787	5.0098	0.0126	0.3152	0.0008	0.0000	0.0000	
2016-10-24 10:00:00	3.7/87	5.0098	0.0189	0.2187	0.0008	0.0000	0.0000	
2016-10-24 10:15:00	3.6094	5.0098	0.0173	0.1279	0.0004	0.0000	0.0000	
2016-10-24 10:30:00	4.3268	5.0098	0.0181	0.1592	0.0006	0.0000	0.0000	
2016-10-24 10:45:00	3.8031	5.0098	0.0217	0.1592	0.0007	0.0000	0.0000	
2016-10-24 11:00:00	3.1612	5.0098	0.0151	0.1049	0.0002	0.0000	0.0000	
2016-10-24 11:13:00	4.4170	5.0098	0.0138	0.0000	0.0003	0.0000	0.0000	
2016-10-24 11:30:00	4.4878	5.0098	0.0221	0.0760	0.0003	0.0000	0.0000	
2016-10-24 12:00:00	3.2898	5.0098	0.0165	0.1380	0.0005	0.0000	0.0000	
2016-10-24 12:00:00	3.3367	5.0098	0.0167	0.0320	0.0003	0.0000	0.0000	
2016-10-24 12:13:00	3.1944	5.0098	0.0160	0.1014	0.0003	0.0000	0.0000	
2016-10-24 12:45:00	2.2412	5.0098	0.0112	0.1107	0.0003	0.0000	0.0000	
2016-10-24 13:00:00	2.4286	5.0098	0.0112	0.1858	0.0002	0.0000	0.0000	
2010 10 27 15.00.00	1.7554	5.0098	0.00122	0.1838	0.0003	0.0000	0.0000	
2016-10-24 13:15:00				0.000	0.0002	0.0000	0.0000	
2016-10-24 13:15:00 2016-10-24 13:30:00				0.1154	0.0001	0.0000	0.0000	
2016-10-24 13:15:00 2016-10-24 13:30:00 2016-10-24 13:45:00	1.0571 1.8614	5.0098 5.0098	0.0053 0.0093	0.1154 0.1259	0.0001 0.0002	0.0000 0.0000	0.0000	

	Point Source Air Emissions - A2 Nitric Acid Stack							
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-24 14:15:00	2.8262	5.0098	0.0142	0.0664	0.0002	0.0000	0.0000	
2016-10-24 14:30:00	2.9615	5.0098	0.0148	0.0000	0.0000	0.0000	0.0000	
2016-10-24 14:45:00	1.9668	5.0098	0.0099	0.0098	0.0000	0.0000	0.0000	
2016-10-24 15:00:00	2.6005	5.0098	0.0130	0.0000	0.0000	0.0000	0.0000	
2016-10-24 15:15:00	2.0547	5.0098	0.0103	0.0133	0.0000	0.0000	0.0000	
2016-10-24 15:30:00	1.2272	5.0098	0.0061	0.0000	0.0000	0.0000	0.0000	
2016-10-24 15:45:00	0.6584	5.0098	0.0033	0.0079	0.0000	0.0000	0.0000	
2016-10-24 16:00:00	1.5850	5.0098	0.0079	0.0076	0.0000	0.0000	0.0000	
2016-10-24 16:15:00	0.4400	5.0098	0.0022	0.0248	0.0000	0.0000	0.0000	
2016-10-24 16:30:00	0.6670	5.0098	0.0033	0.0069	0.0000	0.0000	0.0000	
2016-10-24 16:45:00	0.4316	5.0098	0.0022	0.0069	0.0000	0.0000	0.0000	
2016-10-24 17:00:00	0.8491	5.0098	0.0043	0.0069	0.0000	0.0000	0.0000	
2016-10-24 17:15:00	0.8810	5.0098	0.0044	0.0069	0.0000	0.0000	0.0000	
2016-10-24 17:30:00	0.3858	5.0098	0.0019	0.0445	0.0000	0.0000	0.0000	
2016-10-24 17:45:00	0.3988	5.0098	0.0020	0.2278	0.0001	0.0000	0.0000	
2016-10-24 18:00:00	0.1570	5.0098	0.0008	0.3316	0.0001	0.0000	0.0000	
2016-10-24 18:15:00	0.3268	5.0098	0.0016	0.3316	0.0001	0.0000	0.0000	
2016-10-24 18:30:00	0.3864	5.0098	0.0019	0.3708	0.0001	0.0000	0.0000	
2016-10-24 18:45:00	0.0401	5.0098	0.0002	0.3660	0.0000	0.0000	0.0000	
2016-10-24 19:00:00	0.0398	5.0098	0.0002	0.3389	0.0000	0.0000	0.0000	
2016-10-24 19:15:00	1.0881	5.0098	0.0055	0.2520	0.0003	0.0000	0.0000	
2016-10-24 19:30:00	3.8225	5.0098	0.0191 0.0251	0.2358 0.0857	0.0009 0.0004	0.0000 0.0000	0.0000	
2016-10-24 19:45:00	5.0060 4.2007	5.0098 5.0098	0.0251	0.0857	0.0004	0.0000	0.0000	
2016-10-24 20:00:00 2016-10-24 20:15:00	4.2007 4.5402	5.0098	0.0210	0.1317	0.0006	0.0000	0.0000	
2016-10-24 20:15:00	4.3402 5.3042	5.0098	0.0227	0.1246	0.0006	0.0000	0.0000	
2016-10-24 20:30:00	4.1694	5.0098	0.0266	0.2133	0.0011	0.0000	0.0000	
2016-10-24 20:45:00	5.2231	5.0098	0.0269	0.1364	0.0008	0.0000	0.0000	
2016-10-24 21:00:00	3.1692	5.0098	0.0262	0.0453	0.0002	0.0000	0.0000	
2016-10-24 21:13:00	3.2640	5.0098	0.0139	0.1733	0.0005	0.0000	0.0000	
2016-10-24 21:35:00	3.2779	5.0098	0.0164	0.1750	0.0003	0.0000	0.0000	
2016-10-24 22:00:00	5.6373	5.0098	0.0282	0.1330	0.0007	0.0000	0.0000	
2016-10-24 22:15:00	4.6900	5.0098	0.0235	0.1408	0.0007	0.0000	0.0000	
2016-10-24 22:30:00	2.3709	5.0098	0.0119	0.2257	0.0005	0.0000	0.0000	
2016-10-24 22:45:00	3.1418	5.0098	0.0113	0.2025	0.0006	0.0000	0.0000	
2016-10-24 23:00:00	4.5967	5.0098	0.0230	0.2000	0.0009	0.0000	0.0000	
2016-10-24 23:15:00	1.8951	5.0098	0.0095	0.2717	0.0005	0.0000	0.0000	
2016-10-24 23:30:00	3.9818	5.0098	0.0199	0.1625	0.0006	0.0000	0.0000	
2016-10-24 23:45:00	1.8385	5.0098	0.0092	0.2640	0.0005	0.0000	0.0000	
2016-10-25 00:00:00	2.4522	5.0098	0.0123	0.2032	0.0005	0.0000	0.0000	
2016-10-25 00:15:00	3.8946	5.0098	0.0195	0.1536	0.0006	0.0000	0.0000	
2016-10-25 00:30:00	2.7223	5.0098	0.0136	0.1455	0.0004	0.0000	0.0000	
2016-10-25 00:45:00	1.4774	5.0098	0.0074	0.2576	0.0004	0.0000	0.0000	
2016-10-25 01:00:00	1.6185	5.0098	0.0081	0.2973	0.0005	0.0000	0.0000	
2016-10-25 01:15:00	2.5994	5.0098	0.0130	0.1473	0.0004	0.0000	0.0000	
2016-10-25 01:30:00	3.2232	5.0098	0.0161	0.2116	0.0007	0.0000	0.0000	
2016-10-25 01:45:00	2.5382	5.0098	0.0127	0.1394	0.0004	0.0000	0.0000	
2016-10-25 02:00:00	2.9269	5.0098	0.0147	0.1970	0.0006	0.0000	0.0000	
2016-10-25 02:15:00	3.1534	5.0098	0.0158	0.2160	0.0007	0.0000	0.0000	
2016-10-25 02:30:00	4.4905	5.0098	0.0225	0.3352	0.0015	0.0000	0.0000	
2016-10-25 02:45:00	4.4539	5.0098	0.0223	0.1407	0.0006	0.0000	0.0000	
2016-10-25 03:00:00	6.3369	5.0098	0.0317	0.1726	0.0011	0.0000	0.0000	
2016-10-25 03:15:00	4.3130	5.0098	0.0216	0.1961	0.0008	0.0000	0.0000	
2016-10-25 03:30:00	5.2269	5.0098	0.0262	0.0466	0.0002	0.0000	0.0000	
2016-10-25 03:45:00	4.4698	5.0098	0.0224	0.0899	0.0004	0.0000	0.0000	
2016-10-25 04:00:00	3.6388	5.0098	0.0182	0.1230	0.0004	0.0000	0.0000	
2016-10-25 04:15:00	4.7067	5.0098	0.0236	0.1822	0.0009	0.0000	0.0000	
2016-10-25 04:30:00	5.0340	5.0098	0.0252	0.7446	0.0037	0.0000	0.0000	
2016-10-25 04:45:00	5.6364	5.0098	0.0282	2.3563	0.0133	0.0000	0.0000	
2016-10-25 05:00:00	5.5919	5.0098	0.0280	0.0479	0.0003	0.0000	0.0000	
2016-10-25 05:15:00	4.2667	5.0098	0.0214	0.0420	0.0002	0.0000	0.0000	
2016-10-25 05:30:00	1.0096	5.0098	0.0051	0.0587	0.0001	0.0000	0.0000	
2016-10-25 05:45:00	0.7350	5.0098	0.0037	0.0816	0.0001	0.0000	0.0000	
2016-10-25 06:00:00	1.7457	5.0098	0.0087	0.0521	0.0001	0.0000	0.0000	
2016-10-25 06:15:00	1.9863	5.0098	0.0100	0.0352	0.0001	0.0000	0.0000	
2016-10-25 06:30:00	1.4345	5.0098	0.0072	0.0365	0.0001	0.0000	0.0000	
2016-10-25 06:45:00	1.0748	5.0098	0.0054	0.0713	0.0001	0.0000	0.0000	
2016-10-25 07:00:00	1.3902	5.0098	0.0070	0.0960	0.0001	0.0000	0.0000	
2016-10-25 07:15:00	2.3630	5.0098	0.0118	0.1106	0.0003	0.0000	0.0000	
2016-10-25 07:30:00	2.2256	5.0098	0.0111	0.1511	0.0003	0.0000	0.0000	
2016-10-25 07:45:00	0.4071	5.0098	0.0020	0.1511	0.0001	0.0000	0.0000	
2016-10-25 08:00:00	1.8546	5.0098	0.0093	0.1752	0.0003	0.0000	0.0000	
2010-10-23 08.00.00								
2016-10-25 08:15:00	2.8494	5.0098	0.0143	0.2274	0.0006	0.0000	0.0000	
	2.8494 2.7466	5.0098 5.0098	0.0143 0.0138	0.2274 0.2199	0.0006 0.0006	0.0000 0.0000	0.0000 0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-25 09:00:00	3.6785	5.0098	0.0184	0.1496	0.0006	0.0000	0.0000
2016-10-25 09:15:00	4.7439	5.0098	0.0238	0.1655	0.0008	0.0000	0.0000
2016-10-25 09:30:00	3.4407	5.0098	0.0172	0.2276	0.0008	0.0000	0.0000
2016-10-25 09:45:00	2.2535	5.0098	0.0113	0.2959	0.0007	0.0000	0.0000
2016-10-25 10:00:00	0.8565	5.0098	0.0043	0.2959	0.0003	0.0000	0.0000
2016-10-25 10:15:00	0.8343	5.0098	0.0042	0.2382	0.0002	0.0000	0.0000
2016-10-25 10:30:00	0.5318	5.0098	0.0027	0.2528	0.0001	0.0000	0.0000
2016-10-25 10:45:00	0.1485	5.0098	0.0007	0.3336	0.0000	0.0000	0.0000
2016-10-25 11:00:00	1.2588	5.0098	0.0063	0.3350	0.0004	0.0000	0.0000
2016-10-25 11:15:00	1.7007	5.0098	0.0085	0.2235	0.0004	0.0000	0.0000
2016-10-25 11:30:00	0.6775	5.0098	0.0034	0.2932	0.0002	0.0000	0.0000
2016-10-25 11:45:00	1.5762	5.0098	0.0079	0.2547	0.0004	0.0000	0.0000
2016-10-25 12:00:00	1.6491	5.0098	0.0083	0.1847	0.0003	0.0000	0.0000
2016-10-25 12:15:00	3.6413	5.0098	0.0182	0.1095 0.1380	0.0004 0.0005	0.0000 0.0000	0.0000
2016-10-25 12:30:00	3.3412	5.0098	0.0167				0.0000
2016-10-25 12:45:00	3.3806	5.0098	0.0169 0.0076	0.1116 0.1932	0.0004	0.0000 0.0000	0.0000
2016-10-25 13:00:00	1.5249	5.0098			0.0003		0.0000
2016-10-25 13:15:00 2016-10-25 13:30:00	1.4879	5.0098 5.0098	0.0075 0.0094	0.1651 0.2605	0.0002 0.0005	0.0000 0.0000	0.0000
	1.8711						
2016-10-25 13:45:00 2016-10-25 14:00:00	1.3821 2.4730	5.0098 5.0098	0.0069 0.0124	0.1498 0.0721	0.0002 0.0002	0.0000 0.0000	0.0000
2016-10-25 14:00:00 2016-10-25 14:15:00	2.4730 1.6917	5.0098	0.0124	0.0721	0.0002	0.0000	0.0000
2016-10-25 14:15:00 2016-10-25 14:30:00	1.8610	5.0098	0.0085	0.0528	0.0001	0.0000	0.0000
2016-10-25 14:30:00	1.1537	5.0098	0.0093	0.0945	0.0002	0.0000	0.0000
2016-10-25 14:45:00 2016-10-25 15:00:00	1.1537	5.0098	0.0058	0.1516	0.0002	0.0000	0.0000
2016-10-25 15:00:00	1.0299	5.0098	0.0089	0.0998	0.0002	0.0000	0.0000
2016-10-25 15:13:00	0.0882	5.0098	0.0004	0.1516	0.0000	0.0000	0.0000
2016-10-25 15:36:00	0.6181	5.0098	0.0031	0.0403	0.0000	0.0000	0.0000
2016-10-25 16:00:00	0.2289	5.0098	0.0031	0.1659	0.0000	0.0000	0.0000
2016-10-25 16:15:00	0.8877	5.0098	0.0044	0.0824	0.0001	0.0000	0.0000
2016-10-25 16:30:00	1.1051	5.0098	0.0055	0.2597	0.0003	0.0000	0.0000
2016-10-25 16:45:00	0.3061	5.0098	0.0015	0.3421	0.0001	0.0000	0.0000
2016-10-25 17:00:00	0.6891	5.0098	0.0035	0.3667	0.0003	0.0000	0.0000
2016-10-25 17:15:00	1.3284	5.0098	0.0067	0.2737	0.0004	0.0000	0.0000
2016-10-25 17:30:00	0.7815	5.0098	0.0039	0.2850	0.0002	0.0000	0.0000
2016-10-25 17:45:00	1.2641	5.0098	0.0063	0.2850	0.0004	0.0000	0.0000
2016-10-25 18:00:00	0.2392	5.0098	0.0012	0.2850	0.0001	0.0000	0.0000
2016-10-25 18:15:00	0.0196	5.0098	0.0001	0.2850	0.0000	0.0000	0.0000
2016-10-25 18:30:00	0.5220	5.0098	0.0026	0.2850	0.0001	0.0000	0.0000
2016-10-25 18:45:00	0.0578	5.0098	0.0003	0.2850	0.0000	0.0000	0.0000
2016-10-25 19:00:00	0.1599	5.0098	0.0008	0.2850	0.0000	0.0000	0.0000
2016-10-25 19:15:00	0.0807	5.0098	0.0004	0.2850	0.0000	0.0000	0.0000
2016-10-25 19:30:00	0.2255	5.0098	0.0011	0.2850	0.0001	0.0000	0.0000
2016-10-25 19:45:00	0.1287	5.0098	0.0006	0.2850	0.0000	0.0000	0.0000
2016-10-25 20:00:00	0.2231	5.0098	0.0011	0.2850	0.0001	0.0000	0.0000
2016-10-25 20:15:00	1.6287	5.0098	0.0082	0.2631	0.0004	0.0000	0.0000
2016-10-25 20:30:00	1.6751	5.0098	0.0084	0.2509	0.0004	0.0000	0.0000
2016-10-25 20:45:00	1.5710	5.0098	0.0079	0.2693	0.0004	0.0000	0.0000
2016-10-25 21:00:00	1.1177	5.0098	0.0056	0.2263	0.0003	0.0000	0.0000
2016-10-25 21:15:00	1.9109	5.0098	0.0096	0.2670	0.0005	0.0000	0.0000
2016-10-25 21:30:00	0.4425	5.0098	0.0022	0.2769	0.0001	0.0000	0.0000
2016-10-25 21:45:00	1.3117	5.0098	0.0066	0.2831	0.0004	0.0000	0.0000
2016-10-25 22:00:00	1.0355	5.0098	0.0052	0.2563	0.0003	0.0000	0.0000
2016-10-25 22:15:00	0.6006	5.0098	0.0030	0.2692	0.0002	0.0000	0.0000
2016-10-25 22:30:00	0.7309	5.0098	0.0037	0.2692	0.0002	0.0000	0.0000
2016-10-25 22:45:00	1.4613	5.0098	0.0073	0.2366	0.0003	0.0000	0.0000
2016-10-25 23:00:00	0.7163	5.0098	0.0036	0.2755	0.0002	0.0000	0.0000
2016-10-25 23:15:00	0.8605	5.0098	0.0043	0.2249	0.0002	0.0000	0.0000
2016-10-25 23:30:00	0.6234	5.0098	0.0031	0.2857	0.0002	0.0000	0.0000
2016-10-25 23:45:00	1.1604	5.0098	0.0058	0.2980	0.0003	0.0000	0.0000
2016-10-26 00:00:00	1.1558	5.0098	0.0058	0.2140	0.0002	0.0000	0.0000
2016-10-26 00:15:00	0.3671	5.0098	0.0018	0.3057	0.0001	0.0000	0.0000
2016-10-26 00:30:00	1.3774	5.0098	0.0069	0.3023	0.0004	0.0000	0.0000
2016-10-26 00:45:00	1.6724	5.0098	0.0084	0.1912	0.0003	0.0000	0.0000
2016-10-26 01:00:00	1.4355	5.0098	0.0072	0.2005	0.0003	0.0000	0.0000
2016-10-26 01:15:00	1.7112	5.0098	0.0086	0.2029	0.0003	0.0000	0.0000
2016-10-26 01:30:00	1.4309	5.0098	0.0072	0.2150	0.0003	0.0000	0.0000
2016-10-26 01:45:00	1.3662	5.0098	0.0068	0.1461	0.0002	0.0000	0.0000
2016-10-26 02:00:00	1.4947	5.0098	0.0075	0.1904	0.0003	0.0000	0.0000
	1.4363	5.0098	0.0072	0.2348	0.0003	0.0000	0.0000
2016-10-26 02:15:00	1.4505				0.0004		
2016-10-26 02:15:00 2016-10-26 02:30:00	1.5287	5.0098	0.0077	0.2797	0.0004	0.0000	0.0000
		5.0098	0.0157	0.2395	0.0008	0.0000	0.0000
2016-10-26 02:30:00 2016-10-26 02:45:00 2016-10-26 03:00:00	1.5287 3.1386 1.8173	5.0098 5.0098	0.0157 0.0091	0.2395 0.2991	0.0008 0.0005	0.0000 0.0000	0.0000 0.0000
2016-10-26 02:30:00 2016-10-26 02:45:00	1.5287 3.1386	5.0098	0.0157	0.2395	0.0008	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack					
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2016-10-26 03:45:00	0.5228	5.0098	0.0026	0.3385	0.0002	0.0000	0.0000		
2016-10-26 04:00:00	0.3778	5.0098	0.0019	0.3385	0.0001	0.0000	0.0000		
2016-10-26 04:15:00	0.4634	5.0098	0.0023	0.3341	0.0002	0.0000	0.0000		
2016-10-26 04:30:00	0.5554	5.0098	0.0028	0.2565	0.0001	0.0000	0.0000		
2016-10-26 04:45:00	0.2097	5.0098	0.0011	0.2280	0.0000	0.0000	0.0000		
2016-10-26 05:00:00	0.0000	5.0098	0.0000	0.2442	0.0000	0.0000	0.0000		
2016-10-26 05:15:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 05:30:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 05:45:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 06:00:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 06:15:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 06:30:00	0.0363	5.0098	0.0002	0.3413	0.0000	0.0000	0.0000		
2016-10-26 06:45:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 07:00:00 2016-10-26 07:15:00	0.0180 0.0000	5.0098 5.0098	0.0001 0.0000	0.3413 0.3413	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000		
2016-10-26 07:15:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 07:30:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 08:00:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 08:05:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 08:30:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 08:45:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 09:00:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 09:05:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 09:30:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 09:45:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 10:00:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 10:15:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 10:30:00	0.0000	5.0098	0.0000	0.3413	0.0000	0.0000	0.0000		
2016-10-26 10:45:00	0.1601	5.0098	0.0008	0.3413	0.0001	0.0000	0.0000		
2016-10-26 11:00:00	0.0436	5.0098	0.0002	0.3413	0.0000	0.0000	0.0000		
2016-10-26 11:15:00	0.4970	5.0098	0.0025	0.3413	0.0002	0.0000	0.0000		
2016-10-26 11:30:00	1.1018	5.0098	0.0055	0.3413	0.0004	0.0000	0.0000		
2016-10-26 11:45:00	1.3554	5.0098	0.0068	0.3413	0.0005	0.0000	0.0000		
2016-10-26 12:00:00	1.0302	5.0098	0.0052	0.2844	0.0003	0.0000	0.0000		
2016-10-26 12:15:00	1.5510	5.0098	0.0078	0.3200	0.0005	0.0000	0.0000		
2016-10-26 12:30:00	1.6825	5.0098	0.0084	0.2937	0.0005	0.0000	0.0000		
2016-10-26 12:45:00	1.0810	5.0098	0.0054	0.2748	0.0003	0.0000	0.0000		
2016-10-26 13:00:00	1.3953	5.0098	0.0070	0.2042	0.0003	0.0000	0.0000		
2016-10-26 13:15:00	2.1202	5.0098	0.0106	0.1913	0.0004	0.0000	0.0000		
2016-10-26 13:30:00	2.1263	5.0098	0.0107	0.2179	0.0005	0.0000	0.0000		
2016-10-26 13:45:00	1.9532	5.0098	0.0098	0.0828	0.0002	0.0000	0.0000		
2016-10-26 14:00:00	1.3432	5.0098	0.0067	0.0356	0.0000	0.0000	0.0000		
2016-10-26 14:15:00	1.6287	5.0098	0.0082	0.0038	0.0000	0.0000	0.0000		
2016-10-26 14:30:00	2.1457	5.0098	0.0107	0.0000	0.0000	0.0000	0.0000		
2016-10-26 14:45:00	1.0019	5.0098	0.0050	0.0000	0.0000	0.0000	0.0000		
2016-10-26 15:00:00	2.4884	5.0098	0.0125	0.0000	0.0000	0.0000	0.0000		
2016-10-26 15:15:00	2.5028	5.0098	0.0125	0.0000	0.0000	0.0000	0.0000		
2016-10-26 15:30:00	2.9147	5.0098	0.0146	0.0561	0.0002	0.0000	0.0000		
2016-10-26 15:45:00	2.4348	5.0098	0.0122	0.0364	0.0001	0.0000	0.0000		
2016-10-26 16:00:00	3.0079	5.0098	0.0151	0.0364	0.0001	0.0000	0.0000		
2016-10-26 16:15:00	3.6186	5.0098	0.0181	0.2312	0.0008	0.0000	0.0000		
2016-10-26 16:30:00	5.7092	5.0098	0.0286	0.0220	0.0001	0.0000	0.0000		
2016-10-26 16:45:00	3.0494	5.0098	0.0153	0.0722	0.0002	0.0000	0.0000		
2016-10-26 17:00:00	3.8309	5.0098	0.0192	0.0196	0.0001	0.0000	0.0000		
2016-10-26 17:15:00	4.5147	5.0098	0.0226	0.1509	0.0007	0.0000	0.0000		
2016-10-26 17:30:00	2.0118	5.0098	0.0101	0.2313	0.0005	0.0000	0.0000		
2016-10-26 17:45:00	4.3491	5.0098	0.0218	0.0032	0.0000	0.0000	0.0000		
2016-10-26 18:00:00	4.9070	5.0098	0.0246	0.0376	0.0002	0.0000	0.0000		
2016-10-26 18:15:00	3.5597	5.0098	0.0178	0.1488	0.0005	0.0000	0.0000		
2016-10-26 18:30:00	3.1774	5.0098	0.0159	0.1915	0.0006	0.0000	0.0000		
2016-10-26 18:45:00	1.3879	5.0098	0.0070	0.2829	0.0004	0.0000	0.0000		
2016-10-26 19:00:00	2.6934	5.0098	0.0135	0.3124	0.0008	0.0000	0.0000		
2016-10-26 19:15:00	3.2068	5.0098	0.0161	0.2958	0.0009	0.0000	0.0000		
2016-10-26 19:30:00	2.9598	5.0098	0.0148	0.2644	0.0008	0.0000	0.0000		
2016-10-26 19:45:00		5.0098	0.0144	0.2553	0.0007	0.0000	0.0000		
	2.8733			0.2162	0.0005	0.0000	0.0000		
2016-10-26 20:00:00	2.4126	5.0098	0.0121						
2016-10-26 20:00:00 2016-10-26 20:15:00	2.4126 3.4217	5.0098 5.0098	0.0171	0.2259	0.0008	0.0000	0.0000		
2016-10-26 20:00:00 2016-10-26 20:15:00 2016-10-26 20:30:00	2.4126 3.4217 2.8779	5.0098 5.0098 5.0098	0.0171 0.0144	0.2259 0.3418	0.0008 0.0010	0.0000 0.0000	0.0000 0.0000		
2016-10-26 20:00:00 2016-10-26 20:15:00 2016-10-26 20:30:00 2016-10-26 20:45:00	2.4126 3.4217 2.8779 2.6669	5.0098 5.0098 5.0098 5.0098	0.0171 0.0144 0.0134	0.2259 0.3418 0.2389	0.0008 0.0010 0.0006	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000		
2016-10-26 20:00:00 2016-10-26 20:15:00 2016-10-26 20:30:00 2016-10-26 20:45:00 2016-10-26 21:00:00	2.4126 3.4217 2.8779 2.6669 3.5179	5.0098 5.0098 5.0098 5.0098 5.0098	0.0171 0.0144 0.0134 0.0176	0.2259 0.3418 0.2389 0.2578	0.0008 0.0010 0.0006 0.0009	0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000		
2016-10-26 20:00:00 2016-10-26 20:15:00 2016-10-26 20:30:00 2016-10-26 20:45:00 2016-10-26 21:00:00 2016-10-26 21:15:00	2.4126 3.4217 2.8779 2.6669 3.5179 3.0101	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0171 0.0144 0.0134 0.0176 0.0151	0.2259 0.3418 0.2389 0.2578 0.3276	0.0008 0.0010 0.0006 0.0009 0.0010	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000		
2016-10-26 20:00:00 2016-10-26 20:15:00 2016-10-26 20:30:00 2016-10-26 20:45:00 2016-10-26 21:00:00 2016-10-26 21:15:00 2016-10-26 21:30:00	2.4126 3.4217 2.8779 2.6669 3.5179 3.0101 2.4405	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0171 0.0144 0.0134 0.0176 0.0151	0.2259 0.3418 0.2389 0.2578 0.3276 0.4345	0.0008 0.0010 0.0006 0.0009 0.0010	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000		
2016-10-26 20:00:00 2016-10-26 20:15:00 2016-10-26 20:30:00 2016-10-26 20:45:00 2016-10-26 21:00:00 2016-10-26 21:15:00 2016-10-26 21:30:00 2016-10-26 21:45:00	2.4126 3.4217 2.8779 2.6669 3.5179 3.0101 2.4405 1.3595	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0171 0.0144 0.0134 0.0176 0.0151 0.0122 0.0068	0.2259 0.3418 0.2389 0.2578 0.3276 0.4345 0.4504	0.0008 0.0010 0.0006 0.0009 0.0010 0.0011	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000		
2016-10-26 20:00:00 2016-10-26 20:15:00 2016-10-26 20:30:00 2016-10-26 20:45:00 2016-10-26 21:00:00 2016-10-26 21:15:00 2016-10-26 21:30:00	2.4126 3.4217 2.8779 2.6669 3.5179 3.0101 2.4405	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0171 0.0144 0.0134 0.0176 0.0151	0.2259 0.3418 0.2389 0.2578 0.3276 0.4345	0.0008 0.0010 0.0006 0.0009 0.0010	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000		

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-26 22:30:00	0.0000	5.0098	0.0000	0.4504	0.0000	0.0000	0.0000
2016-10-26 22:45:00	0.0000	5.0098	0.0000	0.4504	0.0000	0.0000	0.0000
2016-10-26 23:00:00	0.0432	5.0098	0.0002	0.4504	0.0000	0.0000	0.0000
2016-10-26 23:15:00	0.0237	5.0098	0.0001	0.4504	0.0000	0.0000	0.0000
2016-10-26 23:30:00	0.0000	5.0098	0.0000	0.4504	0.0000	0.0000	0.0000
2016-10-26 23:45:00	0.0737	5.0098	0.0004	0.3515	0.0000	0.0000	0.0000
2016-10-27 00:00:00	0.0927	5.0098	0.0005	0.3303	0.0000	0.0000	0.0000
2016-10-27 00:15:00	0.2191	5.0098	0.0011	0.3303	0.0001	0.0000	0.0000
2016-10-27 00:30:00	0.6472	5.0098	0.0032	0.3303	0.0002	0.0000	0.0000
2016-10-27 00:45:00	1.1758	5.0098	0.0059	0.3303	0.0004	0.0000	0.0000
2016-10-27 01:00:00	0.0612	5.0098	0.0003	0.3303	0.0000	0.0000	0.0000
2016-10-27 01:15:00	0.0190	5.0098	0.0001	0.3303	0.0000	0.0000	0.0000
2016-10-27 01:30:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 01:45:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 02:00:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 02:15:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 02:30:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 02:45:00 2016-10-27 03:00:00	0.0000	5.0098	0.0000 0.0000	0.3303	0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-27 03:00:00	0.0000	5.0098		0.3303 0.3303	0.0000 0.0000	0.0000	0.0000
	0.0000	5.0098 5.0098	0.0000 0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 03:30:00 2016-10-27 03:45:00	0.0000 0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 03:45:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 04:00:00	0.0000	5.0098	0.0002	0.3246	0.0000	0.0000	0.0000
2016-10-27 04:13:00	0.0000	5.0098	0.0000	0.3246	0.0000	0.0000	0.0000
2016-10-27 04:45:00	0.0000	5.0098	0.0000	0.2170	0.0000	0.0000	0.0000
2016-10-27 05:00:00	0.0000	5.0098	0.0000	0.2170	0.0000	0.0000	0.0000
2016-10-27 05:15:00	0.0000	5.0098	0.0000	0.3272	0.0000	0.0000	0.0000
2016-10-27 05:30:00	0.0000	5.0098	0.0000	0.3316	0.0000	0.0000	0.0000
2016-10-27 05:45:00	0.0000	5.0098	0.0000	0.3316	0.0000	0.0000	0.0000
2016-10-27 06:00:00	0.0000	5.0098	0.0000	0.3316	0.0000	0.0000	0.0000
2016-10-27 06:15:00	0.0000	5.0098	0.0000	0.3316	0.0000	0.0000	0.0000
2016-10-27 06:30:00	0.0000	5.0098	0.0000	0.3316	0.0000	0.0000	0.0000
2016-10-27 06:45:00	0.0000	5.0098	0.0000	0.3316	0.0000	0.0000	0.0000
2016-10-27 07:00:00	0.0000	5.0098	0.0000	0.2981	0.0000	0.0000	0.0000
2016-10-27 07:15:00	0.0000	5.0098	0.0000	0.2177	0.0000	0.0000	0.0000
2016-10-27 07:30:00	0.0000	5.0098	0.0000	0.2177	0.0000	0.0000	0.0000
2016-10-27 07:45:00	0.0000	5.0098	0.0000	0.2177	0.0000	0.0000	0.0000
2016-10-27 08:00:00	0.0000	5.0098	0.0000	0.2177	0.0000	0.0000	0.0000
2016-10-27 08:15:00	0.0000	5.0098	0.0000	0.2427	0.0000	0.0000	0.0000
2016-10-27 08:30:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 08:45:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 09:00:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 09:15:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 09:30:00	0.1377	5.0098	0.0007	0.3303	0.0000	0.0000	0.0000
2016-10-27 09:45:00	0.2202	5.0098	0.0011	0.3303	0.0001	0.0000	0.0000
2016-10-27 10:00:00	0.0381	5.0098	0.0002	0.3303	0.0000	0.0000	0.0000
2016-10-27 10:15:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 10:30:00	0.0000	5.0098	0.0000	0.3303	0.0000	0.0000	0.0000
2016-10-27 10:45:00	0.0433	5.0098	0.0002	0.3303	0.0000	0.0000	0.0000
2016-10-27 11:00:00	0.2197	5.0098	0.0011	0.3303	0.0001	0.0000	0.0000
2016-10-27 11:15:00	0.2759	5.0098	0.0014	0.3303	0.0001	0.0000	0.0000
2016-10-27 11:30:00	0.0750	5.0098	0.0004	0.3303	0.0000	0.0000	0.0000
2016-10-27 11:45:00	0.1263	5.0098	0.0006	0.3303	0.0000	0.0000	0.0000
2016-10-27 12:00:00	0.4671	5.0098	0.0023	0.3303	0.0002	0.0000	0.0000
2016-10-27 12:15:00	0.3826	5.0098	0.0019	0.3303	0.0001	0.0000	0.0000
2016-10-27 12:30:00	1.1858	5.0098	0.0059	0.3303	0.0004	0.0000	0.0000
2016-10-27 12:45:00	2.5175	5.0098	0.0126	0.2926	0.0007	0.0000	0.0000
2016-10-27 13:00:00	2.8907	5.0098	0.0145	0.3302	0.0010	0.0000	0.0000
2016-10-27 13:15:00	2.9508	5.0098	0.0148	0.3164	0.0009	0.0000	0.0000
2016-10-27 13:30:00	2.0603	5.0098	0.0103	0.1885	0.0004	0.0000	0.0000
2016-10-27 13:45:00	2.6419	5.0098	0.0132	0.1499	0.0004	0.0000	0.0000
2016-10-27 14:00:00	3.4558	5.0098	0.0173	0.1099	0.0004	0.0000	0.0000
2016-10-27 14:15:00	2.4706	5.0098	0.0124	0.0426	0.0001	0.0000	0.0000
2016-10-27 14:30:00	2.3848	5.0098	0.0119	0.0000	0.0000	0.0000	0.0000
2016-10-27 14:45:00	1.5040	5.0098	0.0075	0.0000	0.0000	0.0000	0.0000
2016-10-27 15:00:00	0.7640	5.0098	0.0038	0.0296	0.0000	0.0000	0.0000
2016-10-27 15:15:00	0.7383	5.0098	0.0037	0.0828	0.0001	0.0000	0.0000
2016-10-27 15:30:00	0.6657	5.0098	0.0033	0.0790	0.0001	0.0000	0.0000
2016-10-27 15:45:00	2.5299	5.0098	0.0127	0.1099	0.0003	0.0000	0.0000
2016-10-27 16:00:00	1.7385	5.0098	0.0087	0.1099	0.0002	0.0000	0.0000
2016-10-27 16:15:00	2.2194	5.0098	0.0111	0.1099	0.0002	0.0000	0.0000
2016-10-27 16:30:00	2.1974	5.0098	0.0110	0.1141	0.0003	0.0000	0.0000
	1.5047	5.0098	0.0075	0.1287	0.0002	0.0000	0.0000
2016-10-27 16:45:00 2016-10-27 17:00:00	1.0085	5.0098	0.0051	0.0473	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-27 17:15:00	2.1628	5.0098	0.0108	0.1324	0.0003	0.0000	0.0000
2016-10-27 17:30:00	2.1280	5.0098	0.0107	0.0597	0.0001	0.0000	0.0000
2016-10-27 17:45:00	2.0281	5.0098	0.0102	0.0597	0.0001	0.0000	0.0000
2016-10-27 18:00:00	2.0595	5.0098	0.0103	0.0802	0.0002	0.0000	0.0000
2016-10-27 18:15:00	1.9274	5.0098	0.0097	0.1829	0.0004	0.0000	0.0000
2016-10-27 18:30:00	1.5170	5.0098	0.0076	0.4747	0.0007	0.0000	0.0000
2016-10-27 18:45:00	1.0718	5.0098	0.0054	0.3350	0.0004	0.0000	0.0000
2016-10-27 19:00:00	0.9472	5.0098	0.0047	0.3218	0.0003	0.0000	0.0000
2016-10-27 19:15:00	1.8948	5.0098	0.0095	0.3585	0.0007	0.0000	0.0000
2016-10-27 19:30:00	1.1687	5.0098	0.0059	0.3334	0.0004	0.0000	0.0000
2016-10-27 19:45:00	0.3336	5.0098	0.0017	0.3874	0.0001	0.0000	0.0000
2016-10-27 20:00:00	1.5408	22.6898	0.0350	0.3797	0.0006	0.0000	0.0000
2016-10-27 20:15:00	1.4210	72.1406	0.1025	0.3740	0.0005	0.0000	0.0000
2016-10-27 20:30:00	1.7089	59.5394	0.1017	0.3483	0.0006	0.0000	0.0000
2016-10-27 20:45:00	3.5020	39.0762	0.1368	0.2956	0.0010	0.0000	0.0000
2016-10-27 21:00:00	2.8535	39.0762	0.1115	0.3535	0.0010	0.0000	0.0000
2016-10-27 21:15:00	1.8810	39.0762	0.0735	0.3766	0.0007	0.0000	0.0000
2016-10-27 21:30:00 2016-10-27 21:45:00	0.4100	39.0762 39.0762	0.0160 0.0039	0.3690	0.0002	0.0000 0.0000	0.0000 0.0000
2016-10-27 21:45:00	0.0988			0.4738	0.0000		
2016-10-27 22:00:00 2016-10-27 22:15:00	0.0000 0.0000	39.0762 39.0762	0.0000 0.0000	0.4738 0.4738	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
				0.4738		0.0000	0.0000
2016-10-27 22:30:00 2016-10-27 22:45:00	0.0000 0.0000	39.0762 39.0762	0.0000 0.0000	0.4738	0.0000 0.0000	0.0000	0.0000
2016-10-27 22:45:00 2016-10-27 23:00:00	0.0000	39.0762 39.0762	0.0000	0.4738	0.0000	0.0000	0.0000
2016-10-27 23:15:00		39.0762	0.0000	0.4738	0.0000	0.0000	0.0000
2016-10-27 23:15:00	0.0000 0.0000	39.0762	0.0000	0.4738	0.0000	0.0000	0.0000
	0.0000	39.0762	0.0000	0.4738	0.0000	0.0000	0.0000
2016-10-27 23:45:00 2016-10-28 00:00:00	0.0000	39.0762	0.0008	0.3550	0.0000	0.0000	0.0000
2016-10-28 00:00:00	0.0000	39.0762	0.0008	0.3330	0.0000	0.0000	0.0000
2016-10-28 00:15:00	0.0000	39.0762	0.0000	0.4028	0.0000	0.0000	0.0000
2016-10-28 00:45:00	0.0000	39.0762	0.0000	0.4676	0.0000	0.0000	0.0000
2016-10-28 01:00:00	0.0000	39.0762	0.0000	0.4676	0.0000	0.0000	0.0000
2016-10-28 01:00:00	0.0187	39.0762	0.0007	0.4676	0.0000	0.0000	0.0000
2016-10-28 01:30:00	0.0000	39.0762	0.0007	0.4676	0.0000	0.0000	0.0000
2016-10-28 01:45:00	0.0000	39.0762	0.0000	0.4676	0.0000	0.0000	0.0000
2016-10-28 02:00:00	0.0195	39.0762	0.0008	0.4676	0.0000	0.0000	0.0000
2016-10-28 02:15:00	0.0188	39.0762	0.0007	0.4676	0.0000	0.0000	0.0000
2016-10-28 02:30:00	0.0000	39.0762	0.0000	0.4676	0.0000	0.0000	0.0000
2016-10-28 02:45:00	0.0000	39.0762	0.0000	0.4676	0.0000	0.0000	0.0000
2016-10-28 03:00:00	0.0000	39.0762	0.0000	0.4676	0.0000	0.0000	0.0000
2016-10-28 03:15:00	0.0000	39.0762	0.0000	0.4676	0.0000	0.0000	0.0000
2016-10-28 03:30:00	0.0000	39.0762	0.0000	0.4676	0.0000	0.0000	0.0000
2016-10-28 03:45:00	0.0000	39.0762	0.0000	0.4676	0.0000	0.0000	0.0000
2016-10-28 04:00:00	0.0000	39.0762	0.0000	0.4676	0.0000	0.0000	0.0000
2016-10-28 04:15:00	0.0000	39.0762	0.0000	0.4229	0.0000	0.0000	0.0000
2016-10-28 04:30:00	0.0000	39.0762	0.0000	0.3550	0.0000	0.0000	0.0000
2016-10-28 04:45:00	0.0000	39.0762	0.0000	0.3550	0.0000	0.0000	0.0000
2016-10-28 05:00:00	0.0000	39.0762	0.0000	0.4344	0.0000	0.0000	0.0000
2016-10-28 05:15:00	0.0000	39.0762	0.0000	0.4717	0.0000	0.0000	0.0000
2016-10-28 05:30:00	0.0000	39.0762	0.0000	0.4717	0.0000	0.0000	0.0000
2016-10-28 05:45:00	0.0000	39.0762	0.0000	0.4717	0.0000	0.0000	0.0000
2016-10-28 06:00:00	0.0000	39.0762	0.0000	0.4131	0.0000	0.0000	0.0000
2016-10-28 06:15:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 06:30:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 06:45:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 07:00:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 07:15:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 07:30:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 07:45:00	0.0995	39.0762	0.0039	0.3584	0.0000	0.0000	0.0000
2016-10-28 08:00:00	2.4224	39.0762	0.0947	0.3584	0.0009	0.0000	0.0000
2016-10-28 08:15:00	2.5159	39.0762	0.0983	0.3584	0.0009	0.0000	0.0000
2016-10-28 08:30:00	0.7510	39.0762	0.0293	0.3584	0.0003	0.0000	0.0000
2016-10-28 08:45:00	0.0576	39.0762	0.0023	0.3584	0.0000	0.0000	0.0000
2016-10-28 09:00:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 09:15:00	0.1437	39.0762	0.0056	0.3584	0.0001	0.0000	0.0000
2016-10-28 09:30:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 09:45:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 10:00:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 10:15:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 10:30:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 10:45:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
2016-10-28 11:00:00	0.0000	33.0702					
2016-10-28 11:00:00 2016-10-28 11:15:00	0.0000	39.0762	0.0000	0.3584	0.0000	0.0000	0.0000
				0.3584 0.3425	0.0000 0.0002	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-28 12:00:00	1.4010	39.0762	0.0547	0.3198	0.0004	0.0000	0.0000
2016-10-28 12:15:00	0.3434	39.0762	0.0134	0.3530	0.0001	0.0000	0.0000
2016-10-28 12:30:00	0.4185	39.0762	0.0164	0.2865	0.0001	0.0000	0.0000
2016-10-28 12:45:00	0.4067	39.0762	0.0159	0.2140	0.0001	0.0000	0.0000
2016-10-28 13:00:00	0.5199	39.0762	0.0203	0.1790	0.0001	0.0000	0.0000
2016-10-28 13:15:00	0.4068	39.0762	0.0159	0.2148	0.0001	0.0000	0.0000
2016-10-28 13:30:00	0.5950	39.0762	0.0233	0.1015	0.0001	0.0000	0.0000
2016-10-28 13:45:00	0.7198	39.0762	0.0281	0.1299	0.0001	0.0000	0.0000
2016-10-28 14:00:00	0.9918	39.0762	0.0388	0.0852	0.0001	0.0000	0.0000
2016-10-28 14:15:00	1.6632	39.0762	0.0650	0.1189	0.0002	0.0000	0.0000
2016-10-28 14:30:00	1.3480	39.0762	0.0527	0.1057	0.0001	0.0000	0.0000
2016-10-28 14:45:00	1.3368	39.0762	0.0522	0.0889	0.0001	0.0000	0.0000
2016-10-28 15:00:00	1.8278	39.0762	0.0714	0.0597	0.0001	0.0000	0.0000
2016-10-28 15:15:00	3.2890	39.0762	0.1285	0.0597	0.0002	0.0000	0.0000
2016-10-28 15:30:00	4.3510	39.0762	0.1700	0.0597	0.0003	0.0000	0.0000
2016-10-28 15:45:00	2.2196	39.0762	0.0867	0.5610	0.0012	0.0000	0.0000
2016-10-28 16:00:00	2.0061	39.0762	0.0784	0.1225	0.0002	0.0000	0.0000
2016-10-28 16:15:00	3.2928	39.0762	0.1287	0.0000	0.0000	0.0000	0.0000 0.0000
2016-10-28 16:30:00 2016-10-28 16:45:00	1.8895	39.0762 39.0762	0.0738	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
	1.9478		0.0761	0.0000	0.0000	0.0000	0.0000
2016-10-28 17:00:00 2016-10-28 17:15:00	3.9868 4.4725	39.0762 39.0762	0.1558 0.1748	0.0000	0.0000	0.0000	0.0000
2016-10-28 17:15:00	4.4725 4.8570	39.0762	0.1748	4.8822	0.0000	0.0000	0.0000
2016-10-28 17:45:00	4.8370 3.8445	39.0762	0.1898	0.2597	0.0010	0.0000	0.0000
2016-10-28 17:43:00	4.9699	39.0762	0.1302	0.2397	0.0010	0.0000	0.0000
2016-10-28 18:15:00	3.7159	39.0762	0.1452	0.1414	0.0007	0.0000	0.0000
2016-10-28 18:30:00	2.3139	39.0762	0.0904	0.2438	0.0006	0.0000	0.0000
2016-10-28 18:45:00	2.1359	39.0762	0.0835	0.2669	0.0006	0.0000	0.0000
2016-10-28 19:00:00	1.7666	39.0762	0.0690	0.3166	0.0006	0.0000	0.0000
2016-10-28 19:15:00	2.7030	39.0762	0.1056	0.3592	0.0010	0.0000	0.0000
2016-10-28 19:30:00	2.2856	39.0762	0.0893	0.2821	0.0006	0.0000	0.0000
2016-10-28 19:45:00	2.4181	39.0762	0.0945	0.3470	0.0008	0.0000	0.0000
2016-10-28 20:00:00	4.9560	39.0762	0.1937	0.1996	0.0010	0.0000	0.0000
2016-10-28 20:15:00	3.4219	39.0762	0.1337	0.1156	0.0004	0.0000	0.0000
2016-10-28 20:30:00	2.8696	39.0762	0.1121	0.2633	0.0008	0.0000	0.0000
2016-10-28 20:45:00	3.6794	39.0762	0.1438	0.2740	0.0010	0.0000	0.0000
2016-10-28 21:00:00	3.6095	39.0762	0.1410	0.1654	0.0006	0.0000	0.0000
2016-10-28 21:15:00	2.7238	39.0762	0.1064	0.3269	0.0009	0.0000	0.0000
2016-10-28 21:30:00	3.5237	39.0762	0.1377	0.2260	0.0008	0.0000	0.0000
2016-10-28 21:45:00	3.7074	39.0762	0.1449	0.2566	0.0010	0.0000	0.0000
2016-10-28 22:00:00	2.8545	39.0762	0.1115	0.3130	0.0009	0.0000	0.0000
2016-10-28 22:15:00	2.8859	39.0762	0.1128	0.2693	0.0008	0.0000	0.0000
2016-10-28 22:30:00	4.2713	39.0762	0.1669	0.1662	0.0007	0.0000	0.0000
2016-10-28 22:45:00	4.1412	39.0762	0.1618	0.1269	0.0005	0.0000	0.0000
2016-10-28 23:00:00	2.7872	39.0762	0.1089	0.2302	0.0006	0.0000	0.0000
2016-10-28 23:15:00	2.7088	39.0762	0.1059	0.3592	0.0010	0.0000	0.0000
2016-10-28 23:30:00	2.7674	39.0762	0.1081	0.2795	0.0008	0.0000	0.0000
2016-10-28 23:45:00	2.2127	39.0762	0.0865	0.3180	0.0007	0.0000	0.0000
2016-10-29 00:00:00	1.0788	39.0762	0.0422	0.4594	0.0005	0.0000	0.0000
2016-10-29 00:15:00	0.6553	39.0762	0.0256	0.4594	0.0003	0.0000	0.0000
2016-10-29 00:30:00	0.1141	39.0762	0.0045	0.4594	0.0001	0.0000	0.0000
2016-10-29 00:45:00	0.0391	39.0762	0.0015	0.4594	0.0000	0.0000	0.0000
2016-10-29 01:00:00	0.0233	39.0762	0.0009	0.4594	0.0000	0.0000	0.0000
2016-10-29 01:15:00	0.0000	39.0762	0.0000	0.4594	0.0000	0.0000	0.0000
2016-10-29 01:30:00	0.0202	39.0762	0.0008	0.4594	0.0000	0.0000	0.0000
2016-10-29 01:45:00	0.0000	39.0762	0.0000	0.4594	0.0000	0.0000	0.0000
2016-10-29 02:00:00	0.0000	39.0762	0.0000	0.4096	0.0000	0.0000	0.0000
2016-10-29 02:15:00	0.0180	39.0762	0.0007	0.3468	0.0000	0.0000	0.0000
2016-10-29 02:30:00	0.0221	39.0762	0.0009	0.3468	0.0000	0.0000	0.0000
2016-10-29 02:45:00	0.0000	39.0762	0.0000	0.3468	0.0000	0.0000	0.0000
2016-10-29 03:00:00	0.0000	39.0762	0.0000	0.4250	0.0000	0.0000	0.0000
2016-10-29 03:15:00	0.0000	39.0762	0.0000	0.4607	0.0000	0.0000	0.0000
2016-10-29 03:30:00	0.0000	39.0762	0.0000	0.4607	0.0000	0.0000	0.0000
2016-10-29 03:45:00	0.0000	39.0762	0.0000	0.4357	0.0000	0.0000	0.0000
2016-10-29 04:00:00	0.0000	39.0762	0.0000	0.3468	0.0000	0.0000	0.0000
2016-10-29 04:15:00	0.0195	39.0762	0.0008	0.3468	0.0000	0.0000	0.0000
2016-10-29 04:30:00	0.0000	39.0762	0.0000	0.3468	0.0000	0.0000	0.0000
2016-10-29 04:45:00	0.0375	39.0762	0.0015	0.3468	0.0000	0.0000	0.0000
2016-10-29 05:00:00	0.0756	39.0762	0.0030	0.3468	0.0000	0.0000	0.0000
2016-10-29 05:15:00	0.0000	39.0762	0.0000	0.3468	0.0000	0.0000	0.0000
2016-10-29 05:30:00	0.0000	39.0762	0.0000	0.4074	0.0000	0.0000	0.0000
2016-10-29 05:45:00	0.0000	39.0762	0.0000	0.4621	0.0000	0.0000	0.0000
2016-10-29 06:00:00	0.0000	39.0762	0.0000	0.4621	0.0000	0.0000	0.0000
2016-10-29 06:15:00	0.0000	39.0762	0.0000	0.4621	0.0000	0.0000	0.0000
2016-10-29 06:30:00	0.0000	39.0762	0.0000	0.4621	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-29 06:45:00	0.0000	39.0762	0.0000	0.4621	0.0000	0.0000	0.0000
2016-10-29 07:00:00	0.0000	39.0762	0.0000	0.3838	0.0000	0.0000	0.0000
2016-10-29 07:15:00	0.0195	39.0762	0.0008	0.4566	0.0000	0.0000	0.0000
2016-10-29 07:30:00	0.2184	39.0762	0.0085	0.4566	0.0001	0.0000	0.0000
2016-10-29 07:45:00	0.3131	39.0762	0.0122	0.3594	0.0001	0.0000	0.0000
2016-10-29 08:00:00	0.2470	39.0762	0.0097	0.3440	0.0001	0.0000	0.0000
2016-10-29 08:15:00	0.4323	39.0762	0.0169	0.3440	0.0001	0.0000	0.0000
2016-10-29 08:30:00	1.6716	39.0762	0.0653	0.3440	0.0006	0.0000	0.0000
2016-10-29 08:45:00	3.3240	39.0762	0.1299	0.3440	0.0011	0.0000	0.0000
2016-10-29 09:00:00	3.6422	39.0762	0.1423	0.3440	0.0013	0.0000	0.0000
2016-10-29 09:15:00	2.1628	39.0762	0.0845	0.3440	0.0007	0.0000	0.0000
2016-10-29 09:30:00	0.2699	39.0762	0.0105	0.3440	0.0001	0.0000	0.0000
2016-10-29 09:45:00	0.3843	39.0762	0.0150	0.3440	0.0001	0.0000	0.0000
2016-10-29 10:00:00	0.1417	39.0762	0.0055	0.3440	0.0000	0.0000	0.0000
2016-10-29 10:15:00	0.0400	39.0762	0.0016	0.3440	0.0000	0.0000	0.0000
2016-10-29 10:30:00	0.2630	39.0762	0.0103	0.3440	0.0001	0.0000	0.0000
2016-10-29 10:45:00 2016-10-29 11:00:00	0.1690	39.0762	0.0066	0.3440	0.0001	0.0000	0.0000
	0.0666	39.0762	0.0026	0.3440	0.0000	0.0000	0.0000 0.0000
2016-10-29 11:15:00 2016-10-29 11:30:00	0.2763	39.0762 39.0762	0.0108	0.3440	0.0001	0.0000	
2016-10-29 11:30:00 2016-10-29 11:45:00	0.1357 0.0468	39.0762 39.0762	0.0053 0.0018	0.3278 0.3310	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-29 11:45:00	0.0468	39.0762	0.0018	0.3310	0.0000	0.0000	0.0000
2016-10-29 12:00:00	0.7892	39.0762	0.0104	0.3310	0.0001	0.0000	0.0000
2016-10-29 12:13:00	1.9105	39.0762	0.0308	0.3017	0.0002	0.0000	0.0000
2016-10-29 12:45:00	2.3614	39.0762	0.0747	0.2636	0.0003	0.0000	0.0000
2016-10-29 13:00:00	2.4412	39.0762	0.0954	0.3837	0.0009	0.0000	0.0000
2016-10-29 13:15:00	1.8301	39.0762	0.0715	0.1156	0.0003	0.0000	0.0000
2016-10-29 13:30:00	1.6839	39.0762	0.0658	0.1232	0.0002	0.0000	0.0000
2016-10-29 13:45:00	1.5482	39.0762	0.0605	0.1081	0.0002	0.0000	0.0000
2016-10-29 14:00:00	1.6753	39.0762	0.0655	0.0439	0.0001	0.0000	0.0000
2016-10-29 14:15:00	2.2549	39.0762	0.0881	0.0284	0.0001	0.0000	0.0000
2016-10-29 14:30:00	2.4792	39.0762	0.0969	0.0132	0.0000	0.0000	0.0000
2016-10-29 14:45:00	2.2060	39.0762	0.0862	0.0378	0.0001	0.0000	0.0000
2016-10-29 15:00:00	3.0586	39.0762	0.1195	0.0673	0.0002	0.0000	0.0000
2016-10-29 15:15:00	4.5223	39.0762	0.1767	0.0673	0.0003	0.0000	0.0000
2016-10-29 15:30:00	4.1707	39.0762	0.1630	0.3075	0.0013	0.0000	0.0000
2016-10-29 15:45:00	2.7702	39.0762	0.1082	0.4617	0.0013	0.0000	0.0000
2016-10-29 16:00:00	2.6811	39.0762	0.1048	0.0000	0.0000	0.0000	0.0000
2016-10-29 16:15:00	3.2778	39.0762	0.1281	0.8427	0.0028	0.0000	0.0000
2016-10-29 16:30:00	2.8228	39.0762	0.1103	2.2854	0.0065	0.0000	0.0000
2016-10-29 16:45:00	2.8581	39.0762	0.1117	0.2610	0.0007	0.0000	0.0000
2016-10-29 17:00:00	2.4968	39.0762	0.0976	0.6890	0.0017	0.0000	0.0000
2016-10-29 17:15:00	2.9802	39.0762	0.1165	0.0937	0.0003	0.0000	0.0000
2016-10-29 17:30:00	5.1954	39.0762	0.2030	0.8861	0.0046	0.0000	0.0000
2016-10-29 17:45:00	6.4788	39.0762	0.2532	2.3225	0.0150	0.0000	0.0000
2016-10-29 18:00:00	6.3535	39.0762	0.2483	0.6195	0.0039	0.0000	0.0000
2016-10-29 18:15:00	6.7289	39.0762	0.2629	0.4131	0.0028	0.0000	0.0000
2016-10-29 18:30:00	6.2094	39.0762	0.2426	0.1077	0.0007	0.0000	0.0000
2016-10-29 18:45:00	6.2047	39.0762	0.2425	0.0169	0.0001	0.0000	0.0000
2016-10-29 19:00:00	5.0409	39.0762	0.1970	0.1457	0.0007	0.0000	0.0000
2016-10-29 19:15:00	5.2384	39.0762	0.2047	0.2268	0.0012	0.0000	0.0000
2016-10-29 19:30:00	5.4033	39.0762	0.2111	0.2496	0.0013	0.0000	0.0000
2016-10-29 19:45:00	4.9687	39.0762	0.1942	0.1791	0.0009	0.0000	0.0000
2016-10-29 20:00:00	4.3482	39.0762	0.1699	0.4049	0.0018	0.0000	0.0000
2016-10-29 20:15:00	3.5297	39.0762	0.1379	0.4525	0.0016	0.0000	0.0000
2016-10-29 20:30:00	1.2358	39.0762	0.0483	0.4868	0.0006	0.0000	0.0000
2016-10-29 20:45:00	0.6103	39.0762	0.0238	0.4868	0.0003	0.0000	0.0000
2016-10-29 21:00:00	1.6635	39.0762	0.0650	0.4612	0.0008	0.0000	0.0000
2016-10-29 21:15:00	0.4603	39.0762	0.0180	0.4875	0.0002	0.0000	0.0000
2016-10-29 21:30:00	0.0996	39.0762	0.0039	0.4714	0.0000	0.0000	0.0000
2016-10-29 21:45:00	2.3512	39.0762	0.0919	0.2334	0.0005	0.0000	0.0000
2016-10-29 22:00:00	4.0810	39.0762	0.1595	0.0807	0.0003	0.0000	0.0000
2016-10-29 22:15:00	4.2426	39.0762	0.1658	0.1752	0.0007	0.0000	0.0000
2016-10-29 22:30:00	2.3985	39.0762	0.0937	0.2221	0.0005	0.0000	0.0000
2016-10-29 22:45:00	2.3781	39.0762	0.0929	0.2543	0.0006	0.0000	0.0000
2016-10-29 23:00:00	1.7731	39.0762	0.0693	0.2843	0.0005	0.0000	0.0000
2016-10-29 23:15:00	0.9898	39.0762	0.0387	0.2843	0.0003	0.0000	0.0000
2016-10-29 23:30:00	0.3163	39.0762	0.0124	0.2843	0.0001	0.0000	0.0000
2016-10-29 23:45:00	0.2024	39.0762	0.0079	0.2950	0.0001	0.0000	0.0000
2016-10-30 00:00:00	0.0461	39.0762	0.0018	0.3983	0.0000	0.0000	0.0000
2016-10-30 00:15:00	0.0417	39.0762	0.0016	0.3983	0.0000	0.0000	0.0000
2016-10-30 00:30:00	0.0000	39.0762	0.0000	0.3983	0.0000	0.0000	0.0000
2016-10-30 00:45:00	0.0207	39.0762	0.0008	0.3983	0.0000	0.0000	0.0000
2016-10-30 01:00:00	0.0000	39.0762	0.0000	0.3983	0.0000	0.0000	0.0000
2016-10-30 01:15:00	0.0223	39.0762	0.0009	0.3983	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-30 01:30:00	0.0000	39.0762	0.0000	0.3983	0.0000	0.0000	0.0000
2016-10-30 01:45:00	0.0000	39.0762	0.0000	0.3466	0.0000	0.0000	0.0000
2016-10-30 02:00:00	0.0405	39.0762	0.0016	0.2850	0.0000	0.0000	0.0000
2016-10-30 02:15:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 02:30:00	0.0180	39.0762	0.0007	0.2850	0.0000	0.0000	0.0000
2016-10-30 02:45:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 03:00:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 03:15:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 03:30:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 03:45:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 04:00:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 04:15:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 04:30:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 04:45:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 05:00:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 05:15:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 05:30:00	0.0000	39.0762	0.0000	0.2850	0.0000	0.0000	0.0000
2016-10-30 05:45:00 2016-10-30 06:00:00	0.0000	39.0762 39.0762	0.0000 0.0000	0.2850 0.2850	0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-30 06:00:00	0.0000				0.0000		
2016-10-30 06:15:00	0.0000 0.0000	39.0762 39.0762	0.0000 0.0000	0.2850 0.3608	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-10-30 06:30:00	0.0000	39.0762	0.0000	0.3989	0.0000	0.0000	0.0000
2016-10-30 06:45:00	0.0000	39.0762	0.0000	0.3564	0.0000	0.0000	0.0000
2016-10-30 07:15:00	0.0000	39.0762	0.0000	0.3976	0.0000	0.0000	0.0000
2016-10-30 07:15:00	0.0000	39.0762	0.0000	0.3976	0.0000	0.0000	0.0000
2016-10-30 07:45:00	0.0000	39.0762	0.0000	0.3717	0.0000	0.0000	0.0000
2016-10-30 08:00:00	0.0588	39.0762	0.0023	0.2836	0.0000	0.0000	0.0000
2016-10-30 08:15:00	0.0000	39.0762	0.0000	0.2836	0.0000	0.0000	0.0000
2016-10-30 08:30:00	0.0000	39.0762	0.0000	0.2836	0.0000	0.0000	0.0000
2016-10-30 08:45:00	0.0000	39.0762	0.0000	0.2836	0.0000	0.0000	0.0000
2016-10-30 09:00:00	0.0000	39.0762	0.0000	0.2836	0.0000	0.0000	0.0000
2016-10-30 09:15:00	0.0000	39.0762	0.0000	0.2836	0.0000	0.0000	0.0000
2016-10-30 09:30:00	0.0000	39.0762	0.0000	0.2836	0.0000	0.0000	0.0000
2016-10-30 09:45:00	0.0000	39.0762	0.0000	0.2836	0.0000	0.0000	0.0000
2016-10-30 10:00:00	0.0000	39.0762	0.0000	0.2836	0.0000	0.0000	0.0000
2016-10-30 10:15:00	0.0203	39.0762	0.0008	0.2836	0.0000	0.0000	0.0000
2016-10-30 10:30:00	0.0393	39.0762	0.0015	0.2836	0.0000	0.0000	0.0000
2016-10-30 10:45:00	0.0000	39.0762	0.0000	0.2836	0.0000	0.0000	0.0000
2016-10-30 11:00:00	0.0183	39.0762	0.0007	0.2836	0.0000	0.0000	0.0000
2016-10-30 11:15:00	0.0398	39.0762	0.0016	0.2836	0.0000	0.0000	0.0000
2016-10-30 11:30:00	0.1254	39.0762	0.0049	0.2836	0.0000	0.0000	0.0000
2016-10-30 11:45:00	0.0678	39.0762	0.0026	0.2836	0.0000	0.0000	0.0000
2016-10-30 12:00:00	0.0212	39.0762	0.0008	0.2836	0.0000	0.0000	0.0000
2016-10-30 12:15:00	0.0190	39.0762	0.0007	0.2836	0.0000	0.0000	0.0000
2016-10-30 12:30:00	0.0939	39.0762	0.0037	0.2836	0.0000	0.0000	0.0000
2016-10-30 12:45:00	0.0216	39.0762	0.0008	0.2836	0.0000	0.0000	0.0000
2016-10-30 13:00:00	0.0552	39.0762	0.0022	0.2836	0.0000	0.0000	0.0000
2016-10-30 13:15:00	0.0395	39.0762	0.0015	0.2836	0.0000	0.0000	0.0000
2016-10-30 13:30:00	0.1568	39.0762	0.0061	0.2836	0.0000	0.0000	0.0000
2016-10-30 13:45:00	0.1700	39.0762	0.0066	0.2836	0.0000	0.0000	0.0000
2016-10-30 14:00:00	0.5905	39.0762	0.0231	0.2836	0.0002	0.0000	0.0000
2016-10-30 14:15:00	0.5570	39.0762	0.0218	0.2836	0.0002	0.0000	0.0000
2016-10-30 14:30:00	0.3442	39.0762	0.0134	0.2836	0.0001	0.0000	0.0000
2016-10-30 14:45:00	0.4284	39.0762	0.0167	0.2836	0.0001	0.0000	0.0000
2016-10-30 15:00:00	0.5512	39.0762	0.0215	0.2836	0.0002	0.0000	0.0000
2016-10-30 15:15:00	0.3195	39.0762	0.0125	0.2836	0.0001	0.0000	0.0000
2016-10-30 15:30:00	0.3008	39.0762	0.0118	0.2836	0.0001	0.0000	0.0000
2016-10-30 15:45:00	0.6334	39.0762	0.0248	0.2836	0.0002	0.0000	0.0000
2016-10-30 16:00:00	1.0260	39.0762	0.0401	0.2836	0.0003	0.0000	0.0000
2016-10-30 16:15:00	0.9232	39.0762	0.0361	0.2836	0.0003	0.0000	0.0000
2016-10-30 16:30:00	0.7869	39.0762	0.0308	0.2771	0.0002	0.0000	0.0000
2016-10-30 16:45:00	1.5482	39.0762	0.0605	0.1681	0.0003	0.0000	0.0000
2016-10-30 17:00:00	0.5004	39.0762	0.0196	0.0854	0.0000	0.0000	0.0000
2016-10-30 17:15:00	0.6990	39.0762	0.0273	0.1148	0.0001	0.0000	0.0000
2016-10-30 17:30:00	0.2246	39.0762	0.0088	0.2715	0.0001	0.0000	0.0000
2016-10-30 17:45:00	1.0269	39.0762	0.0401	0.2863	0.0003	0.0000	0.0000
2016-10-30 18:00:00	1.4328	39.0762	0.0560	0.3426	0.0005	0.0000	0.0000
2016-10-30 18:15:00	1.7422	39.0762	0.0681	0.3426	0.0006	0.0000	0.0000
2016-10-30 18:30:00	1.2285	39.0762	0.0480	0.3426	0.0004	0.0000	0.0000
2016-10-30 18:45:00	1.6353	39.0762	0.0639	0.3426	0.0006	0.0000	0.0000
2016-10-30 19:00:00	2.1447	39.0762	0.0838	0.3426	0.0007	0.0000	0.0000
2016-10-30 19:15:00	2.1667	39.0762	0.0847	0.3426	0.0007	0.0000	0.0000
2016-10-30 19:30:00	1.6765	39.0762	0.0655	0.3426	0.0006	0.0000	0.0000
2016-10-30 19:45:00	1.2239	39.0762	0.0478	0.3304	0.0004	0.0000	0.0000
2016-10-30 20:00:00	1.1793	39.0762	0.0461	0.3440	0.0004	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-10-30 20:15:00	0.6400	39.0762	0.0250	0.3440	0.0002	0.0000	0.0000	
2016-10-30 20:30:00	2.9972	39.0762	0.1171	0.3342	0.0010	0.0000	0.0000	
2016-10-30 20:45:00	2.7221	39.0762	0.1064	0.2942	0.0008	0.0000	0.0000	
2016-10-30 21:00:00	3.0212	39.0762	0.1181	0.3250	0.0010	0.0000	0.0000	
2016-10-30 21:15:00	1.8838	39.0762	0.0736	0.3321	0.0006	0.0000	0.0000	
2016-10-30 21:30:00	1.7318	39.0762	0.0677	0.3426	0.0006	0.0000	0.0000	
2016-10-30 21:45:00	2.0340	39.0762	0.0795	0.3426 0.3426	0.0007	0.0000	0.0000	
2016-10-30 22:00:00 2016-10-30 22:15:00	1.2554 1.9505	39.0762 39.0762	0.0491 0.0762	0.3426	0.0004 0.0005	0.0000 0.0000	0.0000	
2016-10-30 22:30:00	2.0325	39.0762	0.0762	0.2590	0.0005	0.0000	0.0000	
2016-10-30 22:45:00	2.5920	39.0762	0.1013	0.2865	0.0003	0.0000	0.0000	
2016-10-30 23:00:00	2.5620	39.0762	0.1013	0.2801	0.0007	0.0000	0.0000	
2016-10-30 23:15:00	2.9594	39.0762	0.1156	0.1733	0.0007	0.0000	0.0000	
2016-10-30 23:30:00	2.8395	39.0762	0.1110	0.1149	0.0003	0.0000	0.0000	
2016-10-30 23:45:00	3.2267	39.0762	0.1261	0.1221	0.0003	0.0000	0.0000	
2016-10-31 00:00:00	2.8009	39.0762	0.1094	0.0600	0.0002	0.0000	0.0000	
2016-10-31 00:15:00	3.0228	39.0762	0.1181	0.1892	0.0006	0.0000	0.0000	
2016-10-31 00:30:00	1.7312	39.0762	0.0676	0.2538	0.0004	0.0000	0.0000	
2016-10-31 00:45:00	1.3687	39.0762	0.0535	0.2484	0.0003	0.0000	0.0000	
2016-10-31 01:00:00	3.0449	39.0762	0.1190	0.0538	0.0002	0.0000	0.0000	
2016-10-31 01:15:00	0.8336	39.0762	0.0326	0.2177	0.0002	0.0000	0.0000	
2016-10-31 01:30:00	1.1205	39.0762	0.0438	0.3230	0.0004	0.0000	0.0000	
2016-10-31 01:45:00	0.8320	39.0762	0.0325	0.3544	0.0003	0.0000	0.0000	
2016-10-31 02:00:00	1.7460	39.0762	0.0682	0.2270	0.0004	0.0000	0.0000	
2016-10-31 02:15:00	2.0082	39.0762	0.0785	0.2362	0.0005	0.0000	0.0000	
2016-10-31 02:30:00	1.0159	39.0762	0.0397	0.3660	0.0004	0.0000	0.0000	
2016-10-31 02:45:00	1.5922	39.0762	0.0622	0.3660	0.0006	0.0000	0.0000	
2016-10-31 03:00:00	1.7641	39.0762	0.0689	0.3973	0.0007	0.0000	0.0000	
2016-10-31 03:15:00	1.3200	39.0762	0.0516	0.4717	0.0006	0.0000	0.0000	
2016-10-31 03:30:00	3.2314	39.0762	0.1263	0.3772	0.0012	0.0000	0.0000	
2016-10-31 03:45:00	2.1435	39.0762	0.0838	0.4491	0.0010	0.0000	0.0000	
2016-10-31 04:00:00	3.0694	39.0762	0.1199	0.2951	0.0009	0.0000	0.0000	
2016-10-31 04:15:00	2.4267	39.0762	0.0948	0.4683	0.0011	0.0000	0.0000	
2016-10-31 04:30:00	0.5197	39.0762	0.0203	0.4683	0.0002	0.0000	0.0000	
2016-10-31 04:45:00	0.5573	39.0762	0.0218	0.4683	0.0003	0.0000	0.0000	
2016-10-31 05:00:00	0.8051	39.0762	0.0315	0.4683	0.0004	0.0000	0.0000	
2016-10-31 05:15:00	1.6679	39.0762	0.0652	0.4683	0.0008	0.0000	0.0000	
2016-10-31 05:30:00	3.1975	39.0762	0.1249	0.3236	0.0010	0.0000	0.0000	
2016-10-31 05:45:00	2.8732	39.0762	0.1123	0.3296	0.0009	0.0000	0.0000	
2016-10-31 06:00:00	2.8363	39.0762	0.1108	0.3950	0.0011	0.0000	0.0000	
2016-10-31 06:15:00	2.1044	39.0762	0.0822	0.4436	0.0009	0.0000	0.0000	
2016-10-31 06:30:00	1.7571	39.0762	0.0687	0.4238	0.0007	0.0000	0.0000	
2016-10-31 06:45:00	0.1797	39.0762	0.0070	0.3665	0.0001	0.0000	0.0000	
2016-10-31 07:00:00	0.0000	39.0762	0.0000	0.3746	0.0000	0.0000	0.0000	
2016-10-31 07:15:00	0.1002	39.0762	0.0039	0.3227	0.0000	0.0000	0.0000	
2016-10-31 07:30:00	0.0578	39.0762	0.0023	0.3227	0.0000	0.0000	0.0000	
2016-10-31 07:45:00	0.0184	39.0762	0.0007	0.3227	0.0000	0.0000	0.0000	
2016-10-31 08:00:00	0.0000	39.0762	0.0000	0.3227	0.0000	0.0000	0.0000	
2016-10-31 08:15:00	0.0000	39.0762	0.0000	0.3227	0.0000	0.0000	0.0000	
2016-10-31 08:30:00	0.0000	39.0762	0.0000	0.3227	0.0000	0.0000	0.0000	
2016-10-31 08:45:00	0.0000	39.0762	0.0000	0.3227	0.0000	0.0000	0.0000	
2016-10-31 09:00:00	0.0000	39.0762	0.0000	0.3227	0.0000	0.0000	0.0000	
2016-10-31 09:15:00	0.0000	39.0762	0.0000	0.3227	0.0000	0.0000	0.0000	
2016-10-31 09:30:00	0.0379	39.0762	0.0015	0.3227	0.0000	0.0000	0.0000	
2016-10-31 09:45:00	0.0767	39.0762	0.0030	0.3227	0.0000	0.0000	0.0000	
2016-10-31 10:00:00	0.1350	39.0762	0.0053	0.3227	0.0000	0.0000	0.0000	
2016-10-31 10:15:00	0.0550	39.0762	0.0021	0.3227	0.0000	0.0000	0.0000	
2016-10-31 10:30:00	0.0700	39.0762	0.0027	0.3227	0.0000	0.0000	0.0000	
2016-10-31 10:45:00	0.0781	39.0762	0.0031	0.3227	0.0000	0.0000	0.0000	
2016-10-31 11:00:00	0.0981	39.0762	0.0038	0.3227	0.0000	0.0000	0.0000	
2016-10-31 11:15:00	0.1286	39.0762	0.0050	0.3227	0.0000	0.0000	0.0000	
2016-10-31 11:30:00	0.1714	39.0762	0.0067	0.3227	0.0001	0.0000	0.0000	
2016-10-31 11:45:00	0.5631	39.0762	0.0220	0.1801	0.0001	0.0000	0.0000	
2016-10-31 12:00:00	0.9713	39.0762	0.0380	0.2432	0.0002	0.0000	0.0000	
2016-10-31 12:15:00	0.8675	39.0762	0.0339	0.2299	0.0002	0.0000	0.0000	
2016-10-31 12:30:00	1.7715	39.0762	0.0692	0.1749	0.0003	0.0000	0.0000	
2016-10-31 12:45:00	1.8263	39.0762	0.0714	0.0998	0.0002	0.0000	0.0000	
2016-10-31 13:00:00	1.4353	39.0762	0.0561	0.1294	0.0002	0.0000	0.0000	
2016-10-31 13:15:00 2016-10-31 13:30:00	2.4857	39.0762	0.0971	0.1051	0.0003	0.0000	0.0000	
	4.0584	39.0762 39.0762	0.1586	0.1476	0.0006	0.0000	0.0000	
		■ 30 0762	0.1520	0.2184	0.0008	0.0000	0.0000	
2016-10-31 13:45:00	3.8909		0.400-	0.400-	0.000-	0.000-	0.000-	
2016-10-31 13:45:00 2016-10-31 14:00:00	4.3144	39.0762	0.1686	0.1366	0.0006	0.0000	0.0000	
2016-10-31 13:45:00 2016-10-31 14:00:00 2016-10-31 14:15:00	4.3144 5.5797	39.0762 39.0762	0.2180	0.0330	0.0002	0.0000	0.0000	
2016-10-31 13:45:00 2016-10-31 14:00:00	4.3144	39.0762						

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-10-31 15:00:00	3.0047	39.0762	0.1174	0.2089	0.0006	0.0000	0.0000
2016-10-31 15:15:00	2.1103	39.0762	0.0825	0.0165	0.0000	0.0000	0.0000
2016-10-31 15:30:00	0.9171	39.0762	0.0358	0.0402	0.0000	0.0000	0.0000
2016-10-31 15:45:00	1.6738	39.0762	0.0654	0.1500	0.0003	0.0000	0.0000
2016-10-31 16:00:00	3.4820	39.0762	0.1361	1.2833	0.0045	0.0000	0.0000
2016-10-31 16:15:00	3.2897	39.0762	0.1286	1.5718	0.0052	0.0000	0.0000
2016-10-31 16:30:00	2.0742	39.0762	0.0811	0.0039	0.0000	0.0000	0.0000
2016-10-31 16:45:00	2.9117	39.0762	0.1138	0.0000	0.0000	0.0000	0.0000
2016-10-31 17:00:00	1.9078	39.0762	0.0745	0.0000	0.0000	0.0000	0.0000
2016-10-31 17:15:00	3.6050	39.0762	0.1409	1.9416	0.0070	0.0000	0.0000
2016-10-31 17:30:00	2.9540	39.0762	0.1154	0.2944	0.0009	0.0000	0.0000
2016-10-31 17:45:00	1.6132	39.0762	0.0630	0.1248	0.0002	0.0000	0.0000
2016-10-31 18:00:00	1.5157	39.0762	0.0592	0.1686	0.0003	0.0000	0.0000
2016-10-31 18:15:00	2.4538	39.0762	0.0959	0.2725	0.0007	0.0000	0.0000
2016-10-31 18:30:00	2.3378	39.0762	0.0914	0.3259	0.0008	0.0000	0.0000
2016-10-31 18:45:00	3.6417	39.0762	0.1423	0.2712	0.0010	0.0000	0.0000
2016-10-31 19:00:00	2.8676	39.0762	0.1121	0.2823	0.0008	0.0000	0.0000
2016-10-31 19:15:00	2.3339	39.0762	0.0912	0.3090	0.0007	0.0000	0.0000
2016-10-31 19:30:00	2.4510	39.0762	0.0958	0.3625	0.0009	0.0000	0.0000
2016-10-31 19:45:00 2016-10-31 20:00:00	1.7971 0.9403	39.0762 39.0762	0.0702 0.0367	0.3385 0.3385	0.0006 0.0003	0.0000 0.0000	0.0000 0.0000
2016-10-31 20:00:00	1.6786	39.0762	0.0367	0.3385	0.0003	0.0000	0.0000
2016-10-31 20:13:00	1.5312	39.0762	0.0598	0.3365	0.0006	0.0000	0.0000
2016-10-31 20:45:00	1.4009	39.0762	0.0598	0.3013	0.0005	0.0000	0.0000
2016-10-31 21:00:00	1.8157	39.0762	0.0347	0.2307	0.0003	0.0000	0.0000
2016-10-31 21:15:00	1.8564	39.0762	0.0725	0.3137	0.0004	0.0000	0.0000
2016-10-31 21:30:00	1.0616	39.0762	0.0415	0.3111	0.0003	0.0000	0.0000
2016-10-31 21:45:00	2.1277	39.0762	0.0831	0.2539	0.0005	0.0000	0.0000
2016-10-31 22:00:00	2.5542	39.0762	0.0998	0.2628	0.0007	0.0000	0.0000
2016-10-31 22:15:00	3.5979	39.0762	0.1406	0.2675	0.0010	0.0000	0.0000
2016-10-31 22:30:00	4.4350	39.0762	0.1733	0.1914	0.0008	0.0000	0.0000
2016-10-31 22:45:00	4.5982	39.0762	0.1797	0.1320	0.0006	0.0000	0.0000
2016-10-31 23:00:00	3.4371	39.0762	0.1343	0.2142	0.0007	0.0000	0.0000
2016-10-31 23:15:00	4.0652	39.0762	0.1589	0.2596	0.0011	0.0000	0.0000
2016-10-31 23:30:00	3.8454	39.0762	0.1503	0.1941	0.0007	0.0000	0.0000
2016-10-31 23:45:00	3.9994	39.0762	0.1563	0.1785	0.0007	0.0000	0.0000
2016-11-01 00:00:00	4.9410	39.0762	0.1931	0.0771	0.0004	0.0000	0.0000
2016-11-01 00:15:00	2.7450	39.0762	0.1073	0.2182	0.0006	0.0000	0.0000
2016-11-01 00:30:00	2.0501	39.0762	0.0801	0.1374	0.0003	0.0000	0.0000
2016-11-01 00:45:00	4.1747	39.0762	0.1631	0.1136	0.0005	0.0000	0.0000
2016-11-01 01:00:00	4.0901	39.0762	0.1598	0.1203	0.0005	0.0000	0.0000
2016-11-01 01:15:00	3.1052	39.0762	0.1213	0.2270	0.0007	0.0000	0.0000
2016-11-01 01:30:00	3.2446	39.0762	0.1268	0.2169	0.0007	0.0000	0.0000
2016-11-01 01:45:00	2.6628	39.0762	0.1041	0.2846	0.0008	0.0000	0.0000
2016-11-01 02:00:00	4.1576	39.0762	0.1625	0.2616	0.0011	0.0000	0.0000
2016-11-01 02:15:00	4.5564	39.0762	0.1780	0.1653	0.0008	0.0000	0.0000
2016-11-01 02:30:00	3.6728	39.0762	0.1435	0.2559	0.0009	0.0000	0.0000
2016-11-01 02:45:00	3.3142	39.0762	0.1295	0.2394	0.0008	0.0000	0.0000
2016-11-01 03:00:00	2.3387	39.0762	0.0914	0.3147	0.0007	0.0000	0.0000
2016-11-01 03:15:00	2.5321	39.0762	0.0989	0.2174	0.0006	0.0000	0.0000
2016-11-01 03:30:00	2.7095	39.0762	0.1059	0.2877	0.0008	0.0000	0.0000
2016-11-01 03:45:00	3.1084	39.0762	0.1215	0.3367	0.0010	0.0000	0.0000
2016-11-01 04:00:00	2.8739	39.0762	0.1123	0.2967	0.0009	0.0000	0.0000
2016-11-01 04:15:00	3.5498	39.0762	0.1387	0.2938	0.0010	0.0000	0.0000
2016-11-01 04:30:00	4.7257	39.0762	0.1847	0.1628	0.0008	0.0000	0.0000
2016-11-01 04:45:00	4.6770	39.0762	0.1828	0.1896	0.0009	0.0000	0.0000
2016-11-01 05:00:00	4.0686	39.0762	0.1590	0.2028	0.0008	0.0000	0.0000
2016-11-01 05:15:00	4.1875	39.0762	0.1636	0.2324	0.0010	0.0000	0.0000
2016-11-01 05:30:00	4.0632	39.0762	0.1588	0.1732	0.0007	0.0000	0.0000
2016-11-01 05:45:00	3.4172	39.0762	0.1335	0.2580	0.0009	0.0000	0.0000
2016-11-01 06:00:00	2.6823	39.0762	0.1048	0.2760	0.0007	0.0000	0.0000
2016-11-01 06:15:00	3.0994	39.0762	0.1211	0.2753	0.0009	0.0000	0.0000
2016-11-01 06:30:00	4.0598	39.0762	0.1586	0.2364	0.0010	0.0000	0.0000
2016-11-01 06:45:00	1.5322	39.0762	0.0599	0.2813	0.0004	0.0000	0.0000
2016-11-01 07:00:00	0.5611	39.0762	0.0219	0.2769	0.0002	0.0000	0.0000
2016-11-01 07:15:00	0.4206	39.0762	0.0164	0.3488	0.0001	0.0000	0.0000
2016-11-01 07:30:00	0.3907	39.0762	0.0153	0.3488	0.0001	0.0000	0.0000
2016-11-01 07:45:00	1.4957	39.0762	0.0584	0.3488	0.0005	0.0000	0.0000
2016-11-01 08:00:00	2.1831	39.0762	0.0853	0.3488	0.0008	0.0000	0.0000
2016-11-01 08:15:00	2.0193	39.0762	0.0789	0.3443	0.0007	0.0000	0.0000
2016-11-01 08:30:00	0.9148	39.0762	0.0357	0.3522	0.0003	0.0000	0.0000
2016-11-01 08:45:00	1.0810	39.0762	0.0422	0.3522	0.0004	0.0000	0.0000
2016-11-01 09:00:00	0.2417	39.0762	0.0094	0.3522	0.0001	0.0000	0.0000
2016-11-01 09:15:00	1.2366	39.0762	0.0483	0.3522	0.0004	0.0000	0.0000
2016-11-01 09:30:00	1.9123	39.0762	0.0747	0.3522	0.0007	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-01 09:45:00	1.6857	39.0762	0.0659	0.3522	0.0006	0.0000	0.0000
2016-11-01 10:00:00	1.2904	39.0762	0.0504	0.3422	0.0004	0.0000	0.0000
2016-11-01 10:15:00	0.9773	39.0762	0.0382	0.2339	0.0002	0.0000	0.0000
2016-11-01 10:30:00	2.4501	39.0762	0.0957	0.0910	0.0002	0.0000	0.0000
2016-11-01 10:45:00	2.2676	39.0762	0.0886	0.0900	0.0002	0.0000	0.0000
2016-11-01 11:00:00	2.0761	39.0762	0.0811	0.0900	0.0002	0.0000	0.0000
2016-11-01 11:15:00	0.7722	39.0762	0.0302 0.0684	0.1948	0.0002	0.0000	0.0000
2016-11-01 11:30:00 2016-11-01 11:45:00	1.7499 1.3638	39.0762 39.0762	0.0684	0.1123 0.1800	0.0002 0.0002	0.0000 0.0000	0.0000
2016-11-01 11:45:00		39.0762 39.0762	0.0533	0.1800	0.0002	0.0000	0.0000
2016-11-01 12:00:00	1.8996	39.0762 39.0762	0.0742	0.1285	0.0002	0.0000	0.0000
2016-11-01 12:15:00	2.7911 2.2463	39.0762	0.1091	0.0905	0.0001	0.0000	0.0000
2016-11-01 12:30:00	2.2463	39.0762	0.0878	0.0903	0.0002	0.0000	0.0000
2016-11-01 12:45:00	2.0429	39.0762	0.0798	0.0967	0.0002	0.0000	0.0000
2016-11-01 13:05:00	2.4891	39.0762	0.0973	0.0619	0.0003	0.0000	0.0000
2016-11-01 13:13:00	2.6757	39.0762	0.1046	0.0706	0.0002	0.0000	0.0000
2016-11-01 13:30:00	3.2038	39.0762	0.1046	0.1048	0.0002	0.0000	0.0000
2016-11-01 13:43:00	3.9641	39.0762	0.1549	0.7035	0.0003	0.0000	0.0000
2016-11-01 14:05:00	3.7580	39.0762	0.1349	3.0671	0.0028	0.0000	0.0000
2016-11-01 14:30:00	2.1574	39.0762	0.0843	0.9789	0.00113	0.0000	0.0000
2016-11-01 14:30:00	1.4936	39.0762	0.0584	0.9789	0.0021	0.0000	0.0000
2016-11-01 14:45:00	3.1405	39.0762	0.0384	0.0167	0.0000	0.0000	0.0000
2016-11-01 15:05:00	2.9647	39.0762	0.1159	0.0240	0.0001	0.0000	0.0000
2016-11-01 15:30:00	3.3538	39.0762	0.1311	0.0000	0.0000	0.0000	0.0000
2016-11-01 15:45:00	4.0808	39.0762	0.1511	0.6922	0.0028	0.0000	0.0000
2016-11-01 16:00:00	3.5161	39.0762	0.1374	1.2468	0.0044	0.0000	0.0000
2016-11-01 16:15:00	2.3162	39.0762	0.0905	0.4841	0.0011	0.0000	0.0000
2016-11-01 16:30:00	3.5949	39.0762	0.1405	1.9852	0.0071	0.0000	0.0000
2016-11-01 16:45:00	5.0338	39.0762	0.1967	9.3275	0.0470	0.0000	0.0000
2016-11-01 17:00:00	2.3015	39.0762	0.0899	6.4402	0.0148	0.0000	0.0000
2016-11-01 17:15:00	2.4784	39.0762	0.0968	0.2323	0.0006	0.0000	0.0000
2016-11-01 17:30:00	3.5373	39.0762	0.1382	0.1273	0.0005	0.0000	0.0000
2016-11-01 17:45:00	2.3788	39.0762	0.0930	0.1503	0.0004	0.0000	0.0000
2016-11-01 18:00:00	3.9606	39.0762	0.1548	0.2250	0.0009	0.0000	0.0000
2016-11-01 18:15:00	4.0100	39.0762	0.1567	0.1890	0.0008	0.0000	0.0000
2016-11-01 18:30:00	4.0393	39.0762	0.1578	0.2406	0.0010	0.0000	0.0000
2016-11-01 18:45:00	3.7507	39.0762	0.1466	0.2641	0.0010	0.0000	0.0000
2016-11-01 19:00:00	4.7517	39.0762	0.1857	0.3564	0.0017	0.0000	0.0000
2016-11-01 19:15:00	5.0856	39.0762	0.1987	0.3303	0.0017	0.0000	0.0000
2016-11-01 19:30:00	5.1536	39.0762	0.2014	0.2617	0.0013	0.0000	0.0000
2016-11-01 19:45:00	5.4865	39.0762	0.2144	0.2820	0.0015	0.0000	0.0000
2016-11-01 20:00:00	4.5696	39.0762	0.1786	0.3298	0.0015	0.0000	0.0000
2016-11-01 20:15:00	4.5787	39.0762	0.1789	0.3284	0.0015	0.0000	0.0000
2016-11-01 20:30:00	5.1242	39.0762	0.2002	0.2280	0.0012	0.0000	0.0000
2016-11-01 20:45:00	6.3727	39.0762	0.2490	0.2683	0.0017	0.0000	0.0000
2016-11-01 21:00:00	3.0361	39.0762	0.1186	0.3180	0.0010	0.0000	0.0000
2016-11-01 21:15:00	6.0919	39.0762	0.2380	0.3816	0.0023	0.0000	0.0000
2016-11-01 21:30:00	5.5211	39.0762	0.2157	0.0995	0.0005	0.0000	0.0000
2016-11-01 21:45:00	5.5568	39.0762	0.2171	0.1741	0.0010	0.0000	0.0000
2016-11-01 22:00:00	5.5867	39.0762	0.2183	0.2057	0.0011	0.0000	0.0000
2016-11-01 22:15:00	5.4618	39.0762	0.2134	0.0839	0.0005	0.0000	0.0000
2016-11-01 22:30:00	5.6122	39.0762	0.2193	0.0770	0.0004	0.0000	0.0000
2016-11-01 22:45:00	4.3101	39.0762	0.1684	0.2643	0.0011	0.0000	0.0000
2016-11-01 23:00:00	5.2303	39.0762	0.2044	0.1584	0.0008	0.0000	0.0000
2016-11-01 23:15:00	2.1448	39.0762	0.0838	0.3430	0.0007	0.0000	0.0000
2016-11-01 23:30:00	4.2936	39.0762	0.1678	0.1792	0.0008	0.0000	0.0000
2016-11-01 23:45:00	5.7763	39.0762	0.2257	0.0577	0.0003	0.0000	0.0000
2016-11-02 00:00:00	5.8843	39.0762	0.2299	0.0529	0.0003	0.0000	0.0000
2016-11-02 00:15:00	5.6157	39.0762	0.2194	0.0185	0.0001	0.0000	0.0000
2016-11-02 00:30:00	4.7966	39.0762	0.1874	0.1660	0.0008	0.0000	0.0000
2016-11-02 00:45:00	5.3878	39.0762	0.2105	0.0452	0.0002	0.0000	0.0000
2016-11-02 01:00:00	5.5365	39.0762	0.2163	0.0328	0.0002	0.0000	0.0000
2016-11-02 01:15:00	6.1043	39.0762	0.2385	0.0000	0.0000	0.0000	0.0000
2016-11-02 01:30:00	5.8807	39.0762	0.2298	0.0468	0.0003	0.0000	0.0000
2016-11-02 01:45:00	5.7740	39.0762	0.2256	0.1935	0.0011	0.0000	0.0000
2016-11-02 02:00:00	3.9959	39.0762	0.1561	0.1562	0.0006	0.0000	0.0000
2016-11-02 02:15:00	4.4997	39.0762	0.1758	0.1054	0.0005	0.0000	0.0000
2016-11-02 02:30:00	4.4416	39.0762	0.1736	0.0954	0.0004	0.0000	0.0000
2016-11-02 02:45:00	4.9833	39.0762	0.1947	0.0835	0.0004	0.0000	0.0000
2016-11-02 03:00:00	4.8513	39.0762	0.1896	0.0784	0.0004	0.0000	0.0000
2010 11 02 02 15 00	4.0791	39.0762	0.1594	0.0714	0.0003	0.0000	0.0000
2016-11-02 03:15:00			0.4550	0.1077	0.0004	0.0000	0.0000
2016-11-02 03:30:00	3.9749	39.0762	0.1553			0.0000	
2016-11-02 03:30:00 2016-11-02 03:45:00	4.3208	39.0762	0.1688	0.0161	0.0001	0.0000	0.0000
2016-11-02 03:30:00							

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-02 04:30:00	1.4492	39.0762	0.0566	0.2300	0.0003	0.0000	0.0000
2016-11-02 04:45:00	1.2892	39.0762	0.0504	0.2300	0.0003	0.0000	0.0000
2016-11-02 05:00:00	2.0940	39.0762	0.0818	0.2300	0.0005	0.0000	0.0000
2016-11-02 05:15:00	2.5711	39.0762	0.1005	0.2169	0.0006	0.0000	0.0000
2016-11-02 05:30:00	2.2681	39.0762	0.0886	0.2293	0.0005	0.0000	0.0000
2016-11-02 05:45:00	1.5353	39.0762	0.0600	0.2293	0.0004	0.0000	0.0000
2016-11-02 06:00:00	1.4110	39.0762	0.0551	0.2660	0.0004	0.0000	0.0000
2016-11-02 06:15:00	1.7205	39.0762	0.0672	0.3066	0.0005	0.0000	0.0000
2016-11-02 06:30:00	3.3473	39.0762	0.1308	0.3056	0.0010	0.0000	0.0000
2016-11-02 06:45:00	2.2404	39.0762	0.0875	0.3009	0.0007	0.0000	0.0000
2016-11-02 07:00:00	1.0008	39.0762	0.0391	0.3488	0.0003	0.0000	0.0000
2016-11-02 07:15:00	2.6920	39.0762	0.1052	0.3827	0.0010	0.0000	0.0000
2016-11-02 07:30:00	2.5707	39.0762	0.1005	0.4573	0.0012	0.0000	0.0000
2016-11-02 07:45:00	1.6047	39.0762	0.0627	0.4263	0.0007	0.0000	0.0000
2016-11-02 08:00:00	0.6488	39.0762	0.0254	0.3583	0.0002	0.0000	0.0000
2016-11-02 08:15:00	0.2723	39.0762	0.0106	0.3378	0.0001	0.0000	0.0000
2016-11-02 08:30:00	1.2273	39.0762	0.0480	0.3378	0.0004	0.0000	0.0000
2016-11-02 08:45:00 2016-11-02 09:00:00	1.8340	39.0762 39.0762	0.0717 0.1017	0.3378	0.0006	0.0000 0.0000	0.0000 0.0000
2016-11-02 09:00:00	2.6020			0.3378	0.0009		
2016-11-02 09:15:00 2016-11-02 09:30:00	2.1644	39.0762 39.0762	0.0846 0.0984	0.3297 0.1990	0.0007 0.0005	0.0000 0.0000	0.0000 0.0000
2016-11-02 09:30:00	2.5184 2.7485	39.0762 39.0762	0.0984	0.1990 0.1095	0.0005	0.0000	0.0000
2016-11-02 09:45:00	1.8773	39.0762	0.1074	0.1095	0.0003	0.0000	0.0000
2016-11-02 10:00:00	3.0956	39.0762	0.0734	0.1693	0.0003	0.0000	0.0000
2016-11-02 10:13:00	2.7023	39.0762	0.1210	0.0712	0.0002	0.0000	0.0000
2016-11-02 10:45:00	1.9439	39.0762	0.0760	0.1218	0.0002	0.0000	0.0000
2016-11-02 11:00:00	2.4015	39.0762	0.0938	0.0383	0.0001	0.0000	0.0000
2016-11-02 11:15:00	2.0316	39.0762	0.0794	0.0895	0.0002	0.0000	0.0000
2016-11-02 11:30:00	2.4034	39.0762	0.0939	0.0935	0.0002	0.0000	0.0000
2016-11-02 11:45:00	1.6882	39.0762	0.0660	0.1335	0.0002	0.0000	0.0000
2016-11-02 12:00:00	2.5945	39.0762	0.1014	0.1447	0.0004	0.0000	0.0000
2016-11-02 12:15:00	2.1594	39.0762	0.0844	0.0961	0.0002	0.0000	0.0000
2016-11-02 12:30:00	2.0407	39.0762	0.0797	0.0494	0.0001	0.0000	0.0000
2016-11-02 12:45:00	2.8700	39.0762	0.1121	0.0716	0.0002	0.0000	0.0000
2016-11-02 13:00:00	2.7812	39.0762	0.1087	0.1001	0.0003	0.0000	0.0000
2016-11-02 13:15:00	2.1104	39.0762	0.0825	0.1640	0.0003	0.0000	0.0000
2016-11-02 13:30:00	1.9849	39.0762	0.0776	0.0707	0.0001	0.0000	0.0000
2016-11-02 13:45:00	2.0063	39.0762	0.0784	0.0707	0.0001	0.0000	0.0000
2016-11-02 14:00:00	2.3682	39.0762	0.0925	0.2050	0.0005	0.0000	0.0000
2016-11-02 14:15:00	3.7954	39.0762	0.1483	0.3983	0.0015	0.0000	0.0000
2016-11-02 14:30:00	3.9174	39.0762	0.1531	0.3983	0.0016	0.0000	0.0000
2016-11-02 14:45:00	2.8774	39.0762	0.1124	0.3983	0.0011	0.0000	0.0000
2016-11-02 15:00:00	3.8464	39.0762	0.1503	5.7268	0.0220	0.0000	0.0000
2016-11-02 15:15:00	3.8140	39.0762	0.1490	7.6616	0.0292	0.0000	0.0000
2016-11-02 15:30:00	3.5703	39.0762	0.1395	7.3579	0.0263	0.0000	0.0000
2016-11-02 15:45:00	2.8533	39.0762	0.1115	7.3238	0.0209	0.0000	0.0000
2016-11-02 16:00:00	2.8442	39.0762	0.1111	5.5471	0.0158	0.0000	0.0000
2016-11-02 16:15:00	3.5839	39.0762	0.1400	3.0288	0.0109	0.0000	0.0000
2016-11-02 16:30:00	4.4318	39.0762	0.1732	0.9720	0.0043	0.0000	0.0000
2016-11-02 16:45:00	3.7473	39.0762	0.1464	1.6115	0.0060	0.0000	0.0000
2016-11-02 17:00:00	3.9697	39.0762	0.1551	7.2360	0.0287	0.0000	0.0000
2016-11-02 17:15:00	3.0962	39.0762	0.1210	0.9631	0.0030	0.0000	0.0000
2016-11-02 17:30:00	3.7970	39.0762	0.1484	0.1499	0.0006	0.0000	0.0000
2016-11-02 17:45:00	2.9727	39.0762	0.1162	0.9968	0.0030	0.0000	0.0000
2016-11-02 18:00:00	3.4412	39.0762	0.1345	0.2072	0.0007	0.0000	0.0000
2016-11-02 18:15:00	2.0298	39.0762	0.0793	0.1611	0.0003	0.0000	0.0000
2016-11-02 18:30:00	1.6914	39.0762	0.0661	0.1435	0.0002	0.0000	0.0000
2016-11-02 18:45:00	1.5029	39.0762	0.0587	0.2609	0.0004	0.0000	0.0000
2016-11-02 19:00:00	3.3999	39.0762	0.1329	0.1825	0.0006	0.0000	0.0000
2016-11-02 19:15:00	3.0085	39.0762	0.1176	0.2702	0.0008	0.0000	0.0000
2016-11-02 19:30:00	3.9455	39.0762	0.1542	0.2289	0.0009	0.0000	0.0000
2016-11-02 19:45:00	1.6375	39.0762	0.0640	0.2932	0.0005	0.0000	0.0000
2016-11-02 20:00:00	1.9701	39.0762	0.0770	0.2871	0.0006	0.0000	0.0000
2016-11-02 20:15:00	1.7417	39.0762	0.0681	0.2465	0.0004	0.0000	0.0000
2016-11-02 20:30:00	0.8844	39.0762	0.0346	0.2465	0.0002	0.0000	0.0000
2016-11-02 20:45:00	1.1740	39.0762	0.0459	0.2465	0.0003	0.0000	0.0000
2016-11-02 21:00:00	1.1535	39.0762	0.0451	0.2181	0.0003	0.0000	0.0000
2016-11-02 21:15:00	1.6729	39.0762	0.0654	0.2481	0.0004	0.0000	0.0000
2016-11-02 21:30:00	1.9130	39.0762	0.0748	0.2375	0.0005	0.0000	0.0000
2016-11-02 21:45:00	2.2731	39.0762	0.0888	0.2366	0.0005	0.0000	0.0000
2016-11-02 22:00:00	2.1185	39.0762	0.0828	0.2428	0.0005	0.0000	0.0000
2016-11-02 22:15:00	3.6859	39.0762	0.1440	0.1306	0.0005	0.0000	0.0000
2016-11-02 22:30:00	2.4313	39.0762	0.0950	0.2434	0.0006	0.0000	0.0000
2016-11-02 22:45:00	4.0405	39.0762	0.1579	0.1850	0.0007	0.0000	0.0000
2016-11-02 23:00:00	3.5555	39.0762	0.1389	0.0845	0.0003	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-02 23:15:00	4.5426	39.0762	0.1775	0.1773	0.0008	0.0000	0.0000
2016-11-02 23:30:00	4.9719	39.0762	0.1943	0.0735	0.0004	0.0000	0.0000
2016-11-02 23:45:00	3.7800	39.0762	0.1477	0.2215	0.0008	0.0000	0.0000
2016-11-03 00:00:00	3.2066	39.0762	0.1253	0.1614	0.0005	0.0000	0.0000
2016-11-03 00:15:00	2.6980	39.0762	0.1054	0.3225	0.0009	0.0000	0.0000
2016-11-03 00:30:00	2.3291	39.0762	0.0910	0.2774	0.0006	0.0000	0.0000
2016-11-03 00:45:00	4.4979	39.0762	0.1758 0.1479	0.1642 0.1804	0.0007	0.0000	0.0000
2016-11-03 01:00:00 2016-11-03 01:15:00	3.7851	39.0762 39.0762	0.1479	0.1804	0.0007 0.0006	0.0000 0.0000	0.0000
2016-11-03 01:15:00	2.6155	39.0762		0.2308	0.0008	0.0000	0.0000
2016-11-03 01:30:00	4.4858	39.0762	0.1753 0.1718	0.1758	0.0008	0.0000	0.0000
2016-11-03 01:45:00	4.3969	39.0762	0.1718	0.1022	0.0010	0.0000	0.0000
2016-11-03 02:00:00	4.7216 3.8377	39.0762	0.1500	0.2143	0.0010	0.0000	0.0000
2016-11-03 02:15:00	3.4690	39.0762	0.1356	0.1327	0.0006	0.0000	0.0000
2016-11-03 02:45:00	2.7455	39.0762	0.1330	0.2124	0.0007	0.0000	0.0000
2016-11-03 02:43:00	2.4491	39.0762	0.1073	0.2270	0.0004	0.0000	0.0000
2016-11-03 03:00:00	2.8517	39.0762	0.0937	0.2270	0.0006	0.0000	0.0000
2016-11-03 03:30:00	2.2633	39.0762	0.0884	0.1887	0.0003	0.0000	0.0000
2016-11-03 03:45:00	2.8406	39.0762	0.1110	0.1987	0.0004	0.0000	0.0000
2016-11-03 04:00:00	2.7099	39.0762	0.1110	0.1987	0.0003	0.0000	0.0000
2016-11-03 04:00:00	1.8562	39.0762	0.1039	0.1043	0.0003	0.0000	0.0000
2016-11-03 04:15:00	1.6688	39.0762	0.0723	0.1909	0.0004	0.0000	0.0000
2016-11-03 04:45:00	0.8417	39.0762	0.032	0.1909	0.0003	0.0000	0.0000
2016-11-03 05:00:00	0.4430	39.0762	0.0173	0.1909	0.0002	0.0000	0.0000
2016-11-03 05:15:00	0.0187	39.0762	0.0007	0.1909	0.0001	0.0000	0.0000
2016-11-03 05:30:00	0.0377	39.0762	0.0015	0.1909	0.0000	0.0000	0.0000
2016-11-03 05:45:00	0.2391	39.0762	0.0093	0.1909	0.0000	0.0000	0.0000
2016-11-03 06:00:00	0.3878	39.0762	0.0152	0.1909	0.0001	0.0000	0.0000
2016-11-03 06:15:00	0.7375	39.0762	0.0288	0.2411	0.0002	0.0000	0.0000
2016-11-03 06:30:00	2.3702	39.0762	0.0926	0.2380	0.0006	0.0000	0.0000
2016-11-03 06:45:00	0.6008	39.0762	0.0235	0.3043	0.0002	0.0000	0.0000
2016-11-03 07:00:00	1.9970	39.0762	0.0780	0.3031	0.0006	0.0000	0.0000
2016-11-03 07:15:00	2.1455	39.0762	0.0838	0.3297	0.0007	0.0000	0.0000
2016-11-03 07:30:00	1.2002	39.0762	0.0469	0.2870	0.0003	0.0000	0.0000
2016-11-03 07:45:00	1.3830	39.0762	0.0540	0.2999	0.0004	0.0000	0.0000
2016-11-03 08:00:00	1.8095	39.0762	0.0707	0.3566	0.0006	0.0000	0.0000
2016-11-03 08:15:00	1.4328	39.0762	0.0560	0.3995	0.0006	0.0000	0.0000
2016-11-03 08:30:00	0.5565	39.0762	0.0217	0.3996	0.0002	0.0000	0.0000
2016-11-03 08:45:00	0.7206	39.0762	0.0282	0.3996	0.0003	0.0000	0.0000
2016-11-03 09:00:00	1.1720	39.0762	0.0458	0.3996	0.0005	0.0000	0.0000
2016-11-03 09:15:00	1.3968	39.0762	0.0546	0.3996	0.0006	0.0000	0.0000
2016-11-03 09:30:00	1.2960	39.0762	0.0506	0.3996	0.0005	0.0000	0.0000
2016-11-03 09:45:00	1.2141	39.0762	0.0474	0.3934	0.0005	0.0000	0.0000
2016-11-03 10:00:00	0.7127	39.0762	0.0279	0.4037	0.0003	0.0000	0.0000
2016-11-03 10:15:00	0.8110	39.0762	0.0317	0.4037	0.0003	0.0000	0.0000
2016-11-03 10:30:00	0.2853	39.0762	0.0111	0.4037	0.0001	0.0000	0.0000
2016-11-03 10:45:00	0.2326	39.0762	0.0091	0.4037	0.0001	0.0000	0.0000
2016-11-03 11:00:00	0.4167	39.0762	0.0163	0.4037	0.0002	0.0000	0.0000
2016-11-03 11:15:00	0.0838	39.0762	0.0033	0.4037	0.0000	0.0000	0.0000
2016-11-03 11:30:00	0.0209	39.0762	0.0008	0.4037	0.0000	0.0000	0.0000
2016-11-03 11:45:00	0.1819	39.0762	0.0071	0.4037	0.0001	0.0000	0.0000
2016-11-03 12:00:00	0.3508	39.0762	0.0137	0.4037	0.0001	0.0000	0.0000
2016-11-03 12:15:00	0.2926	39.0762	0.0114	0.3602	0.0001	0.0000	0.0000
2016-11-03 12:30:00	0.8550	39.0762	0.0334	0.2911	0.0002	0.0000	0.0000
2016-11-03 12:45:00	2.1109	39.0762	0.0825	0.2911	0.0006	0.0000	0.0000
2016-11-03 13:00:00	3.8243	39.0762	0.1494	0.2911	0.0011	0.0000	0.0000
2016-11-03 13:15:00	4.2185	39.0762	0.1648	0.2911	0.0012	0.0000	0.0000
2016-11-03 13:30:00	2.4433	39.0762	0.0955	0.2680	0.0007	0.0000	0.0000
2016-11-03 13:45:00	2.4463	39.0762	0.0956	0.2124	0.0005	0.0000	0.0000
2016-11-03 14:00:00	2.8325	39.0762	0.1107	0.1973	0.0006	0.0000	0.0000
2016-11-03 14:15:00	3.2693	39.0762	0.1278	0.2644	0.0009	0.0000	0.0000
2016-11-03 14:30:00	3.0868	39.0762	0.1206	0.2500	0.0008	0.0000	0.0000
2016-11-03 14:45:00	3.0882	39.0762	0.1207	0.2361	0.0007	0.0000	0.0000
2016-11-03 15:00:00	3.1555	39.0762	0.1233	0.1047	0.0003	0.0000	0.0000
2016-11-03 15:15:00	4.1864	39.0762	0.1636	0.0941	0.0004	0.0000	0.0000
2016-11-03 15:30:00	4.1492	39.0762	0.1621	0.0941	0.0004	0.0000	0.0000
2016-11-03 15:45:00	4.9039	39.0762	0.1916	0.0941	0.0005	0.0000	0.0000
2016-11-03 16:00:00	4.7394	39.0762	0.1852	0.0941	0.0004	0.0000	0.0000
		39.0762	0.1749	0.0941	0.0004	0.0000	0.0000
2016-11-03 16:15:00	4.4757						
2016-11-03 16:15:00 2016-11-03 16:30:00	2.9696	39.0762	0.1160	0.0941	0.0003	0.0000	0.0000
2016-11-03 16:15:00 2016-11-03 16:30:00 2016-11-03 16:45:00	2.9696 2.0256	39.0762 39.0762	0.0792	0.0941	0.0002	0.0000	0.0000
2016-11-03 16:15:00 2016-11-03 16:30:00 2016-11-03 16:45:00 2016-11-03 17:00:00	2.9696 2.0256 2.5382	39.0762 39.0762 39.0762	0.0792 0.0992	0.0941 0.0941	0.0002 0.0002	0.0000 0.0000	0.0000 0.0000
2016-11-03 16:15:00 2016-11-03 16:30:00 2016-11-03 16:45:00 2016-11-03 17:00:00 2016-11-03 17:15:00	2.9696 2.0256 2.5382 2.1740	39.0762 39.0762 39.0762 39.0762	0.0792 0.0992 0.0850	0.0941 0.0941 0.1118	0.0002 0.0002 0.0002	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000
2016-11-03 16:15:00 2016-11-03 16:30:00 2016-11-03 16:45:00 2016-11-03 17:00:00	2.9696 2.0256 2.5382	39.0762 39.0762 39.0762	0.0792 0.0992	0.0941 0.0941	0.0002 0.0002	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-03 18:00:00	2.9437	39.0762	0.1150	0.0754	0.0002	0.0000	0.0000
2016-11-03 18:15:00	4.0364	39.0762	0.1577	0.0087	0.0000	0.0000	0.0000
2016-11-03 18:30:00	4.5752	39.0762	0.1788	0.0631	0.0003	0.0000	0.0000
2016-11-03 18:45:00	4.5850	39.0762	0.1792	0.0298	0.0001	0.0000	0.0000
2016-11-03 19:00:00	4.0679	39.0762	0.1590	0.1244	0.0005	0.0000	0.0000
2016-11-03 19:15:00	4.4048	39.0762	0.1721	0.1630	0.0007	0.0000	0.0000
2016-11-03 19:30:00	3.0934	39.0762	0.1209	0.1210	0.0004	0.0000	0.0000
2016-11-03 19:45:00	1.2813	39.0762	0.0501	0.2043	0.0003	0.0000	0.0000
2016-11-03 20:00:00	1.7543	39.0762	0.0686	0.2381	0.0004	0.0000	0.0000
2016-11-03 20:15:00	2.0943	39.0762	0.0818	0.1968	0.0004	0.0000	0.0000
2016-11-03 20:30:00	2.0778	39.0762	0.0812	0.1876	0.0004	0.0000	0.0000
2016-11-03 20:45:00	1.2095	39.0762	0.0473	0.2865	0.0003	0.0000	0.0000
2016-11-03 21:00:00	1.8562	39.0762	0.0725	0.1456	0.0003	0.0000	0.0000
2016-11-03 21:15:00	1.1700	39.0762	0.0457	0.2234 0.2273	0.0003 0.0003	0.0000 0.0000	0.0000 0.0000
2016-11-03 21:30:00	1.1532	39.0762	0.0451				
2016-11-03 21:45:00	1.3613	39.0762	0.0532	0.2273	0.0003	0.0000	0.0000
2016-11-03 22:00:00	1.1510	39.0762	0.0450	0.2317	0.0003	0.0000	0.0000
2016-11-03 22:15:00 2016-11-03 22:30:00	1.9322	39.0762 39.0762	0.0755 0.0994	0.1805	0.0003	0.0000 0.0000	0.0000 0.0000
	2.5446	39.0762 39.0762		0.1798 0.1400	0.0005 0.0005	0.0000	0.0000
2016-11-03 22:45:00	3.5681		0.1394	0.1400	0.0003	0.0000	0.0000
2016-11-03 23:00:00 2016-11-03 23:15:00	3.9131 3.1863	39.0762 39.0762	0.1529 0.1245	0.0690	0.0003	0.0000	0.0000
2016-11-03 23:30:00	2.1114	39.0762	0.1245	0.2214	0.0007	0.0000	0.0000
2016-11-03 23:45:00	2.1114	39.0762	0.0823	0.2416	0.0003	0.0000	0.0000
2016-11-03 23:43:00	1.7048	39.0762	0.0666	0.3148	0.0007	0.0000	0.0000
2016-11-04 00:15:00	1.2016	39.0762	0.0470	0.2073	0.0003	0.0000	0.0000
2016-11-04 00:30:00	2.3400	39.0762	0.0914	0.1841	0.0004	0.0000	0.0000
2016-11-04 00:45:00	3.2877	39.0762	0.1285	0.1261	0.0004	0.0000	0.0000
2016-11-04 01:00:00	2.7049	39.0762	0.1057	0.2221	0.0004	0.0000	0.0000
2016-11-04 01:15:00	1.7922	39.0762	0.0700	0.2197	0.0004	0.0000	0.0000
2016-11-04 01:30:00	2.0001	39.0762	0.0782	0.2197	0.0004	0.0000	0.0000
2016-11-04 01:45:00	0.3441	39.0762	0.0134	0.2197	0.0001	0.0000	0.0000
2016-11-04 02:00:00	2.0977	39.0762	0.0820	0.1857	0.0004	0.0000	0.0000
2016-11-04 02:15:00	1.4597	39.0762	0.0570	0.1680	0.0002	0.0000	0.0000
2016-11-04 02:30:00	1.1467	39.0762	0.0448	0.1717	0.0002	0.0000	0.0000
2016-11-04 02:45:00	0.6855	39.0762	0.0268	0.1717	0.0001	0.0000	0.0000
2016-11-04 03:00:00	0.1415	39.0762	0.0055	0.1717	0.0000	0.0000	0.0000
2016-11-04 03:15:00	0.0206	39.0762	0.0008	0.1717	0.0000	0.0000	0.0000
2016-11-04 03:30:00	0.3499	39.0762	0.0137	0.2063	0.0001	0.0000	0.0000
2016-11-04 03:45:00	0.3358	39.0762	0.0131	0.1717	0.0001	0.0000	0.0000
2016-11-04 04:00:00	0.0000	39.0762	0.0000	0.1832	0.0000	0.0000	0.0000
2016-11-04 04:15:00	0.0000	39.0762	0.0000	0.2870	0.0000	0.0000	0.0000
2016-11-04 04:30:00	0.0180	39.0762	0.0007	0.2870	0.0000	0.0000	0.0000
2016-11-04 04:45:00	0.1991	39.0762	0.0078	0.3144	0.0001	0.0000	0.0000
2016-11-04 05:00:00	0.0184	39.0762	0.0007	0.2884	0.0000	0.0000	0.0000
2016-11-04 05:15:00	0.0000	39.0762	0.0000	0.2884	0.0000	0.0000	0.0000
2016-11-04 05:30:00	0.0000	39.0762	0.0000	0.2884	0.0000	0.0000	0.0000
2016-11-04 05:45:00	0.0000	39.0762	0.0000	0.2884	0.0000	0.0000	0.0000
2016-11-04 06:00:00	0.0000	39.0762	0.0000	0.2884	0.0000	0.0000	0.0000
2016-11-04 06:15:00	0.0000	39.0762	0.0000	0.2884	0.0000	0.0000	0.0000
2016-11-04 06:30:00	0.0000	39.0762	0.0000	0.3461	0.0000	0.0000	0.0000
2016-11-04 06:45:00	0.0000	39.0762	0.0000	0.4051	0.0000	0.0000	0.0000
2016-11-04 07:00:00	0.0000	39.0762	0.0000	0.4051	0.0000	0.0000	0.0000
2016-11-04 07:15:00	0.0000	39.0762	0.0000	0.4983	0.0000	0.0000	0.0000
2016-11-04 07:30:00	0.0000	39.0762	0.0000	0.4227	0.0000	0.0000	0.0000
2016-11-04 07:45:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 08:00:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 08:15:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 08:30:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 08:45:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 09:00:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 09:15:00	0.0181	39.0762	0.0007	0.4044	0.0000	0.0000	0.0000
2016-11-04 09:30:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 09:45:00	0.0370	39.0762	0.0014	0.4044	0.0000	0.0000	0.0000
2016-11-04 10:00:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 10:15:00	0.0369	39.0762	0.0014	0.4044	0.0000	0.0000	0.0000
2016-11-04 10:30:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 10:45:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 11:00:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 11:15:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 11:30:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 11:45:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 12:00:00	0.0000	39.0762	0.0000	0.4044	0.0000	0.0000	0.0000
2016-11-04 12:15:00	0.2859	39.0762	0.0112	0.4044	0.0001	0.0000	0.0000
2016-11-04 12:30:00	0.5652	39.0762	0.0221	0.4044	0.0002	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric					
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-11-04 12:45:00	0.3921	39.0762	0.0153	0.4044	0.0002	0.0000	0.0000	
2016-11-04 13:00:00	0.3781	39.0762	0.0148	0.4044	0.0002	0.0000	0.0000	
2016-11-04 13:15:00 2016-11-04 13:30:00	0.4092	39.0762	0.0160	0.4044	0.0002	0.0000	0.0000	
2016-11-04 13:30:00	0.4510 0.5570	39.0762 39.0762	0.0176 0.0218	0.4044 0.4044	0.0002 0.0002	0.0000 0.0000	0.0000 0.0000	
2016-11-04 13:45:00	0.3517	39.0762	0.0218	0.4044	0.0002	0.0000	0.0000	
2016-11-04 14:15:00	0.3195	39.0762	0.0137	0.1809	0.0001	0.0000	0.0000	
2016-11-04 14:13:00	0.3338	39.0762	0.0123	0.1537	0.0001	0.0000	0.0000	
2016-11-04 14:45:00	0.1257	39.0762	0.0049	0.0647	0.0000	0.0000	0.0000	
2016-11-04 15:00:00	0.2350	39.0762	0.0092	0.0384	0.0000	0.0000	0.0000	
2016-11-04 15:15:00	0.0196	39.0762	0.0008	0.0087	0.0000	0.0000	0.0000	
2016-11-04 15:30:00	0.0212	39.0762	0.0008	0.0209	0.0000	0.0000	0.0000	
2016-11-04 15:45:00	0.0000	39.0762	0.0000	0.0434	0.0000	0.0000	0.0000	
2016-11-04 16:00:00	0.0000	39.0762	0.0000	0.0352	0.0000	0.0000	0.0000	
2016-11-04 16:15:00	0.0215	39.0762	0.0008	0.0275	0.0000	0.0000	0.0000	
2016-11-04 16:30:00	0.0000	39.0762	0.0000	0.0275	0.0000	0.0000	0.0000	
2016-11-04 16:45:00	0.0897	39.0762	0.0035	0.0275	0.0000	0.0000	0.0000	
2016-11-04 17:00:00	1.7613	39.0762	0.0688	0.0275	0.0000	0.0000	0.0000	
2016-11-04 17:15:00	1.3356	39.0762	0.0522	0.0275	0.0000	0.0000	0.0000	
2016-11-04 17:30:00	0.0850	39.0762	0.0033	0.1047	0.0000	0.0000	0.0000	
2016-11-04 17:45:00	0.0578	39.0762	0.0023	0.2627	0.0000	0.0000	0.0000	
2016-11-04 18:00:00	1.3286	39.0762	0.0519	0.3398	0.0005	0.0000	0.0000	
2016-11-04 18:15:00	1.9849	39.0762	0.0776	0.2746	0.0005	0.0000	0.0000	
2016-11-04 18:30:00	1.4398	39.0762	0.0563	0.3604	0.0005	0.0000	0.0000	
2016-11-04 18:45:00	4.2752	39.0762	0.1671	0.2131	0.0009	0.0000	0.0000	
2016-11-04 19:00:00	5.1933	39.0762	0.2029	0.2665	0.0014	0.0000	0.0000	
2016-11-04 19:15:00	2.4639	39.0762	0.0963	0.2882	0.0007	0.0000	0.0000	
2016-11-04 19:30:00	3.2596	39.0762	0.1274	0.3663	0.0012	0.0000	0.0000	
2016-11-04 19:45:00	3.3799	39.0762	0.1321	0.3411	0.0012	0.0000	0.0000	
2016-11-04 20:00:00	5.7853	39.0762	0.2261	0.0738	0.0004	0.0000	0.0000	
2016-11-04 20:15:00	5.9727	39.0762	0.2334	0.1621	0.0010	0.0000	0.0000	
2016-11-04 20:30:00	2.1834	39.0762	0.0853	0.3177	0.0007	0.0000	0.0000	
2016-11-04 20:45:00	3.1450	39.0762	0.1229	0.2308	0.0007	0.0000	0.0000	
2016-11-04 21:00:00	0.5844	39.0762	0.0228	0.3516	0.0002	0.0000	0.0000	
2016-11-04 21:15:00	2.1228	39.0762	0.0830	0.3203	0.0007	0.0000	0.0000	
2016-11-04 21:30:00	0.1870	39.0762	0.0073	0.3481	0.0001	0.0000	0.0000	
2016-11-04 21:45:00	1.8587	39.0762	0.0726	0.2264	0.0004	0.0000	0.0000	
2016-11-04 22:00:00	1.1438	39.0762	0.0447	0.3298	0.0004	0.0000	0.0000	
2016-11-04 22:15:00	3.6490	39.0762	0.1426	0.2070	0.0008	0.0000	0.0000	
2016-11-04 22:30:00	2.3868	39.0762	0.0933	0.2406	0.0006	0.0000	0.0000	
2016-11-04 22:45:00	0.2888	39.0762	0.0113	0.3262	0.0001	0.0000	0.0000	
2016-11-04 23:00:00	2.2961	39.0762	0.0897	0.3262	0.0007	0.0000	0.0000	
2016-11-04 23:15:00	1.4824	39.0762	0.0579	0.3262	0.0005	0.0000	0.0000	
2016-11-04 23:30:00	0.9624	39.0762	0.0376	0.3262	0.0003	0.0000	0.0000	
2016-11-04 23:45:00	0.3818	39.0762	0.0149	0.3262	0.0001	0.0000	0.0000	
2016-11-05 00:00:00	2.7411	39.0762	0.1071	0.2567	0.0007	0.0000	0.0000	
2016-11-05 00:15:00	1.8880	39.0762	0.0738	0.2454	0.0005	0.0000	0.0000	
2016-11-05 00:30:00	5.1617	39.0762	0.2017	0.0608	0.0003	0.0000	0.0000	
2016-11-05 00:45:00	4.0367	39.0762	0.1577	0.0909	0.0004	0.0000	0.0000	
2016-11-05 01:00:00	4.1563	39.0762	0.1624	0.1367	0.0006	0.0000	0.0000	
2016-11-05 01:15:00	6.3215	39.0762	0.2470	0.2596	0.0016	0.0000	0.0000	
2016-11-05 01:30:00	6.8426	39.0762	0.2674	0.2596	0.0018	0.0000	0.0000	
2016-11-05 01:45:00	6.4119	39.0762	0.2506	0.2596	0.0017	0.0000	0.0000	
2016-11-05 02:00:00	6.9878	39.0762	0.2731	0.2596	0.0018	0.0000	0.0000	
2016-11-05 02:15:00	5.5797	39.0762	0.2180	0.2596	0.0014	0.0000	0.0000	
2016-11-05 02:30:00	5.0317	39.0762	0.1966	0.2596	0.0013	0.0000	0.0000	
2016-11-05 02:45:00	3.3355	39.0762	0.1303	0.2342	0.0008	0.0000	0.0000	
2016-11-05 03:00:00	4.4682	39.0762	0.1746	0.2811	0.0013	0.0000	0.0000	
2016-11-05 03:15:00	5.1984	39.0762	0.2031	0.2757	0.0014	0.0000	0.0000	
2016-11-05 03:30:00	5.2912	39.0762	0.2068	0.2823	0.0015	0.0000	0.0000	
2016-11-05 03:45:00	5.3048	39.0762	0.2073	0.2932	0.0016	0.0000	0.0000	
2016-11-05 04:00:00	5.7938	39.0762	0.2264	0.2932	0.0017	0.0000	0.0000	
2016-11-05 04:15:00	6.8690	39.0762	0.2684	0.2932	0.0020	0.0000	0.0000	
2016-11-05 04:30:00	7.2207	39.0762	0.2822	0.2932	0.0021	0.0000	0.0000	
2016-11-05 04:45:00	7.3759 7.5114	39.0762 39.0762	0.2882	0.2932	0.0022	0.0000	0.0000	
2016-11-05 05:00:00	7.5114	39.0762	0.2935	0.2932	0.0022	0.0000	0.0000	
2016-11-05 05:15:00	6.0636	39.0762	0.2369	0.2932	0.0018	0.0000	0.0000	
2016-11-05 05:30:00	7.1345	39.0762	0.2788	0.2932	0.0021	0.0000	0.0000	
2016-11-05 05:45:00	7.3700	39.0762	0.2880	0.2932	0.0022	0.0000	0.0000	
2016-11-05 06:00:00	7.1110	39.0762	0.2779	0.2932	0.0021	0.0000	0.0000	
2016-11-05 06:15:00	7.5112	39.0762	0.2935	0.2932	0.0022	0.0000	0.0000	
2016-11-05 06:30:00	8.0938	39.0762	0.3163	0.2932	0.0024	0.0000	0.0000	
2016-11-05 06:45:00	7.7070	39.0762	0.3012	0.2932	0.0023	0.0000	0.0000	
2016-11-05 07:00:00	7.9788	39.0762	0.3118	0.2932	0.0023	0.0000	0.0000	
2016-11-05 07:15:00	4.0691	39.0762	0.1590	0.2932	0.0012	0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-05 07:30:00	4.3443	39.0762	0.1698	0.2932	0.0013	0.0000	0.0000
2016-11-05 07:45:00	5.4165	39.0762	0.2117	0.2932	0.0016	0.0000	0.0000
2016-11-05 08:00:00	5.1928	39.0762	0.2029	0.2932	0.0015	0.0000	0.0000
2016-11-05 08:15:00	3.2856	39.0762	0.1284	0.2932	0.0010	0.0000	0.0000
2016-11-05 08:30:00	1.4714	39.0762	0.0575	0.2932	0.0004	0.0000	0.0000
2016-11-05 08:45:00	0.1490	39.0762	0.0058	0.2932	0.0000	0.0000	0.0000
2016-11-05 09:00:00	0.6482	39.0762	0.0253	0.2081	0.0001	0.0000	0.0000
2016-11-05 09:15:00	0.0983	39.0762	0.0038	0.1799	0.0000	0.0000	0.0000
2016-11-05 09:30:00	0.0000	39.0762	0.0000	0.2132	0.0000	0.0000	0.0000
2016-11-05 09:45:00	0.0823	39.0762	0.0032	0.2925	0.0000	0.0000	0.0000
2016-11-05 10:00:00	0.0761	39.0762	0.0030	0.2925	0.0000	0.0000	0.0000
2016-11-05 10:15:00	0.0000	39.0762	0.0000	0.2925	0.0000	0.0000	0.0000
2016-11-05 10:30:00	1.1088	39.0762	0.0433	0.2815	0.0003	0.0000	0.0000
2016-11-05 10:45:00	3.2946	39.0762	0.1287	0.1003	0.0003	0.0000	0.0000
2016-11-05 11:00:00	1.5171	39.0762	0.0593	0.3318	0.0005	0.0000	0.0000
2016-11-05 11:15:00	1.4434	39.0762	0.0564	0.2155	0.0003	0.0000	0.0000
2016-11-05 11:30:00	1.4821	39.0762	0.0579	0.2182	0.0003	0.0000	0.0000
2016-11-05 11:45:00 2016-11-05 12:00:00	0.7561	39.0762 39.0762	0.0295	0.1982	0.0001	0.0000 0.0000	0.0000 0.0000
2016-11-05 12:00:00	0.6635	39.0762 39.0762	0.0259	0.2785	0.0002 0.0001	0.0000	0.0000
2016-11-05 12:15:00	0.7722		0.0302 0.0394	0.1727	0.0001	0.0000	0.0000
2016-11-05 12:30:00	1.0089 0.8334	39.0762 39.0762	0.0394	0.1634 0.2394	0.0002	0.0000	0.0000
2016-11-05 12:45:00	2.0589	39.0762	0.0326	0.2394	0.0002	0.0000	0.0000
2016-11-05 13:00:00	2.0589	39.0762 39.0762	0.0805	0.1540	0.0003	0.0000	0.0000
2016-11-05 13:15:00	3.6897	39.0762	0.0999	0.1033	0.0003	0.0000	0.0000
2016-11-05 13:45:00	3.0245	39.0762	0.1182	0.0543	0.0002	0.0000	0.0000
2016-11-05 14:00:00	1.7562	39.0762	0.0686	0.0488	0.0001	0.0000	0.0000
2016-11-05 14:15:00	2.4317	39.0762	0.0950	0.0000	0.0000	0.0000	0.0000
2016-11-05 14:30:00	3.1818	39.0762	0.1243	0.8565	0.0027	0.0000	0.0000
2016-11-05 14:45:00	3.8658	39.0762	0.1511	0.5761	0.0022	0.0000	0.0000
2016-11-05 15:00:00	4.1893	39.0762	0.1637	4.4599	0.0187	0.0000	0.0000
2016-11-05 15:15:00	3.0210	39.0762	0.1180	0.0000	0.0000	0.0000	0.0000
2016-11-05 15:30:00	4.7668	39.0762	0.1863	0.0642	0.0003	0.0000	0.0000
2016-11-05 15:45:00	4.5485	39.0762	0.1777	0.1023	0.0005	0.0000	0.0000
2016-11-05 16:00:00	4.5690	39.0762	0.1785	2.8141	0.0129	0.0000	0.0000
2016-11-05 16:15:00	3.9933	39.0762	0.1560	0.5354	0.0021	0.0000	0.0000
2016-11-05 16:30:00	6.2186	39.0762	0.2430	2.1727	0.0135	0.0000	0.0000
2016-11-05 16:45:00	4.7052	39.0762	0.1839	3.2133	0.0151	0.0000	0.0000
2016-11-05 17:00:00	5.9156	39.0762	0.2312	1.0440	0.0062	0.0000	0.0000
2016-11-05 17:15:00	6.1790	39.0762	0.2415	6.0682	0.0375	0.0000	0.0000
2016-11-05 17:30:00	4.5014	39.0762	0.1759	3.6472	0.0164	0.0000	0.0000
2016-11-05 17:45:00	2.9238	39.0762	0.1143	0.0446	0.0001	0.0000	0.0000
2016-11-05 18:00:00	3.4850	39.0762	0.1362	0.0998	0.0003	0.0000	0.0000
2016-11-05 18:15:00	5.9498	39.0762	0.2325	0.0852	0.0005	0.0000	0.0000
2016-11-05 18:30:00	5.7450	39.0762	0.2245	0.0431	0.0002	0.0000	0.0000
2016-11-05 18:45:00	5.3210	39.0762	0.2079	0.1487	0.0008	0.0000	0.0000
2016-11-05 19:00:00	5.7755	39.0762	0.2257	0.1948	0.0011	0.0000	0.0000
2016-11-05 19:15:00	5.1884	39.0762	0.2027	0.1732	0.0009	0.0000	0.0000
2016-11-05 19:30:00	4.8752	39.0762	0.1905	0.2115	0.0010	0.0000	0.0000
2016-11-05 19:45:00	3.8648	39.0762	0.1510	0.3151	0.0012	0.0000	0.0000
2016-11-05 20:00:00	3.3504	39.0762	0.1309	0.3953	0.0013	0.0000	0.0000
2016-11-05 20:15:00	0.5491	39.0762	0.0215	0.3577	0.0002	0.0000	0.0000
2016-11-05 20:30:00	0.8713	39.0762	0.0340	0.3577	0.0003	0.0000	0.0000
2016-11-05 20:45:00	0.9925	39.0762	0.0388	0.4232	0.0004	0.0000	0.0000
2016-11-05 21:00:00	0.8077	39.0762	0.0316	0.4642	0.0004	0.0000	0.0000
2016-11-05 21:15:00	0.4222	39.0762	0.0165	0.4786	0.0002	0.0000	0.0000
2016-11-05 21:30:00	0.0000	39.0762	0.0000	0.4786	0.0000	0.0000	0.0000
2016-11-05 21:45:00	0.0000	39.0762	0.0000	0.4786	0.0000	0.0000	0.0000
2016-11-05 22:00:00	0.0193	39.0762	0.0008	0.4786	0.0000	0.0000	0.0000
2016-11-05 22:15:00	0.0392	39.0762	0.0015	0.4786	0.0000	0.0000	0.0000
2016-11-05 22:30:00	0.0000	39.0762	0.0000	0.4249	0.0000	0.0000	0.0000
2016-11-05 22:45:00	1.6106	39.0762	0.0629	0.1677	0.0003	0.0000	0.0000
2016-11-05 23:00:00	4.2377	39.0762	0.1656	0.1442	0.0006	0.0000	0.0000
2016-11-05 23:15:00	3.1790	39.0762	0.1242	0.1629	0.0005	0.0000	0.0000
2016-11-05 23:30:00	2.5118	39.0762	0.0982	0.2227	0.0006	0.0000	0.0000
2016-11-05 23:45:00	2.0015	39.0762	0.0782	0.2300	0.0005	0.0000	0.0000
2016-11-06 00:00:00	2.3908	39.0762	0.0934	0.2300	0.0005	0.0000	0.0000
2016-11-06 00:15:00	2.9487	39.0762	0.1152	0.2300	0.0007	0.0000	0.0000
2016-11-06 00:30:00	1.4430	39.0762	0.0564	0.2300	0.0003	0.0000	0.0000
2016-11-06 00:45:00	4.0207	39.0762	0.1571	0.2300	0.0009	0.0000	0.0000
2016-11-06 01:00:00	5.3100	39.0762	0.2075	0.2300	0.0012	0.0000	0.0000
2016-11-06 01:15:00	4.7547	39.0762	0.1858	0.2300	0.0011	0.0000	0.0000
2016-11-06 01:30:00	2.7860	39.0762	0.1089	0.2300	0.0006	0.0000	0.0000
2016-11-06 01:45:00	4.3866	39.0762	0.1714	0.2300	0.0010	0.0000	0.0000
2016-11-06 02:00:00	4.7693	39.0762	0.1864	0.2300	0.0011	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-06 02:15:00	4.1158	39.0762	0.1608	0.2300	0.0009	0.0000	0.0000
2016-11-06 02:30:00	3.2540	39.0762	0.1272	0.2300	0.0007	0.0000	0.0000
2016-11-06 02:45:00	3.2435	39.0762	0.1267	0.2300	0.0007	0.0000	0.0000
2016-11-06 03:00:00	2.9754	39.0762	0.1163	0.2300	0.0007	0.0000	0.0000
2016-11-06 03:15:00	3.5476	39.0762	0.1386	0.2300	0.0008	0.0000	0.0000
2016-11-06 03:30:00	3.7835	39.0762	0.1478	0.2300	0.0009	0.0000	0.0000
2016-11-06 03:45:00	0.7285	39.0762	0.0285	0.2300	0.0002	0.0000	0.0000
2016-11-06 04:00:00	3.1805	39.0762	0.1243	0.2300	0.0007	0.0000	0.0000
2016-11-06 04:15:00	2.9146	39.0762	0.1139	0.2300	0.0007	0.0000	0.0000
2016-11-06 04:30:00	3.2586	39.0762	0.1273	0.2300	0.0007	0.0000	0.0000
2016-11-06 04:45:00	3.5432	39.0762	0.1385	0.2300	0.0008	0.0000	0.0000
2016-11-06 05:00:00	2.0741	39.0762	0.0810	0.2300	0.0005	0.0000	0.0000
2016-11-06 05:15:00	1.2596	39.0762	0.0492	0.2300	0.0003	0.0000	0.0000
2016-11-06 05:30:00	1.1816	39.0762	0.0462	0.2300	0.0003	0.0000	0.0000
2016-11-06 05:45:00	1.0724	39.0762	0.0419	0.2300	0.0002	0.0000	0.0000
2016-11-06 06:00:00	0.3171	39.0762	0.0124	0.2300	0.0001	0.0000	0.0000
2016-11-06 06:15:00	0.1006	39.0762	0.0039	0.2300	0.0000	0.0000	0.0000
2016-11-06 06:30:00	0.0179	39.0762	0.0007	0.2300	0.0000	0.0000	0.0000
2016-11-06 06:45:00	0.1394	39.0762	0.0054	0.2300	0.0000	0.0000	0.0000
2016-11-06 07:00:00 2016-11-06 07:15:00	0.5345	39.0762	0.0209	0.2300	0.0001	0.0000	0.0000
	2.2380	39.0762	0.0875	0.2300	0.0005	0.0000 0.0000	0.0000
2016-11-06 07:30:00	3.2882	39.0762	0.1285	0.2300 0.2300	0.0008	0.0000	0.0000
2016-11-06 07:45:00 2016-11-06 08:00:00	4.5020 4.5571	39.0762 39.0762	0.1759		0.0010 0.0010	0.0000	0.0000
2016-11-06 08:00:00	4.5571 2.5380	39.0762 39.0762	0.1781 0.0992	0.2300 0.2300	0.0010	0.0000	0.0000
2016-11-06 08:15:00 2016-11-06 08:30:00	2.5380	39.0762 39.0762	0.0992	0.2300	0.0006	0.0000	0.0000
2016-11-06 08:45:00	0.9413	39.0762	0.0368	0.2300	0.0008	0.0000	0.0000
2016-11-06 09:00:00	1.2162	39.0762	0.0475	0.2300	0.0002	0.0000	0.0000
2016-11-06 09:15:00	2.2206	39.0762	0.0473	0.2300	0.0005	0.0000	0.0000
2016-11-06 09:30:00	1.0687	39.0762	0.0418	0.2709	0.0003	0.0000	0.0000
2016-11-06 09:45:00	0.2759	39.0762	0.0108	0.3461	0.0003	0.0000	0.0000
2016-11-06 10:00:00	0.0685	39.0762	0.0108	0.3461	0.0001	0.0000	0.0000
2016-11-06 10:15:00	0.0000	39.0762	0.0000	0.3461	0.0000	0.0000	0.0000
2016-11-06 10:13:00	0.0000	39.0762	0.0000	0.3461	0.0000	0.0000	0.0000
2016-11-06 10:45:00	0.0000	39.0762	0.0000	0.3461	0.0000	0.0000	0.0000
2016-11-06 11:00:00	0.0000	39.0762	0.0000	0.3461	0.0000	0.0000	0.0000
2016-11-06 11:15:00	0.0000	39.0762	0.0000	0.3461	0.0000	0.0000	0.0000
2016-11-06 11:30:00	0.0000	39.0762	0.0000	0.3461	0.0000	0.0000	0.0000
2016-11-06 11:45:00	0.0000	39.0762	0.0000	0.3461	0.0000	0.0000	0.0000
2016-11-06 12:00:00	0.0000	39.0762	0.0000	0.3461	0.0000	0.0000	0.0000
2016-11-06 12:15:00	0.0000	39.0762	0.0000	0.3150	0.0000	0.0000	0.0000
2016-11-06 12:30:00	0.0000	39.0762	0.0000	0.2328	0.0000	0.0000	0.0000
2016-11-06 12:45:00	0.0000	39.0762	0.0000	0.2328	0.0000	0.0000	0.0000
2016-11-06 13:00:00	0.4868	39.0762	0.0190	0.2328	0.0001	0.0000	0.0000
2016-11-06 13:15:00	1.1097	39.0762	0.0434	0.2328	0.0003	0.0000	0.0000
2016-11-06 13:30:00	1.8426	39.0762	0.0720	0.3004	0.0006	0.0000	0.0000
2016-11-06 13:45:00	1.8926	39.0762	0.0740	0.3461	0.0007	0.0000	0.0000
2016-11-06 14:00:00	0.4726	39.0762	0.0185	0.2809	0.0001	0.0000	0.0000
2016-11-06 14:15:00	0.1384	39.0762	0.0054	0.3259	0.0000	0.0000	0.0000
2016-11-06 14:30:00	0.0568	39.0762	0.0022	0.3024	0.0000	0.0000	0.0000
2016-11-06 14:45:00	0.4050	39.0762	0.0158	0.3884	0.0002	0.0000	0.0000
2016-11-06 15:00:00	0.9515	39.0762	0.0372	0.3275	0.0003	0.0000	0.0000
2016-11-06 15:15:00	0.4627	39.0762	0.0181	0.3275	0.0002	0.0000	0.0000
2016-11-06 15:30:00	0.0000	39.0762	0.0000	0.3275	0.0000	0.0000	0.0000
2016-11-06 15:45:00	0.4697	39.0762	0.0184	0.3275	0.0002	0.0000	0.0000
2016-11-06 16:00:00	0.9680	39.0762	0.0378	0.2389	0.0002	0.0000	0.0000
2016-11-06 16:15:00	0.4990	39.0762	0.0195	0.0921	0.0000	0.0000	0.0000
2016-11-06 16:30:00	4.2284	39.0762	0.1652	0.0103	0.0000	0.0000	0.0000
2016-11-06 16:45:00	3.5585	39.0762	0.1391	0.1849	0.0007	0.0000	0.0000
2016-11-06 17:00:00	2.8407	39.0762	0.1110	0.2362	0.0007	0.0000	0.0000
2016-11-06 17:15:00	1.8320	39.0762	0.0716	0.2195	0.0004	0.0000	0.0000
2016-11-06 17:30:00	0.6948	39.0762	0.0272	0.3845	0.0003	0.0000	0.0000
2016-11-06 17:45:00	0.3972	39.0762	0.0155	0.3845	0.0002	0.0000	0.0000
2016-11-06 18:00:00	0.0383	39.0762	0.0015	0.3845	0.0000	0.0000	0.0000
2016-11-06 18:15:00	0.4406	39.0762	0.0172	0.3845	0.0002	0.0000	0.0000
2016-11-06 18:30:00	2.1179	39.0762	0.0828	0.3274	0.0007	0.0000	0.0000
2016-11-06 18:45:00	3.8797	39.0762	0.1516	0.2513	0.0010	0.0000	0.0000
2016-11-06 19:00:00	3.6418	39.0762	0.1423	0.2196	0.0008	0.0000	0.0000
2016-11-06 19:15:00	3.3993	39.0762	0.1328	0.3440	0.0012	0.0000	0.0000
2016-11-06 19:30:00	3.8855	39.0762	0.1518	0.3440	0.0013	0.0000	0.0000
2016-11-06 19:45:00	4.0807	39.0762	0.1595	0.3440	0.0014	0.0000	0.0000
2016-11-06 20:00:00	5.1959	39.0762	0.2030	0.3094	0.0016	0.0000	0.0000
2016-11-06 20:15:00	2.4629	39.0762	0.0962	0.3220	0.0008	0.0000	0.0000
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2016-11-06 20:30:00	1.0588	39.0762	0.0414	0.3220	0.0003	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-06 21:00:00	0.1277	39.0762	0.0050	0.3594	0.0000	0.0000	0.0000
2016-11-06 21:15:00	1.0450	39.0762	0.0408	0.3893	0.0004	0.0000	0.0000
2016-11-06 21:30:00	5.3282	39.0762	0.2082	0.3193	0.0017	0.0000	0.0000
2016-11-06 21:45:00	5.5055	39.0762	0.2151	0.3193	0.0018	0.0000	0.0000
2016-11-06 22:00:00	5.5143	39.0762	0.2155	0.2871	0.0016	0.0000	0.0000
2016-11-06 22:15:00	6.2721	39.0762	0.2451	0.2012	0.0013	0.0000	0.0000
2016-11-06 22:30:00	6.0460	39.0762	0.2363	0.2012	0.0012	0.0000	0.0000
2016-11-06 22:45:00	5.9580	39.0762	0.2328	0.2012	0.0012	0.0000	0.0000
2016-11-06 23:00:00	6.1437	39.0762	0.2401	0.2012	0.0012	0.0000	0.0000
2016-11-06 23:15:00	5.4482	39.0762	0.2129	0.2012	0.0011	0.0000	0.0000
2016-11-06 23:30:00	5.6093	39.0762	0.2192	0.2012	0.0011	0.0000	0.0000
2016-11-06 23:45:00	5.6432	39.0762	0.2205	0.2012	0.0011	0.0000	0.0000
2016-11-07 00:00:00	4.7556	39.0762	0.1858	0.2012	0.0010	0.0000	0.0000
2016-11-07 00:15:00	4.4536	39.0762	0.1740 0.1950	0.2012 0.2012	0.0009 0.0010	0.0000 0.0000	0.0000
2016-11-07 00:30:00	4.9914	39.0762					0.0000
2016-11-07 00:45:00	4.5210	39.0762	0.1767	0.2012	0.0009	0.0000	0.0000
2016-11-07 01:00:00	4.7427	39.0762	0.1853	0.2012	0.0010	0.0000	0.0000
2016-11-07 01:15:00	4.5299	39.0762 39.0762	0.1770 0.1394	0.2012 0.2012	0.0009 0.0007	0.0000 0.0000	0.0000
2016-11-07 01:30:00	3.5680						
2016-11-07 01:45:00 2016-11-07 02:00:00	3.5912 2.6474	39.0762 39.0762	0.1403 0.1035	0.2012 0.2012	0.0007 0.0005	0.0000 0.0000	0.0000
2016-11-07 02:00:00		39.0762 39.0762	0.1035	0.2012	0.0005	0.0000	0.0000
2016-11-07 02:15:00	3.3145 0.7879	39.0762 39.0762	0.1295	0.2012	0.0007	0.0000	0.0000
2016-11-07 02:30:00	0.7879	39.0762	0.0308	0.2012	0.0002	0.0000	0.0000
2016-11-07 02:45:00	0.3963	39.0762	0.0133	0.2336	0.0001	0.0000	0.0000
2016-11-07 03:00:00	0.0195	39.0762	0.0031	0.3152	0.0000	0.0000	0.0000
2016-11-07 03:15:00	0.0195	39.0762	0.0008	0.3152	0.0000	0.0000	0.0000
2016-11-07 03:45:00	0.0000	39.0762	0.0000	0.3152	0.0000	0.0000	0.0000
2016-11-07 04:00:00	0.4524	39.0762	0.0177	0.3152	0.0001	0.0000	0.0000
2016-11-07 04:15:00	1.4768	39.0762	0.0577	0.3152	0.0005	0.0000	0.0000
2016-11-07 04:30:00	0.5274	39.0762	0.0206	0.3152	0.0003	0.0000	0.0000
2016-11-07 04:45:00	0.4244	39.0762	0.0166	0.3152	0.0001	0.0000	0.0000
2016-11-07 05:00:00	0.4193	39.0762	0.0164	0.3152	0.0001	0.0000	0.0000
2016-11-07 05:15:00	0.4437	39.0762	0.0173	0.3152	0.0001	0.0000	0.0000
2016-11-07 05:30:00	0.2327	39.0762	0.0091	0.3152	0.0001	0.0000	0.0000
2016-11-07 05:45:00	0.1409	39.0762	0.0055	0.3152	0.0000	0.0000	0.0000
2016-11-07 06:00:00	0.0628	39.0762	0.0025	0.3152	0.0000	0.0000	0.0000
2016-11-07 06:15:00	0.0935	39.0762	0.0037	0.3926	0.0000	0.0000	0.0000
2016-11-07 06:30:00	0.0239	39.0762	0.0009	0.4278	0.0000	0.0000	0.0000
2016-11-07 06:45:00	0.0000	39.0762	0.0000	0.4213	0.0000	0.0000	0.0000
2016-11-07 07:00:00	0.0777	39.0762	0.0030	0.3083	0.0000	0.0000	0.0000
2016-11-07 07:15:00	0.2759	39.0762	0.0108	0.3997	0.0001	0.0000	0.0000
2016-11-07 07:30:00	0.0986	39.0762	0.0039	0.4243	0.0000	0.0000	0.0000
2016-11-07 07:45:00	0.0743	39.0762	0.0029	0.4243	0.0000	0.0000	0.0000
2016-11-07 08:00:00	0.3632	39.0762	0.0142	0.4243	0.0002	0.0000	0.0000
2016-11-07 08:15:00	0.7473	39.0762	0.0292	0.3911	0.0003	0.0000	0.0000
2016-11-07 08:30:00	1.2443	39.0762	0.0486	0.3111	0.0004	0.0000	0.0000
2016-11-07 08:45:00	0.7410	39.0762	0.0290	0.3111	0.0002	0.0000	0.0000
2016-11-07 09:00:00	0.5879	39.0762	0.0230	0.3111	0.0002	0.0000	0.0000
2016-11-07 09:15:00	1.2183	39.0762	0.0476	0.3111	0.0004	0.0000	0.0000
2016-11-07 09:30:00	1.0478	39.0762	0.0409	0.3038	0.0003	0.0000	0.0000
2016-11-07 09:45:00	1.1364	39.0762	0.0444	0.2926	0.0003	0.0000	0.0000
2016-11-07 10:00:00	0.6856	39.0762	0.0268	0.2720	0.0002	0.0000	0.0000
2016-11-07 10:15:00	0.6282	39.0762	0.0245	0.2272	0.0001	0.0000	0.0000
2016-11-07 10:30:00	0.5597	39.0762	0.0219	0.2538	0.0001	0.0000	0.0000
2016-11-07 10:45:00	0.9928	39.0762	0.0388	0.0925	0.0001	0.0000	0.0000
2016-11-07 11:00:00	0.5292	39.0762	0.0207	0.2390	0.0001	0.0000	0.0000
2016-11-07 11:15:00	0.2879	39.0762	0.0113	0.2835	0.0001	0.0000	0.0000
2016-11-07 11:30:00	1.6770	39.0762	0.0655	0.1117	0.0002	0.0000	0.0000
2016-11-07 11:45:00	2.3291	39.0762	0.0910	0.1502	0.0003	0.0000	0.0000
2016-11-07 12:00:00	2.0922	39.0762	0.0818	0.1909	0.0004	0.0000	0.0000
2016-11-07 12:15:00	1.5254	39.0762	0.0596	0.1981	0.0003	0.0000	0.0000
2016-11-07 12:30:00	1.8316	39.0762	0.0716	0.2163	0.0004	0.0000	0.0000
2016-11-07 12:45:00	1.8149	39.0762	0.0709	0.1604	0.0003	0.0000	0.0000
2016-11-07 13:00:00	2.9923	39.0762	0.1169	0.0860	0.0003	0.0000	0.0000
1		39.0762	0.1006	0.0896	0.0002	0.0000	0.0000
2016-11-07 13:15:00	2.5753		0.0000	0.1246	0.0003	0.0000	0.0000
2016-11-07 13:30:00	2.2936	39.0762	0.0896				
2016-11-07 13:30:00 2016-11-07 13:45:00	2.2936 4.1195	39.0762	0.1610	0.0807	0.0003	0.0000	0.0000
2016-11-07 13:30:00 2016-11-07 13:45:00 2016-11-07 14:00:00	2.2936 4.1195 4.0066	39.0762 39.0762	0.1610 0.1566	0.0807 0.1696	0.0007	0.0000 0.0000	0.0000 0.0000
2016-11-07 13:30:00 2016-11-07 13:45:00 2016-11-07 14:00:00 2016-11-07 14:15:00	2.2936 4.1195 4.0066 4.1532	39.0762 39.0762 39.0762	0.1610 0.1566 0.1623	0.0807 0.1696 0.1051	0.0007 0.0004	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000
2016-11-07 13:30:00 2016-11-07 13:45:00 2016-11-07 14:00:00 2016-11-07 14:15:00 2016-11-07 14:30:00	2.2936 4.1195 4.0066 4.1532 3.3593	39.0762 39.0762 39.0762 39.0762	0.1610 0.1566 0.1623 0.1313	0.0807 0.1696 0.1051 0.1009	0.0007 0.0004 0.0003	0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000
2016-11-07 13:30:00 2016-11-07 13:45:00 2016-11-07 14:00:00 2016-11-07 14:15:00 2016-11-07 14:30:00 2016-11-07 14:45:00	2.2936 4.1195 4.0066 4.1532 3.3593 3.6081	39.0762 39.0762 39.0762 39.0762 39.0762	0.1610 0.1566 0.1623 0.1313 0.1410	0.0807 0.1696 0.1051 0.1009 3.4434	0.0007 0.0004 0.0003 0.0124	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000
2016-11-07 13:30:00 2016-11-07 13:45:00 2016-11-07 14:00:00 2016-11-07 14:15:00 2016-11-07 14:30:00 2016-11-07 14:45:00 2016-11-07 15:00:00	2.2936 4.1195 4.0066 4.1532 3.3593 3.6081 4.0112	39.0762 39.0762 39.0762 39.0762 39.0762 39.0762	0.1610 0.1566 0.1623 0.1313 0.1410 0.1567	0.0807 0.1696 0.1051 0.1009 3.4434 4.8736	0.0007 0.0004 0.0003 0.0124 0.0195	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
2016-11-07 13:30:00 2016-11-07 13:45:00 2016-11-07 14:00:00 2016-11-07 14:15:00 2016-11-07 14:30:00 2016-11-07 14:45:00	2.2936 4.1195 4.0066 4.1532 3.3593 3.6081	39.0762 39.0762 39.0762 39.0762 39.0762	0.1610 0.1566 0.1623 0.1313 0.1410	0.0807 0.1696 0.1051 0.1009 3.4434	0.0007 0.0004 0.0003 0.0124	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack	Point Source Air Emissions - A2 Nitric Acid Stack							
Parameter	Volumetric Flow Rate		Ох	NH3		N	20					
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s					
2016-11-07 15:45:00	2.9483	39.0762	0.1152	0.0973	0.0003	0.0000	0.0000					
2016-11-07 16:00:00	4.4831	39.0762	0.1752	0.7309	0.0033	0.0000	0.0000					
2016-11-07 16:15:00	4.9859	39.0762	0.1948	1.9112	0.0095	0.0000	0.0000					
2016-11-07 16:30:00	6.1433	39.0762	0.2401	4.1432	0.0255	0.0000	0.0000					
2016-11-07 16:45:00	5.6946	39.0762	0.2225	8.4492	0.0481	0.0000	0.0000					
2016-11-07 17:00:00	4.5569	39.0762	0.1781	0.3329	0.0015	0.0000	0.0000					
2016-11-07 17:15:00	4.3433	39.0762	0.1697	0.0000 0.0000	0.0000	0.0000	0.0000					
2016-11-07 17:30:00 2016-11-07 17:45:00	4.4500 4.5765	39.0762 39.0762	0.1739 0.1788	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000					
		39.0762 39.0762	0.1788	0.0000	0.0000	0.0000	0.0000					
2016-11-07 18:00:00	4.9279	39.0762 39.0762	0.1926	0.0124	0.0001	0.0000	0.0000					
2016-11-07 18:15:00 2016-11-07 18:30:00	5.6465 5.5709	39.0762	0.2177	0.0463	0.0003	0.0000	0.0000					
	5.7682	39.0762	0.2177	0.1077	0.0009	0.0000	0.0000					
2016-11-07 18:45:00 2016-11-07 19:00:00	4.9650	39.0762	0.2254	0.1631	0.0009	0.0000	0.0000					
2016-11-07 19:00:00	5.6031	39.0762	0.2189	0.1899	0.0010	0.0000	0.0000					
2016-11-07 19:30:00	4.5750	39.0762	0.2189	0.2473	0.0011	0.0000	0.0000					
2016-11-07 19:45:00	4.1660	39.0762	0.1788	0.3434	0.0011	0.0000	0.0000					
2016-11-07 19:43:00	3.4483	39.0762	0.1028	0.3626	0.0014	0.0000	0.0000					
2016-11-07 20:00:00	4.7621	39.0762	0.1347	0.3633	0.0013	0.0000	0.0000					
2016-11-07 20:30:00	4.1978	39.0762	0.1640	0.3266	0.0017	0.0000	0.0000					
2016-11-07 20:35:00	4.0648	39.0762	0.1588	0.3469	0.0014	0.0000	0.0000					
2016-11-07 20:43:00	2.5548	39.0762	0.1388	0.3896	0.0014	0.0000	0.0000					
2016-11-07 21:15:00	1.7711	39.0762	0.0692	0.4006	0.0010	0.0000	0.0000					
2016-11-07 21:30:00	0.3328	39.0762	0.0130	0.4360	0.0007	0.0000	0.0000					
2016-11-07 21:45:00	0.1253	39.0762	0.0049	0.4360	0.0001	0.0000	0.0000					
2016-11-07 22:00:00	0.8339	39.0762	0.0326	0.4224	0.0004	0.0000	0.0000					
2016-11-07 22:15:00	0.7167	39.0762	0.0280	0.3963	0.0003	0.0000	0.0000					
2016-11-07 22:30:00	0.3249	39.0762	0.0127	0.4333	0.0001	0.0000	0.0000					
2016-11-07 22:45:00	2.7662	39.0762	0.1081	0.3989	0.0011	0.0000	0.0000					
2016-11-07 23:00:00	1.0271	39.0762	0.0401	0.4099	0.0004	0.0000	0.0000					
2016-11-07 23:15:00	0.7918	39.0762	0.0309	0.4099	0.0003	0.0000	0.0000					
2016-11-07 23:30:00	1.6920	39.0762	0.0661	0.3915	0.0007	0.0000	0.0000					
2016-11-07 23:45:00	0.8157	39.0762	0.0319	0.4064	0.0003	0.0000	0.0000					
2016-11-08 00:00:00	0.0290	39.0762	0.0011	0.4147	0.0000	0.0000	0.0000					
2016-11-08 00:15:00	0.3309	39.0762	0.0129	0.4147	0.0001	0.0000	0.0000					
2016-11-08 00:30:00	0.0000	39.0762	0.0000	0.4147	0.0000	0.0000	0.0000					
2016-11-08 00:45:00	0.5853	39.0762	0.0229	0.4147	0.0002	0.0000	0.0000					
2016-11-08 01:00:00	0.5888	39.0762	0.0230	0.4147	0.0002	0.0000	0.0000					
2016-11-08 01:15:00	0.7859	39.0762	0.0307	0.3996	0.0003	0.0000	0.0000					
2016-11-08 01:30:00	2.9630	39.0762	0.1158	0.2601	0.0008	0.0000	0.0000					
2016-11-08 01:45:00	2.0487	39.0762	0.0801	0.3160	0.0006	0.0000	0.0000					
2016-11-08 02:00:00	0.8857	39.0762	0.0346	0.4750	0.0004	0.0000	0.0000					
2016-11-08 02:15:00	1.6917	39.0762	0.0661	0.3895	0.0007	0.0000	0.0000					
2016-11-08 02:30:00	1.7968	39.0762	0.0702	0.3512	0.0006	0.0000	0.0000					
2016-11-08 02:45:00	1.9356	39.0762	0.0756	0.3302	0.0006	0.0000	0.0000					
2016-11-08 03:00:00	3.2277	39.0762	0.1261	0.2095	0.0007	0.0000	0.0000					
2016-11-08 03:15:00	3.3404	39.0762	0.1305	0.2276	0.0008	0.0000	0.0000					
2016-11-08 03:30:00	3.7366	39.0762	0.1460	0.2714	0.0010	0.0000	0.0000					
2016-11-08 03:45:00	3.9611	39.0762	0.1548	0.2676	0.0011	0.0000	0.0000					
2016-11-08 04:00:00	4.2998	39.0762	0.1680	0.0935	0.0004	0.0000	0.0000					
2016-11-08 04:15:00	3.8288	39.0762	0.1496	0.0898	0.0003	0.0000	0.0000					
2016-11-08 04:30:00	4.3353	39.0762	0.1694	0.1069	0.0005	0.0000	0.0000					
2016-11-08 04:45:00	5.2102	39.0762	0.2036	0.0933	0.0005	0.0000	0.0000					
2016-11-08 05:00:00	6.1910	39.0762	0.2419	0.0897	0.0006	0.0000	0.0000					
2016-11-08 05:15:00	7.1070	39.0762	0.2777	0.0501	0.0004	0.0000	0.0000					
2016-11-08 05:30:00	6.9088	39.0762	0.2700	0.0501	0.0003	0.0000	0.0000					
2016-11-08 05:45:00	6.8958	39.0762	0.2695	1.1728	0.0081	0.0000	0.0000					
2016-11-08 06:00:00	6.5886	39.0762	0.2575	5.2789	0.0348	0.0000	0.0000					
2016-11-08 06:15:00	6.0855	39.0762	0.2378	5.2789	0.0321	0.0000	0.0000					
2016-11-08 06:30:00	4.7855	39.0762	0.1870	2.8756	0.0138	0.0000	0.0000					
2016-11-08 06:45:00	4.9310	39.0762	0.1927	0.1690	0.0008	0.0000	0.0000					
2016-11-08 07:00:00	5.1847	39.0762	0.2026	0.1195	0.0006	0.0000	0.0000					
2016-11-08 07:15:00	C 2445	39.0762	0.2439	0.0680	0.0004	0.0000	0.0000					
2016-11-08 07:30:00	6.2415	39.0762	0.2108	0.1556	0.0008	0.0000	0.0000					
	5.3942			0.2024	0.0010	0.0000	0.0000					
2016-11-08 07:45:00	5.3942 4.9705	39.0762	0.1942	0.2024								
2016-11-08 08:00:00	5.3942 4.9705 6.2599	39.0762 39.0762	0.2446	0.0157	0.0001	0.0000	0.0000					
2016-11-08 08:00:00 2016-11-08 08:15:00	5.3942 4.9705 6.2599 7.2081	39.0762 39.0762 39.0762	0.2446 0.2817	0.0157 0.0702	0.0001 0.0005	0.0000 0.0000	0.0000 0.0000					
2016-11-08 08:00:00 2016-11-08 08:15:00 2016-11-08 08:30:00	5.3942 4.9705 6.2599 7.2081 6.3246	39.0762 39.0762 39.0762 39.0762	0.2446 0.2817 0.2471	0.0157 0.0702 0.1100	0.0001 0.0005 0.0007	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000					
2016-11-08 08:00:00 2016-11-08 08:15:00 2016-11-08 08:30:00 2016-11-08 08:45:00	5.3942 4.9705 6.2599 7.2081 6.3246 5.5547	39.0762 39.0762 39.0762 39.0762 39.0762	0.2446 0.2817 0.2471 0.2171	0.0157 0.0702 0.1100 0.1604	0.0001 0.0005 0.0007 0.0009	0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000					
2016-11-08 08:00:00 2016-11-08 08:15:00 2016-11-08 08:30:00 2016-11-08 08:45:00 2016-11-08 09:00:00	5.3942 4.9705 6.2599 7.2081 6.3246 5.5547 5.2748	39.0762 39.0762 39.0762 39.0762 39.0762 39.0762	0.2446 0.2817 0.2471 0.2171 0.2061	0.0157 0.0702 0.1100 0.1604 0.0952	0.0001 0.0005 0.0007 0.0009 0.0005	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000					
2016-11-08 08:00:00 2016-11-08 08:15:00 2016-11-08 08:30:00 2016-11-08 08:45:00 2016-11-08 09:00:00 2016-11-08 09:15:00	5.3942 4.9705 6.2599 7.2081 6.3246 5.5547 5.2748 6.0847	39.0762 39.0762 39.0762 39.0762 39.0762 39.0762 39.0762	0.2446 0.2817 0.2471 0.2171 0.2061 0.2378	0.0157 0.0702 0.1100 0.1604 0.0952 0.0863	0.0001 0.0005 0.0007 0.0009 0.0005	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000					
2016-11-08 08:00:00 2016-11-08 08:15:00 2016-11-08 08:30:00 2016-11-08 08:45:00 2016-11-08 09:00:00 2016-11-08 09:15:00 2016-11-08 09:30:00	5.3942 4.9705 6.2599 7.2081 6.3246 5.5547 5.2748 6.0847 5.1202	39.0762 39.0762 39.0762 39.0762 39.0762 39.0762 39.0762 39.0762	0.2446 0.2817 0.2471 0.2171 0.2061 0.2378 0.2001	0.0157 0.0702 0.1100 0.1604 0.0952 0.0863 1.1065	0.0001 0.0005 0.0007 0.0009 0.0005 0.0005	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000					
2016-11-08 08:00:00 2016-11-08 08:15:00 2016-11-08 08:30:00 2016-11-08 08:45:00 2016-11-08 09:00:00 2016-11-08 09:15:00 2016-11-08 09:30:00 2016-11-08 09:45:00	5.3942 4.9705 6.2599 7.2081 6.3246 5.5547 5.2748 6.0847 5.1202 5.7262	39.0762 39.0762 39.0762 39.0762 39.0762 39.0762 39.0762 39.0762 39.0762	0.2446 0.2817 0.2471 0.2171 0.2061 0.2378 0.2001 0.2238	0.0157 0.0702 0.1100 0.1604 0.0952 0.0863 1.1065 0.5268	0.0001 0.0005 0.0007 0.0009 0.0005 0.0005 0.00057 0.0030	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000					
2016-11-08 08:00:00 2016-11-08 08:15:00 2016-11-08 08:30:00 2016-11-08 08:45:00 2016-11-08 09:00:00 2016-11-08 09:15:00 2016-11-08 09:30:00	5.3942 4.9705 6.2599 7.2081 6.3246 5.5547 5.2748 6.0847 5.1202	39.0762 39.0762 39.0762 39.0762 39.0762 39.0762 39.0762 39.0762	0.2446 0.2817 0.2471 0.2171 0.2061 0.2378 0.2001	0.0157 0.0702 0.1100 0.1604 0.0952 0.0863 1.1065	0.0001 0.0005 0.0007 0.0009 0.0005 0.0005	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000					

		Point Source Air E	Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-08 10:30:00	5.6714	39.0762	0.2216	6.5040	0.0369	0.0000	0.0000
2016-11-08 10:45:00	7.3027	39.0762	0.2854	6.4792	0.0473	0.0000	0.0000
2016-11-08 11:00:00	7.1761	39.0762	0.2804	4.6212	0.0332	0.0000	0.0000
2016-11-08 11:15:00	6.9259	39.0762	0.2706	8.8969	0.0616	0.0000	0.0000
2016-11-08 11:30:00 2016-11-08 11:45:00	7.1970 6.4294	39.0762 39.0762	0.2812 0.2512	6.4528 3.7672	0.0464 0.0242	0.0000 0.0000	0.0000
2016-11-08 11:45:00	6.3271	39.0762	0.2312	4.6746	0.0242	0.0000	0.0000
2016-11-08 12:00:00	7.1408	39.0762	0.2472	0.0000	0.0296	0.0000	0.0000
2016-11-08 12:13:00	6.9209	39.0762	0.2790	4.6110	0.0319	0.0000	0.0000
2016-11-08 12:45:00	6.8210	39.0762	0.2665	7.4694	0.0509	0.0000	0.0000
2016-11-08 13:00:00	6.6961	39.0762	0.2617	5.3371	0.0357	0.0000	0.0000
2016-11-08 13:15:00	6.9223	39.0762	0.2705	4.1087	0.0284	0.0000	0.0000
2016-11-08 13:30:00	7.4449	39.0762	0.2909	0.0900	0.0007	0.0000	0.0000
2016-11-08 13:45:00	6.7024	39.0762	0.2619	5.9463	0.0399	0.0000	0.0000
2016-11-08 14:00:00	7.9921	39.0762	0.3123	7.9898	0.0639	0.0000	0.0000
2016-11-08 14:15:00	7.3961	39.0762	0.2890	7.8218	0.0579	0.0000	0.0000
2016-11-08 14:30:00	7.0759	39.0762	0.2765	5.0208	0.0355	0.0000	0.0000
2016-11-08 14:45:00	6.4359	39.0762	0.2515	6.6307	0.0427	0.0000	0.0000
2016-11-08 15:00:00	6.5863	39.0762	0.2574	8.3530	0.0550	0.0000	0.0000
2016-11-08 15:15:00	5.8588	39.0762	0.2289	8.3530	0.0489	0.0000	0.0000
2016-11-08 15:30:00	5.6917	39.0762	0.2224	8.3530	0.0475	0.0000	0.0000
2016-11-08 15:45:00	5.8502	39.0762	0.2286	8.3530	0.0489	0.0000	0.0000
2016-11-08 16:00:00	5.1636	39.0762	0.2018	8.3530	0.0431	0.0000	0.0000
2016-11-08 16:15:00	5.2753	39.0762	0.2061	7.2876	0.0384	0.0000	0.0000
2016-11-08 16:30:00	5.4790	39.0762	0.2141	7.9733	0.0437	0.0000	0.0000
2016-11-08 16:45:00	4.1505	39.0762	0.1622	11.1923	0.0465	0.0000	0.0000
2016-11-08 17:00:00	4.5422	39.0762	0.1775	11.1923	0.0508	0.0000	0.0000
2016-11-08 17:15:00	5.2444	39.0762	0.2049	7.0272	0.0369	0.0000	0.0000
2016-11-08 17:30:00	5.4938	39.0762	0.2147	7.1011	0.0390	0.0000	0.0000
2016-11-08 17:45:00	5.8474	39.0762	0.2285	5.2486	0.0307	0.0000	0.0000
2016-11-08 18:00:00	6.5761	39.0762	0.2570	3.5994	0.0237	0.0000	0.0000
2016-11-08 18:15:00	6.9169	39.0762	0.2703	0.8062	0.0056	0.0000	0.0000
2016-11-08 18:30:00	8.8126	39.0762	0.3444	0.0865	0.0008	0.0000	0.0000
2016-11-08 18:45:00	7.5187	39.0762	0.2938	0.0977	0.0007	0.0000	0.0000
2016-11-08 19:00:00	8.3639	39.0762	0.3268	0.9409	0.0079	0.0000	0.0000
2016-11-08 19:15:00	7.7736	39.0762	0.3038	0.4561	0.0035	0.0000	0.0000
2016-11-08 19:30:00	7.3575	39.0762	0.2875	3.2687	0.0240	0.0000	0.0000
2016-11-08 19:45:00	7.5933	39.0762	0.2967	1.6906	0.0128	0.0000	0.0000
2016-11-08 20:00:00	7.8649	39.0762	0.3073	1.7170	0.0135	0.0000	0.0000
2016-11-08 20:15:00	8.5093	39.0762	0.3325	4.3965	0.0374	0.0000	0.0000
2016-11-08 20:30:00	8.9260	39.0762	0.3488	1.5657	0.0140	0.0000	0.0000
2016-11-08 20:45:00	7.5093	39.0762	0.2934	7.3372	0.0551	0.0000	0.0000
2016-11-08 21:00:00	8.4994	39.0762	0.3321	3.4267	0.0291	0.0000	0.0000
2016-11-08 21:15:00	8.6888	39.0762	0.3395	3.6782	0.0320	0.0000	0.0000
2016-11-08 21:30:00	6.4317	39.0762	0.2513	1.7045	0.0110	0.0000	0.0000
2016-11-08 21:45:00	7.9633	39.0762	0.3112	2.7012	0.0215	0.0000	0.0000
2016-11-08 22:00:00	4.9886	39.0762	0.1949	1.6993	0.0085	0.0000	0.0000
2016-11-08 22:15:00	5.5410	39.0762	0.2165	2.2785	0.0126	0.0000	0.0000
2016-11-08 22:30:00	5.4899	39.0762	0.2145	5.8874	0.0323	0.0000	0.0000
2016-11-08 22:45:00	5.8470	39.0762	0.2285	0.9982	0.0058	0.0000	0.0000
2016-11-08 23:00:00 2016-11-08 23:15:00	7.3017 5.9036	39.0762 39.0762	0.2853 0.2307	0.7518 1.1578	0.0055 0.0068	0.0000 0.0000	0.0000
2016-11-08 23:15:00	5.9036	39.0762 39.0762	0.2307	0.0491	0.0068	0.0000	0.0000
2016-11-08 23:30:00	6.6596	39.0762 39.0762	0.2281	0.6442	0.0003	0.0000	0.0000
2016-11-08 23:45:00	7.3231	39.0762	0.2862	5.6088	0.0043	0.0000	0.0000
2016-11-09 00:00:00	7.3231 8.8815	39.0762	0.3471	10.1754	0.0911	0.0000	0.0000
2016-11-09 00:30:00	6.5236	39.0762	0.2549	6.8288	0.0445	0.0000	0.0000
2016-11-09 00:35:00	4.7024	39.0762	0.1838	0.0000	0.0000	0.0000	0.0000
2016-11-09 01:00:00	4.6183	39.0762	0.1838	1.0000	0.0046	0.0000	0.0000
2016-11-09 01:15:00	7.9183	39.0762	0.3094	0.0000	0.0000	0.0000	0.0000
2016-11-09 01:30:00	7.7356	39.0762	0.3023	5.8981	0.0456	0.0000	0.0000
2016-11-09 01:45:00	6.9401	39.0762	0.2712	2.3123	0.0160	0.0000	0.0000
2016-11-09 02:00:00	7.7225	39.0762	0.3018	0.2476	0.0019	0.0000	0.0000
2016-11-09 02:15:00	7.8081	39.0762	0.3051	0.1914	0.0015	0.0000	0.0000
2016-11-09 02:30:00	7.7464	39.0762	0.3027	0.1584	0.0012	0.0000	0.0000
2016-11-09 02:45:00	8.1703	39.0762	0.3193	1.9262	0.0157	0.0000	0.0000
2016-11-09 03:00:00	9.7500	39.0762	0.3810	2.7295	0.0266	0.0000	0.0000
2016-11-09 03:15:00	8.4210	39.0762	0.3291	6.5196	0.0549	0.0000	0.0000
2016-11-09 03:30:00	7.8808	39.0762	0.3079	7.1727	0.0565	0.0000	0.0000
2016-11-09 03:45:00	9.0734	39.0762	0.3546	7.1727	0.0651	0.0000	0.0000
2016-11-09 04:00:00	9.1130	39.0762	0.3561	4.9010	0.0447	0.0000	0.0000
2016-11-09 04:15:00	6.1312	39.0762	0.2396	0.4196	0.0026	0.0000	0.0000
2016-11-09 04:30:00	8.3467	39.0762	0.3262	0.2669	0.0022	0.0000	0.0000
2010-11-09 04.30.00	0.5 107						
2016-11-09 04:45:00	5.7159	39.0762	0.2234	0.1258	0.0007	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-09 05:15:00	4.9384	39.0762	0.1930	0.0823	0.0004	0.0000	0.0000
2016-11-09 05:30:00	5.4065	39.0762	0.2113	0.7617	0.0041	0.0000	0.0000
2016-11-09 05:45:00	5.0578	39.0762	0.1976	0.0924	0.0005	0.0000	0.0000
2016-11-09 06:00:00	5.1515	39.0762	0.2013	0.0282	0.0001	0.0000	0.0000
2016-11-09 06:15:00	5.5635	39.0762	0.2174	0.1865	0.0010	0.0000	0.0000
2016-11-09 06:30:00	4.7981	39.0762	0.1875	0.0968	0.0005	0.0000	0.0000
2016-11-09 06:45:00	6.0701	39.0762	0.2372	0.0968	0.0006	0.0000	0.0000
2016-11-09 07:00:00	7.2092	39.0762	0.2817	1.3906	0.0100	0.0000	0.0000
2016-11-09 07:15:00	7.9082	39.0762	0.3090	0.2911	0.0023	0.0000	0.0000
2016-11-09 07:30:00	7.2523	39.0762	0.2834	0.2911	0.0021	0.0000	0.0000
2016-11-09 07:45:00	7.1706	39.0762	0.2802	0.2896	0.0021	0.0000	0.0000
2016-11-09 08:00:00	6.6490	39.0762	0.2598	0.5736	0.0038	0.0000	0.0000
2016-11-09 08:15:00	7.0068	39.0762	0.2738	0.0000	0.0000	0.0000	0.0000
2016-11-09 08:30:00	6.0308	39.0762	0.2357	2.5891	0.0156	0.0000	0.0000
2016-11-09 08:45:00	6.0335	39.0762	0.2358	0.0435	0.0003	0.0000	0.0000
2016-11-09 09:00:00	5.4004	39.0762	0.2110	0.0225	0.0001	0.0000	0.0000
2016-11-09 09:15:00	6.7620	39.0762	0.2642	1.1891	0.0080	0.0000	0.0000
2016-11-09 09:30:00 2016-11-09 09:45:00	5.1332	39.0762	0.2006	0.0087	0.0000	0.0000	0.0000
	5.0210	39.0762 39.0762	0.1962	0.0239 0.0365	0.0001 0.0002	0.0000 0.0000	0.0000 0.0000
2016-11-09 10:00:00	5.8114		0.2271 0.1825	0.0363	0.0002	0.0000	0.0000
2016-11-09 10:15:00 2016-11-09 10:30:00	4.6694 3.4707	39.0762 39.0762	0.1825	0.1932	0.0009	0.0000	0.0000
2016-11-09 10:30:00	3.4707 2.9196	39.0762	0.1356	0.1082	0.0004	0.0000	0.0000
2016-11-09 10:45:00	2.9196 4.8862	39.0762	0.1141	0.0920	0.0003	0.0000	0.0000
2016-11-09 11:15:00	5.3943	39.0762	0.1909	0.1466	0.0007	0.0000	0.0000
2016-11-09 11:30:00	5.3858	39.0762	0.2105	0.4215	0.0023	0.0000	0.0000
2016-11-09 11:45:00	5.1259	39.0762	0.2003	3.4624	0.0177	0.0000	0.0000
2016-11-09 12:00:00	5.8182	39.0762	0.2274	4.6170	0.0269	0.0000	0.0000
2016-11-09 12:15:00	6.9999	39.0762	0.2735	0.2428	0.0017	0.0000	0.0000
2016-11-09 12:30:00	6.6559	39.0762	0.2601	3.2671	0.0217	0.0000	0.0000
2016-11-09 12:45:00	7.2981	39.0762	0.2852	5.7812	0.0422	0.0000	0.0000
2016-11-09 13:00:00	7.7572	39.0762	0.3031	11.2500	0.0873	0.0000	0.0000
2016-11-09 13:15:00	7.7573	39.0762	0.3031	11.2500	0.0873	0.0000	0.0000
2016-11-09 13:30:00	8.1549	39.0762	0.3187	11.2500	0.0917	0.0000	0.0000
2016-11-09 13:45:00	8.2207	39.0762	0.3212	11.2500	0.0925	0.0000	0.0000
2016-11-09 14:00:00	7.6154	39.0762	0.2976	6.1451	0.0468	0.0000	0.0000
2016-11-09 14:15:00	7.6469	39.0762	0.2988	7.1157	0.0544	0.0000	0.0000
2016-11-09 14:30:00	6.7512	39.0762	0.2638	8.8078	0.0595	0.0000	0.0000
2016-11-09 14:45:00	6.6795	39.0762	0.2610	9.7861	0.0654	0.0000	0.0000
2016-11-09 15:00:00	7.6936	39.0762	0.3006	6.8531	0.0527	0.0000	0.0000
2016-11-09 15:15:00	6.9961	39.0762	0.2734	5.3771	0.0376	0.0000	0.0000
2016-11-09 15:30:00	6.8205	39.0762	0.2665	5.2464	0.0358	0.0000	0.0000
2016-11-09 15:45:00	6.2476	39.0762	0.2441	8.8401	0.0552	0.0000	0.0000
2016-11-09 16:00:00	6.0163	39.0762	0.2351	10.1637	0.0611	0.0000	0.0000
2016-11-09 16:15:00	6.2961	39.0762	0.2460	10.1637	0.0640	0.0000	0.0000
2016-11-09 16:30:00	7.2026	39.0762	0.2815	9.2292	0.0665	0.0000	0.0000
2016-11-09 16:45:00	7.0223	39.0762	0.2744	7.4292	0.0522	0.0000	0.0000
2016-11-09 17:00:00	7.7416	39.0762	0.3025	2.9940	0.0232	0.0000	0.0000
2016-11-09 17:15:00	8.3082	39.0762	0.3247	3.8421	0.0319	0.0000	0.0000
2016-11-09 17:30:00	6.7072	39.0762	0.2621	3.3073	0.0222	0.0000	0.0000
2016-11-09 17:45:00	7.5472	39.0762	0.2949	3.0610	0.0231	0.0000	0.0000
2016-11-09 18:00:00	6.5974	39.0762	0.2578	1.1217	0.0074	0.0000	0.0000
2016-11-09 18:15:00	7.8021	39.0762	0.3049	2.2681	0.0177	0.0000	0.0000
2016-11-09 18:30:00	7.7875	39.0762	0.3043	2.2603	0.0176	0.0000	0.0000
2016-11-09 18:45:00	6.9923	39.0762	0.2732	1.3753	0.0096	0.0000	0.0000
2016-11-09 19:00:00	8.0794	39.0762	0.3157	0.4846	0.0039	0.0000	0.0000
2016-11-09 19:15:00	9.3353	39.0762	0.3648	6.2637	0.0585	0.0000	0.0000
2016-11-09 19:30:00	5.8050	39.0762	0.2268	1.7012	0.0099	0.0000	0.0000
2016-11-09 19:45:00	7.8061	39.0762	0.3050	7.4208	0.0579	0.0000	0.0000
2016-11-09 20:00:00	4.5640	39.0762	0.1783	0.0232	0.0001	0.0000	0.0000
2016-11-09 20:15:00	6.1936	39.0762	0.2420	1.3810	0.0086	0.0000	0.0000
2016-11-09 20:30:00	6.8318	39.0762	0.2670	1.2584	0.0086	0.0000	0.0000
2016-11-09 20:45:00	5.9787	39.0762	0.2336	1.1848	0.0071	0.0000	0.0000
2016-11-09 21:00:00	5.8075	39.0762	0.2269	7.9110	0.0459	0.0000	0.0000
2016-11-09 21:15:00	6.7361	39.0762	0.2632	3.0610	0.0206	0.0000	0.0000
2016-11-09 21:30:00	5.3831	39.0762	0.2104	1.7889	0.0096	0.0000	0.0000
2016-11-09 21:45:00	5.3420	39.0762	0.2087	2.8129	0.0150	0.0000	0.0000
2016-11-09 22:00:00	6.0254	39.0762	0.2355	2.9080	0.0175	0.0000	0.0000
2016-11-09 22:15:00	6.3479	39.0762	0.2481	9.6954	0.0615	0.0000	0.0000
2016-11-09 22:30:00	6.5733	39.0762	0.2569	3.8058	0.0250	0.0000	0.0000
2016-11-09 22:45:00	6.8282	39.0762	0.2668	0.0000	0.0000	0.0000	0.0000
2016-11-09 23:00:00	5.5241	39.0762	0.2159	0.0000	0.0000	0.0000	0.0000
2016-11-09 23:15:00	5.4576	39.0762	0.2133	0.0108	0.0001	0.0000	0.0000
2016-11-09 23:30:00	5.4693	39.0762	0.2137	0.0082	0.0000	0.0000	0.0000
2016-11-09 23:45:00	6.0235	39.0762	0.2354	0.0082	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-10 00:00:00	7.0837	39.0762	0.2768	0.0082	0.0001	0.0000	0.0000
2016-11-10 00:15:00	6.6833	22.3970	0.1497	0.2982	0.0020	0.0000	0.0000
2016-11-10 00:30:00	6.3451	6.0117	0.0381	0.0000	0.0000	0.0000	0.0000
2016-11-10 00:45:00	6.9719	6.0117	0.0419	0.0000	0.0000	0.0000	0.0000
2016-11-10 01:00:00	7.2568	6.0117	0.0436	0.0000	0.0000	0.0000	0.0000
2016-11-10 01:15:00	6.9247	6.0117	0.0416	0.0000	0.0000	0.0000	0.0000
2016-11-10 01:30:00	6.1780	6.0117	0.0371	0.0000	0.0000	0.0000	0.0000
2016-11-10 01:45:00	6.1453	6.0117	0.0369	0.0000	0.0000	0.0000	0.0000
2016-11-10 02:00:00 2016-11-10 02:15:00	5.9583	6.0117	0.0358	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2016-11-10 02:15:00	5.3602 5.4715	6.0117 6.0117	0.0322 0.0329	0.0000 0.0000	0.0000	0.0000	0.0000 0.0000
2016-11-10 02:45:00	4.7228	6.0117	0.0329	0.0000	0.0000	0.0000	0.0000
2016-11-10 03:00:00	5.2597	6.0117	0.0316	0.0000	0.0000	0.0000	0.0000
2016-11-10 03:15:00	4.2791	6.0117	0.0257	0.0000	0.0000	0.0000	0.0000
2016-11-10 03:30:00	3.9667	6.0117	0.0238	0.0000	0.0000	0.0000	0.0000
2016-11-10 03:45:00	3.9318	6.0117	0.0236	0.0000	0.0000	0.0000	0.0000
2016-11-10 04:00:00	3.1215	6.0117	0.0188	0.0000	0.0000	0.0000	0.0000
2016-11-10 04:15:00	2.9541	6.0117	0.0178	0.0000	0.0000	0.0000	0.0000
2016-11-10 04:30:00	2.1062	6.0117	0.0127	0.0000	0.0000	0.0000	0.0000
2016-11-10 04:45:00	2.3808	6.0117	0.0143	0.0000	0.0000	0.0000	0.0000
2016-11-10 05:00:00	2.4371	6.0117	0.0147	0.0000	0.0000	0.0000	0.0000
2016-11-10 05:15:00	3.8688	6.0117	0.0233	0.0000	0.0000	0.0000	0.0000
2016-11-10 05:30:00	4.1197	6.0117	0.0248	0.0000	0.0000	0.0000	0.0000
2016-11-10 05:45:00	4.3652	6.0117	0.0262	0.0000	0.0000	0.0000	0.0000
2016-11-10 06:00:00	3.0871	6.0117	0.0186	0.0000	0.0000	0.0000	0.0000
2016-11-10 06:15:00	2.9699	6.0117	0.0179	0.0000	0.0000	0.0000	0.0000
2016-11-10 06:30:00	0.9494	6.0117	0.0057	0.0000	0.0000	0.0000	0.0000
2016-11-10 06:45:00	1.1738	6.0117	0.0071	0.0000	0.0000	0.0000	0.0000
2016-11-10 07:00:00	1.1557	6.0117	0.0069	0.0808	0.0001	0.0000	0.0000
2016-11-10 07:15:00	3.4999	6.0117	0.0210	0.0085	0.0000	0.0000	0.0000
2016-11-10 07:30:00	2.2524	6.0117	0.0135	0.0157	0.0000	0.0000	0.0000
2016-11-10 07:45:00	3.4004	6.0117	0.0204	0.0199	0.0001	0.0000	0.0000
2016-11-10 08:00:00	3.2392	6.0117	0.0195	0.0023	0.0000	0.0000	0.0000
2016-11-10 08:15:00	4.0284	6.0117	0.0242	0.0209	0.0001	0.0000	0.0000
2016-11-10 08:30:00	4.8594	6.0117	0.0292	0.0207	0.0001	0.0000	0.0000
2016-11-10 08:45:00	3.1354	6.0117	0.0188	0.0899	0.0003	0.0000	0.0000
2016-11-10 09:00:00	3.8245	6.0117	0.0230	0.1210	0.0005	0.0000	0.0000
2016-11-10 09:15:00	2.1098	6.0117	0.0127	0.1092	0.0002	0.0000	0.0000
2016-11-10 09:30:00	3.0010	6.0117	0.0180	0.1144	0.0003	0.0000	0.0000
2016-11-10 09:45:00	2.7584	6.0117	0.0166	0.0686	0.0002	0.0000	0.0000
2016-11-10 10:00:00	3.5406	6.0117	0.0213	0.1019	0.0004	0.0000	0.0000
2016-11-10 10:15:00	2.9591	6.0117	0.0178	0.1220	0.0004	0.0000	0.0000
2016-11-10 10:30:00	3.7889	6.0117	0.0228	0.2657	0.0010	0.0000	0.0000
2016-11-10 10:45:00 2016-11-10 11:00:00	4.9453	6.0117 6.0117	0.0297 0.0284	0.1351 0.0445	0.0007 0.0002	0.0000 0.0000	0.0000 0.0000
2016-11-10 11:00:00	4.7306 4.8619	6.0117	0.0284	0.0445	0.0002	0.0000	0.0000
2016-11-10 11:15:00	5.0764	6.0117	0.0292	0.0000	0.0027	0.0000	0.0000
2016-11-10 11:30:00	5.3127	6.0117	0.0305	0.0000	0.0000	0.0000	0.0000
2016-11-10 11:43:00	6.3604	6.0117	0.0319	0.0000	0.0000	0.0000	0.0000
2016-11-10 12:00:00	6.3438	6.0117	0.0382	0.0314	0.0002	0.0000	0.0000
2016-11-10 12:30:00	6.2155	6.0117	0.0374	0.0000	0.0002	0.0000	0.0000
2016-11-10 12:45:00	4.5871	6.0117	0.0374	1.0452	0.0048	0.0000	0.0000
2016-11-10 13:00:00	5.7631	6.0117	0.0346	4.9132	0.0283	0.0000	0.0000
2016-11-10 13:15:00	5.0342	6.0117	0.0303	1.1003	0.0055	0.0000	0.0000
2016-11-10 13:30:00	5.5236	6.0117	0.0332	2.3979	0.0132	0.0000	0.0000
2016-11-10 13:45:00	6.3641	6.0117	0.0383	2.8365	0.0181	0.0000	0.0000
2016-11-10 14:00:00	5.6732	6.0117	0.0341	2.8365	0.0161	0.0000	0.0000
2016-11-10 14:15:00	4.5813	6.0117	0.0275	2.8365	0.0130	0.0000	0.0000
2016-11-10 14:30:00	4.4847	6.0117	0.0270	2.8365	0.0127	0.0000	0.0000
2016-11-10 14:45:00	6.0052	6.0117	0.0361	5.1625	0.0310	0.0000	0.0000
2016-11-10 15:00:00	5.9725	6.0117	0.0359	8.7108	0.0520	0.0000	0.0000
2016-11-10 15:15:00	2.7664	6.0117	0.0166	7.7430	0.0214	0.0000	0.0000
2016-11-10 15:30:00	0.4102	14.1309	0.0058	3.4312	0.0014	0.0000	0.0000
2016-11-10 15:45:00	1.6191	69.9731	0.1133	3.4312	0.0056	0.0000	0.0000
2016-11-10 16:00:00	2.9209	60.8987	0.1779	2.0757	0.0061	0.0000	0.0000
2016-11-10 16:15:00	0.6805	39.0762	0.0266	4.1427	0.0028	0.0000	0.0000
2016-11-10 16:30:00	0.0000	10.1999	0.0000	7.6807	0.0000	0.0000	0.0000
2016-11-10 16:45:00	0.0000	6.0117	0.0000	11.0299	0.0000	0.0000	0.0000
2016-11-10 17:00:00	0.0000	6.0117	0.0000	7.9250	0.0000	0.0000	0.0000
2016-11-10 17:15:00	0.0000	6.0117	0.0000	5.4290	0.0000	0.0000	0.0000
2016-11-10 17:30:00	0.0000	6.0117	0.0000	1.4508	0.0000	0.0000	0.0000
2016-11-10 17:45:00	0.0000	6.0117	0.0000	1.9405	0.0000	0.0000	0.0000
2016-11-10 18:00:00	0.0000	6.0117	0.0000	2.0345	0.0000	0.0000	0.0000
2016-11-10 18:15:00	0.0000	6.0117	0.0000	1.8237 0.2030	0.0000 0.0000	0.0000 0.0000	0.0000
2016-11-10 18:30:00	0.0000	6.0117	0.0000				0.0000

Point Source Air Emissions - A2 Nitric Acid Stack									
Parameter	Volumetric Flow Rate		Ох	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2016-11-10 18:45:00	0.0000	6.0117	0.0000	0.3865	0.0000	0.0000	0.0000		
2016-11-10 19:00:00 2016-11-10 19:15:00	0.0000 0.0000	6.0117 6.0117	0.0000 0.0000	0.3501 0.1085	0.0000 0.0000	0.0000 0.0000	0.0000		
2016-11-10 19:15:00 2016-11-10 19:30:00	0.0000	6.0117	0.0000	2.8168	0.0000	0.0000	0.0000		
2016-11-10 19:30:00	0.0000	6.0117	0.0000	5.3958	0.0000	0.0000	0.0000		
2016-11-10 19:49:00	0.0000	6.0117	0.0000	0.4839	0.0000	0.0000	0.0000		
2016-11-10 20:15:00	0.0000	6.0117	0.0000	0.5806	0.0000	0.0000	0.0000		
2016-11-10 20:30:00	0.0000	6.0117	0.0000	0.3546	0.0000	0.0000	0.0000		
2016-11-10 20:45:00	0.0000	6.0117	0.0000	0.6562	0.0000	0.0000	0.0000		
2016-11-10 21:00:00	0.0000	6.0117	0.0000	2.9867	0.0000	0.0000	0.0000		
2016-11-10 21:15:00	0.0000	6.0117	0.0000	2.7608	0.0000	0.0000	0.0000		
2016-11-10 21:30:00	0.0000	6.0117	0.0000	2.2121	0.0000	0.0000	0.0000		
2016-11-10 21:45:00	0.0000	6.0117	0.0000	0.3614	0.0000	0.0000	0.0000		
2016-11-10 22:00:00	0.0000	6.0117	0.0000	0.5575	0.0000	0.0000	0.0000		
2016-11-10 22:15:00	0.0000	6.0117	0.0000	0.1953	0.0000	0.0000	0.0000		
2016-11-10 22:30:00	0.0000	6.0117	0.0000	0.4068	0.0000	0.0000	0.0000		
2016-11-10 22:45:00	0.0000	6.0117	0.0000	0.4423	0.0000	0.0000	0.0000		
2016-11-10 23:00:00	0.0000	6.0117	0.0000	0.4152	0.0000	0.0000	0.0000		
2016-11-10 23:15:00	0.0000	6.0117	0.0000	0.3004	0.0000	0.0000	0.0000		
2016-11-10 23:30:00	0.0000	6.0117	0.0000	0.2266	0.0000	0.0000	0.0000		
2016-11-10 23:45:00	0.0000	6.0117	0.0000	0.3958	0.0000	0.0000	0.0000		
2016-11-11 00:00:00	0.0000	6.0117	0.0000	0.1533	0.0000	0.0000	0.0000		
2016-11-11 00:15:00	0.0000	6.0117	0.0000	0.1575	0.0000	0.0000	0.0000		
2016-11-11 00:30:00	0.0000	6.0117	0.0000	0.0797	0.0000	0.0000	0.0000		
2016-11-11 00:45:00	0.0000	6.0117	0.0000	0.0771	0.0000	0.0000	0.0000		
2016-11-11 01:00:00	0.0000	6.0117	0.0000	0.2238	0.0000	0.0000	0.0000		
2016-11-11 01:15:00	0.0000	6.0117	0.0000	0.0890	0.0000	0.0000	0.0000		
2016-11-11 01:30:00	0.0000	6.0117	0.0000	0.1888	0.0000	0.0000	0.0000		
2016-11-11 01:45:00	0.0000	6.0117	0.0000	0.1271 0.0822	0.0000	0.0000	0.0000		
2016-11-11 02:00:00 2016-11-11 02:15:00	0.0000 0.0000	6.0117 6.0117	0.0000 0.0000	0.0822	0.0000 0.0000	0.0000 0.0000	0.0000		
2016-11-11 02:15:00	0.0000	6.0117	0.0000	0.1134	0.0000	0.0000	0.0000		
2016-11-11 02:30:00	0.0000	6.0117	0.0000	0.1101	0.0000	0.0000	0.0000		
2016-11-11 03:00:00	0.0000	6.0117	0.0000	0.1255	0.0000	0.0000	0.0000		
2016-11-11 03:15:00	0.0000	6.0117	0.0000	0.1696	0.0000	0.0000	0.0000		
2016-11-11 03:30:00	0.0000	6.0117	0.0000	0.1894	0.0000	0.0000	0.0000		
2016-11-11 03:45:00	0.0000	6.0117	0.0000	0.1052	0.0000	0.0000	0.0000		
2016-11-11 04:00:00	0.0000	6.0117	0.0000	0.1121	0.0000	0.0000	0.0000		
2016-11-11 04:15:00	0.0000	6.0117	0.0000	0.1054	0.0000	0.0000	0.0000		
2016-11-11 04:30:00	0.0000	6.0117	0.0000	0.1226	0.0000	0.0000	0.0000		
2016-11-11 04:45:00	0.0000	6.0117	0.0000	0.1274	0.0000	0.0000	0.0000		
2016-11-11 05:00:00	0.0000	6.0117	0.0000	0.1003	0.0000	0.0000	0.0000		
2016-11-11 05:15:00	0.0000	6.0117	0.0000	0.1414	0.0000	0.0000	0.0000		
2016-11-11 05:30:00	0.0000	6.0117	0.0000	0.0761	0.0000	0.0000	0.0000		
2016-11-11 05:45:00	0.0000	6.0117	0.0000	0.1004	0.0000	0.0000	0.0000		
2016-11-11 06:00:00	0.0000	6.0117	0.0000	0.0984	0.0000	0.0000	0.0000		
2016-11-11 06:15:00	0.0000	6.0117	0.0000	0.0809	0.0000	0.0000	0.0000		
2016-11-11 06:30:00	0.0000	6.0117	0.0000	0.0867	0.0000	0.0000	0.0000		
2016-11-11 06:45:00	0.0000	6.0117	0.0000	0.1694	0.0000	0.0000	0.0000		
2016-11-11 07:00:00	0.0000	6.0117	0.0000	0.1601	0.0000	0.0000	0.0000		
2016-11-11 07:15:00	0.0000	6.0117	0.0000	0.2152	0.0000	0.0000	0.0000		
2016-11-11 07:30:00	0.0000	6.0117	0.0000	0.1863	0.0000	0.0000	0.0000		
2016-11-11 07:45:00	0.0000	6.0117	0.0000	0.2425	0.0000	0.0000	0.0000		
2016-11-11 08:00:00	0.0000	6.0117	0.0000	0.3076	0.0000	0.0000	0.0000		
2016-11-11 08:15:00	0.0000	6.0117	0.0000	0.2416	0.0000	0.0000	0.0000		
2016-11-11 08:30:00	0.0000	6.0117	0.0000	0.2263	0.0000	0.0000	0.0000		
2016-11-11 08:45:00	0.0000	6.0117	0.0000	0.2113	0.0000	0.0000	0.0000		
2016-11-11 09:00:00 2016-11-11 09:15:00	0.0000	6.0117	0.0000	0.2527	0.0000	0.0000	0.0000		
	0.0000	6.0117	0.0000	0.2527	0.0000	0.0000	0.0000		
2016-11-11 09:30:00	0.0000 0.0000	6.0117 6.0117	0.0000 0.0000	0.1654 0.2037	0.0000 0.0000	0.0000 0.0000	0.0000		
2016-11-11 09:45:00 2016-11-11 10:00:00	0.0000	6.0117	0.0000	0.2037	0.0000	0.0000	0.0000		
2016-11-11 10:00:00	0.0000	6.0117	0.0000	0.1524	0.0000	0.0000	0.0000		
2016-11-11 10:15:00	0.0000	6.0117	0.0000	0.1803	0.0000	0.0000	0.0000		
2016-11-11 10:30:00	0.0000	6.0117	0.0000	0.1278	0.0000	0.0000	0.0000		
2016-11-11 10:43:00	0.0000	6.0117	0.0000	0.1000	0.0000	0.0000	0.0000		
2016-11-11 11:00:00	0.0000	6.0117	0.0000	0.1010	0.0000	0.0000	0.0000		
2016-11-11 11:30:00	0.0000	6.0117	0.0000	0.1332	0.0000	0.0000	0.0000		
2016-11-11 11:45:00	0.0000	6.0117	0.0000	0.1005	0.0000	0.0000	0.0000		
2016-11-11 12:00:00	0.0000	6.0117	0.0000	0.1391	0.0000	0.0000	0.0000		
2016-11-11 12:15:00	0.0000	6.0117	0.0000	0.1234	0.0000	0.0000	0.0000		
		6.0117	0.0000	0.0989	0.0000	0.0000	0.0000		
2016-11-11 12:30:00	0.0000	0.0117							
2016-11-11 12:30:00 2016-11-11 12:45:00	0.0000	6.0117	0.0000	0.0989	0.0000	0.0000	0.0000		

Point Source Air Emissions - A2 Nitric Acid Stack									
Parameter	Volumetric Flow Rate		Ox	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2016-11-11 13:30:00	0.0000	6.0117	0.0000	0.6875	0.0000	0.0000	0.0000		
2016-11-11 13:45:00	0.0000	6.0117	0.0000	0.1177	0.0000	0.0000	0.0000		
2016-11-11 14:00:00	0.0000	6.0117	0.0000	0.0695	0.0000	0.0000	0.0000		
2016-11-11 14:15:00	0.0000	6.0117	0.0000	0.1463	0.0000	0.0000	0.0000		
2016-11-11 14:30:00	0.0000	6.0117	0.0000	2.3295	0.0000	0.0000	0.0000		
2016-11-11 14:45:00	0.0000	6.0117	0.0000	0.0227	0.0000	0.0000	0.0000		
2016-11-11 15:00:00	0.0000	6.0117	0.0000 0.0000	4.2767 2.1888	0.0000	0.0000	0.0000		
2016-11-11 15:15:00	0.0000 0.0000	6.0117 6.0117	0.0000	1.8439	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000		
2016-11-11 15:30:00	0.0000		0.0000		0.0000	0.0000	0.0000		
2016-11-11 15:45:00 2016-11-11 16:00:00	0.0000	6.0117 6.0117	0.0000	1.5161	0.0000	0.0000	0.0000		
2016-11-11 16:00:00	0.0000	6.0117	0.0000	1.5161	0.0000	0.0000	0.0000		
2016-11-11 16:15:00	0.0000	6.0117	0.0000	1.5161 1.5161	0.0000	0.0000	0.0000		
2016-11-11 16:35:00	0.0000	6.0117	0.0000	1.5161	0.0000	0.0000	0.0000		
2016-11-11 17:00:00	0.0000	6.0117	0.0000	1.5161	0.0000	0.0000	0.0000		
2016-11-11 17:05:00	0.0000	6.0117	0.0000	1.5161	0.0000	0.0000	0.0000		
2016-11-11 17:13:00	0.0000	6.0117	0.0000	1.5161	0.0000	0.0000	0.0000		
2016-11-11 17:45:00	0.0000	6.0117	0.0000	1.1945	0.0000	0.0000	0.0000		
2016-11-11 17:43:00	0.0000	6.0117	0.0000	0.5821	0.0000	0.0000	0.0000		
2016-11-11 18:00:00	0.0000	6.0117	0.0000	0.2901	0.0000	0.0000	0.0000		
2016-11-11 18:15:00	0.0000	6.0117	0.0000	0.2901	0.0000	0.0000	0.0000		
2016-11-11 18:45:00	0.0000	6.0117	0.0000	0.0307	0.0000	0.0000	0.0000		
2016-11-11 19:00:00	0.0000	6.0117	0.0000	0.2114	0.0000	0.0000	0.0000		
2016-11-11 19:15:00	0.0000	6.0117	0.0000	0.3236	0.0000	0.0000	0.0000		
2016-11-11 19:30:00	0.0000	6.0117	0.0000	0.1913	0.0000	0.0000	0.0000		
2016-11-11 19:45:00	0.0000	6.0117	0.0000	0.0511	0.0000	0.0000	0.0000		
2016-11-11 20:00:00	0.0000	6.0117	0.0000	0.0849	0.0000	0.0000	0.0000		
2016-11-11 20:15:00	0.0000	6.0117	0.0000	0.0660	0.0000	0.0000	0.0000		
2016-11-11 20:30:00	0.0000	6.0117	0.0000	0.1430	0.0000	0.0000	0.0000		
2016-11-11 20:45:00	0.0000	6.0117	0.0000	0.0805	0.0000	0.0000	0.0000		
2016-11-11 21:00:00	0.0000	6.0117	0.0000	0.1794	0.0000	0.0000	0.0000		
2016-11-11 21:15:00	0.0000	6.0117	0.0000	0.1404	0.0000	0.0000	0.0000		
2016-11-11 21:30:00	0.0000	6.0117	0.0000	0.1105	0.0000	0.0000	0.0000		
2016-11-11 21:45:00	0.0000	6.0117	0.0000	0.1108	0.0000	0.0000	0.0000		
2016-11-11 22:00:00	0.0000	6.0117	0.0000	0.1583	0.0000	0.0000	0.0000		
2016-11-11 22:15:00	0.0000	6.0117	0.0000	0.1731	0.0000	0.0000	0.0000		
2016-11-11 22:30:00	0.0000	6.0117	0.0000	0.1192	0.0000	0.0000	0.0000		
2016-11-11 22:45:00	0.0000	6.0117	0.0000	0.0961	0.0000	0.0000	0.0000		
2016-11-11 23:00:00	0.0000	6.0117	0.0000	0.1369	0.0000	0.0000	0.0000		
2016-11-11 23:15:00	0.0000	6.0117	0.0000	0.1633	0.0000	0.0000	0.0000		
2016-11-11 23:30:00	0.0000	6.0117	0.0000	0.1141	0.0000	0.0000	0.0000		
2016-11-11 23:45:00	0.0000	6.0117	0.0000	0.1075	0.0000	0.0000	0.0000		
2016-11-12 00:00:00	0.0000	6.0117	0.0000	0.1429	0.0000	0.0000	0.0000		
2016-11-12 00:15:00	0.0000	6.0117	0.0000	0.1257	0.0000	0.0000	0.0000		
2016-11-12 00:30:00	0.0000	6.0117	0.0000	0.0823	0.0000	0.0000	0.0000		
2016-11-12 00:45:00	0.0000	6.0117	0.0000	0.0615	0.0000	0.0000	0.0000		
2016-11-12 01:00:00	0.0000	6.0117	0.0000	0.0411	0.0000	0.0000	0.0000		
2016-11-12 01:15:00	0.0000	6.0117	0.0000	0.1097	0.0000	0.0000	0.0000		
2016-11-12 01:30:00	0.0000	6.0117	0.0000	0.1147	0.0000	0.0000	0.0000		
2016-11-12 01:45:00	0.0000	6.0117	0.0000	0.0901	0.0000	0.0000	0.0000		
2016-11-12 02:00:00	0.0000	6.0117	0.0000	0.1130	0.0000	0.0000	0.0000		
2016-11-12 02:15:00	0.0000	6.0117	0.0000	0.0890	0.0000	0.0000	0.0000		
2016-11-12 02:30:00	0.0000	6.0117	0.0000	0.1086	0.0000	0.0000	0.0000		
2016-11-12 02:45:00	0.0000	6.0117	0.0000	0.0820	0.0000	0.0000	0.0000		
2016-11-12 03:00:00	0.0000	6.0117	0.0000	0.0794	0.0000	0.0000	0.0000		
2016-11-12 03:15:00	0.0000	6.0117	0.0000	0.0970	0.0000	0.0000	0.0000		
2016-11-12 03:30:00	0.0000	6.0117	0.0000	0.1301	0.0000	0.0000	0.0000		
2016-11-12 03:45:00	0.0000	6.0117	0.0000	0.1097	0.0000	0.0000	0.0000		
2016-11-12 04:00:00	0.0000	6.0117	0.0000	0.0832	0.0000	0.0000	0.0000		
2016-11-12 04:15:00	0.0000	6.0117	0.0000	0.1258	0.0000	0.0000	0.0000		
2016-11-12 04:30:00	0.0000	6.0117	0.0000	0.0854	0.0000	0.0000	0.0000		
2016-11-12 04:45:00	0.0000	6.0117	0.0000	0.1445	0.0000	0.0000	0.0000		
2016-11-12 05:00:00	0.0000	6.0117	0.0000	0.1171	0.0000	0.0000	0.0000		
2016-11-12 05:15:00	0.0000	6.0117	0.0000	0.1332	0.0000	0.0000	0.0000		
2016-11-12 05:30:00	0.0000	6.0117	0.0000	0.0772	0.0000	0.0000	0.0000		
2016-11-12 05:45:00	0.0000	6.0117	0.0000	0.1236	0.0000	0.0000	0.0000		
2016-11-12 06:00:00	0.0000	6.0117	0.0000	0.1236	0.0000	0.0000	0.0000		
2016-11-12 06:15:00	0.0000	6.0117	0.0000	0.0942	0.0000	0.0000	0.0000		
2016-11-12 06:30:00	0.0000	6.0117	0.0000	0.1257	0.0000	0.0000	0.0000		
2016-11-12 06:45:00	0.0000	6.0117	0.0000	0.2132	0.0000	0.0000	0.0000		
2016-11-12 07:00:00	0.0000	6.0117	0.0000	0.2292	0.0000	0.0000	0.0000		
2016-11-12 07:15:00	0.0000	6.0117	0.0000	0.2299	0.0000	0.0000	0.0000		
2016-11-12 07:30:00	0.0000	6.0117	0.0000	0.2561	0.0000	0.0000	0.0000		
2016-11-12 07:45:00	0.0000	6.0117	0.0000	0.2561	0.0000	0.0000	0.0000		
2016-11-12 08:00:00	0.0000	6.0117	0.0000	0.2319	0.0000	0.0000	0.0000		

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-12 08:15:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 08:30:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 08:45:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 09:00:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 09:15:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 09:30:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 09:45:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 10:00:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 10:15:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 10:30:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 10:45:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 11:00:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 11:15:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 11:30:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 11:45:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 12:00:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 12:15:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 12:30:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 12:45:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 13:00:00	0.0000	6.0117	0.0000	0.1881	0.0000	0.0000	0.0000
2016-11-12 13:15:00	0.0000	6.0117	0.0000	0.1881 0.1881	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-11-12 13:30:00	0.0000	6.0117	0.0000 0.0000	0.1881 0.2127	0.0000	0.0000	0.0000
2016-11-12 13:45:00 2016-11-12 14:00:00	0.0000 0.0000	6.0117 6.0117	0.0000	0.2127	0.0000	0.0000	0.0000
			0.0000		0.0000	0.0000	0.0000
2016-11-12 14:15:00 2016-11-12 14:30:00	0.0000 0.0000	6.0117 6.0117	0.0000	0.2565 0.2873	0.0000	0.0000	0.0000
2016-11-12 14:45:00	0.0000	6.0117	0.0000	0.2107	0.0000	0.0000	0.0000
2016-11-12 15:00:00	0.0000	6.0117	0.0000	0.1787	0.0000	0.0000	0.0000
2016-11-12 15:15:00	0.0000	6.0117	0.0000	0.1662	0.0000	0.0000	0.0000
2016-11-12 15:30:00	0.0000	6.0117	0.0000	0.1120	0.0000	0.0000	0.0000
2016-11-12 15:45:00	0.0000	6.0117	0.0000	0.1120	0.0000	0.0000	0.0000
2016-11-12 16:00:00	0.0000	6.0117	0.0000	0.0569	0.0000	0.0000	0.0000
2016-11-12 16:15:00	0.0000	6.0117	0.0000	0.0376	0.0000	0.0000	0.0000
2016-11-12 16:30:00	0.0000	6.0117	0.0000	0.0385	0.0000	0.0000	0.0000
2016-11-12 16:45:00	0.0000	6.0117	0.0000	0.0385	0.0000	0.0000	0.0000
2016-11-12 17:00:00	0.0000	6.0117	0.0000	0.0385	0.0000	0.0000	0.0000
2016-11-12 17:15:00	0.0000	6.0117	0.0000	0.0385	0.0000	0.0000	0.0000
2016-11-12 17:30:00	0.0000	6.0117	0.0000	0.0385	0.0000	0.0000	0.0000
2016-11-12 17:45:00	0.0000	6.0117	0.0000	0.0385	0.0000	0.0000	0.0000
2016-11-12 18:00:00	0.0000	6.0117	0.0000	0.0515	0.0000	0.0000	0.0000
2016-11-12 18:15:00	0.0000	6.0117	0.0000	0.0892	0.0000	0.0000	0.0000
2016-11-12 18:30:00	0.0000	6.0117	0.0000	0.1289	0.0000	0.0000	0.0000
2016-11-12 18:45:00	0.0000	6.0117	0.0000	0.1992	0.0000	0.0000	0.0000
2016-11-12 19:00:00	0.0000	6.0117	0.0000	0.1691	0.0000	0.0000	0.0000
2016-11-12 19:15:00	0.0000	6.0117	0.0000	0.1754	0.0000	0.0000	0.0000
2016-11-12 19:30:00	0.0000	6.0117	0.0000	0.1718	0.0000	0.0000	0.0000
2016-11-12 19:45:00	0.0000	6.0117	0.0000	0.1559	0.0000	0.0000	0.0000
2016-11-12 20:00:00	0.0000	6.0117	0.0000	0.1629	0.0000	0.0000	0.0000
2016-11-12 20:15:00	0.0000	6.0117	0.0000	0.1749	0.0000	0.0000	0.0000
2016-11-12 20:30:00	0.0000	6.0117	0.0000	0.2115	0.0000	0.0000	0.0000
2016-11-12 20:45:00	0.0000	6.0117	0.0000	0.1796	0.0000	0.0000	0.0000
2016-11-12 21:00:00	0.0000	6.0117	0.0000	0.2325	0.0000	0.0000	0.0000
2016-11-12 21:15:00	0.0000	6.0117	0.0000	0.1415	0.0000	0.0000	0.0000
2016-11-12 21:30:00	0.0000	6.0117	0.0000	0.0966	0.0000	0.0000	0.0000
2016-11-12 21:45:00	0.0000	6.0117	0.0000	0.1199	0.0000	0.0000	0.0000
2016-11-12 22:00:00	0.0000	6.0117	0.0000	0.1685	0.0000	0.0000	0.0000
2016-11-12 22:15:00	0.0000	6.0117	0.0000	0.1082	0.0000	0.0000	0.0000
2016-11-12 22:30:00	0.0000	6.0117	0.0000	0.1512	0.0000	0.0000	0.0000
2016-11-12 22:45:00	0.0000	6.0117	0.0000	0.1887	0.0000	0.0000	0.0000
2016-11-12 23:00:00	0.0000	6.0117	0.0000	0.2170	0.0000	0.0000	0.0000
2016-11-12 23:15:00	0.0000	6.0117	0.0000	0.1828	0.0000	0.0000	0.0000
2016-11-12 23:30:00	0.0000	6.0117	0.0000	0.1768	0.0000	0.0000	0.0000
2016-11-12 23:45:00	0.0000	6.0117	0.0000	0.1421	0.0000	0.0000	0.0000
2016-11-13 00:00:00	0.0000	6.0117	0.0000	0.1796	0.0000	0.0000	0.0000
2016-11-13 00:15:00	0.0000	6.0117	0.0000	0.1477	0.0000	0.0000	0.0000
2016-11-13 00:30:00	0.0000	6.0117	0.0000	0.1720	0.0000	0.0000	0.0000
2016-11-13 00:45:00	0.0000	6.0117	0.0000	0.1623	0.0000	0.0000	0.0000
2016-11-13 01:00:00	0.0000	6.0117	0.0000	0.1915	0.0000	0.0000	0.0000
2016-11-13 01:15:00	0.0000	6.0117	0.0000	0.1971	0.0000	0.0000	0.0000
2016-11-13 01:30:00	0.0000	6.0117	0.0000	0.1843	0.0000	0.0000	0.0000
2016-11-13 01:45:00	0.0000	6.0117	0.0000	0.1371	0.0000	0.0000	0.0000
2016-11-13 02:00:00	0.0000	6.0117	0.0000	0.1726	0.0000	0.0000	0.0000
2016-11-13 02:15:00	0.0000	6.0117	0.0000	0.1571	0.0000	0.0000	0.0000
2016-11-13 02:30:00	0.0000	6.0117	0.0000	0.1826	0.0000	0.0000	0.0000
2016-11-13 02:45:00	0.0000	6.0117	0.0000	0.1826	0.0000	0.0000	0.0000

	Point Source Air Emissions - A2 Nitric Acid Stack									
Parameter	Volumetric Flow Rate		Ох	NH3		N	20			
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s			
2016-11-13 03:00:00	0.0000	6.0117	0.0000	0.1510	0.0000	0.0000	0.0000			
2016-11-13 03:15:00 2016-11-13 03:30:00	0.0000 0.0000	6.0117 6.0117	0.0000 0.0000	0.1331 0.1612	0.0000 0.0000	0.0000 0.0000	0.0000			
2016-11-13 03:30:00	0.0000	6.0117	0.0000	0.1612	0.0000	0.0000	0.0000			
2016-11-13 03:43:00	0.0000	6.0117	0.0000	0.2032	0.0000	0.0000	0.0000			
2016-11-13 04:15:00	0.0000	6.0117	0.0000	0.1037	0.0000	0.0000	0.0000			
2016-11-13 04:30:00	0.0000	6.0117	0.0000	0.1576	0.0000	0.0000	0.0000			
2016-11-13 04:45:00	0.0000	6.0117	0.0000	0.2012	0.0000	0.0000	0.0000			
2016-11-13 05:00:00	0.0000	6.0117	0.0000	0.2238	0.0000	0.0000	0.0000			
2016-11-13 05:15:00	0.0000	6.0117	0.0000	0.1919	0.0000	0.0000	0.0000			
2016-11-13 05:30:00	0.0000	6.0117	0.0000	0.1519	0.0000	0.0000	0.0000			
2016-11-13 05:45:00	0.0000	6.0117	0.0000	0.1420	0.0000	0.0000	0.0000			
2016-11-13 06:00:00	0.0000	6.0117	0.0000	0.1958	0.0000	0.0000	0.0000			
2016-11-13 06:15:00	0.0000	6.0117	0.0000	0.1648	0.0000	0.0000	0.0000			
2016-11-13 06:30:00	0.0000 0.0000	6.0117 6.0117	0.0000 0.0000	0.1880 0.3038	0.0000 0.0000	0.0000 0.0000	0.0000			
2016-11-13 06:45:00 2016-11-13 07:00:00	0.0000	6.0117	0.0000	0.3038	0.0000	0.0000	0.0000			
2016-11-13 07:05:00	0.0000	6.0117	0.0000	0.3912	0.0000	0.0000	0.0000			
2016-11-13 07:30:00	0.0000	6.0117	0.0000	0.3625	0.0000	0.0000	0.0000			
2016-11-13 07:45:00	0.0000	6.0117	0.0000	0.3429	0.0000	0.0000	0.0000			
2016-11-13 08:00:00	0.0000	6.0117	0.0000	0.3019	0.0000	0.0000	0.0000			
2016-11-13 08:15:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 08:30:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 08:45:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 09:00:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 09:15:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 09:30:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 09:45:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 10:00:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 10:15:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 10:30:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 10:45:00 2016-11-13 11:00:00	0.0000 0.0000	6.0117 6.0117	0.0000 0.0000	0.2973 0.2973	0.0000 0.0000	0.0000 0.0000	0.0000			
2016-11-13 11:00:00	0.0000	6.0117	0.0000	0.2973	0.0000	0.0000	0.0000			
2016-11-13 11:30:00	0.0000	6.0117	0.0000	0.2254	0.0000	0.0000	0.0000			
2016-11-13 11:45:00	0.0000	6.0117	0.0000	0.2461	0.0000	0.0000	0.0000			
2016-11-13 12:00:00	0.0000	6.0117	0.0000	0.2980	0.0000	0.0000	0.0000			
2016-11-13 12:15:00	0.0000	6.0117	0.0000	0.2596	0.0000	0.0000	0.0000			
2016-11-13 12:30:00	0.0000	6.0117	0.0000	0.1826	0.0000	0.0000	0.0000			
2016-11-13 12:45:00	0.0000	6.0117	0.0000	0.1826	0.0000	0.0000	0.0000			
2016-11-13 13:00:00	0.0000	6.0117	0.0000	0.1908	0.0000	0.0000	0.0000			
2016-11-13 13:15:00	0.0000	6.0117	0.0000	0.2439	0.0000	0.0000	0.0000			
2016-11-13 13:30:00	0.0000	6.0117	0.0000	0.2730	0.0000	0.0000	0.0000			
2016-11-13 13:45:00	0.0000	6.0117	0.0000	0.2544	0.0000	0.0000	0.0000			
2016-11-13 14:00:00	0.0000	6.0117	0.0000	0.2623	0.0000	0.0000	0.0000			
2016-11-13 14:15:00	0.0000	6.0117	0.0000	0.1978	0.0000	0.0000	0.0000			
2016-11-13 14:30:00 2016-11-13 14:45:00	0.0000 0.0000	6.0117 6.0117	0.0000 0.0000	0.1413 0.0929	0.0000 0.0000	0.0000 0.0000	0.0000			
2016-11-13 14:43:00	0.0000	6.0117	0.0000	0.0415	0.0000	0.0000	0.0000			
2016-11-13 15:05:00	0.0000	6.0117	0.0000	0.0394	0.0000	0.0000	0.0000			
2016-11-13 15:30:00	0.0000	6.0117	0.0000	0.0336	0.0000	0.0000	0.0000			
2016-11-13 15:45:00	0.0000	6.0117	0.0000	0.0336	0.0000	0.0000	0.0000			
2016-11-13 16:00:00	0.0000	6.0117	0.0000	0.0336	0.0000	0.0000	0.0000			
2016-11-13 16:15:00	0.0000	6.0117	0.0000	0.0336	0.0000	0.0000	0.0000			
2016-11-13 16:30:00	0.0000	6.0117	0.0000	0.0336	0.0000	0.0000	0.0000			
2016-11-13 16:45:00	0.0000	6.0117	0.0000	0.0336	0.0000	0.0000	0.0000			
2016-11-13 17:00:00	0.0000	6.0117	0.0000	0.0336	0.0000	0.0000	0.0000			
2016-11-13 17:15:00	0.0000	6.0117	0.0000	0.0336	0.0000	0.0000	0.0000			
2016-11-13 17:30:00	0.0000	6.0117	0.0000	0.0336	0.0000	0.0000	0.0000			
2016-11-13 17:45:00	0.0000	6.0117	0.0000	0.0336	0.0000	0.0000	0.0000			
2016-11-13 18:00:00	0.0000	6.0117 6.0117	0.0000 0.0000	0.0570	0.0000	0.0000 0.0000	0.0000			
2016-11-13 18:15:00 2016-11-13 18:30:00	0.0000 0.0000	6.0117	0.0000	0.2424 0.2350	0.0000 0.0000	0.0000	0.0000			
2016-11-13 18:45:00	0.0000	6.0117	0.0000	0.2350	0.0000	0.0000	0.0000			
2016-11-13 19:00:00	0.0000	6.0117	0.0000	0.2014	0.0000	0.0000	0.0000			
2016-11-13 19:15:00	0.0000	6.0117	0.0000	0.1290	0.0000	0.0000	0.0000			
2016-11-13 19:30:00	0.0000	6.0117	0.0000	0.1323	0.0000	0.0000	0.0000			
2016-11-13 19:45:00	0.0000	6.0117	0.0000	0.1506	0.0000	0.0000	0.0000			
2016-11-13 20:00:00	0.0000	6.0117	0.0000	0.1394	0.0000	0.0000	0.0000			
2016-11-13 20:15:00	0.0000	6.0117	0.0000	0.1337	0.0000	0.0000	0.0000			
	0.0000	6.0117	0.0000	0.1653	0.0000	0.0000	0.0000			
2016-11-13 20:30:00	0.0000									
2016-11-13 20:30:00 2016-11-13 20:45:00	0.0000	6.0117	0.0000	0.1599	0.0000	0.0000	0.0000			
	0.0000 0.0000	6.0117 6.0117	0.0000	0.1599 0.0755	0.0000 0.0000	0.0000	0.0000			
2016-11-13 20:45:00	0.0000	6.0117								

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-13 21:45:00	0.0000	6.0117	0.0000	0.1219	0.0000	0.0000	0.0000
2016-11-13 22:00:00	0.0000	6.0117	0.0000	0.1343	0.0000	0.0000	0.0000
2016-11-13 22:15:00	0.0000	6.0117	0.0000	0.1161	0.0000	0.0000	0.0000
2016-11-13 22:30:00	0.0000	6.0117	0.0000	0.1727	0.0000	0.0000	0.0000
2016-11-13 22:45:00	0.0000	6.0117	0.0000	0.1334	0.0000	0.0000	0.0000
2016-11-13 23:00:00	0.0000	6.0117	0.0000	0.1676	0.0000	0.0000	0.0000
2016-11-13 23:15:00	0.0000	6.0117	0.0000	0.1606	0.0000	0.0000	0.0000
2016-11-13 23:30:00	0.0000	6.0117	0.0000	0.1329	0.0000	0.0000	0.0000
2016-11-13 23:45:00	0.0000	6.0117	0.0000	0.1190	0.0000	0.0000	0.0000
2016-11-14 00:00:00	0.0000	6.0117	0.0000	0.1234	0.0000	0.0000	0.0000
2016-11-14 00:15:00	0.0000	6.0117	0.0000	0.1093	0.0000	0.0000	0.0000
2016-11-14 00:30:00	0.0000	6.0117	0.0000	0.1396	0.0000	0.0000	0.0000
2016-11-14 00:45:00	0.0000	6.0117	0.0000	0.1135	0.0000	0.0000	0.0000
2016-11-14 01:00:00	0.0000	6.0117	0.0000 0.0000	0.0821 0.0939	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-11-14 01:15:00	0.0000	6.0117					
2016-11-14 01:30:00	0.0000	6.0117	0.0000	0.1008	0.0000	0.0000	0.0000
2016-11-14 01:45:00	0.0000	6.0117	0.0000	0.1017	0.0000	0.0000	0.0000
2016-11-14 02:00:00 2016-11-14 02:15:00	0.0000	6.0117	0.0000 0.0000	0.1077	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-11-14 02:15:00 2016-11-14 02:30:00	0.0000	6.0117	0.0000	0.1140 0.1140	0.0000	0.0000	0.0000
2016-11-14 02:30:00	0.0000	6.0117	0.0000	0.1140	0.0000	0.0000	0.0000
2016-11-14 02:45:00	0.0000 0.0000	6.0117 6.0117	0.0000	0.0937	0.0000	0.0000	0.0000
2016-11-14 03:00:00	0.0000	6.0117	0.0000	0.1339	0.0000	0.0000	0.0000
2016-11-14 03:15:00 2016-11-14 03:30:00	0.0000	6.0117	0.0000	0.1229	0.0000	0.0000	0.0000
2016-11-14 03:45:00	0.0000	6.0117	0.0000	0.1346	0.0000	0.0000	0.0000
2016-11-14 04:00:00	0.0000	6.0117	0.0000	0.1346	0.0000	0.0000	0.0000
2016-11-14 04:15:00	0.0000	6.0117	0.0000	0.1346	0.0000	0.0000	0.0000
2016-11-14 04:30:00	0.0000	6.0117	0.0000	0.1346	0.0000	0.0000	0.0000
2016-11-14 04:45:00	0.0000	6.0117	0.0000	0.1346	0.0000	0.0000	0.0000
2016-11-14 05:00:00	0.0000	6.0117	0.0000	0.1346	0.0000	0.0000	0.0000
2016-11-14 05:15:00	0.0000	6.0117	0.0000	0.1346	0.0000	0.0000	0.0000
2016-11-14 05:30:00	0.0000	6.0117	0.0000	0.1346	0.0000	0.0000	0.0000
2016-11-14 05:45:00	0.0000	6.0117	0.0000	0.1346	0.0000	0.0000	0.0000
2016-11-14 06:00:00	0.0000	6.0117	0.0000	0.1346	0.0000	0.0000	0.0000
2016-11-14 06:15:00	0.0000	6.0117	0.0000	0.1204	0.0000	0.0000	0.0000
2016-11-14 06:30:00	0.0000	6.0117	0.0000	0.2019	0.0000	0.0000	0.0000
2016-11-14 06:45:00	0.0000	6.0117	0.0000	0.2833	0.0000	0.0000	0.0000
2016-11-14 07:00:00	0.0000	6.0117	0.0000	0.2817	0.0000	0.0000	0.0000
2016-11-14 07:15:00	0.0000	6.0117	0.0000	0.2583	0.0000	0.0000	0.0000
2016-11-14 07:30:00	0.0000	6.0117	0.0000	0.2502	0.0000	0.0000	0.0000
2016-11-14 07:45:00	0.0000	6.0117	0.0000	0.1720	0.0000	0.0000	0.0000
2016-11-14 08:00:00	0.0000	6.0117	0.0000	0.1770	0.0000	0.0000	0.0000
2016-11-14 08:15:00	0.0000	6.0117	0.0000	0.2427	0.0000	0.0000	0.0000
2016-11-14 08:30:00	0.0000	6.0117	0.0000	0.2301	0.0000	0.0000	0.0000
2016-11-14 08:45:00	0.0000	6.0117	0.0000	0.2280	0.0000	0.0000	0.0000
2016-11-14 09:00:00	0.0000	6.0117	0.0000	0.2280	0.0000	0.0000	0.0000
2016-11-14 09:15:00	0.0000	6.0117	0.0000	0.2280	0.0000	0.0000	0.0000
2016-11-14 09:30:00	0.0000	6.0117	0.0000	0.2280	0.0000	0.0000	0.0000
2016-11-14 09:45:00	0.0000	6.0117	0.0000	0.2280	0.0000	0.0000	0.0000
2016-11-14 10:00:00	0.0000	6.0117	0.0000	0.2280	0.0000	0.0000	0.0000
2016-11-14 10:15:00	0.0000	6.0117	0.0000	0.2280	0.0000	0.0000	0.0000
2016-11-14 10:30:00	11.5741	6.0117	0.0696	0.2280	0.0026	0.0000	0.0000
2016-11-14 10:45:00	24.3310	6.0117	0.1463	0.1304	0.0032	0.0000	0.0000
2016-11-14 11:00:00	24.3542	6.0117	0.1464	0.1863	0.0045	0.0000	0.0000
2016-11-14 11:15:00	24.2762	6.0117	0.1459	0.2259	0.0055	0.0000	0.0000
2016-11-14 11:30:00	24.3273	6.0117	0.1462	0.2259	0.0055	0.0000	0.0000
2016-11-14 11:45:00	24.3346	6.0117	0.1463	0.2259	0.0055	0.0000	0.0000
2016-11-14 12:00:00	24.3501	6.0117	0.1464	0.2259	0.0055	0.0000	0.0000
2016-11-14 12:15:00	24.3187	6.0117	0.1462	0.2259	0.0055	0.0000	0.0000
2016-11-14 12:30:00	24.3371	6.0117	0.1463	0.2259	0.0055	0.0000	0.0000
2016-11-14 12:45:00	24.3600	6.0117	0.1464	0.2259	0.0055	0.0000	0.0000
2016-11-14 13:00:00	24.3981	6.0117	0.1467	0.2259	0.0055	0.0000	0.0000
2016-11-14 13:15:00	24.2901	6.0117	0.1460	0.2259	0.0055	0.0000	0.0000
2016-11-14 13:30:00	24.2836	6.0117	0.1460	0.2259	0.0055	0.0000	0.0000
2016-11-14 13:45:00	24.4586	6.0117	0.1470	0.2259	0.0055	0.0000	0.0000
2016-11-14 14:00:00	24.3519	6.0117	0.1464	0.2259	0.0055	0.0000	0.0000
2016-11-14 14:15:00	24.4053	6.0117	0.1467	0.2259	0.0055	0.0000	0.0000
2016-11-14 14:30:00	24.4953	6.0117	0.1473	0.2259	0.0055	0.0000	0.0000
2016-11-14 14:45:00	24.4935	6.0117	0.1472	0.2396	0.0059	0.0000	0.0000
2016-11-14 15:00:00	24.3562	6.0117	0.1464	0.2723	0.0066	0.0000	0.0000
2016-11-14 15:15:00	24.5237	6.0117	0.1474	0.2495	0.0061	0.0000	0.0000
2016-11-14 15:30:00	24.4250	6.0117	0.1468	0.1199	0.0029	0.0000	0.0000
2016-11-14 15:45:00	24.5053	6.0117	0.1473	0.1235	0.0030	0.0000	0.0000
2016-11-14 16:00:00	24.4858	6.0117	0.1472	0.0501	0.0012	0.0000	0.0000
2016-11-14 16:15:00	24.3486	6.0117	0.1464	0.1199	0.0029	0.0000	0.0000

	Stack						
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-14 16:30:00	24.3398	6.0117	0.1463	0.2412	0.0059	0.0000	0.0000
2016-11-14 16:45:00	24.3441	6.0117	0.1463	0.2423	0.0059	0.0000	0.0000
2016-11-14 17:00:00	24.3674	6.0117	0.1465	0.2764	0.0067	0.0000	0.0000
2016-11-14 17:15:00	24.4641	6.0117	0.1471	0.2640	0.0065	0.0000	0.0000
2016-11-14 17:30:00	24.5213	6.0117	0.1474	0.1139	0.0028	0.0000	0.0000
2016-11-14 17:45:00	24.4196	6.0117	0.1468	0.0602	0.0015	0.0000	0.0000
2016-11-14 18:00:00	24.3995	6.0117	0.1467	0.1813	0.0044	0.0000	0.0000
2016-11-14 18:15:00 2016-11-14 18:30:00	24.3614 24.3617	6.0117 6.0117	0.1465 0.1465	0.1365 0.1287	0.0033 0.0031	0.0000 0.0000	0.0000
			0.1466	0.1287	0.0031	0.0000	0.0000
2016-11-14 18:45:00 2016-11-14 19:00:00	24.3819	6.0117	0.1466	0.1821	0.0044	0.0000	0.0000
	24.3819 24.4542	6.0117 6.0117	0.1470	0.1437	0.0038	0.0000	0.0000
2016-11-14 19:15:00 2016-11-14 19:30:00	24.4270	6.0117	0.1470	0.1338	0.0038	0.0000	0.0000
2016-11-14 19:35:00	24.4370	6.0117	0.1468	0.1403	0.0034	0.0000	0.0000
2016-11-14 19:43:00	24.3554	6.0117	0.1464	0.1662	0.0041	0.0000	0.0000
2016-11-14 20:15:00	24.4688	6.0117	0.1404	0.1451	0.0035	0.0000	0.0000
2016-11-14 20:30:00	24.4444	6.0117	0.1471	0.1622	0.0040	0.0000	0.0000
2016-11-14 20:45:00	24.4454	6.0117	0.1470	0.1035	0.0025	0.0000	0.0000
2016-11-14 21:00:00	24.3707	6.0117	0.1465	0.1133	0.0028	0.0000	0.0000
2016-11-14 21:15:00	24.4299	6.0117	0.1469	0.1636	0.0040	0.0000	0.0000
2016-11-14 21:30:00	24.4443	6.0117	0.1470	0.0938	0.0023	0.0000	0.0000
2016-11-14 21:45:00	24.4403	6.0117	0.1469	0.0307	0.0008	0.0000	0.0000
2016-11-14 22:00:00	24.3931	6.0117	0.1466	0.0852	0.0021	0.0000	0.0000
2016-11-14 22:15:00	24.4038	6.0117	0.1467	0.0658	0.0016	0.0000	0.0000
2016-11-14 22:30:00	24.4717	6.0117	0.1471	0.0072	0.0002	0.0000	0.0000
2016-11-14 22:45:00	24.4202	6.0117	0.1468	0.1023	0.0025	0.0000	0.0000
2016-11-14 23:00:00	24.3062	6.0117	0.1461	0.1240	0.0030	0.0000	0.0000
2016-11-14 23:15:00	24.2622	6.0117	0.1459	0.1527	0.0037	0.0000	0.0000
2016-11-14 23:30:00	24.2130	6.0117	0.1456	0.0981	0.0024	0.0000	0.0000
2016-11-14 23:45:00	24.2412	6.0117	0.1457	0.1539	0.0037	0.0000	0.0000
2016-11-15 00:00:00	24.1959	6.0117	0.1455	0.1617	0.0039	0.0000	0.0000
2016-11-15 00:15:00	24.0648	6.0117	0.1447	0.1363	0.0033	0.0000	0.0000
2016-11-15 00:30:00	24.0296	6.0117	0.1445	0.1286	0.0031	0.0000	0.0000
2016-11-15 00:45:00	24.0281	6.0117	0.1444	0.1121	0.0027	0.0000	0.0000
2016-11-15 01:00:00	24.0193	6.0117	0.1444	0.0756	0.0018	0.0000	0.0000
2016-11-15 01:15:00	24.0084	6.0117	0.1443	0.0580	0.0014	0.0000	0.0000
2016-11-15 01:30:00	23.9224	6.0117	0.1438	0.0935	0.0022	0.0000	0.0000
2016-11-15 01:45:00	23.8807	6.0117	0.1436	0.0000	0.0000	0.0000	0.0000
2016-11-15 02:00:00	23.9074	6.0117	0.1437	0.0045	0.0001	0.0000	0.0000
2016-11-15 02:15:00	23.9042	6.0117	0.1437	0.0581	0.0014	0.0000	0.0000
2016-11-15 02:30:00	23.8571	6.0117	0.1434	0.1600	0.0038	0.0000	0.0000
2016-11-15 02:45:00	23.7930	6.0117	0.1430	0.1266	0.0030	0.0000	0.0000
2016-11-15 03:00:00	23.8444	6.0117	0.1433	0.1408	0.0034	0.0000	0.0000
2016-11-15 03:15:00	23.7825	6.0117	0.1430	0.1586	0.0038	0.0000	0.0000
2016-11-15 03:30:00	23.8022	6.0117	0.1431	0.1586	0.0038	0.0000	0.0000
2016-11-15 03:45:00	23.7452	6.0117	0.1427	0.1633	0.0039	0.0000	0.0000
2016-11-15 04:00:00	23.7847	6.0117	0.1430	0.1357	0.0032	0.0000	0.0000
2016-11-15 04:15:00	23.7851	6.0117	0.1430	0.1011	0.0024	0.0000	0.0000
2016-11-15 04:30:00	23.8405	6.0117	0.1433	0.1378	0.0033	0.0000	0.0000
2016-11-15 04:45:00	23.7989	6.0117	0.1431	0.0832	0.0020	0.0000	0.0000
2016-11-15 05:00:00	23.6847	6.0117	0.1424	0.1226	0.0029	0.0000	0.0000
2016-11-15 05:15:00	23.7726	6.0117	0.1429	0.0782	0.0019	0.0000	0.0000
2016-11-15 05:30:00	23.8374	6.0117	0.1433	0.0970	0.0023	0.0000	0.0000
2016-11-15 05:45:00	23.7750	6.0117	0.1429	0.1055	0.0025	0.0000	0.0000
2016-11-15 06:00:00	23.7104	6.0117	0.1425	0.1326	0.0031	0.0000	0.0000
2016-11-15 06:15:00	23.7603	6.0117	0.1428	0.1332	0.0032	0.0000	0.0000
2016-11-15 06:30:00	23.7285	6.0117	0.1426	0.1576	0.0037	0.0000	0.0000
2016-11-15 06:45:00	23.7727	6.0117	0.1429	0.1421	0.0034	0.0000	0.0000
2016-11-15 07:00:00	23.6665	6.0117	0.1423	0.1791	0.0042	0.0000	0.0000
2016-11-15 07:15:00	23.5931	6.0117	0.1418	0.1856	0.0044	0.0000	0.0000
2016-11-15 07:30:00	23.6894	6.0117	0.1424	0.1743	0.0041	0.0000	0.0000
2016-11-15 07:45:00	23.6346	6.0117	0.1421	0.2112	0.0050	0.0000	0.0000
2016-11-15 08:00:00	23.6355	6.0117	0.1421	0.2871	0.0068	0.0000	0.0000
2016-11-15 08:15:00	23.5622	6.0117	0.1416	0.2831	0.0067	0.0000	0.0000
2016-11-15 08:30:00	23.4571	6.0117	0.1410	0.2693	0.0063	0.0000	0.0000
2016-11-15 08:45:00	23.5340	6.0117	0.1415	0.2563	0.0060	0.0000	0.0000
2016-11-15 09:00:00	23.4098	6.0117	0.1407	0.3370	0.0079	0.0000	0.0000
2016-11-15 09:15:00	23.3617	6.0117	0.1404	0.2879	0.0067	0.0000	0.0000
2016-11-15 09:30:00	23.3893	6.0117	0.1406	0.3028	0.0071	0.0000	0.0000
2016-11-15 09:45:00	23.3800	6.0117	0.1406	0.1773	0.0041	0.0000	0.0000
2016-11-15 10:00:00	23.4355	6.0117	0.1409	0.1975	0.0046	0.0000	0.0000
2016-11-15 10:15:00	23.4392	6.0117	0.1409	0.1590	0.0037	0.0000	0.0000
2016-11-15 10:30:00	22.5310	6.0117	0.1355	0.0976	0.0022	0.0000	0.0000
2016-11-15 10:45:00	21.3258 21.2225	6.0117 6.0117	0.1282	0.2866	0.0061	0.0000	0.0000
2016-11-15 11:00:00		 60117 	0.1276	0.2631	0.0056	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-15 11:15:00	21.2734	6.0117	0.1279	0.2760	0.0059	0.0000	0.0000
2016-11-15 11:30:00	21.2968	6.0117	0.1280	0.3754	0.0080	0.0000	0.0000
2016-11-15 11:45:00	21.3069	6.0117	0.1281	0.3294	0.0070	0.0000	0.0000
2016-11-15 12:00:00	21.2553	6.0117	0.1278	0.2226	0.0047	0.0000	0.0000
2016-11-15 12:15:00	21.2002	6.0117	0.1274	0.0607	0.0013	0.0000	0.0000
2016-11-15 12:30:00	21.1795	6.0117	0.1273	0.1946	0.0041	0.0000	0.0000
2016-11-15 12:45:00	21.1687	6.0117	0.1273	0.2655	0.0056	0.0000	0.0000
2016-11-15 13:00:00	21.1630	6.0117	0.1272	0.0839	0.0018	0.0000	0.0000
2016-11-15 13:15:00 2016-11-15 13:30:00	21.1525	6.0117	0.1272	0.0741	0.0016	0.0000	0.0000
2016-11-15 13:30:00	21.2476 21.3386	6.0117 6.0117	0.1277 0.1283	0.0685 0.4731	0.0015 0.0101	0.0000 0.0000	0.0000 0.0000
2016-11-15 13:43:00	21.2678	6.0117	0.1283	0.8832	0.0101	0.0000	0.0000
2016-11-15 14:05:00	21.3881	6.0117	0.1279	0.0941	0.0020	0.0000	0.0000
2016-11-15 14:30:00	21.4014	6.0117	0.1287	0.0941	0.0020	0.0000	0.0000
2016-11-15 14:45:00	21.3913	6.0117	0.1286	0.0941	0.0020	0.0000	0.0000
2016-11-15 15:00:00	21.3969	6.0117	0.1286	0.0941	0.0020	0.0000	0.0000
2016-11-15 15:15:00	21.3835	6.0117	0.1286	0.0941	0.0020	0.0000	0.0000
2016-11-15 15:30:00	21.3640	6.0117	0.1284	0.0941	0.0020	0.0000	0.0000
2016-11-15 15:45:00	21.3416	6.0117	0.1283	0.0941	0.0020	0.0000	0.0000
2016-11-15 16:00:00	21.3310	6.0117	0.1282	0.0941	0.0020	0.0000	0.0000
2016-11-15 16:15:00	21.3316	6.0117	0.1282	0.0941	0.0020	0.0000	0.0000
2016-11-15 16:30:00	21.4148	6.0117	0.1287	0.0941	0.0020	0.0000	0.0000
2016-11-15 16:45:00	21.3870	6.0117	0.1286	0.0941	0.0020	0.0000	0.0000
2016-11-15 17:00:00	21.3929	6.0117	0.1286	0.0941	0.0020	0.0000	0.0000
2016-11-15 17:15:00	21.3774	6.0117	0.1285	0.0941	0.0020	0.0000	0.0000
2016-11-15 17:30:00	21.3165	6.0117	0.1281	0.0941	0.0020	0.0000	0.0000
2016-11-15 17:45:00	21.3078	6.0117	0.1281	4.8105	0.1025	0.0000	0.0000
2016-11-15 18:00:00	21.2899	6.0117	0.1280	4.3839	0.0933	0.0000	0.0000
2016-11-15 18:15:00	21.3128	6.0117	0.1281	1.9873	0.0424	0.0000	0.0000
2016-11-15 18:30:00	21.3476	6.0117	0.1283	0.0583	0.0012	0.0000	0.0000
2016-11-15 18:45:00	21.3316	6.0117	0.1282	0.1646	0.0035	0.0000	0.0000
2016-11-15 19:00:00	21.3281	6.0117	0.1282	0.1929	0.0041	0.0000	0.0000
2016-11-15 19:15:00	21.3929	6.0117	0.1286	0.1679	0.0036	0.0000	0.0000
2016-11-15 19:30:00	21.3490	6.0117	0.1283	0.0834	0.0018	0.0000	0.0000
2016-11-15 19:45:00	21.3895	6.0117	0.1286	0.2348	0.0050	0.0000	0.0000
2016-11-15 20:00:00	21.3296	6.0117	0.1282	0.4061	0.0087	0.0000	0.0000
2016-11-15 20:15:00	21.2828	6.0117	0.1279	0.1901	0.0040	0.0000	0.0000
2016-11-15 20:30:00	21.3383	6.0117	0.1283	0.1249	0.0027	0.0000	0.0000
2016-11-15 20:45:00	21.3910	6.0117	0.1286	0.2893	0.0062	0.0000	0.0000
2016-11-15 21:00:00	21.3380	6.0117	0.1283	0.1982	0.0042	0.0000	0.0000 0.0000
2016-11-15 21:15:00 2016-11-15 21:30:00	21.2855 21.3780	6.0117 6.0117	0.1280 0.1285	0.3425 0.2351	0.0073 0.0050	0.0000 0.0000	0.0000
2016-11-15 21:30:00	21.3780	6.0117	0.1283	0.2351	0.0030	0.0000	0.0000
2016-11-15 21:45:00	21.3102	6.0117	0.1281	0.3883	0.0023	0.0000	0.0000
2016-11-15 22:00:00	21.3944	6.0117	0.1285	2.9577	0.0633	0.0000	0.0000
2016-11-15 22:30:00	21.3237	6.0117	0.1280	0.2704	0.0058	0.0000	0.0000
2016-11-15 22:45:00	21.3378	6.0117	0.1282	0.1251	0.0038	0.0000	0.0000
2016-11-15 23:00:00	21.3453	6.0117	0.1283	0.6163	0.0132	0.0000	0.0000
2016-11-15 23:15:00	21.3930	6.0117	0.1286	0.4328	0.0093	0.0000	0.0000
2016-11-15 23:30:00	21.2285	6.0117	0.1276	2.6396	0.0560	0.0000	0.0000
2016-11-15 23:45:00	21.3722	6.0117	0.1285	0.1369	0.0029	0.0000	0.0000
2016-11-16 00:00:00	21.3809	6.0117	0.1285	0.3036	0.0065	0.0000	0.0000
2016-11-16 00:15:00	21.3400	6.0117	0.1283	0.1227	0.0026	0.0000	0.0000
2016-11-16 00:30:00	21.3522	6.0117	0.1284	0.1576	0.0034	0.0000	0.0000
2016-11-16 00:45:00	21.3278	6.0117	0.1282	0.0899	0.0019	0.0000	0.0000
2016-11-16 01:00:00	21.3558	6.0117	0.1284	0.1801	0.0038	0.0000	0.0000
2016-11-16 01:15:00	21.3616	6.0117	0.1284	0.1851	0.0040	0.0000	0.0000
2016-11-16 01:30:00	21.3778	6.0117	0.1285	0.1631	0.0035	0.0000	0.0000
2016-11-16 01:45:00	21.4537	6.0117	0.1290	0.2156	0.0046	0.0000	0.0000
2016-11-16 02:00:00	21.4339	6.0117	0.1289	0.0846	0.0018	0.0000	0.0000
2016-11-16 02:15:00	21.4448	6.0117	0.1289	0.1207	0.0026	0.0000	0.0000
2016-11-16 02:30:00	21.4411	6.0117	0.1289	0.1100	0.0024	0.0000	0.0000
2016-11-16 02:45:00	21.4328	6.0117	0.1288	0.0778	0.0017	0.0000	0.0000
2016-11-16 03:00:00	21.4878	6.0117	0.1292	0.0821	0.0018	0.0000	0.0000
2016-11-16 03:15:00	21.4564	6.0117	0.1290	0.1112	0.0024	0.0000	0.0000
2016-11-16 03:30:00	21.4461	6.0117	0.1289	0.1377	0.0030	0.0000	0.0000
2016-11-16 03:45:00	21.4406	6.0117	0.1289	0.1726	0.0037	0.0000	0.0000
2016-11-16 04:00:00	21.4366	6.0117	0.1289	0.1520	0.0033	0.0000	0.0000
2016-11-16 04:15:00	21.4925	6.0117	0.1292	0.1535	0.0033	0.0000	0.0000
2016-11-16 04:30:00	21.5229	6.0117	0.1294	0.1234	0.0027	0.0000	0.0000
2016-11-16 04:45:00	21.4598	6.0117	0.1290	0.1126	0.0024	0.0000	0.0000
2016-11-16 05:00:00	21.4607	6.0117	0.1290	0.1085	0.0023	0.0000	0.0000
2016-11-16 05:15:00	21.4932	6.0117	0.1292	0.1424	0.0031	0.0000	0.0000
	24 4450	6 0447	0.1300	0.0200	0.0000	0.0000	0.0000
2016-11-16 05:30:00 2016-11-16 05:45:00	21.4456 21.4196	6.0117 6.0117	0.1289 0.1288	0.0289 0.0804	0.0006 0.0017	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-11-16 06:00:00	21.4152	6.0117	0.1287	0.1050	0.0022	0.0000	0.0000	
2016-11-16 06:15:00	21.4113	6.0117	0.1287	0.1460	0.0031	0.0000	0.0000	
2016-11-16 06:30:00	21.4206	6.0117	0.1288	0.0565	0.0012	0.0000	0.0000	
2016-11-16 06:45:00	21.4611	6.0117	0.1290	0.0858	0.0018	0.0000	0.0000	
2016-11-16 07:00:00	21.4186	6.0117	0.1288	0.1066	0.0023	0.0000	0.0000	
2016-11-16 07:15:00	21.4261	6.0117	0.1288	0.1006	0.0022	0.0000	0.0000	
2016-11-16 07:30:00 2016-11-16 07:45:00	21.3602	6.0117	0.1284	0.1553	0.0033	0.0000	0.0000	
2016-11-16 07:45:00	21.3920 21.3949	6.0117 6.0117	0.1286 0.1286	0.1111 0.0466	0.0024 0.0010	0.0000 0.0000	0.0000 0.0000	
2016-11-16 08:00:00	21.4373	6.0117	0.1286	0.0466	0.0010	0.0000	0.0000	
2016-11-16 08:30:00	21.3683	6.0117	0.1285	0.1344	0.0029	0.0000	0.0000	
2016-11-16 08:45:00	21.2758	6.0117	0.1289	0.1323	0.0028	0.0000	0.0000	
2016-11-16 09:00:00	21.3450	6.0117	0.1273	0.2298	0.0049	0.0000	0.0000	
2016-11-16 09:15:00	21.1607	6.0117	0.1283	0.1470	0.0031	0.0000	0.0000	
2016-11-16 09:30:00	21.1771	6.0117	0.1272	0.2499	0.0053	0.0000	0.0000	
2016-11-16 09:45:00	21.2450	6.0117	0.1277	0.2502	0.0053	0.0000	0.0000	
2016-11-16 10:00:00	21.2940	6.0117	0.1280	0.1921	0.0041	0.0000	0.0000	
2016-11-16 10:15:00	21.2634	6.0117	0.1278	0.2017	0.0043	0.0000	0.0000	
2016-11-16 10:30:00	21.2655	6.0117	0.1278	0.1604	0.0034	0.0000	0.0000	
2016-11-16 10:45:00	21.2599	6.0117	0.1278	0.4463	0.0095	0.0000	0.0000	
2016-11-16 11:00:00	21.3210	6.0117	0.1282	0.0904	0.0019	0.0000	0.0000	
2016-11-16 11:15:00	21.2772	6.0117	0.1279	0.0240	0.0005	0.0000	0.0000	
2016-11-16 11:30:00	21.3235	6.0117	0.1282	0.0386	0.0008	0.0000	0.0000	
2016-11-16 11:45:00	21.2862	6.0117	0.1280	0.1764	0.0038	0.0000	0.0000	
2016-11-16 12:00:00	21.3127	6.0117	0.1281	0.8470	0.0181	0.0000	0.0000	
2016-11-16 12:15:00	21.3098	6.0117	0.1281	0.6300	0.0134	0.0000	0.0000	
2016-11-16 12:30:00	21.3313	6.0117	0.1282	0.8637	0.0184	0.0000	0.0000	
2016-11-16 12:45:00	21.3623	6.0117	0.1284	1.2454	0.0266	0.0000	0.0000	
2016-11-16 13:00:00	21.2785	6.0117	0.1279	6.2787	0.1336	0.0000	0.0000	
2016-11-16 13:15:00	21.2744	6.0117	0.1279	0.6423	0.0137	0.0000	0.0000	
2016-11-16 13:30:00	21.2180	18.4660	0.3918	0.2705	0.0057	0.0000	0.0000	
2016-11-16 13:45:00	21.2343	18.5395	0.3937	9.6821	0.2056	0.0000	0.0000	
2016-11-16 14:00:00	21.2099	6.0117	0.1275	0.4695	0.0100	0.0000	0.0000	
2016-11-16 14:15:00	21.2326	6.0117	0.1276	0.5304	0.0113	0.0000	0.0000	
2016-11-16 14:30:00	21.2740	6.0117	0.1279	0.3888	0.0083	0.0000	0.0000	
2016-11-16 14:45:00	21.3130	6.0117	0.1281	0.1433	0.0031	0.0000	0.0000	
2016-11-16 15:00:00	21.2063	6.0117	0.1275	1.1703	0.0248	0.0000	0.0000	
2016-11-16 15:15:00	21.2134	6.0117	0.1275	0.4438	0.0094	0.0000	0.0000	
2016-11-16 15:30:00	21.2548	6.0117	0.1278	0.1721	0.0037	0.0000	0.0000	
2016-11-16 15:45:00	21.2542	6.0117	0.1278	0.2873	0.0061	0.0000	0.0000	
2016-11-16 16:00:00	21.2576	6.0117	0.1278	0.1006	0.0021	0.0000	0.0000	
2016-11-16 16:15:00	21.3502	6.0117	0.1284	0.4562	0.0097	0.0000	0.0000	
2016-11-16 16:30:00	21.2921	6.0117	0.1280	0.1399	0.0030	0.0000	0.0000	
2016-11-16 16:45:00	21.3423	6.0117	0.1283	0.0484	0.0010	0.0000	0.0000	
2016-11-16 17:00:00	21.3102	6.0117	0.1281	0.2926	0.0062	0.0000	0.0000	
2016-11-16 17:15:00	21.2792	6.0117	0.1279	0.3142	0.0067	0.0000	0.0000	
2016-11-16 17:30:00	21.2999	6.0117	0.1280	0.1481	0.0032	0.0000	0.0000	
2016-11-16 17:45:00	21.3068	6.0117	0.1281	0.2231	0.0048	0.0000	0.0000	
2016-11-16 18:00:00	21.3911	6.0117	0.1286	0.1659	0.0035	0.0000	0.0000	
2016-11-16 18:15:00	21.3038	6.0117	0.1281	0.2075	0.0044	0.0000	0.0000	
2016-11-16 18:30:00	21.3296	6.0117	0.1282	0.1810	0.0039	0.0000	0.0000	
2016-11-16 18:45:00	21.3388	6.0117	0.1283	0.0664	0.0014	0.0000	0.0000	
2016-11-16 19:00:00	21.3657	6.0117	0.1284	0.1232	0.0026	0.0000	0.0000	
2016-11-16 19:15:00	21.4036	6.0117	0.1287	0.1046	0.0022	0.0000	0.0000	
2016-11-16 19:30:00	21.3629	6.0117	0.1284	0.1267	0.0027	0.0000	0.0000	
2016-11-16 19:45:00	21.3085	6.0117	0.1281	0.1100	0.0023	0.0000	0.0000	
2016-11-16 20:00:00	21.3851	6.0117	0.1286	0.1327	0.0028	0.0000	0.0000	
2016-11-16 20:15:00	21.3655	6.0117	0.1284	0.1189	0.0025	0.0000	0.0000	
2016-11-16 20:30:00	21.3561	6.0117	0.1284	0.1412	0.0030	0.0000	0.0000	
2016-11-16 20:45:00	21.3342	6.0117	0.1283	0.0911	0.0019	0.0000	0.0000	
2016-11-16 21:00:00	21.3944	6.0117	0.1286	0.0411	0.0009	0.0000	0.0000	
2016-11-16 21:15:00	21.4214	6.0117	0.1288	0.1099	0.0024	0.0000	0.0000	
2016-11-16 21:30:00	21.4277	6.0117	0.1288	0.0729	0.0016	0.0000	0.0000	
2016-11-16 21:45:00	21.4566	6.0117	0.1290	0.0945	0.0020	0.0000	0.0000	
2016-11-16 22:00:00	21.4701	6.0117	0.1291	0.0968	0.0021	0.0000	0.0000	
2016-11-16 22:15:00	21.4327	6.0117	0.1288	0.1051	0.0023	0.0000	0.0000	
2016-11-16 22:30:00	21.4646	6.0117	0.1290	0.1282	0.0028	0.0000	0.0000	
2016-11-16 22:45:00	21.4386	6.0117	0.1289	0.0739	0.0016	0.0000	0.0000	
2016-11-16 23:00:00	21.3604	6.0117	0.1284	0.0610	0.0013	0.0000	0.0000	
2016-11-16 23:15:00	21.4298	6.0117	0.1288	0.0993	0.0021	0.0000	0.0000	
2016-11-16 23:30:00	21.3730	6.0117	0.1285	0.1079	0.0023	0.0000	0.0000	
2016-11-16 23:45:00	21.3404	6.0117	0.1283	0.1206	0.0026	0.0000	0.0000	
2016-11-17 00:00:00	21.4014	6.0117	0.1287	0.1069	0.0023	0.0000	0.0000	
2016-11-17 00:15:00	21.3384	6.0117	0.1283	0.0722	0.0015	0.0000	0.0000	
2016-11-17 00:30:00	21.3579	6.0117	0.1284	0.1576	0.0034	0.0000	0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-17 00:45:00	21.3988	6.0117	0.1286	0.1729	0.0037	0.0000	0.0000
2016-11-17 01:00:00	21.3735	6.0117	0.1285	0.1122	0.0024	0.0000	0.0000
2016-11-17 01:15:00	21.3663	6.0117	0.1284	0.1067	0.0023	0.0000	0.0000
2016-11-17 01:30:00 2016-11-17 01:45:00	21.4141 21.4013	6.0117 6.0117	0.1287 0.1287	0.0867 0.1133	0.0019 0.0024	0.0000 0.0000	0.0000 0.0000
2016-11-17 01:45:00	21.4424	6.0117	0.1287	0.1133	0.0024	0.0000	0.0000
2016-11-17 02:05:00	21.4061	6.0117	0.1287	0.1699	0.0036	0.0000	0.0000
2016-11-17 02:30:00	21.4001	6.0117	0.1287	0.1204	0.0036	0.0000	0.0000
2016-11-17 02:45:00	21.4023	6.0117	0.1287	0.1241	0.0027	0.0000	0.0000
2016-11-17 03:00:00	21.4823	6.0117	0.1291	0.0719	0.0015	0.0000	0.0000
2016-11-17 03:15:00	21.5146	6.0117	0.1293	0.0691	0.0015	0.0000	0.0000
2016-11-17 03:30:00	21.4747	6.0117	0.1291	0.0698	0.0015	0.0000	0.0000
2016-11-17 03:45:00	21.4419	6.0117	0.1289	0.1142	0.0024	0.0000	0.0000
2016-11-17 04:00:00	21.4580	6.0117	0.1290	0.1111	0.0024	0.0000	0.0000
2016-11-17 04:15:00	21.5151	6.0117	0.1293	0.1441	0.0031	0.0000	0.0000
2016-11-17 04:30:00	21.4753	6.0117	0.1291	0.0896	0.0019	0.0000	0.0000
2016-11-17 04:45:00	21.5232	6.0117	0.1294	0.1374	0.0030	0.0000	0.0000
2016-11-17 05:00:00	21.5550	6.0117	0.1296	0.1226	0.0026	0.0000	0.0000
2016-11-17 05:15:00	21.5511	6.0117	0.1296	0.0608	0.0013	0.0000	0.0000
2016-11-17 05:30:00	21.4960	6.0117	0.1292	0.0802	0.0017	0.0000	0.0000
2016-11-17 05:45:00	21.5011	6.0117	0.1293	0.0810	0.0017	0.0000	0.0000
2016-11-17 06:00:00	21.5361	6.0117	0.1295	0.1132	0.0024	0.0000	0.0000
2016-11-17 06:15:00	21.5123	6.0117	0.1293	0.1048	0.0023	0.0000	0.0000
2016-11-17 06:30:00	21.5489	6.0117	0.1295	0.0906	0.0020	0.0000	0.0000
2016-11-17 06:45:00	21.5115	6.0117	0.1293	0.0712	0.0015	0.0000	0.0000
2016-11-17 07:00:00	21.5221	6.0117	0.1294	0.0938	0.0020	0.0000	0.0000
2016-11-17 07:15:00	21.4207	6.0117	0.1288	0.2061	0.0044	0.0000	0.0000
2016-11-17 07:30:00	21.4694	6.0117	0.1291	0.1733	0.0037	0.0000	0.0000
2016-11-17 07:45:00	21.4994	6.0117	0.1292	0.2195	0.0047	0.0000	0.0000
2016-11-17 08:00:00	21.4230	6.0117	0.1288	0.2654	0.0057	0.0000	0.0000
2016-11-17 08:15:00	21.4018	6.0117	0.1287	0.2513	0.0054	0.0000	0.0000
2016-11-17 08:30:00	21.2097	6.0117	0.1275	0.2761	0.0059	0.0000	0.0000
2016-11-17 08:45:00	21.0977	6.0117	0.1268	0.2231	0.0047	0.0000	0.0000
2016-11-17 09:00:00	21.1202	6.0117	0.1270	0.2200	0.0046	0.0000	0.0000
2016-11-17 09:15:00	21.0581	6.0117	0.1266	0.1971	0.0041	0.0000	0.0000
2016-11-17 09:30:00	21.0687	6.0117	0.1267	0.1971	0.0042	0.0000	0.0000
2016-11-17 09:45:00	21.0790	6.0117	0.1267	0.1989	0.0042	0.0000	0.0000
2016-11-17 10:00:00	21.1067	6.0117	0.1269	0.1888	0.0040 0.0040	0.0000 0.0000	0.0000
2016-11-17 10:15:00 2016-11-17 10:30:00	21.2408	6.0117 6.0117	0.1277 0.1271	0.1888 0.2747	0.0040	0.0000	0.0000 0.0000
2016-11-17 10:30:00	21.1444 21.1854	6.0117	0.1271	0.2747	0.0058	0.0000	0.0000
2016-11-17 10:43:00	21.2047	6.0117	0.1274	0.2488	0.0053	0.0000	0.0000
2016-11-17 11:00:00	21.1598	6.0117	0.1273	0.2488	0.0063	0.0000	0.0000
2016-11-17 11:30:00	21.2517	6.0117	0.1272	0.3321	0.0003	0.0000	0.0000
2016-11-17 11:45:00	21.2557	6.0117	0.1278	0.3437	0.0071	0.0000	0.0000
2016-11-17 11:43:00	21.2352	6.0117	0.1278	0.3509	0.0075	0.0000	0.0000
2016-11-17 12:15:00	21.2382	6.0117	0.1277	0.2790	0.0059	0.0000	0.0000
2016-11-17 12:30:00	21.2256	6.0117	0.1277	0.2383	0.0051	0.0000	0.0000
2016-11-17 12:45:00	21.2741	6.0117	0.1279	0.2606	0.0055	0.0000	0.0000
2016-11-17 13:00:00	21.1703	6.0117	0.1273	0.3269	0.0069	0.0000	0.0000
2016-11-17 13:15:00	21.1522	6.0117	0.1272	0.2797	0.0059	0.0000	0.0000
2016-11-17 13:30:00	21.2951	6.0117	0.1280	0.4117	0.0088	0.0000	0.0000
2016-11-17 13:45:00	21.3294	6.0117	0.1282	0.2910	0.0062	0.0000	0.0000
2016-11-17 14:00:00	21.3527	6.0117	0.1284	0.1601	0.0034	0.0000	0.0000
2016-11-17 14:15:00	21.4386	6.0117	0.1289	0.2966	0.0064	0.0000	0.0000
2016-11-17 14:30:00	21.4231	6.0117	0.1288	0.1571	0.0034	0.0000	0.0000
2016-11-17 14:45:00	21.4310	6.0117	0.1288	0.0045	0.0001	0.0000	0.0000
2016-11-17 15:00:00	21.4924	6.0117	0.1292	0.0000	0.0000	0.0000	0.0000
2016-11-17 15:15:00	21.4958	6.0117	0.1292	0.0000	0.0000	0.0000	0.0000
2016-11-17 15:30:00	21.4393	6.0117	0.1289	0.0000	0.0000	0.0000	0.0000
2016-11-17 15:45:00	21.4522	6.0117	0.1290	0.0000	0.0000	0.0000	0.0000
2016-11-17 16:00:00	21.3848	6.0117	0.1286	0.0000	0.0000	0.0000	0.0000
2016-11-17 16:15:00	21.4210	6.0117	0.1288	0.0000	0.0000	0.0000	0.0000
2016-11-17 16:30:00	21.4326	6.0117	0.1288	0.0000	0.0000	0.0000	0.0000
2016-11-17 16:45:00	21.3932	6.0117	0.1286	0.0000	0.0000	0.0000	0.0000
2016-11-17 17:00:00	21.4523	6.0117	0.1290	0.0000	0.0000	0.0000	0.0000
2016-11-17 17:15:00	21.5308	6.0117	0.1294	0.0000	0.0000	0.0000	0.0000
2016-11-17 17:30:00	21.4879	6.0117	0.1292	0.0000	0.0000	0.0000	0.0000
2016-11-17 17:45:00	21.4501	6.0117	0.1290	0.0541	0.0012	0.0000	0.0000
2016-11-17 18:00:00	21.4269	6.0117	0.1288	0.0421	0.0009	0.0000	0.0000
2016-11-17 18:15:00	21.3910	6.0117	0.1286	0.2717	0.0058	0.0000	0.0000
2016-11-17 18:30:00	21.3118	6.0117	0.1281	0.1737	0.0037	0.0000	0.0000
2016-11-17 18:45:00	21.2826	6.0117	0.1279	0.2437	0.0052	0.0000	0.0000
2016-11-17 19:00:00	21.2968	6.0117	0.1280	0.2042	0.0043	0.0000	0.0000
2016-11-17 19:15:00	21.3196	6.0117	0.1282	0.1678	0.0036	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-11-17 19:30:00	21.3574	6.0117	0.1284	0.1808	0.0039	0.0000	0.0000	
2016-11-17 19:45:00	21.3587	6.0117	0.1284	0.1289	0.0028	0.0000	0.0000	
2016-11-17 20:00:00	21.2821	6.0117	0.1279	0.1717	0.0037	0.0000	0.0000	
2016-11-17 20:15:00	21.3043 21.2978	6.0117	0.1281	0.0669 0.1998	0.0014 0.0043	0.0000 0.0000	0.0000	
2016-11-17 20:30:00 2016-11-17 20:45:00	21.2978 21.3357	6.0117 6.0117	0.1280 0.1283	0.1998	0.0043	0.0000	0.0000 0.0000	
2016-11-17 20:45:00	21.3012	6.0117	0.1283	0.2051	0.0044	0.0000	0.0000	
2016-11-17 21:00:00	21.3240	6.0117	0.1281	0.2031	0.0044	0.0000	0.0000	
2016-11-17 21:30:00	21.3001	6.0117	0.1282	0.1795	0.0034	0.0000	0.0000	
2016-11-17 21:45:00	21.3493	6.0117	0.1283	0.1637	0.0035	0.0000	0.0000	
2016-11-17 22:00:00	21.3908	6.0117	0.1286	0.2277	0.0049	0.0000	0.0000	
2016-11-17 22:15:00	21.3995	6.0117	0.1286	0.2309	0.0049	0.0000	0.0000	
2016-11-17 22:30:00	21.3924	6.0117	0.1286	0.1404	0.0030	0.0000	0.0000	
2016-11-17 22:45:00	21.3762	6.0117	0.1285	0.1843	0.0039	0.0000	0.0000	
2016-11-17 23:00:00	21.3608	6.0117	0.1284	0.1314	0.0028	0.0000	0.0000	
2016-11-17 23:15:00	21.4408	6.0117	0.1289	0.0694	0.0015	0.0000	0.0000	
2016-11-17 23:30:00	21.3535	6.0117	0.1284	0.0795	0.0017	0.0000	0.0000	
2016-11-17 23:45:00	21.4339	6.0117	0.1289	0.0766	0.0016	0.0000	0.0000	
2016-11-18 00:00:00	21.3487	6.0117	0.1283	0.1529	0.0033	0.0000	0.0000	
2016-11-18 00:15:00	21.3905	6.0117	0.1286	0.1481	0.0032	0.0000	0.0000	
2016-11-18 00:30:00	21.3358	6.0117	0.1283	0.1781	0.0038	0.0000	0.0000	
2016-11-18 00:45:00	21.3512	6.0117	0.1284	0.0931	0.0020	0.0000	0.0000	
2016-11-18 01:00:00	21.3068	6.0117	0.1281	0.0881	0.0019	0.0000	0.0000	
2016-11-18 01:15:00	21.3842	6.0117	0.1286	0.1246	0.0027	0.0000	0.0000	
2016-11-18 01:30:00	21.3890	6.0117	0.1286	0.0902	0.0019	0.0000	0.0000	
2016-11-18 01:45:00	21.3435	6.0117	0.1283	0.1339	0.0029	0.0000	0.0000	
2016-11-18 02:00:00	21.2614	6.0117	0.1278	0.0595	0.0013	0.0000	0.0000	
2016-11-18 02:15:00	21.3697	6.0117	0.1285	0.1064	0.0023	0.0000 0.0000	0.0000	
2016-11-18 02:30:00 2016-11-18 02:45:00	21.3216 21.3065	6.0117 6.0117	0.1282 0.1281	0.0839 0.1016	0.0018 0.0022	0.0000	0.0000 0.0000	
2016-11-18 02:45:00	21.3235	6.0117	0.1281	0.1016	0.0022	0.0000	0.0000	
2016-11-18 03:15:00	21.3233	6.0117	0.1282	0.0969	0.0018	0.0000	0.0000	
2016-11-18 03:30:00	21.3869	6.0117	0.1286	0.0758	0.0021	0.0000	0.0000	
2016-11-18 03:45:00	21.3909	6.0117	0.1286	0.1195	0.0026	0.0000	0.0000	
2016-11-18 04:00:00	21.3793	6.0117	0.1285	0.1103	0.0024	0.0000	0.0000	
2016-11-18 04:15:00	21.4004	6.0117	0.1287	0.1253	0.0027	0.0000	0.0000	
2016-11-18 04:30:00	21.3789	6.0117	0.1285	0.1128	0.0024	0.0000	0.0000	
2016-11-18 04:45:00	21.3753	6.0117	0.1285	0.1025	0.0022	0.0000	0.0000	
2016-11-18 05:00:00	21.3746	6.0117	0.1285	0.1415	0.0030	0.0000	0.0000	
2016-11-18 05:15:00	21.3863	6.0117	0.1286	0.1243	0.0027	0.0000	0.0000	
2016-11-18 05:30:00	21.4292	6.0117	0.1288	0.1243	0.0027	0.0000	0.0000	
2016-11-18 05:45:00	21.6395	6.0117	0.1301	0.1173	0.0025	0.0000	0.0000	
2016-11-18 06:00:00	21.6458	6.0117	0.1301	0.1229	0.0027	0.0000	0.0000	
2016-11-18 06:15:00	21.6216	6.0117	0.1300	0.1647	0.0036	0.0000	0.0000	
2016-11-18 06:30:00	21.6063	6.0117	0.1299	0.1704	0.0037	0.0000	0.0000	
2016-11-18 06:45:00	21.6545	6.0117	0.1302	0.2601	0.0056	0.0000	0.0000	
2016-11-18 07:00:00	21.6183	6.0117	0.1300	0.3237	0.0070	0.0000	0.0000	
2016-11-18 07:15:00	21.4087	6.0117	0.1287	0.3387	0.0073	0.0000	0.0000	
2016-11-18 07:30:00	21.6236	6.0117	0.1300	0.3104	0.0067	0.0000	0.0000	
2016-11-18 07:45:00 2016-11-18 08:00:00	21.6733 21.6295	6.0117 6.0117	0.1303 0.1300	0.2544 0.2210	0.0055 0.0048	0.0000 0.0000	0.0000 0.0000	
2016-11-18 08:00:00	21.6295 21.5574	6.0117	0.1300 0.1296	0.2210	0.0048	0.0000	0.0000	
2016-11-18 08:15:00	21.3574	6.0117	0.1278	0.2871	0.0062	0.0000	0.0000	
2016-11-18 08:45:00	21.2057	6.0117	0.1278	0.2618	0.0056	0.0000	0.0000	
2016-11-18 09:00:00	21.1454	6.0117	0.1273	0.2671	0.0056	0.0000	0.0000	
2016-11-18 09:15:00	21.1758	6.0117	0.1271	0.2671	0.0057	0.0000	0.0000	
2016-11-18 09:30:00	21.2839	6.0117	0.1280	0.2671	0.0057	0.0000	0.0000	
2016-11-18 09:45:00	21.2738	6.0117	0.1279	0.2671	0.0057	0.0000	0.0000	
2016-11-18 10:00:00	21.3235	6.0117	0.1282	0.2671	0.0057	0.0000	0.0000	
2016-11-18 10:15:00	21.2809	6.0117	0.1279	0.2439	0.0052	0.0000	0.0000	
2016-11-18 10:30:00	21.4279	6.0117	0.1288	0.2678	0.0057	0.0000	0.0000	
2016-11-18 10:45:00	21.4381	6.0117	0.1289	0.2678	0.0057	0.0000	0.0000	
2016-11-18 11:00:00	21.4240	6.0117	0.1288	0.2025	0.0043	0.0000	0.0000	
2016-11-18 11:15:00	21.4242	6.0117	0.1288	0.2599	0.0056	0.0000	0.0000	
2016-11-18 11:30:00	21.3602	6.0117	0.1284	0.2180	0.0047	0.0000	0.0000	
2016-11-18 11:45:00	21.3384	4.6930	0.1001	0.3234	0.0069	0.0000	0.0000	
2016-11-18 12:00:00	21.2905	2.6051	0.0555	0.3458	0.0074	0.0000	0.0000	
2016-11-18 12:15:00	21.2371	2.6051	0.0553	0.2848	0.0060	0.0000	0.0000	
2016-11-18 12:30:00	21.2815	2.6051	0.0554	0.2500	0.0053	0.0000	0.0000	
2016-11-18 12:45:00	21.3535	2.6051	0.0556	0.3123	0.0067	0.0000	0.0000	
2016-11-18 13:00:00	21.2659	2.6051	0.0554	0.3695	0.0079	0.0000	0.0000	
2016-11-18 13:15:00	21.3750	2.6051	0.0557	0.2897	0.0062	0.0000	0.0000	
2016-11-18 13:30:00	21.4802	2.6051 2.6051	0.0560	0.3161 0.2595	0.0068	0.0000 0.0000	0.0000	
2016-11-18 13:45:00 2016-11-18 14:00:00	21.5721 21.5054	2.6051	0.0562 0.0560	0.2595	0.0056 0.0068	0.0000	0.0000 0.0000	
2010 11 10 14.00.00	21.3034	2.0031	0.0500	1 0.5145	0.0008	0.0000	0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-18 14:15:00	21.5816	2.6051	0.0562	0.0687	0.0015	0.0000	0.0000
2016-11-18 14:30:00	21.5378	2.6051	0.0561	0.0947	0.0020	0.0000	0.0000
2016-11-18 14:45:00	21.5802	2.6051	0.0562	0.1880	0.0041	0.0000	0.0000
2016-11-18 15:00:00	21.6505	2.6051	0.0564	0.0681	0.0015	0.0000	0.0000
2016-11-18 15:15:00	21.5933	2.6051	0.0563	0.0320	0.0007	0.0000	0.0000
2016-11-18 15:30:00	21.5220	2.6051	0.0561	0.0014	0.0000	0.0000	0.0000
2016-11-18 15:45:00	21.5322	2.6051	0.0561	0.0148	0.0003	0.0000	0.0000
2016-11-18 16:00:00	21.5876	2.6051	0.0562	0.0797	0.0017	0.0000	0.0000
2016-11-18 16:15:00	21.6222	2.6051	0.0563	0.0351	0.0008	0.0000	0.0000
2016-11-18 16:30:00	21.6274	2.6051	0.0563	0.0275	0.0006	0.0000	0.0000
2016-11-18 16:45:00	21.6540	2.6051	0.0564	0.0275	0.0006	0.0000	0.0000
2016-11-18 17:00:00	21.6126	2.6051	0.0563	0.0275	0.0006	0.0000	0.0000
2016-11-18 17:15:00	21.6038	2.6051	0.0563	0.0275	0.0006	0.0000	0.0000
2016-11-18 17:30:00	21.5417	2.6051	0.0561	0.0275	0.0006	0.0000	0.0000
2016-11-18 17:45:00	21.5583	2.6051	0.0562	0.1284	0.0028	0.0000	0.0000
2016-11-18 18:00:00	21.5105	2.6051	0.0560	0.0878	0.0019	0.0000	0.0000
2016-11-18 18:15:00	21.4907	2.6051	0.0560	0.1718	0.0037	0.0000	0.0000
2016-11-18 18:30:00	21.4936	2.6051	0.0560	0.2845	0.0061	0.0000	0.0000
2016-11-18 18:45:00	21.5056	2.6051	0.0560	0.3049	0.0066	0.0000	0.0000
2016-11-18 19:00:00	21.5577	2.6051	0.0562	0.1957	0.0042	0.0000	0.0000
2016-11-18 19:15:00	21.5508	2.6051	0.0561	0.3202	0.0069	0.0000	0.0000
2016-11-18 19:30:00	21.4428	2.6051	0.0559	0.1606	0.0034	0.0000	0.0000
2016-11-18 19:45:00	21.4796	2.6051	0.0560	0.2258	0.0048	0.0000	0.0000
2016-11-18 20:00:00	21.5093	2.6051	0.0560	0.2726	0.0059	0.0000	0.0000
2016-11-18 20:15:00	21.5482	2.6051	0.0561	0.1850	0.0040	0.0000	0.0000
2016-11-18 20:30:00	21.5558	2.6051	0.0562	0.2542	0.0055	0.0000	0.0000
2016-11-18 20:45:00	21.5638	2.6051	0.0562	0.2123	0.0046	0.0000	0.0000
2016-11-18 21:00:00	21.6063	2.6051	0.0563	0.1929	0.0042	0.0000	0.0000
2016-11-18 21:15:00	21.5447	2.6051	0.0561	0.2318	0.0050	0.0000	0.0000
2016-11-18 21:30:00	21.4986	2.6051	0.0560	0.1348	0.0029	0.0000	0.0000
2016-11-18 21:45:00	21.5206	2.6051	0.0561	0.1578	0.0034	0.0000	0.0000
2016-11-18 22:00:00	21.4933	2.6051	0.0560	0.1341	0.0029	0.0000	0.0000
2016-11-18 22:15:00	21.5093	2.6051	0.0560	0.1953	0.0042	0.0000	0.0000
2016-11-18 22:30:00	21.6155	2.6051	0.0563	0.2182	0.0047	0.0000	0.0000
2016-11-18 22:45:00	21.5228	2.6051	0.0561	0.1727	0.0037	0.0000	0.0000
2016-11-18 23:00:00	21.5209	2.6051	0.0561	0.2727	0.0059	0.0000	0.0000
2016-11-18 23:15:00	21.5058	2.6051	0.0560	0.2058	0.0044	0.0000	0.0000
2016-11-18 23:30:00	21.4954	2.6051	0.0560	0.2462 0.1993	0.0053	0.0000 0.0000	0.0000 0.0000
2016-11-18 23:45:00	21.4871 21.4884	2.6051	0.0560		0.0043 0.0040		0.0000
2016-11-19 00:00:00		2.6051	0.0560	0.1854		0.0000	
2016-11-19 00:15:00	21.5659	2.6051	0.0562	0.1904	0.0041	0.0000	0.0000
2016-11-19 00:30:00 2016-11-19 00:45:00	21.5238	2.6051 2.6051	0.0561 0.0562	0.1097 0.1625	0.0024 0.0035	0.0000 0.0000	0.0000 0.0000
2016-11-19 01:00:00	21.5580 21.6164	2.6051	0.0563	0.1023	0.0033	0.0000	0.0000
2016-11-19 01:00:00	21.6578	2.6051	0.0564	0.1483	0.0032	0.0000	0.0000
2016-11-19 01:30:00	21.5638	2.6051	0.0562	0.1118	0.0027	0.0000	0.0000
2016-11-19 01:45:00	21.7118	2.6051	0.0566	0.1200	0.0027	0.0000	0.0000
2016-11-19 02:00:00	21.6977	2.6051	0.0565	0.1131	0.0033	0.0000	0.0000
2016-11-19 02:15:00	21.6975	2.6051	0.0565	0.1331	0.0033	0.0000	0.0000
2016-11-19 02:30:00	21.6400	2.6051	0.0564	0.1213	0.0020	0.0000	0.0000
2016-11-19 02:45:00	21.6707	2.6051	0.0565	0.1062	0.0023	0.0000	0.0000
2016-11-19 03:00:00	21.6932	2.6051	0.0565	0.1002	0.0023	0.0000	0.0000
2016-11-19 03:15:00	21.6931	2.6051	0.0565	0.2112	0.0042	0.0000	0.0000
2016-11-19 03:30:00	21.6871	2.6051	0.0565	0.1922	0.0042	0.0000	0.0000
2016-11-19 03:45:00	21.6728	2.6051	0.0565	0.1836	0.0042	0.0000	0.0000
2016-11-19 04:00:00	21.6844	2.6051	0.0565	0.1667	0.0036	0.0000	0.0000
2016-11-19 04:15:00	21.6971	2.6051	0.0565	0.1526	0.0033	0.0000	0.0000
2016-11-19 04:30:00	21.6915	2.6051	0.0565	0.1897	0.0041	0.0000	0.0000
2016-11-19 04:45:00	21.5701	2.6051	0.0562	0.1970	0.0042	0.0000	0.0000
2016-11-19 05:00:00	21.6762	2.6051	0.0565	0.1809	0.0039	0.0000	0.0000
2016-11-19 05:15:00	21.6124	2.6051	0.0563	0.1983	0.0043	0.0000	0.0000
2016-11-19 05:30:00	21.6520	2.6051	0.0564	0.2452	0.0053	0.0000	0.0000
2016-11-19 05:45:00	21.6998	2.6051	0.0565	0.2266	0.0049	0.0000	0.0000
2016-11-19 06:00:00	21.7075	2.6051	0.0565	0.2170	0.0047	0.0000	0.0000
2016-11-19 06:15:00	21.7111	2.6051	0.0566	0.1859	0.0040	0.0000	0.0000
2016-11-19 06:30:00	21.6729	2.6051	0.0565	0.2298	0.0050	0.0000	0.0000
2016-11-19 06:45:00	21.6564	2.6051	0.0564	0.3251	0.0070	0.0000	0.0000
2016-11-19 07:00:00	21.6869	2.6051	0.0565	0.2661	0.0058	0.0000	0.0000
2016-11-19 07:15:00	21.4027	2.6051	0.0558	0.1890	0.0040	0.0000	0.0000
2016-11-19 07:30:00	21.5095	2.6051	0.0560	0.2993	0.0064	0.0000	0.0000
	21.5775	2.6051	0.0562	0.3138	0.0068	0.0000	0.0000
2016-11-19 07:45:00							
2016-11-19 07:45:00 2016-11-19 08:00:00	21.5450	2.6051	0.0561	0.2059	().()()44	0.0000	0.0000
2016-11-19 08:00:00	21.5450 21.4013	2.6051 2.6051	0.0561 0.0558	0.2059 0.2765	0.0044 0.0059	0.0000 0.0000	0.0000
	21.5450 21.4013 21.1293	2.6051 2.6051 2.6051	0.0561 0.0558 0.0550	0.2059 0.2765 0.2231	0.0044 0.0059 0.0047	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-19 09:00:00	21.1050	2.6051	0.0550	0.2220	0.0047	0.0000	0.0000
2016-11-19 09:15:00	21.0625	2.6051	0.0549	0.2250	0.0047	0.0000	0.0000
2016-11-19 09:30:00	21.1064	2.6051	0.0550	0.2458	0.0052	0.0000	0.0000
2016-11-19 09:45:00	21.1385	2.6051	0.0551	0.2458	0.0052	0.0000	0.0000
2016-11-19 10:00:00	21.1310	2.6051	0.0550	0.2458	0.0052	0.0000	0.0000
2016-11-19 10:15:00	21.1700	2.6051	0.0551	0.2542	0.0054	0.0000	0.0000
2016-11-19 10:30:00	21.2596	2.6051	0.0554	0.2527	0.0054	0.0000	0.0000
2016-11-19 10:45:00	21.2739	2.6051	0.0554	0.3728	0.0079	0.0000	0.0000
2016-11-19 11:00:00	21.3555	2.6051	0.0556	0.3071	0.0066	0.0000 0.0000	0.0000
2016-11-19 11:15:00 2016-11-19 11:30:00	21.3349 21.3192	2.6051 2.6051	0.0556 0.0555	0.2702 0.2690	0.0058 0.0057	0.0000	0.0000 0.0000
2016-11-19 11:45:00	21.3325	2.6051	0.0556	0.2722	0.0058	0.0000	0.0000
2016-11-19 12:00:00	21.3420	2.6051	0.0556	0.2722	0.0050	0.0000	0.0000
2016-11-19 12:15:00	21.3231	2.6051	0.0555	0.2681	0.0057	0.0000	0.0000
2016-11-19 12:30:00	21.3953	2.6051	0.0557	0.2384	0.0051	0.0000	0.0000
2016-11-19 12:45:00	21.3061	2.6051	0.0555	0.2849	0.0061	0.0000	0.0000
2016-11-19 13:00:00	21.3321	2.6051	0.0556	0.1556	0.0033	0.0000	0.0000
2016-11-19 13:15:00	21.4269	2.6051	0.0558	0.2696	0.0058	0.0000	0.0000
2016-11-19 13:30:00	21.4344	2.6051	0.0558	0.3095	0.0066	0.0000	0.0000
2016-11-19 13:45:00	21.4728	2.6051	0.0559	0.2170	0.0047	0.0000	0.0000
2016-11-19 14:00:00	21.5387	2.6051	0.0561	0.1861	0.0040	0.0000	0.0000
2016-11-19 14:15:00	21.6529	2.6051	0.0564	0.1825	0.0040	0.0000	0.0000
2016-11-19 14:30:00	21.5919	2.6051	0.0562	0.0865	0.0019	0.0000	0.0000
2016-11-19 14:45:00	21.6642	2.6051	0.0564	0.1011	0.0022	0.0000	0.0000
2016-11-19 15:00:00	21.5841	2.6051	0.0562	0.0025	0.0001	0.0000	0.0000
2016-11-19 15:15:00	21.6240	2.6051	0.0563	0.0014	0.0000	0.0000	0.0000
2016-11-19 15:30:00	21.6309	2.6051	0.0564	0.0000	0.0000	0.0000	0.0000
2016-11-19 15:45:00	21.6075	2.6051	0.0563	0.0000	0.0000	0.0000	0.0000
2016-11-19 16:00:00	21.5860	2.6051	0.0562	0.0000	0.0000	0.0000	0.0000
2016-11-19 16:15:00	21.6059	2.6051	0.0563	0.0000	0.0000	0.0000	0.0000
2016-11-19 16:30:00	21.5662	2.6051	0.0562	0.0000	0.0000	0.0000	0.0000
2016-11-19 16:45:00	21.6384	2.6051	0.0564	0.0000	0.0000	0.0000	0.0000
2016-11-19 17:00:00	21.5340	2.6051	0.0561	0.0000	0.0000	0.0000	0.0000
2016-11-19 17:15:00	21.6020	2.6051	0.0563	0.0000	0.0000	0.0000	0.0000
2016-11-19 17:30:00	21.5430	2.6051	0.0561	0.0000	0.0000	0.0000	0.0000
2016-11-19 17:45:00	21.5319	2.6051	0.0561	0.0167	0.0004	0.0000	0.0000
2016-11-19 18:00:00	21.5370	2.6051	0.0561	0.0894	0.0019	0.0000	0.0000
2016-11-19 18:15:00	21.4805	2.6051	0.0560	0.0998	0.0021	0.0000	0.0000
2016-11-19 18:30:00	21.4549	2.6051	0.0559	0.1883	0.0040	0.0000	0.0000
2016-11-19 18:45:00	21.3516	2.6051	0.0556	0.2427	0.0052	0.0000	0.0000
2016-11-19 19:00:00	21.4198	2.6051	0.0558	0.2883	0.0062	0.0000	0.0000
2016-11-19 19:15:00	21.5587	2.6051	0.0562	0.1723	0.0037	0.0000	0.0000
2016-11-19 19:30:00	21.4381	2.6051	0.0558	0.2336	0.0050	0.0000	0.0000
2016-11-19 19:45:00	21.5034	2.6051	0.0560	0.3095	0.0067	0.0000	0.0000
2016-11-19 20:00:00	21.4697	2.6051	0.0559	0.1607	0.0034	0.0000	0.0000
2016-11-19 20:15:00	21.3905	2.6051	0.0557	0.1402	0.0030	0.0000	0.0000
2016-11-19 20:30:00	21.4380	2.6051	0.0558	0.2674	0.0057	0.0000	0.0000
2016-11-19 20:45:00	21.4494	2.6051	0.0559	0.1333	0.0029	0.0000	0.0000
2016-11-19 21:00:00	21.4663	2.6051	0.0559	0.2670	0.0057	0.0000	0.0000
2016-11-19 21:15:00	21.4875	2.6051	0.0560	0.0768	0.0016	0.0000	0.0000
2016-11-19 21:30:00	21.4680	2.6051	0.0559	0.2011	0.0043	0.0000	0.0000
2016-11-19 21:45:00	21.5661	2.6051	0.0562	0.1995	0.0043	0.0000	0.0000
2016-11-19 22:00:00	21.4964	2.6051	0.0560	0.1283	0.0028	0.0000	0.0000
2016-11-19 22:15:00	21.4674	2.6051	0.0559	0.1633	0.0035	0.0000	0.0000
2016-11-19 22:30:00	21.5150 21.5696	2.6051 2.6051	0.0560 0.0562	0.1981 0.1534	0.0043 0.0033	0.0000 0.0000	0.0000 0.0000
2016-11-19 22:45:00 2016-11-19 23:00:00	21.5696	2.6051	0.0562	0.1534	0.0033	0.0000	0.0000
	21.5978	2.6051	0.0563	0.3242	0.0003	0.0000	0.0000
2016-11-19 23:15:00 2016-11-19 23:30:00	21.5978	2.6051	0.0560	0.3242	0.0070	0.0000	0.0000
2016-11-19 23:45:00	21.5078	2.6051	0.0560	0.2068	0.0044	0.0000	0.0000
2016-11-19 23:43:00	21.4605	2.6051	0.0559	0.2068	0.0044	0.0000	0.0000
2016-11-20 00:05:00	21.5559	2.6051	0.0562	0.1423	0.0031	0.0000	0.0000
2016-11-20 00:13:00	21.5680	2.6051	0.0562	0.2431	0.0051	0.0000	0.0000
2016-11-20 00:45:00	21.4894	2.6051	0.0560	0.2377	0.0051	0.0000	0.0000
2016-11-20 01:00:00	21.5186	2.6051	0.0561	0.1824	0.0039	0.0000	0.0000
2016-11-20 01:15:00	21.5424	2.6051	0.0561	0.2042	0.0044	0.0000	0.0000
2016-11-20 01:30:00	21.5029	2.6051	0.0560	0.2061	0.0044	0.0000	0.0000
2016-11-20 01:45:00	21.5473	2.6051	0.0561	0.2170	0.0047	0.0000	0.0000
2016-11-20 02:00:00	21.5220	2.6051	0.0561	0.2244	0.0048	0.0000	0.0000
2016-11-20 02:15:00	21.5876	2.6051	0.0562	0.1437	0.0031	0.0000	0.0000
2016-11-20 02:30:00	21.6130	2.6051	0.0563	0.1237	0.0027	0.0000	0.0000
2016-11-20 02:45:00	21.5780	2.6051	0.0562	0.1662	0.0036	0.0000	0.0000
2016-11-20 03:00:00	21.5983	2.6051	0.0563	0.1411	0.0030	0.0000	0.0000
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2016-11-20 03:15:00	21.6379	2.6051	0.0564	0.1961	0.0042	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-11-20 03:45:00	21.6142	2.6051	0.0563	0.1524	0.0033	0.0000	0.0000	
2016-11-20 04:00:00	21.5896	2.6051	0.0562	0.1784	0.0039	0.0000	0.0000	
2016-11-20 04:15:00	21.6609	2.6051	0.0564	0.1648	0.0036	0.0000	0.0000	
2016-11-20 04:30:00	21.6031	2.6051	0.0563	0.2346	0.0051	0.0000	0.0000	
2016-11-20 04:45:00	21.6193	2.6051	0.0563	0.1943	0.0042	0.0000	0.0000	
2016-11-20 05:00:00	21.6350	2.6051	0.0564	0.1297	0.0028	0.0000	0.0000	
2016-11-20 05:15:00	21.6337	2.6051	0.0564	0.1623 0.1630	0.0035	0.0000	0.0000	
2016-11-20 05:30:00 2016-11-20 05:45:00	21.6171 21.6823	2.6051 2.6051	0.0563 0.0565	0.1630	0.0035 0.0039	0.0000 0.0000	0.0000 0.0000	
2016-11-20 05:45:00	21.6688	2.6051	0.0564	0.1652	0.0039	0.0000	0.0000	
2016-11-20 06:05:00	21.6703	2.6051	0.0565	0.2370	0.0051	0.0000	0.0000	
2016-11-20 06:30:00	21.6382	2.6051	0.0564	0.2470	0.0053	0.0000	0.0000	
2016-11-20 06:45:00	21.5875	2.6051	0.0562	0.3698	0.0080	0.0000	0.0000	
2016-11-20 07:00:00	21.5849	2.6051	0.0562	0.3107	0.0067	0.0000	0.0000	
2016-11-20 07:15:00	21.3454	2.6051	0.0556	0.3054	0.0065	0.0000	0.0000	
2016-11-20 07:30:00	21.4096	2.6051	0.0558	0.3582	0.0077	0.0000	0.0000	
2016-11-20 07:45:00	21.5379	2.6051	0.0561	0.3364	0.0072	0.0000	0.0000	
2016-11-20 08:00:00	21.5168	2.6051	0.0561	0.3573	0.0077	0.0000	0.0000	
2016-11-20 08:15:00	21.5250	2.6051	0.0561	0.3304	0.0071	0.0000	0.0000	
2016-11-20 08:30:00	21.1938	2.6051	0.0552	0.3119	0.0066	0.0000	0.0000	
2016-11-20 08:45:00	21.1595	2.6051	0.0551	0.3699	0.0078	0.0000	0.0000	
2016-11-20 09:00:00	21.2182	2.6051	0.0553	0.3117	0.0066	0.0000	0.0000	
2016-11-20 09:15:00	21.1361	2.6051	0.0551	0.3120	0.0066	0.0000	0.0000	
2016-11-20 09:30:00	21.2358	2.6051	0.0553	0.2750	0.0058	0.0000	0.0000	
2016-11-20 09:45:00	21.1987	2.6051	0.0552	0.2312	0.0049	0.0000	0.0000	
2016-11-20 10:00:00	21.3082	2.6051	0.0555	0.3135	0.0067	0.0000	0.0000	
2016-11-20 10:15:00	21.3208	2.6051	0.0555	0.1915	0.0041	0.0000	0.0000	
2016-11-20 10:30:00	21.3169	2.6051	0.0555	0.0920	0.0020	0.0000	0.0000	
2016-11-20 10:45:00	21.3356	2.6051	0.0556	0.0282	0.0006	0.0000	0.0000	
2016-11-20 11:00:00	21.3536	2.6051	0.0556	0.0730	0.0016	0.0000	0.0000	
2016-11-20 11:15:00	21.3373	2.6051	0.0556	0.1673	0.0036	0.0000	0.0000	
2016-11-20 11:30:00	21.3463	2.6051	0.0556	0.3139	0.0067	0.0000	0.0000	
2016-11-20 11:45:00	21.3246	2.6051	0.0556	0.3033	0.0065	0.0000	0.0000	
2016-11-20 12:00:00	21.3375	2.6051	0.0556	0.2821	0.0060	0.0000	0.0000	
2016-11-20 12:15:00	21.2697	2.6051	0.0554	0.0837	0.0018	0.0000	0.0000	
2016-11-20 12:30:00	21.3647	2.6051	0.0557	0.1453	0.0031	0.0000	0.0000	
2016-11-20 12:45:00	21.3488	2.6051	0.0556	0.0263	0.0006	0.0000	0.0000	
2016-11-20 13:00:00	21.3038	2.6051	0.0555	0.0670	0.0014	0.0000	0.0000	
2016-11-20 13:15:00	21.3522	2.6051	0.0556	0.1489	0.0032	0.0000	0.0000	
2016-11-20 13:30:00	21.4257	2.6051	0.0558	0.1319	0.0028	0.0000	0.0000	
2016-11-20 13:45:00	21.3692	2.6051	0.0557	0.1060	0.0023	0.0000	0.0000	
2016-11-20 14:00:00	21.4942	2.6051	0.0560	0.2433	0.0052	0.0000	0.0000	
2016-11-20 14:15:00	21.5624	2.6051	0.0562	0.0622	0.0013	0.0000	0.0000	
2016-11-20 14:30:00	21.5980	2.6051	0.0563	0.0515	0.0011	0.0000	0.0000	
2016-11-20 14:45:00	21.4842	2.6051	0.0560	0.1137	0.0024	0.0000	0.0000	
2016-11-20 15:00:00	21.5291	2.6051	0.0561	0.0000	0.0000	0.0000	0.0000	
2016-11-20 15:15:00	21.5841	2.6051	0.0562	0.0000	0.0000	0.0000	0.0000	
2016-11-20 15:30:00	21.5664	2.6051	0.0562	0.0000	0.0000	0.0000	0.0000	
2016-11-20 15:45:00	21.5227	2.6051	0.0561	0.0000	0.0000	0.0000	0.0000	
2016-11-20 16:00:00	21.5910	2.6051	0.0562	0.0000	0.0000	0.0000	0.0000	
2016-11-20 16:15:00	21.5695	2.6051	0.0562	4.4224	0.0954	0.0000	0.0000	
2016-11-20 16:30:00	21.5340	2.6051	0.0561	6.6117	0.1424	0.0000	0.0000	
2016-11-20 16:45:00	21.5882	2.6051	0.0562	4.8034	0.1037	0.0000	0.0000	
2016-11-20 17:00:00	21.5999	2.6051	0.0563	0.0000	0.0000	0.0000	0.0000	
2016-11-20 17:15:00	21.5364	2.6051	0.0561	0.0000	0.0000	0.0000	0.0000	
2016-11-20 17:30:00	21.4926	2.6051	0.0560	0.0000	0.0000	0.0000	0.0000	
2016-11-20 17:45:00	21.5018	2.6051	0.0560	0.0000	0.0000	0.0000	0.0000	
2016-11-20 18:00:00	21.4232	2.6051	0.0558	0.0000	0.0000	0.0000	0.0000	
2016-11-20 18:15:00	21.4772	2.6051	0.0559	0.0000	0.0000	0.0000	0.0000	
2016-11-20 18:30:00	21.3725	2.6051	0.0557	0.0000	0.0000 0.0033	0.0000 0.0000	0.0000	
2016-11-20 18:45:00 2016-11-20 19:00:00	21.4217 21.4227	2.6051 2.6051	0.0558 0.0558	0.1521 0.1258	0.0033	0.0000	0.0000 0.0000	
2016-11-20 19:00:00	21.4227	2.6051	0.0558	0.1258	0.0027	0.0000	0.0000	
2016-11-20 19:13:00	21.4283	2.6051	0.0558	0.1509	0.0038	0.0000	0.0000	
2016-11-20 19:30:00	21.3824	2.6051	0.0557	0.3245	0.0032	0.0000	0.0000	
2016-11-20 19:45:00	21.3903	2.6051	0.0557	0.3245	0.0040	0.0000	0.0000	
2016-11-20 20:00:00	21.4951	2.6051	0.0560	0.1718	0.0037	0.0000	0.0000	
2016-11-20 20:30:00	21.4257	2.6051	0.0558	0.0918	0.0037	0.0000	0.0000	
2016-11-20 20:45:00	21.4732	2.6051	0.0559	0.0542	0.0020	0.0000	0.0000	
2016-11-20 21:00:00	21.4821	2.6051	0.0560	0.0542	0.0012	0.0000	0.0000	
2016-11-20 21:15:00	21.5289	2.6051	0.0561	0.0542	0.0012	0.0000	0.0000	
2016-11-20 21:13:00	21.4600	2.6051	0.0559	0.1477	0.0012	0.0000	0.0000	
			0.0560	0.1255	0.0032	0.0000	0.0000	
2016-11-20 21:45:00		2.6051						
2016-11-20 21:45:00 2016-11-20 22:00:00	21.5131 21.4631	2.6051 2.6051	0.0559	0.2511	0.0054	0.0000	0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-20 22:30:00	21.4397	2.6051	0.0559	0.2492	0.0053	0.0000	0.0000
2016-11-20 22:45:00	21.5099	2.6051	0.0560	0.1349	0.0029	0.0000	0.0000
2016-11-20 23:00:00	21.4965	2.6051	0.0560	0.1465	0.0031	0.0000	0.0000
2016-11-20 23:15:00 2016-11-20 23:30:00	21.4848 21.4475	2.6051 2.6051	0.0560 0.0559	0.1843 0.2557	0.0040 0.0055	0.0000 0.0000	0.0000 0.0000
2016-11-20 23:45:00	21.4556	2.6051	0.0559	0.2557	0.0033	0.0000	0.0000
2016-11-21 00:00:00	21.5291	2.6051	0.0561	0.2948	0.0063	0.0000	0.0000
2016-11-21 00:05:00	21.5617	2.6051	0.0562	0.2437	0.0053	0.0000	0.0000
2016-11-21 00:30:00	21.5120	2.6051	0.0560	0.3084	0.0066	0.0000	0.0000
2016-11-21 00:45:00	21.4867	2.6051	0.0560	0.1794	0.0039	0.0000	0.0000
2016-11-21 01:00:00	21.4473	2.6051	0.0559	0.2502	0.0054	0.0000	0.0000
2016-11-21 01:15:00	21.4760	2.6051	0.0559	0.1203	0.0026	0.0000	0.0000
2016-11-21 01:30:00	21.4884	2.6051	0.0560	0.2212	0.0048	0.0000	0.0000
2016-11-21 01:45:00	21.4932	2.6051	0.0560	0.1425	0.0031	0.0000	0.0000
2016-11-21 02:00:00	21.5634	2.6051	0.0562	0.2988	0.0064	0.0000	0.0000
2016-11-21 02:15:00	21.4998	2.6051	0.0560	0.1614	0.0035	0.0000	0.0000
2016-11-21 02:30:00	21.6314	2.6051	0.0564	0.2284	0.0049	0.0000	0.0000
2016-11-21 02:45:00	21.5934	2.6051	0.0563	0.2371	0.0051	0.0000	0.0000
2016-11-21 03:00:00	21.6461	2.6051	0.0564	0.2365	0.0051	0.0000	0.0000
2016-11-21 03:15:00	21.5923	2.6051	0.0562	0.2394	0.0052	0.0000	0.0000
2016-11-21 03:30:00	21.6317	2.6051	0.0564	0.1208	0.0026	0.0000	0.0000
2016-11-21 03:45:00	21.6205	2.6051	0.0563	0.1401	0.0030	0.0000	0.0000
2016-11-21 04:00:00	21.6560	2.6051	0.0564	0.0671	0.0015	0.0000	0.0000
2016-11-21 04:15:00	21.6454	2.6051	0.0564	0.2031	0.0044	0.0000	0.0000
2016-11-21 04:30:00	21.6829	2.6051	0.0565	0.1395	0.0030	0.0000	0.0000
2016-11-21 04:45:00	21.6781	2.6051	0.0565	0.2592	0.0056	0.0000	0.0000
2016-11-21 05:00:00	21.7644	2.6051	0.0567	0.2291	0.0050	0.0000	0.0000
2016-11-21 05:15:00	21.6836	2.6051	0.0565	0.2200	0.0048	0.0000	0.0000
2016-11-21 05:30:00	21.6794	2.6051	0.0565	0.2371	0.0051	0.0000	0.0000
2016-11-21 05:45:00	21.7236	2.6051	0.0566	0.1805	0.0039	0.0000	0.0000
2016-11-21 06:00:00	21.7243	2.6051	0.0566	0.2000	0.0043	0.0000	0.0000
2016-11-21 06:15:00	21.7339	2.6051	0.0566	0.2484	0.0054	0.0000	0.0000
2016-11-21 06:30:00	21.6701	2.6051	0.0565	0.2201	0.0048	0.0000	0.0000
2016-11-21 06:45:00	21.6300	2.6051	0.0563	0.2424	0.0052	0.0000	0.0000
2016-11-21 07:00:00	21.5885	2.6051	0.0562	0.0887	0.0019	0.0000	0.0000
2016-11-21 07:15:00	21.4075	2.6051	0.0558	0.0782	0.0017	0.0000	0.0000
2016-11-21 07:30:00	21.3447	2.6051	0.0556	0.1224	0.0026	0.0000	0.0000
2016-11-21 07:45:00	21.4779	2.6051	0.0560	0.1584	0.0034	0.0000 0.0000	0.0000
2016-11-21 08:00:00 2016-11-21 08:15:00	21.4813 21.5539	2.6051 2.6051	0.0560 0.0561	0.2049 0.2175	0.0044 0.0047	0.0000	0.0000
2016-11-21 08:30:00	21.2108	2.6051	0.0553	0.2173	0.0047	0.0000	0.0000
2016-11-21 08:45:00	21.0738	2.6051	0.0549	0.1777	0.0038	0.0000	0.0000
2016-11-21 09:00:00	21.0476	2.6051	0.0548	0.1861	0.0039	0.0000	0.0000
2016-11-21 09:05:00	21.0520	2.6051	0.0548	0.2476	0.0052	0.0000	0.0000
2016-11-21 09:30:00	21.0596	2.6051	0.0549	0.3152	0.0066	0.0000	0.0000
2016-11-21 09:45:00	21.1267	2.6051	0.0550	0.3152	0.0067	0.0000	0.0000
2016-11-21 10:00:00	21.1462	2.6051	0.0551	0.3152	0.0067	0.0000	0.0000
2016-11-21 10:15:00	21.0735	2.6051	0.0549	0.3058	0.0064	0.0000	0.0000
2016-11-21 10:30:00	21.2223	2.6051	0.0553	0.3131	0.0066	0.0000	0.0000
2016-11-21 10:45:00	21.3488	2.6051	0.0556	0.1876	0.0040	0.0000	0.0000
2016-11-21 11:00:00	21.3441	2.6051	0.0556	0.2069	0.0044	0.0000	0.0000
2016-11-21 11:15:00	21.3200	2.6051	0.0555	0.2422	0.0052	0.0000	0.0000
2016-11-21 11:30:00	21.3616	2.6051	0.0556	0.2462	0.0053	0.0000	0.0000
2016-11-21 11:45:00	21.2943	2.6051	0.0555	0.2340	0.0050	0.0000	0.0000
2016-11-21 12:00:00	21.3791	2.6051	0.0557	0.2366	0.0051	0.0000	0.0000
2016-11-21 12:15:00	21.3649	2.6051	0.0557	0.2126	0.0045	0.0000	0.0000
2016-11-21 12:30:00	21.2689	2.6051	0.0554	0.1288	0.0027	0.0000	0.0000
2016-11-21 12:45:00	21.3301	2.6051	0.0556	0.0836	0.0018	0.0000	0.0000
2016-11-21 13:00:00	21.3481	2.6051	0.0556	0.0918	0.0020	0.0000	0.0000
2016-11-21 13:15:00	21.3486	2.6051	0.0556	0.1736	0.0037	0.0000	0.0000
2016-11-21 13:30:00	21.3901	2.6051	0.0557	0.0991	0.0021	0.0000	0.0000
2016-11-21 13:45:00	21.4567	2.6051	0.0559	0.0610	0.0013	0.0000	0.0000
2016-11-21 14:00:00	21.3838	2.6051	0.0557	0.1535	0.0033	0.0000	0.0000
2016-11-21 14:15:00	21.4899	2.6051	0.0560	0.0810	0.0017	0.0000	0.0000
2016-11-21 14:30:00	21.5863	2.6051	0.0562	0.0810	0.0017	0.0000	0.0000
2016-11-21 14:45:00	21.5775	2.6051	0.0562	0.0810	0.0017	0.0000	0.0000
2016-11-21 15:00:00	21.5169	2.6051	0.0561	0.0810	0.0017	0.0000	0.0000
2016-11-21 15:15:00	21.5172	2.6051	0.0561	0.0810	0.0017	0.0000	0.0000
2016-11-21 15:30:00	21.5892	2.6051	0.0562	0.0810	0.0017	0.0000	0.0000
2016-11-21 15:45:00	21.5677	2.6051	0.0562	0.0810	0.0017	0.0000	0.0000
2016-11-21 16:00:00	21.5446	2.6051	0.0561	0.0810	0.0017	0.0000	0.0000
2016-11-21 16:15:00	21.5688	2.6051	0.0562	0.0810	0.0017	0.0000	0.0000
2016-11-21 16:30:00	21.6419	2.6051	0.0564	0.3628	0.0079	0.0000	0.0000
2016-11-21 16:45:00	21.6218	2.6051	0.0563	0.7338	0.0159	0.0000	0.0000
2016-11-21 17:00:00	21.5593	2.6051	0.0562	0.2692	0.0058	0.0000	0.0000

Parameter Volumetric Flow Rate NOx NH3 Unit m3/sec mg/Nm3 g/s mg/Nm3 g/s 2016-11-21 17:15:00 21.5275 2.6051 0.0561 0.3749 0.0081 2016-11-21 17:30:00 21.5479 2.6051 0.0561 0.3749 0.0081 2016-11-21 17:45:00 21.4927 2.6051 0.0560 0.3749 0.0081 2016-11-21 18:00:00 21.4780 2.6051 0.0560 0.1494 0.0032 2016-11-21 18:15:00 21.4615 2.6051 0.0559 0.1157 0.0025 2016-11-21 18:30:00 21.3639 2.6051 0.0557 0.0364 0.0008 2016-11-21 18:45:00 21.4352 2.6051 0.0558 0.3005 0.0064 2016-11-21 19:00:00 21.5491 2.6051 0.0561 0.3469 0.0075 2016-11-21 19:15:00 21.5817 2.6051 0.0562 0.0986 0.0021 2016-11-21 19:30:00 21.5044 2.6051 0.0560 0.0911 0.0020	N2 ppmv 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	g/s 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
2016-11-21 17:15:00 21.5275 2.6051 0.0561 0.3749 0.0081 2016-11-21 17:30:00 21.5479 2.6051 0.0561 0.3749 0.0081 2016-11-21 17:45:00 21.4927 2.6051 0.0560 0.3749 0.0081 2016-11-21 18:00:00 21.4780 2.6051 0.0560 0.1494 0.0032 2016-11-21 18:15:00 21.4615 2.6051 0.0559 0.1157 0.0025 2016-11-21 18:30:00 21.3639 2.6051 0.0557 0.0364 0.0008 2016-11-21 18:45:00 21.4352 2.6051 0.0558 0.3005 0.0064 2016-11-21 19:00:00 21.5491 2.6051 0.0561 0.3469 0.0075 2016-11-21 19:15:00 21.5817 2.6051 0.0562 0.0986 0.0021 2016-11-21 19:30:00 21.4390 2.6051 0.0559 0.1483 0.0032 2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
2016-11-21 17:30:00 21.5479 2.6051 0.0561 0.3749 0.0081 2016-11-21 17:45:00 21.4927 2.6051 0.0560 0.3749 0.0081 2016-11-21 18:00:00 21.4780 2.6051 0.0560 0.1494 0.0032 2016-11-21 18:15:00 21.4615 2.6051 0.0559 0.1157 0.0025 2016-11-21 18:45:00 21.3639 2.6051 0.0557 0.0364 0.0008 2016-11-21 18:45:00 21.4352 2.6051 0.0558 0.3005 0.0064 2016-11-21 19:00:00 21.5491 2.6051 0.0561 0.3469 0.0075 2016-11-21 19:15:00 21.5817 2.6051 0.0562 0.0986 0.0021 2016-11-21 19:30:00 21.4390 2.6051 0.0559 0.1483 0.0032 2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
2016-11-21 17:45:00 21.4927 2.6051 0.0560 0.3749 0.0081 2016-11-21 18:00:00 21.4780 2.6051 0.0560 0.1494 0.0032 2016-11-21 18:15:00 21.4615 2.6051 0.0559 0.1157 0.0025 2016-11-21 18:30:00 21.3639 2.6051 0.0557 0.0364 0.0008 2016-11-21 18:45:00 21.4352 2.6051 0.0558 0.3005 0.0064 2016-11-21 19:00:00 21.5491 2.6051 0.0561 0.3469 0.0075 2016-11-21 19:15:00 21.5817 2.6051 0.0562 0.0986 0.0021 2016-11-21 19:30:00 21.4390 2.6051 0.0559 0.1483 0.0032 2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
2016-11-21 18:00:00 21.4780 2.6051 0.0560 0.1494 0.0032 2016-11-21 18:15:00 21.4615 2.6051 0.0559 0.1157 0.0025 2016-11-21 18:30:00 21.3639 2.6051 0.0557 0.0364 0.0008 2016-11-21 18:45:00 21.4352 2.6051 0.0558 0.3005 0.0064 2016-11-21 19:00:00 21.5491 2.6051 0.0561 0.3469 0.0075 2016-11-21 19:15:00 21.5817 2.6051 0.0562 0.0986 0.0021 2016-11-21 19:30:00 21.4390 2.6051 0.0559 0.1483 0.0032 2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
2016-11-21 18:15:00 21.4615 2.6051 0.0559 0.1157 0.0025 2016-11-21 18:30:00 21.3639 2.6051 0.0557 0.0364 0.0008 2016-11-21 18:45:00 21.4352 2.6051 0.0558 0.3005 0.0064 2016-11-21 19:00:00 21.5491 2.6051 0.0561 0.3469 0.0075 2016-11-21 19:15:00 21.5817 2.6051 0.0562 0.0986 0.0021 2016-11-21 19:30:00 21.4390 2.6051 0.0559 0.1483 0.0032 2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000
2016-11-21 18:30:00 21.3639 2.6051 0.0557 0.0364 0.0008 2016-11-21 18:45:00 21.4352 2.6051 0.0558 0.3005 0.0064 2016-11-21 19:00:00 21.5491 2.6051 0.0561 0.3469 0.0075 2016-11-21 19:15:00 21.5817 2.6051 0.0562 0.0986 0.0021 2016-11-21 19:30:00 21.4390 2.6051 0.0559 0.1483 0.0032 2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000
2016-11-21 18:45:00 21.4352 2.6051 0.0558 0.3005 0.0064 2016-11-21 19:00:00 21.5491 2.6051 0.0561 0.3469 0.0075 2016-11-21 19:15:00 21.5817 2.6051 0.0562 0.0986 0.0021 2016-11-21 19:30:00 21.4390 2.6051 0.0559 0.1483 0.0032 2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000
2016-11-21 19:00:00 21.5491 2.6051 0.0561 0.3469 0.0075 2016-11-21 19:15:00 21.5817 2.6051 0.0562 0.0986 0.0021 2016-11-21 19:30:00 21.4390 2.6051 0.0559 0.1483 0.0032 2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000
2016-11-21 19:15:00 21.5817 2.6051 0.0562 0.0986 0.0021 2016-11-21 19:30:00 21.4390 2.6051 0.0559 0.1483 0.0032 2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000
2016-11-21 19:30:00 21.4390 2.6051 0.0559 0.1483 0.0032 2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000 0.0000 0.0000	0.0000
2016-11-21 19:45:00 21.5044 2.6051 0.0560 0.0911 0.0020 2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000 0.0000	
2016-11-21 20:00:00 21.5382 2.6051 0.0561 0.1350 0.0029	0.0000 0.0000	0.0000
	0.0000	0.0000
		0.0000
2016-11-21 20:30:00 21.4532 2.6051 0.0559 0.2751 0.0059		0.0000
2016-11-21 20:35:00 21:4552 2:0051 0:0559 0:2751 0:0059 2016-11-21 20:45:00 21:4460 2:6051 0:0559 0:0159 0:0003	0.0000	0.0000
2016-11-21 21:00:00 21:4384 2:6051 0.0558 0.2884 0.0062	0.0000	0.0000
2016-11-21 21:00:00 21:4564 2:0051 0.0559 0.1670 0.0036	0.0000	0.0000
2016-11-21 21:30:00 21:4042 2:0051 0.0558 0.0555 0.0012	0.0000	0.0000
2016-11-21 21:45:00 21:5189 2:6051 0.0561 0.1762 0.0038	0.0000	0.0000
2016-11-21 22:00:00 21.5397 2.6051 0.0561 0.0939 0.0020	0.0000	0.0000
2016-11-21 22:00.00 21.5617 2.6051 0.0562 0.0553 0.0012	0.0000	0.0000
2016-11-21 22:35:00 21.3617 2.6051 0.0552 0.0553 0.0012 2016-11-21 22:30:00 21.4642 2.6051 0.0559 0.1196 0.0026	0.0000	0.0000
2016-11-21 22:35:00 21:4042 2:0051 0.0560 0.2137 0.0046	0.0000	0.0000
2016-11-21 23:00:00 21:4600 2:6051 0.0559 0.0867 0.0019	0.0000	0.0000
2016-11-21 23:05:00 21:3891 2:6051 0.0557 0.1968 0.0042	0.0000	0.0000
2016-11-21 23:30:00 21:5123 2.6051 0.0560 0.1884 0.0041	0.0000	0.0000
2016-11-21 23:45:00 21.4311 2.6051 0.0558 0.1774 0.0038	0.0000	0.0000
2016-11-22 00:00:00 21:5516 2:6051 0.0561 0.2751 0.0059	0.0000	0.0000
2016-11-22 00:15:00 21:5013 2:6051 0.0560 0.1599 0.0034	0.0000	0.0000
2016-11-22 00:30:00 21.5632 2.6051 0.0562 0.1825 0.0039	0.0000	0.0000
2016-11-22 00:45:00 21.4946 2.6051 0.0560 0.2257 0.0049	0.0000	0.0000
2016-11-22 01:00:00 21.4291 2.6051 0.0558 0.1361 0.0029	0.0000	0.0000
2016-11-22 01:15:00 21.4966 2.6051 0.0560 0.1106 0.0024	0.0000	0.0000
2016-11-22 01:30:00 21.4855 2.6051 0.0560 0.3475 0.0075	0.0000	0.0000
2016-11-22 01:45:00 21.5421 2.6051 0.0561 0.2233 0.0048	0.0000	0.0000
2016-11-22 02:00:00 21.5793 2.6051 0.0562 0.2111 0.0046	0.0000	0.0000
2016-11-22 02:15:00 21.5878 2.6051 0.0562 0.1454 0.0031	0.0000	0.0000
2016-11-22 02:30:00 21.6268 2.6051 0.0563 0.0967 0.0021	0.0000	0.0000
2016-11-22 02:45:00 21.6187 2.6051 0.0563 0.1478 0.0032	0.0000	0.0000
2016-11-22 03:00:00 21.6512 2.6051 0.0564 0.1633 0.0035	0.0000	0.0000
2016-11-22 03:15:00 21.6508 2.6051 0.0564 0.2334 0.0051	0.0000	0.0000
2016-11-22 03:30:00 21.7315 2.6051 0.0566 0.1065 0.0023	0.0000	0.0000
2016-11-22 03:45:00 21.6918 2.6051 0.0565 0.1362 0.0030	0.0000	0.0000
2016-11-22 04:00:00 21.6969 2.6051 0.0565 0.0275 0.0006	0.0000	0.0000
2016-11-22 04:15:00 21.7450 2.6051 0.0566 0.2407 0.0052	0.0000	0.0000
2016-11-22 04:30:00 21.7215 2.6051 0.0566 0.0398 0.0009	0.0000	0.0000
2016-11-22 04:45:00 21.7690 2.6051 0.0567 0.0398 0.0009	0.0000	0.0000
2016-11-22 05:00:00 21.6983 2.6051 0.0565 0.2659 0.0058	0.0000	0.0000
2016-11-22 05:15:00 21.6452 2.6051 0.0564 0.1431 0.0031	0.0000	0.0000
2016-11-22 05:30:00 21.7327 2.6051 0.0566 0.1832 0.0040	0.0000	0.0000
2016-11-22 05:45:00 21.7366 2.6051 0.0566 0.1184 0.0026	0.0000	0.0000
2016-11-22 06:00:00 21.7680 2.6051 0.0567 0.2066 0.0045	0.0000	0.0000
2016-11-22 06:15:00 21.6654 2.6051 0.0564 0.2001 0.0043	0.0000	0.0000
2016-11-22 06:30:00 21.6823 2.6051 0.0565 0.2572 0.0056	0.0000	0.0000
2016-11-22 06:45:00 21.6780 2.6051 0.0565 0.0871 0.0019	0.0000	0.0000
2016-11-22 07:00:00 21.6438 2.6051 0.0564 0.0268 0.0006	0.0000	0.0000
2016-11-22 07:15:00 21.4851 2.6051 0.0560 0.1439 0.0031	0.0000	0.0000
2016-11-22 07:30:00 21.3099 2.6051 0.0555 0.1518 0.0032	0.0000	0.0000
2016-11-22 07:45:00 21.4585 2.6051 0.0559 0.2858 0.0061	0.0000	0.0000
2016-11-22 08:00:00 21.5913 2.6051 0.0562 0.2308 0.0050	0.0000	0.0000
2016-11-22 08:15:00 21.5657 2.6051 0.0562 0.3302 0.0071	0.0000	0.0000
2016-11-22 08:30:00 21.2643 2.6051 0.0554 0.2891 0.0061	0.0000	0.0000
2016-11-22 08:45:00 21.1661 2.6051 0.0551 0.2992 0.0063	0.0000	0.0000
2016-11-22 09:00:00 21.1333 2.6051 0.0551 0.3168 0.0067	0.0000	0.0000
2016-11-22 09:15:00 21.1604 2.6051 0.0551 0.3270 0.0069	0.0000	0.0000
2016-11-22 09:30:00 21.1492 2.6051 0.0551 0.1184 0.0025	0.0000	0.0000
2016-11-22 09:45:00 21.2146 2.6051 0.0553 0.1555 0.0033	0.0000	0.0000
2016-11-22 10:00:00 21.3400 2.6051 0.0556 0.0497 0.0011	0.0000	0.0000
2016-11-22 10:15:00 21.3159 2.6051 0.0555 0.0893 0.0019	0.0000	0.0000
2016-11-22 10:30:00 21.4120 2.6051 0.0558 0.1108 0.0024	0.0000	0.0000
2016-11-22 10:45:00 21.4094 2.6051 0.0558 0.1205 0.0026	0.0000	0.0000
2016-11-22 11:00:00 21.4589 2.6051 0.0559 0.1261 0.0027	0.0000	0.0000
2016-11-22 11:15:00 21.3677 2.6051 0.0557 0.1810 0.0039	0.0000	0.0000
2016-11-22 11:30:00 21.4316 2.6051 0.0558 0.2253 0.0048	0.0000	0.0000
2016-11-22 11:45:00 21.4273 2.6051 0.0558 0.1397 0.0030	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-22 12:00:00	21.4144	2.6051	0.0558	0.0396	0.0008	0.0000	0.0000
2016-11-22 12:15:00	21.4219	2.6051	0.0558	0.0785	0.0017	0.0000	0.0000
2016-11-22 12:30:00 2016-11-22 12:45:00	21.3509	2.6051	0.0556	0.1354	0.0029	0.0000	0.0000
2016-11-22 12:45:00	21.3880 21.3832	2.6051 2.6051	0.0557 0.0557	0.0895 0.1241	0.0019 0.0027	0.0000 0.0000	0.0000 0.0000
2016-11-22 13:00:00	21.3632	2.6051	0.0559	0.1241	0.0027	0.0000	0.0000
2016-11-22 13:30:00	21.4161	2.6051	0.0558	0.0000	0.0024	0.0000	0.0000
2016-11-22 13:45:00	21.4944	2.6051	0.0560	0.1093	0.0023	0.0000	0.0000
2016-11-22 14:00:00	21.4979	2.6051	0.0560	0.1233	0.0027	0.0000	0.0000
2016-11-22 14:15:00	21.4838	2.6051	0.0560	0.0694	0.0015	0.0000	0.0000
2016-11-22 14:30:00	21.5057	2.6051	0.0560	0.0694	0.0015	0.0000	0.0000
2016-11-22 14:45:00	21.4886	2.6051	0.0560	0.0694	0.0015	0.0000	0.0000
2016-11-22 15:00:00	21.5628	2.6051	0.0562	0.0694	0.0015	0.0000	0.0000
2016-11-22 15:15:00	21.6030	2.6051	0.0563	0.4211	0.0091	0.0000	0.0000
2016-11-22 15:30:00	21.6399	2.6051	0.0564	0.5514	0.0119	0.0000	0.0000
2016-11-22 15:45:00	21.6290	2.6051	0.0563	0.5514	0.0119	0.0000	0.0000
2016-11-22 16:00:00	21.6151	2.6051	0.0563	0.5514	0.0119	0.0000	0.0000
2016-11-22 16:15:00	21.6157	2.6051	0.0563	0.5514	0.0119	0.0000	0.0000
2016-11-22 16:30:00	21.5404	2.6051	0.0561	0.5514	0.0119	0.0000	0.0000
2016-11-22 16:45:00	21.6053	2.6051	0.0563	0.5514	0.0119	0.0000	0.0000
2016-11-22 17:00:00	21.5744	2.6051	0.0562	0.5514	0.0119	0.0000	0.0000
2016-11-22 17:15:00	21.6251	2.6051	0.0563	0.5514	0.0119	0.0000	0.0000
2016-11-22 17:30:00	21.5704	2.6051	0.0562	0.5514	0.0119	0.0000	0.0000
2016-11-22 17:45:00	21.5751	2.6051	0.0562	0.5514	0.0119	0.0000	0.0000
2016-11-22 18:00:00	21.5981	2.6051	0.0563	0.2138	0.0046	0.0000	0.0000
2016-11-22 18:15:00	21.5924	2.6051	0.0562	0.0000	0.0000	0.0000	0.0000
2016-11-22 18:30:00	21.5214	2.6051	0.0561	0.0633	0.0014	0.0000	0.0000
2016-11-22 18:45:00	21.5319	2.6051	0.0561	0.1947	0.0042	0.0000	0.0000
2016-11-22 19:00:00	21.5903	2.6051	0.0562	0.1205	0.0026	0.0000	0.0000
2016-11-22 19:15:00	21.5724	2.6051	0.0562	0.3043	0.0066	0.0000	0.0000
2016-11-22 19:30:00	21.5794	2.6051	0.0562	0.4359	0.0094	0.0000	0.0000
2016-11-22 19:45:00	21.5415	2.6051	0.0561	0.0965	0.0021	0.0000	0.0000
2016-11-22 20:00:00	21.5238	2.6051	0.0561	0.0198	0.0004	0.0000	0.0000
2016-11-22 20:15:00	21.5843	2.6051	0.0562	0.0956	0.0021	0.0000	0.0000
2016-11-22 20:30:00	21.5509	2.6051	0.0561	0.0911	0.0020	0.0000	0.0000
2016-11-22 20:45:00 2016-11-22 21:00:00	21.5953 21.5230	2.6051 2.6051	0.0563 0.0561	0.2140 0.8277	0.0046 0.0178	0.0000 0.0000	0.0000 0.0000
2016-11-22 21:00:00		2.6051	0.0559	0.8277	0.0178	0.0000	0.0000
2016-11-22 21:30:00	21.4677 21.4908	2.6051	0.0559	0.1343	0.0029	0.0000	0.0000
2016-11-22 21:45:00	21.4607	2.6051	0.0559	0.1177	0.0023	0.0000	0.0000
2016-11-22 22:00:00	21.5010	2.6051	0.0560	0.0709	0.0025	0.0000	0.0000
2016-11-22 22:15:00	21.5359	2.6051	0.0561	0.1864	0.0040	0.0000	0.0000
2016-11-22 22:30:00	21.5563	2.6051	0.0562	0.1820	0.0039	0.0000	0.0000
2016-11-22 22:45:00	21.6344	2.6051	0.0564	0.1207	0.0026	0.0000	0.0000
2016-11-22 23:00:00	21.6224	2.6051	0.0563	0.1355	0.0029	0.0000	0.0000
2016-11-22 23:15:00	21.6122	2.6051	0.0563	0.1756	0.0038	0.0000	0.0000
2016-11-22 23:30:00	21.6199	2.6051	0.0563	0.1091	0.0024	0.0000	0.0000
2016-11-22 23:45:00	21.5131	2.6051	0.0560	0.0963	0.0021	0.0000	0.0000
2016-11-23 00:00:00	21.5534	2.6051	0.0561	0.2097	0.0045	0.0000	0.0000
2016-11-23 00:15:00	21.5731	2.6051	0.0562	0.0973	0.0021	0.0000	0.0000
2016-11-23 00:30:00	21.4960	2.6051	0.0560	0.1481	0.0032	0.0000	0.0000
2016-11-23 00:45:00	21.5106	2.6051	0.0560	0.1478	0.0032	0.0000	0.0000
2016-11-23 01:00:00	21.5360	2.6051	0.0561	0.0884	0.0019	0.0000	0.0000
2016-11-23 01:15:00	21.5201	2.6051	0.0561	0.0504	0.0011	0.0000	0.0000
2016-11-23 01:30:00	21.5648	2.6051	0.0562	0.1350	0.0029	0.0000	0.0000
2016-11-23 01:45:00	21.5266	2.6051	0.0561	0.1390	0.0030	0.0000	0.0000
2016-11-23 02:00:00	21.5333	2.6051	0.0561	0.0860	0.0019	0.0000	0.0000
2016-11-23 02:15:00	21.5625	2.6051	0.0562	0.1528	0.0033	0.0000	0.0000
2016-11-23 02:30:00	21.5515	2.6051	0.0561	0.1114	0.0024	0.0000	0.0000
2016-11-23 02:45:00	21.5735	2.6051	0.0562	0.1219	0.0026	0.0000	0.0000
2016-11-23 03:00:00	21.5527	2.6051	0.0561	0.1112	0.0024	0.0000	0.0000
2016-11-23 03:15:00	21.5822	2.6051	0.0562	0.1437	0.0031	0.0000	0.0000
2016-11-23 03:30:00	21.5973	2.6051	0.0563	0.1441	0.0031	0.0000	0.0000
2016-11-23 03:45:00	21.5861	2.6051	0.0562	0.1181	0.0025	0.0000	0.0000
2016-11-23 04:00:00	21.6012	2.6051	0.0563	0.1437	0.0031	0.0000	0.0000
2016-11-23 04:15:00	21.5835	2.6051	0.0562	0.1728	0.0037	0.0000	0.0000
2016-11-23 04:30:00	21.5460	2.6051	0.0561	0.1612	0.0035	0.0000	0.0000
2016-11-23 04:45:00	21.6088	2.6051	0.0563	0.1198	0.0026	0.0000	0.0000
2016-11-23 05:00:00	21.5551	2.6051	0.0562	0.1134	0.0024	0.0000	0.0000
2016-11-23 05:15:00	21.6104	2.6051	0.0563	0.1300	0.0028	0.0000	0.0000
2016-11-23 05:30:00	21.5844	2.6051	0.0562	0.1600	0.0035	0.0000	0.0000
2016-11-23 05:45:00	21.6305	2.6051	0.0563	0.1188	0.0026	0.0000	0.0000
2016-11-23 06:00:00	21.5913	2.6051	0.0562	0.1055	0.0023	0.0000	0.0000
2016-11-23 06:15:00	21.6200	2.6051	0.0563	0.1682	0.0036	0.0000	0.0000
2016-11-23 06:30:00	21.5509	2.6051	0.0561	0.1524	0.0033	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-11-23 06:45:00	21.5888	2.6051	0.0562	0.2217	0.0048	0.0000	0.0000	
2016-11-23 07:00:00	21.6359	2.6051	0.0564	0.2797	0.0061	0.0000	0.0000	
2016-11-23 07:15:00	21.4379 21.4282	2.6051	0.0558	0.3475	0.0074	0.0000	0.0000	
2016-11-23 07:30:00 2016-11-23 07:45:00	21.4282 21.4668	2.6051 2.6051	0.0558 0.0559	0.3649 0.3104	0.0078 0.0067	0.0000 0.0000	0.0000 0.0000	
2016-11-23 07:45:00	21.4668	2.6051	0.0563	0.3104	0.0067	0.0000	0.0000	
2016-11-23 08:15:00	21.4923	2.6051	0.0560	0.2593	0.0056	0.0000	0.0000	
2016-11-23 08:30:00	21.3869	2.6051	0.0557	0.2712	0.0058	0.0000	0.0000	
2016-11-23 08:45:00	21.3436	2.6051	0.0556	0.2712	0.0058	0.0000	0.0000	
2016-11-23 09:00:00	21.2879	2.6051	0.0555	0.2712	0.0058	0.0000	0.0000	
2016-11-23 09:15:00	21.2638	2.6051	0.0554	0.2712	0.0058	0.0000	0.0000	
2016-11-23 09:30:00	21.3556	2.6051	0.0556	0.2712	0.0058	0.0000	0.0000	
2016-11-23 09:45:00	21.3435	2.6051	0.0556	0.2712	0.0058	0.0000	0.0000	
2016-11-23 10:00:00	21.3903	2.6051	0.0557	0.2712	0.0058	0.0000	0.0000	
2016-11-23 10:15:00	21.3609	2.6051	0.0556	0.2712	0.0058	0.0000	0.0000	
2016-11-23 10:30:00	21.4734	2.6051	0.0559	0.2712	0.0058	0.0000	0.0000	
2016-11-23 10:45:00	21.4755	2.6051	0.0559	0.2712	0.0058	0.0000	0.0000	
2016-11-23 11:00:00	21.5180	2.6051	0.0561	0.2712	0.0058	0.0000	0.0000	
2016-11-23 11:15:00	21.5431	2.6051	0.0561	0.2712	0.0058	0.0000	0.0000	
2016-11-23 11:30:00	21.5187	2.6051	0.0561	0.2391	0.0051	0.0000	0.0000	
2016-11-23 11:45:00	21.4945	2.6051	0.0560	0.2664	0.0057	0.0000	0.0000	
2016-11-23 12:00:00	21.4901	2.6051	0.0560	0.2664	0.0057	0.0000	0.0000	
2016-11-23 12:15:00	21.5511	2.6051	0.0561	0.2664	0.0057	0.0000	0.0000	
2016-11-23 12:30:00	21.4869	2.6051	0.0560	0.2664	0.0057	0.0000	0.0000	
2016-11-23 12:45:00	21.5029	2.6051	0.0560	0.2048	0.0044	0.0000	0.0000	
2016-11-23 13:00:00	21.5233	2.6051	0.0561	0.1994	0.0043	0.0000	0.0000	
2016-11-23 13:15:00	21.4543	2.6051	0.0559	0.2602	0.0056	0.0000	0.0000	
2016-11-23 13:30:00	21.5560	2.6051	0.0562	0.2276	0.0049	0.0000	0.0000	
2016-11-23 13:45:00	21.5928	2.6051	0.0563	0.2375	0.0051	0.0000	0.0000	
2016-11-23 14:00:00	21.6046	2.6051	0.0563	0.2671	0.0058	0.0000	0.0000	
2016-11-23 14:15:00	21.6330	2.6051	0.0564	0.2671	0.0058	0.0000	0.0000	
2016-11-23 14:30:00	21.6741	2.6051	0.0565	0.2671	0.0058	0.0000	0.0000	
2016-11-23 14:45:00	21.6183	2.6051	0.0563	0.2671	0.0058	0.0000	0.0000	
2016-11-23 15:00:00	21.6139	2.6051	0.0563	0.2671	0.0058	0.0000	0.0000	
2016-11-23 15:15:00	21.6284	2.6051	0.0563	0.2671	0.0058	0.0000	0.0000	
2016-11-23 15:30:00	21.6792	2.6051	0.0565	0.2486	0.0054	0.0000	0.0000	
2016-11-23 15:45:00	21.7382	2.6051	0.0566 0.0565	0.2159 0.1020	0.0047 0.0022	0.0000 0.0000	0.0000 0.0000	
2016-11-23 16:00:00 2016-11-23 16:15:00	21.6864 21.6687	2.6051 2.6051	0.0564	0.1020	0.0022	0.0000	0.0000	
2016-11-23 16:15:00	21.6023	2.6051	0.0563	0.0618	0.0013	0.0000	0.0000	
2016-11-23 16:45:00	21.6183	2.6051	0.0563	0.0618	0.0013	0.0000	0.0000	
2016-11-23 17:00:00	21.6514	2.6051	0.0564	0.0618	0.0013	0.0000	0.0000	
2016-11-23 17:00:00	21.6296	2.6051	0.0563	0.0618	0.0013	0.0000	0.0000	
2016-11-23 17:30:00	21.6296	2.6051	0.0563	0.0618	0.0013	0.0000	0.0000	
2016-11-23 17:45:00	21.5709	2.6051	0.0562	0.0618	0.0013	0.0000	0.0000	
2016-11-23 18:00:00	21.5881	2.6051	0.0562	0.2351	0.0051	0.0000	0.0000	
2016-11-23 18:15:00	21.5081	2.6051	0.0560	0.3325	0.0072	0.0000	0.0000	
2016-11-23 18:30:00	21.4722	2.6051	0.0559	0.3008	0.0065	0.0000	0.0000	
2016-11-23 18:45:00	21.4809	2.6051	0.0560	0.2764	0.0059	0.0000	0.0000	
2016-11-23 19:00:00	21.4866	2.6051	0.0560	0.2225	0.0048	0.0000	0.0000	
2016-11-23 19:15:00	21.5556	2.6051	0.0562	0.2225	0.0048	0.0000	0.0000	
2016-11-23 19:30:00	21.5583	2.6051	0.0562	0.2225	0.0048	0.0000	0.0000	
2016-11-23 19:45:00	21.4794	2.6051	0.0560	0.2225	0.0048	0.0000	0.0000	
2016-11-23 20:00:00	21.5285	2.6051	0.0561	0.2225	0.0048	0.0000	0.0000	
2016-11-23 20:15:00	21.5485	2.6051	0.0561	0.2225	0.0048	0.0000	0.0000	
2016-11-23 20:30:00	21.5131	2.6051	0.0560	0.2225	0.0048	0.0000	0.0000	
2016-11-23 20:45:00	21.5391	2.6051	0.0561	0.2225	0.0048	0.0000	0.0000	
2016-11-23 21:00:00	21.4740	2.6051	0.0559	0.2225	0.0048	0.0000	0.0000	
2016-11-23 21:15:00	21.5300	2.6051	0.0561	0.2225	0.0048	0.0000	0.0000	
2016-11-23 21:30:00	21.5718	2.6051	0.0562	0.2225	0.0048	0.0000	0.0000	
2016-11-23 21:45:00	21.5454	2.6051	0.0561	0.2225	0.0048	0.0000	0.0000	
2016-11-23 22:00:00	21.5798	2.6051	0.0562	0.2225	0.0048	0.0000	0.0000	
2016-11-23 22:15:00	21.5372	2.6051	0.0561	0.2225	0.0048	0.0000	0.0000	
2016-11-23 22:30:00	21.5562	2.6051	0.0562	0.2225	0.0048	0.0000	0.0000	
2016-11-23 22:45:00	21.6000	2.6051	0.0563	0.2225	0.0048	0.0000	0.0000	
2016-11-23 23:00:00	21.5659	2.6051	0.0562	0.2177	0.0047	0.0000	0.0000	
2016-11-23 23:15:00	21.5838	2.6051	0.0562	0.2201	0.0048	0.0000	0.0000	
2016-11-23 23:30:00	21.6296	2.6051	0.0563	0.2004	0.0043	0.0000	0.0000	
2016-11-23 23:45:00	21.6106	2.6051	0.0563	0.2075	0.0045	0.0000	0.0000	
2016-11-24 00:00:00	21.5413	2.6051	0.0561	0.1973	0.0043	0.0000	0.0000	
2016-11-24 00:15:00	21.5811	2.6051	0.0562	0.1787	0.0039	0.0000	0.0000	
2016-11-24 00:30:00	21.6108	2.6051	0.0563	0.1657	0.0036	0.0000	0.0000	
2016-11-24 00:45:00	21.5462	2.6051	0.0561	0.2184	0.0047	0.0000	0.0000	
2016-11-24 01:00:00	21.6262	2.6051	0.0563	0.1816	0.0039	0.0000	0.0000	
2016-11-24 01:15:00	21.5998	2.6051	0.0563	0.3266	0.0071	0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-24 01:30:00	21.5809	2.6051	0.0562	0.1551	0.0033	0.0000	0.0000
2016-11-24 01:45:00	21.5471	2.6051	0.0561	0.1565	0.0034	0.0000	0.0000
2016-11-24 02:00:00	21.5879	2.6051	0.0562	0.1954	0.0042	0.0000	0.0000
2016-11-24 02:15:00	21.6374	2.6051	0.0564	0.2370	0.0051	0.0000	0.0000
2016-11-24 02:30:00	21.6283	2.6051	0.0563	0.1815	0.0039	0.0000	0.0000
2016-11-24 02:45:00	21.6134	2.6051	0.0563	0.1934	0.0042	0.0000	0.0000
2016-11-24 03:00:00	21.6639	2.6051	0.0564	0.1813	0.0039	0.0000	0.0000
2016-11-24 03:15:00 2016-11-24 03:30:00	21.5882 21.6158	2.6051 2.6051	0.0562 0.0563	0.1744 0.1744	0.0038 0.0038	0.0000 0.0000	0.0000
2016-11-24 03:30:00	21.6101	2.6051	0.0563	0.1744	0.0038	0.0000	0.0000
2016-11-24 03:43:00	21.6431	2.6051	0.0564	0.1744	0.0038	0.0000	0.0000
2016-11-24 04:05:00	21.5810	2.6051	0.0562	0.1744	0.0038	0.0000	0.0000
2016-11-24 04:30:00	21.6106	2.6051	0.0563	0.1744	0.0038	0.0000	0.0000
2016-11-24 04:45:00	21.6748	2.6051	0.0565	0.1744	0.0038	0.0000	0.0000
2016-11-24 05:00:00	21.5847	2.6051	0.0562	0.1744	0.0038	0.0000	0.0000
2016-11-24 05:15:00	21.6560	2.6051	0.0564	0.1744	0.0038	0.0000	0.0000
2016-11-24 05:30:00	21.6600	2.6051	0.0564	0.1744	0.0038	0.0000	0.0000
2016-11-24 05:45:00	21.6490	2.6051	0.0564	0.1744	0.0038	0.0000	0.0000
2016-11-24 06:00:00	21.6354	2.6051	0.0564	0.1744	0.0038	0.0000	0.0000
2016-11-24 06:15:00	21.6971	2.6051	0.0565	0.1744	0.0038	0.0000	0.0000
2016-11-24 06:30:00	21.6506	2.6051	0.0564	0.1744	0.0038	0.0000	0.0000
2016-11-24 06:45:00	21.6205	2.6051	0.0563	0.1818	0.0039	0.0000	0.0000
2016-11-24 07:00:00	21.5476	2.6051	0.0561	0.2288	0.0049	0.0000	0.0000
2016-11-24 07:15:00	21.4772	2.6051	0.0559	0.2018	0.0043	0.0000	0.0000
2016-11-24 07:30:00	21.3529	2.6051	0.0556	0.2526	0.0054	0.0000	0.0000
2016-11-24 07:45:00	21.4294	2.6051	0.0558	0.2949	0.0063	0.0000	0.0000
2016-11-24 08:00:00	21.6206	2.6051	0.0563	0.2308	0.0050	0.0000	0.0000
2016-11-24 08:15:00	21.5581	2.6051	0.0562	0.2474	0.0053	0.0000	0.0000
2016-11-24 08:30:00	21.3874	2.6051	0.0557	0.2410	0.0052	0.0000	0.0000
2016-11-24 08:45:00	21.2937	2.6051	0.0555	0.2757	0.0059	0.0000	0.0000
2016-11-24 09:00:00	21.3438	2.6051	0.0556	0.2287	0.0049	0.0000	0.0000
2016-11-24 09:15:00	21.3539	2.6051	0.0556	0.2287	0.0049	0.0000	0.0000
2016-11-24 09:30:00	21.4116	2.6051	0.0558	0.2287	0.0049	0.0000	0.0000
2016-11-24 09:45:00	21.4046	2.6051	0.0558	0.2287	0.0049	0.0000	0.0000
2016-11-24 10:00:00	21.4544	2.6051	0.0559	0.2287	0.0049	0.0000	0.0000
2016-11-24 10:15:00	21.5421	2.6051	0.0561	0.2287	0.0049	0.0000	0.0000
2016-11-24 10:30:00	21.4906	2.6051	0.0560	0.2568	0.0055	0.0000	0.0000
2016-11-24 10:45:00	21.5912	2.6051	0.0562	0.2238	0.0048	0.0000	0.0000
2016-11-24 11:00:00	21.5409	2.6051	0.0561	0.2692	0.0058	0.0000	0.0000
2016-11-24 11:15:00	21.5204	2.6051	0.0561	0.2921	0.0063	0.0000	0.0000
2016-11-24 11:30:00	21.6083	2.6051	0.0563	0.2808	0.0061	0.0000	0.0000
2016-11-24 11:45:00	21.5714	2.6051	0.0562	0.2798	0.0060	0.0000	0.0000
2016-11-24 12:00:00	21.5843	2.6051	0.0562	0.2945	0.0064	0.0000	0.0000
2016-11-24 12:15:00	21.5500	2.6051	0.0561	0.2959	0.0064	0.0000	0.0000
2016-11-24 12:30:00	21.5021	2.6051	0.0560	0.2959	0.0064	0.0000	0.0000
2016-11-24 12:45:00	21.5488	2.6051	0.0561	0.2384	0.0051	0.0000	0.0000
2016-11-24 13:00:00	21.5784	2.6051	0.0562	0.2813	0.0061	0.0000	0.0000
2016-11-24 13:15:00	21.5507	2.6051	0.0561	0.3307	0.0071	0.0000	0.0000
2016-11-24 13:30:00	21.5765	2.6051	0.0562	0.3459	0.0075	0.0000	0.0000
2016-11-24 13:45:00	21.5958	2.6051	0.0563	0.2557	0.0055	0.0000	0.0000
2016-11-24 14:00:00	21.5769	2.6051	0.0562	0.2822	0.0061	0.0000	0.0000
2016-11-24 14:15:00	21.6583	2.6051	0.0564	0.3097	0.0067	0.0000	0.0000
2016-11-24 14:30:00	21.6669	2.6051	0.0564	0.2518	0.0055	0.0000	0.0000
2016-11-24 14:45:00	21.6808	2.6051	0.0565	0.1824	0.0040	0.0000	0.0000
2016-11-24 15:00:00	21.6735	2.6051	0.0565	0.1152 0.0070	0.0025	0.0000 0.0000	0.0000
2016-11-24 15:15:00 2016-11-24 15:30:00	21.7469 21.6942	2.6051 2.6051	0.0567 0.0565	0.0070	0.0002 0.0000	0.0000	0.0000
2016-11-24 15:30:00 2016-11-24 15:45:00	21.7446	2.6051	0.0565	0.0000	0.0000	0.0000	0.0000
2016-11-24 15:45:00 2016-11-24 16:00:00	21.7446 21.6857	2.6051	0.0565	0.0000	0.0000	0.0000	0.0000
2016-11-24 16:00:00	21.6879	2.6051	0.0565	0.0000	0.0000	0.0000	0.0000
2016-11-24 16:13:00	21.7334	2.6051	0.0566	0.0000	0.0000	0.0000	0.0000
2016-11-24 16:30:00	21.7745	2.6051	0.0567	0.0000	0.0000	0.0000	0.0000
2016-11-24 16:45:00	21.7745	2.6051	0.0566	0.0000	0.0000	0.0000	0.0000
2016-11-24 17:00:00	21.7529	2.6051	0.0567	0.0000	0.0000	0.0000	0.0000
2016-11-24 17:13:00	21.6504	2.6051	0.0564	0.0000	0.0000	0.0000	0.0000
2016-11-24 17:30:00	21.6537	2.6051	0.0564	0.0000	0.0000	0.0000	0.0000
2016-11-24 17:43:00	21.6606	2.6051	0.0564	0.0071	0.0002	0.0000	0.0000
2016-11-24 18:00:00	21.6031	2.6051	0.0563	0.2623	0.0057	0.0000	0.0000
2016-11-24 18:13:00	21.5141	2.6051	0.0560	0.2241	0.0037	0.0000	0.0000
2016-11-24 18:45:00	21.5571	2.6051	0.0562	0.2035	0.0044	0.0000	0.0000
2016-11-24 19:00:00	21.5371	2.6051	0.0561	0.1864	0.0040	0.0000	0.0000
2016-11-24 19:00:00	21.5575	2.6051	0.0562	0.2259	0.0040	0.0000	0.0000
2010 11 27 13.13.00				0.1815	0.0039	0.0000	0.0000
2016-11-24 19:30:00	21.5234	2.6051					
2016-11-24 19:30:00 2016-11-24 19:45:00	21.5234 21.5580	2.6051 2.6051	0.0561 0.0562	0.1813	0.0040	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-24 20:15:00	21.5046	2.6051	0.0560	0.1905	0.0041	0.0000	0.0000
2016-11-24 20:30:00	21.5478	2.6051	0.0561	0.2156	0.0046	0.0000	0.0000
2016-11-24 20:45:00	21.5739	2.6051	0.0562	0.2248	0.0049	0.0000	0.0000
2016-11-24 21:00:00	21.5812	2.6051	0.0562	0.2056	0.0044	0.0000	0.0000
2016-11-24 21:15:00	21.6033	2.6051	0.0563	0.2003	0.0043	0.0000	0.0000
2016-11-24 21:30:00	21.6157	2.6051	0.0563	0.1940	0.0042	0.0000	0.0000
2016-11-24 21:45:00	21.6014 21.5721	2.6051	0.0563	0.1910 0.1804	0.0041	0.0000	0.0000
2016-11-24 22:00:00 2016-11-24 22:15:00	21.6703	2.6051 2.6051	0.0562 0.0565	0.1804	0.0039 0.0045	0.0000 0.0000	0.0000
2016-11-24 22:15:00	21.5759	2.6051	0.0563	0.2054	0.0043	0.0000	0.0000
2016-11-24 22:45:00	21.6162	2.6051	0.0563	0.1513	0.0033	0.0000	0.0000
2016-11-24 23:00:00	21.6108	2.6051	0.0563	0.1313	0.0033	0.0000	0.0000
2016-11-24 23:15:00	21.5658	2.6051	0.0562	0.1608	0.0035	0.0000	0.0000
2016-11-24 23:30:00	21.5884	2.6051	0.0562	0.1104	0.0033	0.0000	0.0000
2016-11-24 23:45:00	21.6152	2.6051	0.0563	0.1673	0.0036	0.0000	0.0000
2016-11-25 00:00:00	21.6401	2.6051	0.0564	0.1761	0.0038	0.0000	0.0000
2016-11-25 00:15:00	21.6105	2.6051	0.0563	0.1792	0.0039	0.0000	0.0000
2016-11-25 00:30:00	21.6192	2.6051	0.0563	0.1682	0.0036	0.0000	0.0000
2016-11-25 00:45:00	21.6616	2.6051	0.0564	0.2059	0.0045	0.0000	0.0000
2016-11-25 01:00:00	21.6303	2.6051	0.0563	0.1704	0.0037	0.0000	0.0000
2016-11-25 01:15:00	21.6508	2.6051	0.0564	0.1643	0.0036	0.0000	0.0000
2016-11-25 01:30:00	21.6621	2.6051	0.0564	0.1517	0.0033	0.0000	0.0000
2016-11-25 01:45:00	21.6739	2.6051	0.0565	0.1541	0.0033	0.0000	0.0000
2016-11-25 02:00:00	21.6582	2.6051	0.0564	0.1403	0.0030	0.0000	0.0000
2016-11-25 02:15:00	21.7165	2.6051	0.0566	0.1246	0.0027	0.0000	0.0000
2016-11-25 02:30:00	21.6235	2.6051	0.0563	0.1685	0.0036	0.0000	0.0000
2016-11-25 02:45:00	21.6989	2.6051	0.0565	0.1244	0.0027	0.0000	0.0000
2016-11-25 03:00:00	21.6954	2.6051	0.0565	0.1066	0.0023	0.0000	0.0000
2016-11-25 03:15:00	21.7328	2.6051	0.0566	0.1275	0.0028	0.0000	0.0000
2016-11-25 03:30:00	21.6659	2.6051	0.0564	0.1206	0.0026	0.0000	0.0000
2016-11-25 03:45:00	21.6352	2.6051	0.0564	0.0603	0.0013	0.0000	0.0000
2016-11-25 04:00:00	21.7085	2.6051	0.0566	0.1261	0.0027	0.0000	0.0000
2016-11-25 04:15:00	21.7242	2.6051	0.0566	0.1311	0.0028	0.0000	0.0000
2016-11-25 04:30:00	21.7519	2.6051	0.0567	0.0993	0.0022	0.0000	0.0000
2016-11-25 04:45:00	21.6248	2.6051	0.0563	0.1008	0.0022	0.0000	0.0000
2016-11-25 05:00:00	21.7273	2.6051	0.0566	0.1476	0.0032	0.0000	0.0000
2016-11-25 05:15:00	21.6569	2.6051	0.0564	0.0990	0.0021	0.0000	0.0000
2016-11-25 05:30:00	21.6799	2.6051	0.0565	0.1337	0.0029	0.0000	0.0000
2016-11-25 05:45:00	21.6632	2.6051	0.0564	0.2001	0.0043	0.0000	0.0000
2016-11-25 06:00:00	21.6766	2.6051	0.0565	0.1633	0.0035	0.0000	0.0000
2016-11-25 06:15:00	21.6774	2.6051	0.0565	0.1353	0.0029	0.0000	0.0000
2016-11-25 06:30:00	21.6714	2.6051	0.0565	0.1718	0.0037	0.0000	0.0000
2016-11-25 06:45:00	21.6403	2.6051	0.0564	0.1715	0.0037	0.0000	0.0000
2016-11-25 07:00:00	21.6658	2.6051	0.0564	0.3262	0.0071	0.0000	0.0000
2016-11-25 07:15:00	21.5208	2.6051	0.0561	0.3340	0.0072	0.0000	0.0000
2016-11-25 07:30:00	20.7986	2.6051	0.0542	0.3430	0.0071	0.0000	0.0000
2016-11-25 07:45:00	4.7747	2.6051	0.0124	0.3770	0.0018	0.0000	0.0000
2016-11-25 08:00:00	4.1877	2.6051	0.0109	0.3797	0.0016	0.0000	0.0000
2016-11-25 08:15:00	4.5371	2.6051	0.0118	0.3797	0.0017	0.0000	0.0000
2016-11-25 08:30:00	3.4065	2.6051	0.0089	0.3797	0.0013	0.0000	0.0000
2016-11-25 08:45:00	3.3982	2.6051	0.0089	0.3797	0.0013	0.0000	0.0000
2016-11-25 09:00:00	3.6733	2.6051	0.0096	0.3797	0.0014	0.0000	0.0000
2016-11-25 09:15:00	3.6733	2.6051	0.0096	0.3797	0.0014	0.0000	0.0000
2016-11-25 09:30:00	3.6733	2.6051	0.0096	0.3797	0.0014	0.0000	0.0000
2016-11-25 09:45:00	3.6733	2.6051	0.0096	0.3797	0.0014	0.0000	0.0000
2016-11-25 10:00:00	3.7092	2.6051	0.0097	0.3797	0.0014	0.0000	0.0000
2016-11-25 10:15:00	4.1434	2.6051	0.0108	0.3797	0.0016	0.0000	0.0000
2016-11-25 10:30:00	4.6028	2.6051	0.0120	0.3797	0.0017	0.0000	0.0000
2016-11-25 10:45:00	4.6028	2.6051	0.0120	0.3797	0.0017	0.0000	0.0000
2016-11-25 11:00:00	5.0109	2.6051	0.0131	0.3797	0.0019	0.0000	0.0000
2016-11-25 11:15:00	7.2942	2.6051	0.0190	0.4538	0.0033	0.0000	0.0000
2016-11-25 11:30:00	14.8727	2.6051	0.0387	0.3336	0.0050	0.0000	0.0000
2016-11-25 11:45:00	18.0144	2.6051	0.0469	0.2827	0.0051	0.0000	0.0000
2016-11-25 12:00:00	19.1970	2.6051	0.0500	0.2659	0.0051	0.0000	0.0000
2016-11-25 12:15:00	19.3117	2.6051	0.0503	0.3748	0.0072	0.0000	0.0000
2016-11-25 12:30:00	19.3515	2.6051	0.0504	0.2849	0.0055	0.0000	0.0000
2016-11-25 12:45:00	19.3839	2.6051	0.0505	0.3045	0.0059	0.0000	0.0000
2016-11-25 13:00:00	19.4774	2.6051	0.0507	0.1953	0.0038	0.0000	0.0000
2016-11-25 13:15:00	19.4717	2.6051	0.0507	0.2178	0.0042	0.0000	0.0000
2016-11-25 13:30:00	19.4499	2.6051	0.0507	0.3410	0.0066	0.0000	0.0000
2016-11-25 13:45:00	19.4897	2.6051	0.0508	0.1588	0.0031	0.0000	0.0000
2016-11-25 14:00:00	19.5175	2.6051	0.0508	0.1928	0.0038	0.0000	0.0000
2016-11-25 14:15:00	19.5288	2.6051	0.0509	0.2355	0.0046	0.0000	0.0000
2016-11-25 14:30:00 2016-11-25 14:45:00	19.5577	2.6051	0.0509	0.1239	0.0024	0.0000	0.0000
	19.5410	2.6051	0.0509	0.0817	0.0016	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-25 15:00:00	19.5604	2.6051	0.0510	0.0269	0.0005	0.0000	0.0000
2016-11-25 15:15:00	19.5950	2.6051	0.0510	0.0000	0.0000	0.0000	0.0000
2016-11-25 15:30:00	19.5983 19.5949	2.6051	0.0511	0.0000	0.0000	0.0000	0.0000
2016-11-25 15:45:00 2016-11-25 16:00:00	19.5949	2.6051 2.6051	0.0510 0.0511	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-11-25 16:00:00	19.6069	2.6051	0.0511	0.0000	0.0000	0.0000	0.0000
2016-11-25 16:30:00	19.5460	2.6051	0.0511	0.0000	0.0000	0.0000	0.0000
2016-11-25 16:45:00	19.5342	2.6051	0.0509	0.0000	0.0000	0.0000	0.0000
2016-11-25 17:00:00	19.5209	2.6051	0.0509	0.0000	0.0000	0.0000	0.0000
2016-11-25 17:15:00	19.4782	2.6051	0.0507	0.0000	0.0000	0.0000	0.0000
2016-11-25 17:30:00	19.4950	2.6051	0.0508	0.0000	0.0000	0.0000	0.0000
2016-11-25 17:45:00	19.4074	2.6051	0.0506	0.0039	0.0001	0.0000	0.0000
2016-11-25 18:00:00	19.4112	2.6051	0.0506	0.0039	0.0001	0.0000	0.0000
2016-11-25 18:15:00	19.3637	2.6051	0.0504	0.1273	0.0025	0.0000	0.0000
2016-11-25 18:30:00	19.3617	2.6051	0.0504	0.2482	0.0048	0.0000	0.0000
2016-11-25 18:45:00	19.3780	2.6051	0.0505	0.3037	0.0059	0.0000	0.0000
2016-11-25 19:00:00	19.3876	2.6051	0.0505	0.2435	0.0047	0.0000	0.0000
2016-11-25 19:15:00	19.3607	2.6051	0.0504	0.1698	0.0033	0.0000	0.0000
2016-11-25 19:30:00	19.4052	2.6051	0.0506	0.2930	0.0057	0.0000	0.0000
2016-11-25 19:45:00	19.3536	2.6051	0.0504	0.2886	0.0056	0.0000	0.0000
2016-11-25 20:00:00	19.4288	2.6051	0.0506	0.2818	0.0055	0.0000	0.0000
2016-11-25 20:15:00	19.3733	2.6051	0.0505	0.3015	0.0058	0.0000	0.0000
2016-11-25 20:30:00	19.4023	2.6051	0.0505	0.2197	0.0043	0.0000	0.0000
2016-11-25 20:45:00	19.4050	2.6051	0.0506	0.1604	0.0031	0.0000	0.0000
2016-11-25 21:00:00	19.3509	2.6051	0.0504	0.3117	0.0060	0.0000	0.0000
2016-11-25 21:15:00	19.3724	2.6051	0.0505	0.2869	0.0056	0.0000	0.0000
2016-11-25 21:30:00	19.3436	2.6051	0.0504	0.1910	0.0037	0.0000	0.0000
2016-11-25 21:45:00	19.4139	2.6051	0.0506	0.1791	0.0035	0.0000	0.0000
2016-11-25 22:00:00	19.4283	2.6051	0.0506	0.3213	0.0062	0.0000	0.0000
2016-11-25 22:15:00	19.3683	2.6051	0.0505	0.1928	0.0037	0.0000	0.0000
2016-11-25 22:30:00	19.4146	2.6051	0.0506	0.2393	0.0046	0.0000	0.0000
2016-11-25 22:45:00	19.3777	2.6051	0.0505	0.2383	0.0046	0.0000	0.0000
2016-11-25 23:00:00	19.3563	2.6051	0.0504	0.1339	0.0026	0.0000	0.0000
2016-11-25 23:15:00	19.3536	2.6051	0.0504	0.2075	0.0040	0.0000	0.0000
2016-11-25 23:30:00	19.3543	2.6051	0.0504	0.1686	0.0033	0.0000	0.0000
2016-11-25 23:45:00	19.3871	2.6051	0.0505	0.1617	0.0031	0.0000	0.0000
2016-11-26 00:00:00	19.3058	2.6051	0.0503	0.1135	0.0022	0.0000	0.0000
2016-11-26 00:15:00	19.3757	2.6051	0.0505	0.2018	0.0039 0.0041	0.0000 0.0000	0.0000
2016-11-26 00:30:00 2016-11-26 00:45:00	19.4048 19.4020	2.6051 2.6051	0.0506 0.0505	0.2097 0.2045	0.0041	0.0000	0.0000 0.0000
2016-11-26 00:43:00	19.3614	2.6051	0.0503	0.2045	0.0040	0.0000	0.0000
2016-11-26 01:00:00	19.3764	2.6051	0.0505	0.1764	0.0034	0.0000	0.0000
2016-11-26 01:30:00	19.3986	2.6051	0.0505	0.4087	0.0034	0.0000	0.0000
2016-11-26 01:45:00	19.4229	2.6051	0.0506	0.1905	0.0073	0.0000	0.0000
2016-11-26 02:00:00	19.3885	2.6051	0.0505	0.1658	0.0037	0.0000	0.0000
2016-11-26 02:15:00	19.4244	2.6051	0.0506	0.2517	0.0049	0.0000	0.0000
2016-11-26 02:30:00	19.4159	2.6051	0.0506	0.1866	0.0036	0.0000	0.0000
2016-11-26 02:45:00	19.3800	2.6051	0.0505	0.1708	0.0033	0.0000	0.0000
2016-11-26 03:00:00	19.4373	2.6051	0.0506	0.1911	0.0037	0.0000	0.0000
2016-11-26 03:15:00	19.4041	2.6051	0.0505	0.2331	0.0045	0.0000	0.0000
2016-11-26 03:30:00	19.4053	2.6051	0.0506	0.0587	0.0011	0.0000	0.0000
2016-11-26 03:45:00	19.4273	2.6051	0.0506	0.1741	0.0034	0.0000	0.0000
2016-11-26 04:00:00	19.4810	2.6051	0.0507	0.1800	0.0035	0.0000	0.0000
2016-11-26 04:15:00	19.4675	2.6051	0.0507	0.1470	0.0029	0.0000	0.0000
2016-11-26 04:30:00	19.5179	2.6051	0.0508	0.1743	0.0034	0.0000	0.0000
2016-11-26 04:45:00	19.4993	2.6051	0.0508	0.1859	0.0036	0.0000	0.0000
2016-11-26 05:00:00	19.5280	2.6051	0.0509	0.1903	0.0037	0.0000	0.0000
2016-11-26 05:15:00	19.5219	2.6051	0.0509	0.1964	0.0038	0.0000	0.0000
2016-11-26 05:30:00	19.6000	2.6051	0.0511	0.2080	0.0041	0.0000	0.0000
2016-11-26 05:45:00	19.5349	2.6051	0.0509	0.1639	0.0032	0.0000	0.0000
2016-11-26 06:00:00	19.5368	2.6051	0.0509	0.2044	0.0040	0.0000	0.0000
2016-11-26 06:15:00	19.6629	2.6051	0.0512	0.1479	0.0029	0.0000	0.0000
2016-11-26 06:30:00	19.7605	2.6051	0.0515	0.1954	0.0039	0.0000	0.0000
2016-11-26 06:45:00	19.7508	2.6051	0.0515	0.1631	0.0032	0.0000	0.0000
2016-11-26 07:00:00	19.8177	2.6051	0.0516	0.2777	0.0055	0.0000	0.0000
2016-11-26 07:15:00	19.8353	2.6051	0.0517	0.3086	0.0061	0.0000	0.0000
2016-11-26 07:30:00	19.5614	2.6051	0.0510	0.2527	0.0049	0.0000	0.0000
2016-11-26 07:45:00	19.6737	2.6051	0.0513	0.3550	0.0070	0.0000	0.0000
2016-11-26 08:00:00	19.8554	2.6051	0.0517	0.2303	0.0046	0.0000	0.0000
2016-11-26 08:15:00	19.9758	2.6051	0.0520	0.2213	0.0044	0.0000	0.0000
2016-11-26 08:30:00	19.8750	2.6051	0.0518	0.2987	0.0059	0.0000	0.0000
2016-11-26 08:45:00	19.8487	2.6051	0.0517	0.2861	0.0057	0.0000	0.0000
2016-11-26 09:00:00	19.8660	2.6051	0.0518	0.2635	0.0052	0.0000	0.0000
2016-11-26 09:15:00	19.9425	2.6051	0.0520	0.2558	0.0051	0.0000	0.0000
2016-11-26 09:30:00	19.8993	2.6051	0.0518	0.1859	0.0037	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-26 09:45:00	19.7003	2.6051	0.0513	0.3300	0.0065	0.0000	0.0000
2016-11-26 10:00:00	19.6725	2.6051	0.0512	0.3051	0.0060	0.0000	0.0000
2016-11-26 10:15:00	19.6237	2.6051	0.0511	0.3030	0.0059	0.0000	0.0000
2016-11-26 10:30:00	19.6152	2.6051	0.0511	0.2307	0.0045	0.0000	0.0000
2016-11-26 10:45:00	19.7308	2.6051	0.0514	0.4559	0.0090	0.0000	0.0000
2016-11-26 11:00:00	19.7577	2.6051	0.0515	0.3287	0.0065	0.0000	0.0000
2016-11-26 11:15:00	19.6710	2.6051	0.0512	0.2817	0.0055	0.0000	0.0000
2016-11-26 11:30:00	19.7213	2.6051	0.0514	0.1779	0.0035	0.0000	0.0000
2016-11-26 11:45:00	19.6806	2.6051	0.0513	0.2623	0.0052	0.0000	0.0000
2016-11-26 12:00:00	19.7101	2.6051	0.0513	0.2638	0.0052	0.0000	0.0000
2016-11-26 12:15:00	19.7342	2.6051	0.0514	0.2458	0.0049	0.0000	0.0000
2016-11-26 12:30:00	19.7802	2.6051	0.0515	0.2032	0.0040	0.0000	0.0000
2016-11-26 12:45:00	19.7649	2.6051	0.0515	0.1443	0.0029	0.0000	0.0000
2016-11-26 13:00:00	19.7775	2.6051	0.0515	0.1259	0.0025	0.0000	0.0000
2016-11-26 13:15:00	19.7779	2.6051	0.0515	0.2473	0.0049	0.0000	0.0000
2016-11-26 13:30:00	19.6907	2.6051	0.0513	0.1997	0.0039	0.0000	0.0000
2016-11-26 13:45:00	19.7796	2.6051	0.0515	0.0432	0.0009	0.0000	0.0000
2016-11-26 14:00:00	19.8214	2.6051	0.0516 0.0516	0.1463	0.0029	0.0000 0.0000	0.0000 0.0000
2016-11-26 14:15:00	19.7894	2.6051		0.1146	0.0023		
2016-11-26 14:30:00	19.8830 19.8405	2.6051	0.0518	0.1128	0.0022	0.0000	0.0000
2016-11-26 14:45:00 2016-11-26 15:00:00	19.8405	2.6051 2.6051	0.0517 0.0519	0.1674 0.1599	0.0033 0.0032	0.0000 0.0000	0.0000 0.0000
2016-11-26 15:15:00 2016-11-26 15:30:00	20.0907 20.0055	2.6051 2.6051	0.0523 0.0521	0.0655 0.0542	0.0013 0.0011	0.0000 0.0000	0.0000 0.0000
2016-11-26 15:30:00	19.9559	2.6051	0.0521	0.0542	0.0011	0.0000	0.0000
2016-11-26 15:45:00	19.9840	2.6051	0.0520	0.0542	0.0011	0.0000	0.0000
2016-11-26 16:00:00	19.9682	2.6051	0.0521	0.0942	0.0011	0.0000	0.0000
2016-11-26 16:30:00	20.0009	2.6051	0.0521	0.0640	0.0018	0.0000	0.0000
2016-11-26 16:45:00	20.0080	2.6051	0.0521	0.0206	0.0013	0.0000	0.0000
2016-11-26 17:00:00	19.9815	2.6051	0.0521	0.0206	0.0004	0.0000	0.0000
2016-11-26 17:15:00	19.9738	2.6051	0.0521	0.0206	0.0004	0.0000	0.0000
2016-11-26 17:30:00	19.9790	2.6051	0.0520	0.0216	0.0004	0.0000	0.0000
2016-11-26 17:45:00	19.9024	2.6051	0.0518	0.0000	0.0000	0.0000	0.0000
2016-11-26 18:00:00	19.9710	2.6051	0.0520	0.0139	0.0003	0.0000	0.0000
2016-11-26 18:15:00	19.8973	2.6051	0.0518	0.0007	0.0000	0.0000	0.0000
2016-11-26 18:30:00	19.7983	2.6051	0.0516	0.0947	0.0019	0.0000	0.0000
2016-11-26 18:45:00	19.7762	2.6051	0.0515	0.3523	0.0070	0.0000	0.0000
2016-11-26 19:00:00	19.7690	2.6051	0.0515	0.3048	0.0060	0.0000	0.0000
2016-11-26 19:15:00	19.7575	2.6051	0.0515	0.4212	0.0083	0.0000	0.0000
2016-11-26 19:30:00	19.7832	2.6051	0.0515	0.2391	0.0047	0.0000	0.0000
2016-11-26 19:45:00	19.7673	2.6051	0.0515	0.2929	0.0058	0.0000	0.0000
2016-11-26 20:00:00	19.8548	2.6051	0.0517	0.4122	0.0082	0.0000	0.0000
2016-11-26 20:15:00	19.8115	2.6051	0.0516	0.3834	0.0076	0.0000	0.0000
2016-11-26 20:30:00	19.7782	2.6051	0.0515	0.3764	0.0074	0.0000	0.0000
2016-11-26 20:45:00	19.8235	2.6051	0.0516	0.2563	0.0051	0.0000	0.0000
2016-11-26 21:00:00	19.7856	2.6051	0.0515	0.4498	0.0089	0.0000	0.0000
2016-11-26 21:15:00	19.8211	2.6051	0.0516	0.2417	0.0048	0.0000	0.0000
2016-11-26 21:30:00	19.8373	2.6051	0.0517	0.3031	0.0060	0.0000	0.0000
2016-11-26 21:45:00	19.8605	2.6051	0.0517	0.3018	0.0060	0.0000	0.0000
2016-11-26 22:00:00	19.8311	2.6051	0.0517	0.2810	0.0056	0.0000	0.0000
2016-11-26 22:15:00	19.8259	2.6051	0.0516	0.1852	0.0037	0.0000	0.0000
2016-11-26 22:30:00	19.8407	2.6051	0.0517	0.3185	0.0063	0.0000	0.0000
2016-11-26 22:45:00	19.8102	2.6051	0.0516	0.2334	0.0046	0.0000	0.0000
2016-11-26 23:00:00	19.8060	2.6051	0.0516	0.2819	0.0056	0.0000	0.0000
2016-11-26 23:15:00	19.8236	2.6051	0.0516	0.2115	0.0042	0.0000	0.0000
2016-11-26 23:30:00	19.8415	2.6051	0.0517	0.2417	0.0048	0.0000	0.0000
2016-11-26 23:45:00	19.9532	2.6051	0.0520	0.2742	0.0055	0.0000	0.0000
2016-11-27 00:00:00	19.8736	2.6051	0.0518	0.3214	0.0064	0.0000	0.0000
2016-11-27 00:15:00	19.8787	2.6051	0.0518	0.2543	0.0051	0.0000	0.0000
2016-11-27 00:30:00	19.7932	2.6051	0.0516	0.2496	0.0049	0.0000	0.0000
2016-11-27 00:45:00	19.8454	2.6051	0.0517	0.2738	0.0054	0.0000	0.0000
2016-11-27 01:00:00	19.8935	2.6051	0.0518	0.2329	0.0046	0.0000	0.0000
2016-11-27 01:15:00	19.9118	2.6051	0.0519	0.2450	0.0049	0.0000	0.0000
2016-11-27 01:30:00	19.8098	2.6051	0.0516	0.2255	0.0045	0.0000	0.0000
2016-11-27 01:45:00	19.9381	2.6051	0.0519	0.2702	0.0054	0.0000	0.0000
2016-11-27 02:00:00	19.9171	2.6051	0.0519	0.2660	0.0053	0.0000	0.0000
2016-11-27 02:15:00	20.0739	2.6051	0.0523	0.2860	0.0057	0.0000	0.0000
2016-11-27 02:30:00	20.0883	2.6051	0.0523	0.2684	0.0054	0.0000	0.0000
2016-11-27 02:45:00	20.1681	2.6051	0.0525	0.3153	0.0064	0.0000	0.0000
2016-11-27 03:00:00	20.1884	2.6051	0.0526	0.3648	0.0074	0.0000	0.0000
2016-11-27 03:15:00	20.0845	2.6051	0.0523	0.3425	0.0069	0.0000	0.0000
2016-11-27 03:30:00	20.0790	2.6051	0.0523	0.3700	0.0074	0.0000	0.0000
2016-11-27 03:45:00	20.0301	2.6051	0.0522	0.3375	0.0068	0.0000	0.0000
			0.0534	0.3748	0.0075	0.0000	0.0000
2016-11-27 04:00:00 2016-11-27 04:15:00	20.0039 19.9588	2.6051 2.6051	0.0521 0.0520	0.3748	0.0073	0.0000 0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-27 04:30:00	19.9992	2.6051	0.0521	0.3214	0.0064	0.0000	0.0000
2016-11-27 04:45:00	20.1162	2.6051	0.0524	0.3073	0.0062	0.0000	0.0000
2016-11-27 05:00:00	20.0969	2.6051	0.0524	0.2418	0.0049	0.0000	0.0000
2016-11-27 05:15:00	20.1566	2.6051	0.0525	0.2497	0.0050	0.0000	0.0000
2016-11-27 05:30:00	20.1877	2.6051	0.0526	0.3033	0.0061	0.0000	0.0000
2016-11-27 05:45:00	20.1835	2.6051	0.0526	0.3811	0.0077	0.0000	0.0000
2016-11-27 06:00:00	20.1231	2.6051	0.0524	0.3037	0.0061	0.0000	0.0000
2016-11-27 06:15:00 2016-11-27 06:30:00	20.2035 20.2435	2.6051 2.6051	0.0526 0.0527	0.3117 0.3098	0.0063 0.0063	0.0000 0.0000	0.0000 0.0000
2016-11-27 06:35:00	20.1284	2.6051	0.0527	0.3098	0.0063	0.0000	0.0000
2016-11-27 07:00:00	20.1386	2.6051	0.0525	0.3432	0.0037	0.0000	0.0000
2016-11-27 07:15:00	20.0066	2.6051	0.0521	0.4722	0.0094	0.0000	0.0000
2016-11-27 07:30:00	19.7052	2.6051	0.0513	0.1231	0.0024	0.0000	0.0000
2016-11-27 07:45:00	19.6890	2.6051	0.0513	0.1701	0.0033	0.0000	0.0000
2016-11-27 08:00:00	19.7071	2.6051	0.0513	0.2297	0.0045	0.0000	0.0000
2016-11-27 08:15:00	19.7416	2.6051	0.0514	0.2287	0.0045	0.0000	0.0000
2016-11-27 08:30:00	19.6192	2.6051	0.0511	0.3734	0.0073	0.0000	0.0000
2016-11-27 08:45:00	19.6295	2.6051	0.0511	0.3236	0.0064	0.0000	0.0000
2016-11-27 09:00:00	19.6937	2.6051	0.0513	0.3205	0.0063	0.0000	0.0000
2016-11-27 09:15:00	19.6901	2.6051	0.0513	0.3059	0.0060	0.0000	0.0000
2016-11-27 09:30:00	19.6322	2.6051	0.0511	0.3074	0.0060	0.0000	0.0000
2016-11-27 09:45:00	19.6037	2.6051	0.0511	0.3402	0.0067	0.0000	0.0000
2016-11-27 10:00:00	19.6733	2.6051	0.0513	0.3606	0.0071	0.0000	0.0000
2016-11-27 10:15:00	19.6612	2.6051	0.0512	0.3639	0.0072	0.0000	0.0000
2016-11-27 10:30:00	19.8642	2.6051	0.0517	0.3639	0.0072	0.0000	0.0000
2016-11-27 10:45:00	19.8101	2.6051	0.0516	0.3639	0.0072	0.0000	0.0000
2016-11-27 11:00:00	19.8161	2.6051	0.0516	0.3390	0.0067	0.0000	0.0000
2016-11-27 11:15:00	19.8053	2.6051	0.0516	0.3057	0.0061	0.0000	0.0000
2016-11-27 11:30:00	19.8116	2.6051	0.0516	0.3015	0.0060	0.0000	0.0000
2016-11-27 11:45:00	19.8017	2.6051	0.0516	0.2802	0.0055	0.0000	0.0000
2016-11-27 12:00:00	19.8189	2.6051	0.0516	0.3155	0.0063	0.0000	0.0000
2016-11-27 12:15:00	19.8451	2.6051	0.0517	0.2788	0.0055	0.0000	0.0000
2016-11-27 12:30:00	19.9218	2.6051	0.0519	0.2863	0.0057	0.0000	0.0000
2016-11-27 12:45:00	19.8959	2.6051	0.0518	0.2767	0.0055	0.0000	0.0000
2016-11-27 13:00:00	20.0102	2.6051	0.0521	0.3124	0.0063	0.0000	0.0000
2016-11-27 13:15:00	19.9718	2.6051	0.0520	0.2753	0.0055	0.0000	0.0000
2016-11-27 13:30:00	19.8801	2.6051	0.0518	0.2657	0.0053	0.0000	0.0000
2016-11-27 13:45:00	19.9723	2.6051	0.0520	0.2506	0.0050	0.0000	0.0000
2016-11-27 14:00:00	19.9170	2.6051	0.0519	0.2968	0.0059	0.0000	0.0000
2016-11-27 14:15:00	19.9651	2.6051	0.0520	0.2918	0.0058	0.0000	0.0000
2016-11-27 14:30:00	19.9982	2.6051	0.0521	0.3174	0.0063	0.0000	0.0000
2016-11-27 14:45:00	19.9374	2.6051	0.0519	0.2754	0.0055	0.0000	0.0000
2016-11-27 15:00:00	19.9965	2.6051	0.0521	0.2511	0.0050	0.0000	0.0000
2016-11-27 15:15:00	19.9947	2.6051	0.0521	0.2765	0.0055	0.0000	0.0000
2016-11-27 15:30:00	19.8993	2.6051	0.0518	0.3834	0.0076	0.0000	0.0000
2016-11-27 15:45:00	19.9259	2.6051	0.0519	0.3066	0.0061	0.0000	0.0000
2016-11-27 16:00:00	19.9668	2.6051	0.0520	0.3889	0.0078	0.0000	0.0000
2016-11-27 16:15:00	19.9438	2.6051	0.0520	0.1728	0.0034	0.0000	0.0000
2016-11-27 16:30:00	20.0203	2.6051	0.0522	0.1564	0.0031	0.0000	0.0000
2016-11-27 16:45:00	20.1391	2.6051	0.0525	0.1243	0.0025	0.0000	0.0000
2016-11-27 17:00:00	20.0882	2.6051	0.0523	0.0685	0.0014	0.0000	0.0000
2016-11-27 17:15:00	19.9432	2.6051	0.0520	0.0449	0.0009	0.0000	0.0000
2016-11-27 17:30:00	19.8320	2.6051	0.0517	0.1725	0.0034	0.0000	0.0000
2016-11-27 17:45:00	19.9050	2.6051	0.0519	0.1233	0.0025	0.0000	0.0000
2016-11-27 18:00:00	19.8271	2.6051	0.0517	0.2827	0.0056	0.0000	0.0000
2016-11-27 18:15:00	19.8569	2.6051	0.0517	0.2961	0.0059	0.0000	0.0000
2016-11-27 18:30:00	19.8255	2.6051	0.0516	0.4046	0.0080	0.0000	0.0000
2016-11-27 18:45:00	19.8365	2.6051	0.0517	0.3874	0.0077	0.0000	0.0000
2016-11-27 19:00:00	19.8995	2.6051	0.0518	0.3416	0.0068	0.0000	0.0000
2016-11-27 19:15:00	19.8336	2.6051	0.0517	0.3358	0.0067	0.0000	0.0000
2016-11-27 19:30:00	19.8418	2.6051	0.0517	0.3369	0.0067	0.0000	0.0000
2016-11-27 19:45:00	19.7337	2.6051	0.0514	0.3857	0.0076	0.0000	0.0000
2016-11-27 20:00:00	14.5644	2.6051	0.0379	0.3225	0.0047	0.0000	0.0000
2016-11-27 20:15:00	0.0000	2.6051	0.0000	0.3914	0.0000	0.0000	0.0000
2016-11-27 20:30:00	0.0000	2.6051	0.0000	0.3914	0.0000	0.0000	0.0000
2016-11-27 20:45:00	0.0000	2.6051	0.0000	0.3914	0.0000	0.0000	0.0000
2016-11-27 21:00:00	0.0000	2.6051	0.0000	0.3914	0.0000	0.0000	0.0000
2016-11-27 21:15:00	0.0000	2.6051	0.0000	0.3914	0.0000	0.0000	0.0000
2016-11-27 21:30:00	0.0000	2.6051	0.0000	0.3914	0.0000	0.0000	0.0000
2016-11-27 21:45:00	0.0000	2.6051	0.0000	0.3914	0.0000	0.0000	0.0000
2016-11-27 22:00:00	0.0000	2.6051	0.0000	0.3914	0.0000	0.0000	0.0000
2016-11-27 22:15:00	0.0000	2.6051	0.0000	0.4429	0.0000	0.0000	0.0000
2016-11-27 22:30:00	0.0000	2.6051	0.0000	0.5047	0.0000	0.0000	0.0000
2016-11-27 22:45:00	0.0000	2.6051	0.0000	0.5047	0.0000	0.0000	0.0000
2016-11-27 23:00:00	0.0000	2.6051	0.0000	0.5047	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-27 23:15:00	0.0000	2.6051	0.0000	0.5047	0.0000	0.0000	0.0000
2016-11-27 23:30:00	0.0000	2.6051	0.0000	0.5047	0.0000	0.0000	0.0000
2016-11-27 23:45:00 2016-11-28 00:00:00	0.0000	2.6051	0.0000	0.5047	0.0000	0.0000	0.0000
2016-11-28 00:00:00	0.0000 0.0000	2.6051 2.6051	0.0000 0.0000	0.5047 0.5047	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2016-11-28 00:30:00	0.0000	2.6051	0.0000	0.5047	0.0000	0.0000	0.0000
2016-11-28 00:45:00	0.0000	2.6051	0.0000	0.5047	0.0000	0.0000	0.0000
2016-11-28 01:00:00	0.0000	2.6051	0.0000	0.5047	0.0000	0.0000	0.0000
2016-11-28 01:15:00	0.0000	2.6051	0.0000	0.4377	0.0000	0.0000	0.0000
2016-11-28 01:30:00	0.0000	2.6051	0.0000	0.5238	0.0000	0.0000	0.0000
2016-11-28 01:45:00	0.0180	2.6051	0.0000	0.4820	0.0000	0.0000	0.0000
2016-11-28 02:00:00	0.0739	2.6051	0.0002	0.4820	0.0000	0.0000	0.0000
2016-11-28 02:15:00	1.0979	2.6051	0.0029	0.4820	0.0005	0.0000	0.0000
2016-11-28 02:30:00	0.0359	2.6051	0.0001	0.4412	0.0000	0.0000	0.0000
2016-11-28 02:45:00	0.0000	2.6051	0.0000	0.4073	0.0000	0.0000	0.0000
2016-11-28 03:00:00	0.0180	2.6051	0.0000	0.4738	0.0000	0.0000	0.0000
2016-11-28 03:15:00	0.0365	2.6051	0.0001	0.4738	0.0000	0.0000	0.0000
2016-11-28 03:30:00	1.9934	2.6051	0.0052	0.4738	0.0009	0.0000	0.0000
2016-11-28 03:45:00	1.5042	2.6051	0.0039	0.4738	0.0007	0.0000	0.0000
2016-11-28 04:00:00	1.4038	2.6051	0.0037	0.4738	0.0007	0.0000	0.0000
2016-11-28 04:15:00	2.1751	2.6051	0.0057	0.4738	0.0010	0.0000	0.0000
2016-11-28 04:30:00	3.0065	2.6051	0.0078	0.4738	0.0014	0.0000	0.0000
2016-11-28 04:45:00	3.2693	2.6051	0.0085	0.4738	0.0015	0.0000	0.0000
2016-11-28 05:00:00	3.2021	2.6051	0.0083	0.5624	0.0018	0.0000	0.0000
2016-11-28 05:15:00	3.3689	2.6051	0.0088	0.5905	0.0020	0.0000	0.0000
2016-11-28 05:30:00	3.3689	2.6051	0.0088	0.5190	0.0017	0.0000	0.0000
2016-11-28 05:45:00	3.5274	2.6051	0.0092	0.4772	0.0017	0.0000	0.0000
2016-11-28 06:00:00	3.8247	2.6051	0.0100	0.4772	0.0018	0.0000	0.0000
2016-11-28 06:15:00	3.8247	2.6051	0.0100	0.4772	0.0018	0.0000	0.0000
2016-11-28 06:30:00	3.8247	2.6051	0.0100	0.4772	0.0018	0.0000	0.0000
2016-11-28 06:45:00	3.8247	2.6051	0.0100	0.2675	0.0010	0.0000	0.0000
2016-11-28 07:00:00	3.4482	2.6051	0.0090	0.2431	0.0008	0.0000	0.0000
2016-11-28 07:15:00	6.5732	2.6051	0.0171	0.3847	0.0025	0.0000	0.0000
2016-11-28 07:30:00	15.0566	2.6051	0.0392	0.2287	0.0034	0.0000	0.0000
2016-11-28 07:45:00	18.8844	2.6051	0.0492	0.3511	0.0066	0.0000	0.0000
2016-11-28 08:00:00	19.5842	2.6051	0.0510	0.3593	0.0070	0.0000	0.0000
2016-11-28 08:15:00	19.7689	2.6051	0.0515	0.3449	0.0068	0.0000	0.0000
2016-11-28 08:30:00	19.6538	2.6051	0.0512	0.3413 0.3884	0.0067 0.0076	0.0000 0.0000	0.0000
2016-11-28 08:45:00 2016-11-28 09:00:00	19.5450 19.6448	2.6051 2.6051	0.0509 0.0512	0.3884	0.0076	0.0000	0.0000 0.0000
2016-11-28 09:00:00	19.4436	2.6051	0.0512	0.3933	0.0076	0.0000	0.0000
2016-11-28 09:30:00	19.5047	2.6051	0.0508	0.5340	0.0104	0.0000	0.0000
2016-11-28 09:45:00	19.7140	2.6051	0.0514	0.3925	0.0077	0.0000	0.0000
2016-11-28 10:00:00	19.7272	2.6051	0.0514	0.3259	0.0064	0.0000	0.0000
2016-11-28 10:05:00	19.8015	2.6051	0.0514	0.3758	0.0074	0.0000	0.0000
2016-11-28 10:30:00	19.8337	2.6051	0.0517	0.3611	0.0074	0.0000	0.0000
2016-11-28 10:45:00	19.8816	2.6051	0.0517	0.3396	0.0068	0.0000	0.0000
2016-11-28 11:00:00	19.8564	2.6051	0.0517	0.3525	0.0070	0.0000	0.0000
2016-11-28 11:15:00	19.8881	2.6051	0.0517	0.3698	0.0074	0.0000	0.0000
2016-11-28 11:30:00	19.7416	2.6051	0.0514	0.3194	0.0063	0.0000	0.0000
2016-11-28 11:45:00	19.6448	2.6051	0.0512	0.3775	0.0074	0.0000	0.0000
2016-11-28 12:00:00	19.7098	2.6051	0.0513	0.3771	0.0074	0.0000	0.0000
2016-11-28 12:15:00	19.6621	2.6051	0.0512	0.3385	0.0067	0.0000	0.0000
2016-11-28 12:30:00	19.6687	2.6051	0.0512	0.3362	0.0066	0.0000	0.0000
2016-11-28 12:45:00	19.7821	2.6051	0.0515	0.3422	0.0068	0.0000	0.0000
2016-11-28 13:00:00	19.6826	2.6051	0.0513	0.3381	0.0067	0.0000	0.0000
2016-11-28 13:15:00	19.6699	2.6051	0.0512	0.3216	0.0063	0.0000	0.0000
2016-11-28 13:30:00	19.8716	2.6051	0.0518	0.2245	0.0045	0.0000	0.0000
2016-11-28 13:45:00	19.8626	2.6051	0.0517	0.3007	0.0060	0.0000	0.0000
2016-11-28 14:00:00	20.0004	2.6051	0.0521	0.2494	0.0050	0.0000	0.0000
2016-11-28 14:15:00	20.0435	2.6051	0.0522	0.3015	0.0060	0.0000	0.0000
2016-11-28 14:30:00	20.0049	2.6051	0.0521	0.1671	0.0033	0.0000	0.0000
2016-11-28 14:45:00	20.0065	2.6051	0.0521	0.3204	0.0064	0.0000	0.0000
2016-11-28 15:00:00	20.0286	2.6051	0.0522	0.3360	0.0067	0.0000	0.0000
2016-11-28 15:15:00	19.9909	2.6051	0.0521	0.2445	0.0049	0.0000	0.0000
2016-11-28 15:30:00	20.0133	2.6051	0.0521	0.2597	0.0052	0.0000	0.0000
2016-11-28 15:45:00	19.9282	2.6051	0.0519	0.3003	0.0060	0.0000	0.0000
2016-11-28 16:00:00	19.8330	2.6051	0.0517	0.2446	0.0049	0.0000	0.0000
2016-11-28 16:15:00	19.9413	2.6051	0.0519	0.2904	0.0058	0.0000	0.0000
2016-11-28 16:30:00	19.9878	2.6051	0.0521	0.2600	0.0052	0.0000	0.0000
2016-11-28 16:45:00	20.0584	2.6051	0.0523	0.3238	0.0065	0.0000	0.0000
2016-11-28 17:00:00	20.0294	2.6051	0.0522	0.3702	0.0074	0.0000	0.0000
2016-11-28 17:15:00	19.9568	2.6051	0.0520	0.1969	0.0039	0.0000	0.0000
2016-11-28 17:30:00	19.8121	2.6051	0.0516	0.1791	0.0035	0.0000	0.0000
2016-11-28 17:45:00	19.8959	2.6051	0.0518	0.1925	0.0038	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-28 18:00:00	19.9936	2.6051	0.0521	0.1612	0.0032	0.0000	0.0000
2016-11-28 18:15:00	19.9198	2.6051	0.0519	0.2733	0.0054	0.0000	0.0000
2016-11-28 18:30:00	19.7890	2.6051	0.0516	0.3618	0.0072	0.0000	0.0000
2016-11-28 18:45:00	19.7375	2.6051	0.0514	0.2090	0.0041	0.0000	0.0000
2016-11-28 19:00:00	19.6849	2.6051	0.0513	0.2892	0.0057	0.0000	0.0000
2016-11-28 19:15:00	19.6396	2.6051	0.0512	0.3800	0.0075	0.0000	0.0000
2016-11-28 19:30:00	19.6901	2.6051	0.0513	0.2589 0.3274	0.0051	0.0000	0.0000
2016-11-28 19:45:00 2016-11-28 20:00:00	19.7840 19.8011	2.6051 2.6051	0.0515 0.0516	0.3274	0.0065 0.0051	0.0000 0.0000	0.0000
2016-11-28 20:00:00	19.7714	2.6051	0.0516	0.2883	0.0051	0.0000	0.0000
2016-11-28 20:30:00	19.5981	2.6051	0.0513	0.4440	0.0037	0.0000	0.0000
2016-11-28 20:45:00	19.6031	2.6051	0.0511	0.3348	0.0066	0.0000	0.0000
2016-11-28 21:00:00	19.5787	2.6051	0.0511	0.3657	0.0072	0.0000	0.0000
2016-11-28 21:15:00	19.7089	2.6051	0.0510	0.3066	0.0060	0.0000	0.0000
2016-11-28 21:30:00	19.8570	2.6051	0.0517	0.3888	0.0077	0.0000	0.0000
2016-11-28 21:45:00	19.7352	2.6051	0.0514	0.3648	0.0072	0.0000	0.0000
2016-11-28 22:00:00	19.7409	2.6051	0.0514	0.3687	0.0073	0.0000	0.0000
2016-11-28 22:15:00	19.7044	2.6051	0.0513	0.3637	0.0072	0.0000	0.0000
2016-11-28 22:30:00	19.7166	2.6051	0.0514	0.3356	0.0066	0.0000	0.0000
2016-11-28 22:45:00	19.6807	2.6051	0.0513	0.4088	0.0080	0.0000	0.0000
2016-11-28 23:00:00	19.7504	2.6051	0.0515	0.1912	0.0038	0.0000	0.0000
2016-11-28 23:15:00	19.6539	2.6051	0.0512	0.1970	0.0039	0.0000	0.0000
2016-11-28 23:30:00	19.7383	2.6051	0.0514	0.2293	0.0045	0.0000	0.0000
2016-11-28 23:45:00	19.7577	2.6051	0.0515	0.2638	0.0052	0.0000	0.0000
2016-11-29 00:00:00	20.5753	2.6051	0.0536	0.3064	0.0063	0.0000	0.0000
2016-11-29 00:15:00	24.0915	2.6051	0.0628	0.1963	0.0047	0.0000	0.0000
2016-11-29 00:30:00	26.3906	2.6051	0.0687	0.2593	0.0068	0.0000	0.0000
2016-11-29 00:45:00	26.4831	2.6051	0.0690	0.3107	0.0082	0.0000	0.0000
2016-11-29 01:00:00	26.4627	2.6051	0.0689	0.2925	0.0077	0.0000	0.0000
2016-11-29 01:15:00	27.0746	2.6051	0.0705	0.1976	0.0054	0.0000	0.0000
2016-11-29 01:30:00	27.6664	2.6051	0.0721	0.1647	0.0046	0.0000	0.0000
2016-11-29 01:45:00	27.6338	2.6051	0.0720	0.2856	0.0079	0.0000	0.0000
2016-11-29 02:00:00	27.6841	2.6051	0.0721	0.3402	0.0094	0.0000	0.0000
2016-11-29 02:15:00	27.6963	2.6051	0.0722	0.3625	0.0100	0.0000	0.0000
2016-11-29 02:30:00	27.6356	2.6051	0.0720	0.3181	0.0088	0.0000	0.0000
2016-11-29 02:45:00	27.7444	2.6051	0.0723	0.3325	0.0092	0.0000	0.0000
2016-11-29 03:00:00	27.6635	2.6051	0.0721	0.2977	0.0082	0.0000	0.0000
2016-11-29 03:15:00	27.6572	2.6051	0.0720	0.3177	0.0088	0.0000	0.0000
2016-11-29 03:30:00	27.5746	2.6051	0.0718	0.3466	0.0096	0.0000	0.0000
2016-11-29 03:45:00	26.8174	2.6051	0.0699	0.3511	0.0094	0.0000	0.0000
2016-11-29 04:00:00	26.7675	2.6051	0.0697	0.2819	0.0075	0.0000	0.0000
2016-11-29 04:15:00	26.7579	2.6051	0.0697	0.2679	0.0072	0.0000	0.0000
2016-11-29 04:30:00	26.6944	2.6051	0.0695	0.2837	0.0076	0.0000	0.0000
2016-11-29 04:45:00	26.6541	2.6051	0.0694	0.3155	0.0084	0.0000	0.0000
2016-11-29 05:00:00	26.6616	2.6051	0.0695	0.3063	0.0082	0.0000	0.0000
2016-11-29 05:15:00	26.6246	2.6051	0.0694	0.3319	0.0088	0.0000	0.0000
2016-11-29 05:30:00	26.6190	2.6051	0.0693	0.3285	0.0087	0.0000	0.0000
2016-11-29 05:45:00	26.5261	2.6051	0.0691	0.3511	0.0093	0.0000	0.0000
2016-11-29 06:00:00	26.4274	2.6051	0.0688	0.2602	0.0069	0.0000	0.0000
2016-11-29 06:15:00	26.3916	2.6051	0.0688	0.2838	0.0075	0.0000	0.0000
2016-11-29 06:30:00	26.3970	2.6051	0.0688	0.3115	0.0082	0.0000	0.0000
2016-11-29 06:45:00	26.4286	2.6051	0.0688	0.3179	0.0084	0.0000	0.0000
2016-11-29 07:00:00	26.4299	2.6051	0.0689	0.3325	0.0088	0.0000	0.0000
2016-11-29 07:15:00	26.3100	2.6051	0.0685	0.3282	0.0086	0.0000	0.0000
2016-11-29 07:30:00	26.0954	2.6051	0.0680	0.3618	0.0094	0.0000	0.0000
2016-11-29 07:45:00	26.2363	2.6051	0.0683	0.3225	0.0085	0.0000	0.0000
2016-11-29 08:00:00	26.1754	2.6051	0.0682	0.1997	0.0052	0.0000	0.0000
2016-11-29 08:15:00	26.1714	2.6051	0.0682	0.0533	0.0014	0.0000	0.0000
2016-11-29 08:30:00	25.9684	2.6051	0.0676	0.1701	0.0044	0.0000	0.0000
2016-11-29 08:45:00	25.9258	2.6051	0.0675	0.2665	0.0069	0.0000	0.0000
2016-11-29 09:00:00	25.9392	2.6051	0.0676	0.2721	0.0071	0.0000	0.0000
2016-11-29 09:15:00	25.8487	2.6051	0.0673	0.2643	0.0068	0.0000	0.0000
2016-11-29 09:30:00	25.8966	2.6051	0.0675	0.3590	0.0093	0.0000	0.0000
2016-11-29 09:45:00	25.9381	2.6051	0.0676	0.3469	0.0090	0.0000	0.0000
2016-11-29 10:00:00	25.9552	2.6051	0.0676	0.3195	0.0083	0.0000	0.0000
2016-11-29 10:15:00	26.0244	2.6051	0.0678	0.3756	0.0098	0.0000	0.0000
2016-11-29 10:30:00	26.0511	2.6051	0.0679	0.3756	0.0098	0.0000	0.0000
2016-11-29 10:45:00	26.1445	2.6051	0.0681	0.3756	0.0098	0.0000	0.0000
2016-11-29 11:00:00	26.1173	2.6051	0.0680	0.3756	0.0098	0.0000	0.0000
2016-11-29 11:15:00	25.8733	2.6051	0.0674	0.3756	0.0097	0.0000	0.0000
2016-11-29 11:30:00	25.1341	2.6051	0.0655	0.3756	0.0094	0.0000	0.0000
2016-11-29 11:45:00	24.9126	2.6051	0.0649	0.3756	0.0094	0.0000	0.0000
2016-11-29 12:00:00	24.8798	2.6051	0.0648	0.3528	0.0088	0.0000	0.0000
2016-11-29 12:15:00	24.8983 24.9815	2.6051 2.6051	0.0649	0.3266	0.0081	0.0000	0.0000
2016-11-29 12:30:00	2/10215	 2.6051 	0.0651	0.2579	0.0064	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-29 12:45:00	24.8718	2.6051	0.0648	0.2344	0.0058	0.0000	0.0000
2016-11-29 13:00:00	24.9724	2.6051	0.0651	0.2823	0.0071	0.0000	0.0000
2016-11-29 13:15:00	24.9460	2.6051	0.0650	0.2631	0.0066	0.0000	0.0000
2016-11-29 13:30:00 2016-11-29 13:45:00	24.9382 25.0021	2.6051 2.6051	0.0650 0.0651	0.2614 0.2410	0.0065 0.0060	0.0000 0.0000	0.0000 0.0000
2016-11-29 13:45:00	25.1424	2.6051	0.0651	0.2410	0.0048	0.0000	0.0000
2016-11-29 14:15:00	25.1291	2.6051	0.0655	0.1509	0.0038	0.0000	0.0000
2016-11-29 14:30:00	25.1707	2.6051	0.0656	0.1623	0.0038	0.0000	0.0000
2016-11-29 14:45:00	25.1311	2.6051	0.0655	0.0859	0.0022	0.0000	0.0000
2016-11-29 15:00:00	25.1510	2.6051	0.0655	0.0462	0.0012	0.0000	0.0000
2016-11-29 15:15:00	25.1481	2.6051	0.0655	0.0687	0.0017	0.0000	0.0000
2016-11-29 15:30:00	25.1661	2.6051	0.0656	0.0600	0.0015	0.0000	0.0000
2016-11-29 15:45:00	25.2079	2.6051	0.0657	0.0563	0.0014	0.0000	0.0000
2016-11-29 16:00:00	25.1417	2.6051	0.0655	0.0563	0.0014	0.0000	0.0000
2016-11-29 16:15:00	25.0759	2.6051	0.0653	0.0978	0.0025	0.0000	0.0000
2016-11-29 16:30:00	25.0888	2.6051	0.0654	0.1554	0.0039	0.0000	0.0000
2016-11-29 16:45:00	25.0791	2.6051	0.0653	0.0603	0.0015	0.0000	0.0000
2016-11-29 17:00:00	25.0146	2.6051	0.0652	0.2319	0.0058	0.0000	0.0000
2016-11-29 17:15:00	25.0806	2.6051	0.0653	0.2219	0.0056	0.0000	0.0000
2016-11-29 17:30:00	25.0707	2.6051	0.0653	0.3328	0.0083	0.0000	0.0000
2016-11-29 17:45:00	25.0644	2.6051	0.0653	0.3408	0.0085	0.0000	0.0000
2016-11-29 18:00:00	25.1128	2.6051	0.0654	0.3504	0.0088	0.0000	0.0000
2016-11-29 18:15:00	25.1624	2.6051	0.0655	0.3334	0.0084	0.0000	0.0000
2016-11-29 18:30:00	25.1279	2.6051	0.0655	0.3500	0.0088	0.0000	0.0000
2016-11-29 18:45:00	25.0427	2.6051	0.0652	0.3126	0.0078	0.0000	0.0000
2016-11-29 19:00:00	25.1551	2.6051	0.0655	0.2339	0.0059	0.0000	0.0000
2016-11-29 19:15:00	25.1536	2.6051	0.0655	0.2535	0.0064	0.0000	0.0000
2016-11-29 19:30:00	25.1003	2.6051	0.0654	0.3048	0.0077	0.0000	0.0000
2016-11-29 19:45:00	25.1101	2.6051	0.0654	0.2771	0.0070	0.0000	0.0000
2016-11-29 20:00:00	25.7359	2.6051	0.0670	0.2298	0.0059	0.0000	0.0000
2016-11-29 20:15:00	26.8111	2.6051	0.0698	0.2870	0.0077	0.0000	0.0000
2016-11-29 20:30:00	26.9400	2.6051	0.0702	0.0795	0.0021	0.0000	0.0000
2016-11-29 20:45:00	26.9391	2.6051	0.0702	0.1172	0.0032	0.0000	0.0000
2016-11-29 21:00:00	26.6990	2.6051	0.0696	0.2356	0.0063	0.0000	0.0000
2016-11-29 21:15:00	26.2519	2.6051	0.0684	0.2558	0.0067	0.0000	0.0000
2016-11-29 21:30:00	25.5471	2.6051	0.0666	0.2366	0.0060	0.0000	0.0000
2016-11-29 21:45:00	25.6620	2.6051	0.0669	0.2993	0.0077	0.0000	0.0000
2016-11-29 22:00:00	25.6281	2.6051	0.0668	0.2702	0.0069 0.0080	0.0000 0.0000	0.0000
2016-11-29 22:15:00 2016-11-29 22:30:00	25.6045 25.6225	2.6051 2.6051	0.0667 0.0667	0.3127 0.2790	0.0080	0.0000	0.0000 0.0000
2016-11-29 22:45:00	26.4782	2.6051	0.0690	0.2790	0.0071	0.0000	0.0000
2016-11-29 23:00:00	26.9365	2.6051	0.0702	0.1448	0.0039	0.0000	0.0000
2016-11-29 23:15:00	29.9856	336.4826	10.0896	0.2385	0.0039	264.8886	15.4091
2016-11-29 23:30:00	30.0007	959.9372	28.7988	0.3543	0.0106	49.7328	2.8945
2016-11-29 23:45:00	30.9635	111.2533	3.4448	5.9645	0.1847	42.2974	2.5408
2016-11-30 00:00:00	31.0953	20.5494	0.6390	7.7138	0.2399	42.2974	2.5516
2016-11-30 00:15:00	31.2278	20.4398	0.6383	0.7864	0.0246	39.0076	2.3632
2016-11-30 00:30:00	31.3085	20.4398	0.6399	0.4015	0.0126	27.1912	1.6516
2016-11-30 00:45:00	31.2563	20.4398	0.6389	0.3708	0.0116	27.1912	1.6488
2016-11-30 01:00:00	31.3759	20.4398	0.6413	0.3891	0.0122	27.1912	1.6551
2016-11-30 01:15:00	31.3095	20.4398	0.6400	0.4332	0.0136	27.1912	1.6516
2016-11-30 01:30:00	31.3070	34.1697	1.0697	0.3196	0.0100	27.1912	1.6515
2016-11-30 01:45:00	31.3573	53.3039	1.6715	0.1708	0.0054	27.1912	1.6541
2016-11-30 02:00:00	31.2862	53.3039	1.6677	0.2577	0.0081	27.1912	1.6504
2016-11-30 02:15:00	31.3154	66.5664	2.0846	0.1732	0.0054	27.1912	1.6519
2016-11-30 02:30:00	31.4180	94.8549	2.9802	0.3278	0.0103	27.1912	1.6573
2016-11-30 02:45:00	31.3065	85.0090	2.6613	0.3206	0.0100	27.1912	1.6514
2016-11-30 03:00:00	31.3300	53.3039	1.6700	0.2185	0.0068	27.1912	1.6527
2016-11-30 03:15:00	31.3202	53.3039	1.6695	0.2798	0.0088	27.1912	1.6522
2016-11-30 03:30:00	31.3405	80.3433	2.5180	0.2579	0.0081	27.1912	1.6532
2016-11-30 03:45:00	31.2889	86.3684	2.7024	0.5491	0.0172	27.1912	1.6505
2016-11-30 04:00:00	31.1933	86.3684	2.6941	3.4179	0.1066	27.1912	1.6455
2016-11-30 04:15:00	31.1935	86.3684	2.6941	2.6288	0.0820	27.1912	1.6455
2016-11-30 04:30:00	31.2814	90.2626	2.8235	2.5389	0.0794	27.1912	1.6501
2016-11-30 04:45:00	31.2258	119.4328	3.7294	1.7538	0.0548	27.1912	1.6472
2016-11-30 05:00:00	31.4002	119.4328	3.7502	10.0258	0.3148	27.1912	1.6564
2016-11-30 05:15:00	31.4628	119.4328	3.7577	11.1765	0.3516	27.1912	1.6597
2016-11-30 05:30:00	31.2634	119.4328	3.7339	11.1765	0.3494	27.1912	1.6492
2016-11-30 05:45:00	31.2656	119.4328	3.7341	11.1765	0.3494	27.1912	1.6493
2016-11-30 06:00:00	31.4179	119.4328	3.7523	11.1765	0.3511	28.6346	1.7453
2016-11-30 06:15:00	31.4589	119.4328	3.7572	11.1765	0.3516	42.2974	2.5814
2016-11-30 06:30:00	31.5772	119.4328	3.7714	11.1765	0.3529	42.2974	2.5911
2016-11-30 06:45:00	31.6690	119.4328	3.7823	11.1765	0.3539	42.2974	2.5987
2016-11-30 07:00:00	31.4669	119.4328	3.7582	11.1765	0.3517	42.2974	2.5821
2016-11-30 07:15:00	31.3731	119.4328	3.7470	11.1765	0.3506	42.2974	2.5744

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-11-30 07:30:00	31.5301	119.4328	3.7657	11.1765	0.3524	42.2974	2.5873
2016-11-30 07:45:00	31.5185	119.4328	3.7643	11.1765	0.3523	42.2974	2.5863
2016-11-30 08:00:00	31.2628	158.8318	4.9655	11.1765	0.3494	42.2974	2.5653
2016-11-30 08:15:00	31.1906	241.3772	7.5287	11.1765	0.3486	42.2974	2.5594
2016-11-30 08:30:00	31.0985	164.5207	5.1163	11.1765	0.3476	42.2974	2.5518
2016-11-30 08:45:00	31.2067	192.3282	6.0019	11.1765	0.3488	42.2974	2.5607
2016-11-30 09:00:00	31.1059	376.4661	11.7103	11.1765	0.3477	42.2974	2.5525
2016-11-30 09:15:00	31.0173	246.4582	7.6445	11.1765	0.3467	42.2974	2.5452
2016-11-30 09:30:00	31.1211	196.0154	6.1002	11.1765	0.3478	42.2974	2.5537
2016-11-30 09:45:00	31.2560	183.1570	5.7248	11.1765	0.3493	42.2974	2.5648
2016-11-30 10:00:00	31.1702	183.1570	5.7090	11.1765	0.3484	42.2974	2.5577
2016-11-30 10:15:00	31.2578	183.1570	5.7251	11.1765	0.3494	42.2974	2.5649
2016-11-30 10:30:00	31.2699	183.1570	5.7273	11.1765	0.3495	42.2974	2.5659
2016-11-30 10:45:00	31.2722	183.1570	5.7277	11.1765	0.3495	42.2974	2.5661
2016-11-30 11:00:00	31.2299	183.1570	5.7200	11.1765	0.3490	42.2974	2.5626
2016-11-30 11:15:00	31.0052	156.1544	4.8416	11.1765	0.3465	42.2974	2.5442
2016-11-30 11:30:00	30.9709	150.0926	4.6485	11.1765	0.3461	42.2974	2.5414
2016-11-30 11:45:00	31.0379	150.0926	4.6586	11.1765	0.3469	42.2974	2.5469
2016-11-30 12:00:00	31.0951	131.8348	4.0994	11.1765	0.3475	42.2974	2.5516
2016-11-30 12:15:00	31.0064	117.2285	3.6348	11.1765	0.3465	32.3944 27.1912	1.9486
2016-11-30 12:30:00 2016-11-30 12:45:00	30.8933 30.8498	117.2285 117.2285	3.6216 3.6165	11.1765 11.1765	0.3453 0.3448	27.1912 27.1912	1.6296 1.6274
2016-11-30 13:00:00 2016-11-30 13:15:00	30.9677 31.0758	91.1811 84.1641	2.8237 2.6155	11.1765 11.1765	0.3461 0.3473	27.1912 27.1912	1.6336 1.6393
						27.1912	
2016-11-30 13:30:00	31.0019	84.1641	2.6092	11.1765	0.3465	_	1.6354
2016-11-30 13:45:00	31.1140	84.1641	2.6187	11.1765	0.3477	27.1912	1.6413
2016-11-30 14:00:00 2016-11-30 14:15:00	31.1788	84.1641	2.6241	11.0875 6.2288	0.3457	27.1912 27.1912	1.6447
2016-11-30 14:15:00	31.0586	84.1641	2.6140 2.6115	2.2082	0.1935	27.1912	1.6384
2016-11-30 14:30:00	31.0288	84.1641	2.6115		0.0685 0.0347	27.1912	1.6368
2016-11-30 14:45:00	31.0041	84.1641	2.6094	1.1207 3.0454	0.0347	27.1912	1.6355
	31.0424	84.1641					1.6375
2016-11-30 15:15:00	30.9803	84.1641	2.6074	0.9029	0.0280	27.1912	1.6342
2016-11-30 15:30:00	14.1637	55.5817	0.7872	2.8021	0.0397	27.1912	0.7471
2016-11-30 15:45:00	0.0000	100.7471	0.0000	10.4979	0.0000	20.7291	0.0000
2016-11-30 16:00:00	0.0000	355.7720	0.0000	11.2500	0.0000	88.7592	0.0000
2016-11-30 16:15:00	0.0000	326.1291	0.0000	11.2500	0.0000	82.0283	0.0000
2016-11-30 16:30:00	0.0000	294.3738	0.0000	11.2500	0.0000	37.7609	0.0000
2016-11-30 16:45:00	0.0000	284.6749	0.0000	11.2500	0.0000	20.5806	0.0000
2016-11-30 17:00:00	0.0000	261.3094	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 17:15:00	0.0000	266.9671	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 17:30:00	0.0000	328.7230	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 17:45:00	0.0000	395.6980	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 18:00:00	0.0000	433.7589	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 18:15:00	0.0000	459.6961	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 18:30:00	0.0000	480.8206	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 18:45:00	0.0000	422.4827	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 19:00:00	0.0000	380.0796	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 19:15:00	0.0000	337.0804	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 19:30:00	0.0000	300.1912	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 19:45:00	0.0000	270.4839	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 20:00:00	0.0000	258.1031	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 20:15:00	0.0000	227.5001	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 20:30:00	0.0000	213.3559	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 20:45:00	0.0000	191.9742	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 21:00:00	0.0000	191.9742	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 21:15:00	0.0000	191.9742	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 21:30:00	0.0000	166.3037	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 21:45:00	0.0000	159.1102	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 22:00:00	0.0000	159.1102	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 22:15:00	0.0000	159.1102	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 22:30:00	0.0000	159.1102	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 22:45:00	0.0000	159.1102	0.0000	11.2500	0.0000	12.5427	0.0000
2016-11-30 23:00:00	1.1719	152.9381	0.1792	11.2500	0.0132	12.5427	0.0285
2016-11-30 23:15:00	3.2963	126.0457	0.4155	11.2500	0.0371	12.5427	0.0802
2016-11-30 23:30:00	3.6137	126.0457	0.4555	11.2500	0.0407	12.5427	0.0879
2016-11-30 23:45:00	3.9061	126.0457	0.4923	11.2500	0.0439	12.5427	0.0950
2016-12-01 00:00:00	4.2624	126.0457	0.5373	11.2500	0.0480	12.5427	0.1037
2016-12-01 00:15:00	4.4778	126.0457	0.5644	11.2500	0.0504	12.5427	0.1090
2016-12-01 00:30:00	4.4778	126.0457	0.5644	11.2500	0.0504	12.5427	0.1090
2016-12-01 00:45:00	4.4778	126.0457	0.5644	11.2500	0.0504	12.5427	0.1090
2016-12-01 01:00:00	4.4778	126.0457	0.5644	11.2500	0.0504	12.5427	0.1090
2016-12-01 01:15:00	4.4778	126.0457	0.5644	11.2500	0.0504	12.5427	0.1090
2016-12-01 01:30:00	4.4778	126.0457	0.5644	11.2500	0.0504	12.5427	0.1090
2016-12-01 01:45:00	4.4778	126.0457	0.5644	11.2500	0.0504	12.5427	0.1090
2016-12-01 02:00:00	4.4778	126.0457	0.5644	11.2500	0.0504	12.5427	0.1090

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-01 02:15:00	4.3769	126.0457	0.5517	11.2500	0.0492	12.5427	0.1065
2016-12-01 02:30:00	0.3608	126.0457	0.0455	11.2500	0.0041	12.5427	0.0088
2016-12-01 02:45:00	0.0000	126.0457	0.0000	11.2500	0.0000	12.5427	0.0000
2016-12-01 03:00:00	0.0000	126.0457	0.0000	11.2500	0.0000 0.0000	12.5427	0.0000
2016-12-01 03:15:00 2016-12-01 03:30:00	0.0000 0.0000	126.0457 126.0457	0.0000 0.0000	11.2500 11.2500	0.0000	12.5427 12.5427	0.0000
2016-12-01 03:30:00	0.0000	126.0457	0.0000	11.2500	0.0000	12.5427	0.0000
2016-12-01 03:45:00	0.0000	110.1748	0.0000	11.2500	0.0000	12.5427	0.0000
2016-12-01 04:05:00	0.0000	92.9813	0.0000	11.2386	0.0000	12.5427	0.0000
2016-12-01 04:30:00	0.0000	92.9813	0.0000	10.6412	0.0000	12.5427	0.0000
2016-12-01 04:45:00	0.0000	92.9813	0.0000	10.9524	0.0000	12.5427	0.0000
2016-12-01 05:00:00	0.0000	92.9813	0.0000	9.3819	0.0000	12.5427	0.0000
2016-12-01 05:15:00	0.0000	92.9813	0.0000	10.1214	0.0000	12.5427	0.0000
2016-12-01 05:30:00	0.0000	92.9813	0.0000	10.6581	0.0000	12.5427	0.0000
2016-12-01 05:45:00	0.0000	92.9813	0.0000	11.1976	0.0000	12.5427	0.0000
2016-12-01 06:00:00	0.0000	92.9813	0.0000	11.0305	0.0000	12.5427	0.0000
2016-12-01 06:15:00	0.0000	92.9813	0.0000	10.5914	0.0000	12.5427	0.0000
2016-12-01 06:30:00	0.0000	92.9813	0.0000	11.0504	0.0000	12.5427	0.0000
2016-12-01 06:45:00	0.0000	67.0073	0.0000	10.8252	0.0000	12.5427	0.0000
2016-12-01 07:00:00	0.0000	59.9168	0.0000	9.7003	0.0000	12.5427	0.0000
2016-12-01 07:15:00	0.0000	59.9168	0.0000	7.3645	0.0000	12.5427	0.0000
2016-12-01 07:30:00	0.0000	59.9168	0.0000	7.7939	0.0000	12.5427	0.0000
2016-12-01 07:45:00	0.0000	59.9168	0.0000	6.4704	0.0000	12.5427	0.0000
2016-12-01 08:00:00	0.0000	59.9168	0.0000	6.6026	0.0000	12.5427	0.0000
2016-12-01 08:15:00	0.0000	59.9168	0.0000	7.5491	0.0000	12.5427	0.0000
2016-12-01 08:30:00	0.0000	59.9168	0.0000	7.0120	0.0000	12.5427	0.0000
2016-12-01 08:45:00	0.0000	59.9168	0.0000	6.9069	0.0000	12.5427	0.0000
2016-12-01 09:00:00	0.0000	59.9168	0.0000	7.9439	0.0000	12.5427	0.0000
2016-12-01 09:15:00	0.0000	59.9168	0.0000	8.1430	0.0000	12.5427	0.0000
2016-12-01 09:30:00	0.0000	59.9168	0.0000	7.7773	0.0000	12.5427	0.0000
2016-12-01 09:45:00	0.0000	59.9168	0.0000	6.8159	0.0000	12.5427	0.0000
2016-12-01 10:00:00	0.0000 0.0000	59.9168 59.9168	0.0000 0.0000	5.6465 4.8528	0.0000 0.0000	12.5427 12.5427	0.0000
2016-12-01 10:15:00 2016-12-01 10:30:00	0.0000	59.9168	0.0000	4.8528 4.1187	0.0000	12.5427	0.0000
2016-12-01 10:35:00	0.0000	59.9168	0.0000	3.7081	0.0000	12.5427	0.0000
2016-12-01 11:00:00	0.0000	59.9168	0.0000	3.5544	0.0000	12.5427	0.0000
2016-12-01 11:15:00	0.0000	59.9168	0.0000	3.1549	0.0000	12.5427	0.0000
2016-12-01 11:30:00	0.0000	59.9168	0.0000	2.4811	0.0000	12.5427	0.0000
2016-12-01 11:45:00	0.0000	59.9168	0.0000	3.0832	0.0000	12.5427	0.0000
2016-12-01 12:00:00	0.0000	59.9168	0.0000	3.8963	0.0000	12.5427	0.0000
2016-12-01 12:15:00	0.0000	59.9168	0.0000	3.4594	0.0000	12.5427	0.0000
2016-12-01 12:30:00	0.0000	59.9168	0.0000	1.3369	0.0000	12.5427	0.0000
2016-12-01 12:45:00	0.0000	59.9168	0.0000	2.7752	0.0000	12.5427	0.0000
2016-12-01 13:00:00	0.0369	59.9168	0.0022	2.3064	0.0001	12.5427	0.0009
2016-12-01 13:15:00	0.0000	59.9168	0.0000	1.5732	0.0000	12.5427	0.0000
2016-12-01 13:30:00	0.1345	59.9168	0.0081	1.9081	0.0003	12.5427	0.0033
2016-12-01 13:45:00	0.2138	59.9168	0.0128	1.6098	0.0003	12.5427	0.0052
2016-12-01 14:00:00	0.0431	59.9168	0.0026	2.0736	0.0001	12.5427	0.0010
2016-12-01 14:15:00	0.3020	59.9168	0.0181	1.5706	0.0005	12.5427	0.0073
2016-12-01 14:30:00	0.4151	59.9168	0.0249	1.4675	0.0006	12.5427	0.0101
2016-12-01 14:45:00	0.4937	59.9168	0.0296	1.9082	0.0009	12.5427	0.0120
2016-12-01 15:00:00	0.2095	59.9168	0.0126	0.1876	0.0000	12.5427	0.0051
2016-12-01 15:15:00	0.1728	59.9168	0.0104	0.0000	0.0000	12.5427	0.0042
2016-12-01 15:30:00	0.0549	59.9168	0.0033	1.9166	0.0001	12.5427	0.0013
2016-12-01 15:45:00	0.1077	59.9168	0.0065	6.3661	0.0007	12.5427	0.0026
2016-12-01 16:00:00	0.0587	59.9168	0.0035	0.0616	0.0000	12.5427	0.0014
2016-12-01 16:15:00	0.0431	59.9168	0.0026	1.0687	0.0000	12.5427	0.0010
2016-12-01 16:30:00	0.0823	59.9168 59.9168	0.0049	10.3656	0.0009	12.5427	0.0020
2016-12-01 16:45:00	0.0181	59.9168 59.9168	0.0011	8.0640 7.5050	0.0001	12.5427	0.0004
2016-12-01 17:00:00	0.1982	59.9168 59.9168	0.0119 0.0046	7.5050 8.7630	0.0015 0.0007	12.5427	0.0048 0.0019
2016-12-01 17:15:00 2016-12-01 17:30:00	0.0772 0.0625	59.9168 59.9168	0.0046	8.7630 5.4574	0.0007	12.5427 12.5427	0.0019
2016-12-01 17:30:00	0.0625	59.9168	0.0106	2.0671	0.0003	12.5427	0.0013
2016-12-01 17:43:00	0.1777	59.9168	0.0108	2.1722	0.0004	12.5427	0.0043
2016-12-01 18:05:00	0.0966	59.9168	0.0083	0.8567	0.0003	12.5427	0.0034
2016-12-01 18:30:00	0.0000	59.9168	0.0000	1.0882	0.0001	12.5427	0.0024
2016-12-01 18:45:00	0.0553	59.9168	0.0033	1.0641	0.0001	12.5427	0.0000
2016-12-01 19:00:00	0.0000	59.9168	0.0000	0.6465	0.0001	12.5427	0.0000
2016-12-01 19:05:00	0.0218	59.9168	0.0013	0.9393	0.0000	12.5427	0.0005
2016-12-01 19:30:00	0.0364	59.9168	0.0013	0.7837	0.0000	12.5427	0.0009
	0.0000	59.9168	0.0000	0.6257	0.0000	12.5427	0.0000
2016-12-01 19:45:00			0.0000	0.7233	0.0000	12.5427	0.0000
	0.0000 0.0000 0.0000	59.9168 59.9168	0.0000 0.0000	0.7233 0.0371	0.0000 0.0000	12.5427 12.5427	0.0000 0.0000
2016-12-01 19:45:00 2016-12-01 20:00:00	0.0000	59.9168					

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-01 21:00:00	0.0582	59.9168	0.0035	0.4495	0.0000	12.5427	0.0014
2016-12-01 21:15:00	0.0204	59.9168	0.0012	0.8992	0.0000	12.5427	0.0005
2016-12-01 21:30:00 2016-12-01 21:45:00	0.0383	59.9168	0.0023	0.8997	0.0000	12.5427	0.0009
2016-12-01 21:45:00 2016-12-01 22:00:00	0.0193 0.0000	59.9168 59.9168	0.0012 0.0000	1.2492 1.2757	0.0000 0.0000	12.5427 12.5427	0.0005 0.0000
2016-12-01 22:00:00	0.0000	59.9168	0.0000	0.5082	0.0000	12.5427	0.0004
2016-12-01 22:30:00	0.0000	59.9168	0.0001	0.4254	0.0000	12.5427	0.0004
2016-12-01 22:45:00	0.0000	59.9168	0.0000	0.6084	0.0000	12.5427	0.0000
2016-12-01 23:00:00	0.0000	59.9168	0.0000	0.1271	0.0000	12.5427	0.0000
2016-12-01 23:15:00	0.0388	59.9168	0.0023	1.0777	0.0000	12.5427	0.0009
2016-12-01 23:30:00	0.0000	59.9168	0.0000	11.1736	0.0000	12.5427	0.0000
2016-12-01 23:45:00	0.0402	59.9168	0.0024	11.2500	0.0005	12.5427	0.0010
2016-12-02 00:00:00	0.1015	59.9168	0.0061	11.2500	0.0011	12.5427	0.0025
2016-12-02 00:15:00	0.0201	59.9168	0.0012	9.8331	0.0002	12.5427	0.0005
2016-12-02 00:30:00	0.0193	59.9168	0.0012	4.8965	0.0001	12.5427	0.0005
2016-12-02 00:45:00	0.1173	59.9168	0.0070	1.3474	0.0002	12.5427	0.0029
2016-12-02 01:00:00	0.0185	59.9168	0.0011	1.1722	0.0000	12.5427	0.0005
2016-12-02 01:15:00	0.0797	59.9168	0.0048	0.6285	0.0001	12.5427	0.0019
2016-12-02 01:30:00	0.0406	59.9168	0.0024	0.3806	0.0000	12.5427	0.0010
2016-12-02 01:45:00	0.0577	59.9168	0.0035	0.2786	0.0000	12.5427	0.0014
2016-12-02 02:00:00	0.0386	59.9168	0.0023	0.0687	0.0000	12.5427	0.0009
2016-12-02 02:15:00	0.0000	59.9168	0.0000	0.1753	0.0000	12.5427	0.0000
2016-12-02 02:30:00	0.0179	59.9168	0.0011	0.0595	0.0000	12.5427	0.0004
2016-12-02 02:45:00	0.0185	59.9168	0.0011	0.2092	0.0000	12.5427	0.0005
2016-12-02 03:00:00	0.0790	59.9168	0.0047	0.1476	0.0000	12.5427	0.0019
2016-12-02 03:15:00	0.0000	59.9168	0.0000	0.0278	0.0000	12.5427	0.0000
2016-12-02 03:30:00	0.0000	59.9168	0.0000	0.0000	0.0000	12.5427	0.0000
2016-12-02 03:45:00	0.1171	59.9168	0.0070	0.0312	0.0000	12.5427	0.0028
2016-12-02 04:00:00	0.0368	59.9168	0.0022	0.1476	0.0000	12.5427	0.0009
2016-12-02 04:15:00	0.0000	59.9168	0.0000	0.0838	0.0000	12.5427	0.0000
2016-12-02 04:30:00	0.0183	59.9168	0.0011	0.1177	0.0000	12.5427	0.0004
2016-12-02 04:45:00	0.0182	59.9168	0.0011	0.0794	0.0000	12.5427	0.0004
2016-12-02 05:00:00	0.0000	59.9168	0.0000	0.0970	0.0000	12.5427	0.0000
2016-12-02 05:15:00	0.0000	59.9168	0.0000	0.0836	0.0000	12.5427	0.0000
2016-12-02 05:30:00	0.0112	59.9168	0.0007	0.0970	0.0000	12.5427	0.0003
2016-12-02 05:45:00	0.0075	59.9168	0.0004	0.1081	0.0000	12.5427	0.0002
2016-12-02 06:00:00	0.0417	59.9168	0.0025	0.0451	0.0000	12.5427	0.0010
2016-12-02 06:15:00	0.0000	59.9168	0.0000	0.0402	0.0000 0.0000	12.5427	0.0000
2016-12-02 06:30:00 2016-12-02 06:45:00	0.0187 0.0000	59.9168 59.9168	0.0011 0.0000	0.0649 0.0000	0.0000	12.5427 12.5427	0.0005 0.0000
2016-12-02 06:45:00	0.0209	59.9168	0.0000	0.0000	0.0000	12.5427	0.0005
2016-12-02 07:05:00	0.0000	59.9168	0.0000	0.0264	0.0000	12.5427	0.0003
2016-12-02 07:30:00	0.0000	59.9168	0.0000	0.0000	0.0000	12.5427	0.0000
2016-12-02 07:45:00	0.0000	59.9168	0.0000	0.0000	0.0000	12.5427	0.0000
2016-12-02 08:00:00	0.0000	59.9168	0.0000	0.0007	0.0000	12.5427	0.0000
2016-12-02 08:05:00	0.0000	59.9168	0.0000	0.1297	0.0000	12.5427	0.0000
2016-12-02 08:30:00	0.0000	59.9168	0.0000	0.1939	0.0000	12.5427	0.0000
2016-12-02 08:45:00	0.0000	59.9168	0.0000	0.2213	0.0000	12.5427	0.0000
2016-12-02 09:00:00	0.0000	59.9168	0.0000	0.1279	0.0000	12.5427	0.0000
2016-12-02 09:15:00	0.0000	59.9168	0.0000	0.0714	0.0000	12.5427	0.0000
2016-12-02 09:30:00	0.0000	59.9168	0.0000	0.0775	0.0000	12.5427	0.0000
2016-12-02 09:45:00	0.0000	59.9168	0.0000	0.1014	0.0000	12.5427	0.0000
2016-12-02 10:00:00	0.0000	59.9168	0.0000	0.1064	0.0000	12.5427	0.0000
2016-12-02 10:15:00	0.0000	59.9168	0.0000	0.0927	0.0000	12.5427	0.0000
2016-12-02 10:30:00	0.0000	59.9168	0.0000	0.0927	0.0000	12.5427	0.0000
2016-12-02 10:45:00	0.1156	59.9168	0.0069	0.0927	0.0000	12.5427	0.0028
2016-12-02 11:00:00	0.0963	59.9168	0.0058	0.0690	0.0000	12.5427	0.0023
2016-12-02 11:15:00	0.2169	59.9168	0.0130	0.0591	0.0000	12.5427	0.0053
2016-12-02 11:30:00	0.4765	59.9168	0.0286	0.1447	0.0001	12.5427	0.0116
2016-12-02 11:45:00	0.6694	59.9168	0.0401	0.1431	0.0001	12.5427	0.0163
2016-12-02 12:00:00	0.5389	59.9168	0.0323	0.0458	0.0000	12.5427	0.0131
2016-12-02 12:15:00	0.0391	59.9168	0.0023	0.0513	0.0000	12.5427	0.0010
2016-12-02 12:30:00	0.0000	59.9168	0.0000	0.0446	0.0000	12.5427	0.0000
2016-12-02 12:45:00	0.2200	59.9168	0.0132	0.0744	0.0000	12.5427	0.0054
2016-12-02 13:00:00	0.3174	59.9168	0.0190	0.0958	0.0000	12.5427	0.0077
2016-12-02 13:15:00	0.4492	59.9168	0.0269	0.1089	0.0000	12.5427	0.0109
2016-12-02 13:30:00	0.0182	59.9168	0.0011	0.0996	0.0000	12.5427	0.0004
		FO 04 CO	0.0024	0.0996	0.0000	12.5427	0.0010
2016-12-02 13:45:00	0.0394	59.9168					
2016-12-02 13:45:00 2016-12-02 14:00:00	0.2227	59.9168	0.0133	0.0996	0.0000	12.5427	0.0054
		59.9168 59.9168	0.0224	0.0996 0.1140	0.0000 0.0000	12.5427 12.5427	0.0091
2016-12-02 14:00:00	0.2227	59.9168					
2016-12-02 14:00:00 2016-12-02 14:15:00 2016-12-02 14:30:00 2016-12-02 14:45:00	0.2227 0.3740 0.9093 1.8681	59.9168 59.9168 59.9168 59.9168	0.0224 0.0545 0.1119	0.1140 0.1119 0.1119	0.0000 0.0001 0.0002	12.5427 12.5427 12.5427	0.0091 0.0221 0.0455
2016-12-02 14:00:00 2016-12-02 14:15:00 2016-12-02 14:30:00 2016-12-02 14:45:00 2016-12-02 15:00:00	0.2227 0.3740 0.9093 1.8681 1.8039	59.9168 59.9168 59.9168 59.9168 59.9168	0.0224 0.0545 0.1119 0.1081	0.1140 0.1119 0.1119 0.1119	0.0000 0.0001 0.0002 0.0002	12.5427 12.5427 12.5427 12.5427	0.0091 0.0221 0.0455 0.0439
2016-12-02 14:00:00 2016-12-02 14:15:00 2016-12-02 14:30:00 2016-12-02 14:45:00	0.2227 0.3740 0.9093 1.8681	59.9168 59.9168 59.9168 59.9168	0.0224 0.0545 0.1119	0.1140 0.1119 0.1119	0.0000 0.0001 0.0002	12.5427 12.5427 12.5427	0.0091 0.0221 0.0455

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-02 15:45:00	2.3192	59.9168	0.1390	0.1119	0.0003	12.5427	0.0564
2016-12-02 16:00:00	1.3607	59.9168	0.0815	0.1119	0.0002	12.5427	0.0331
2016-12-02 16:15:00 2016-12-02 16:30:00	1.3101	59.9168	0.0785	0.1119	0.0001	12.5427	0.0319
2016-12-02 16:30:00	0.6890 1.6341	59.9168 59.9168	0.0413 0.0979	0.1119 0.1119	0.0001 0.0002	12.5427 12.5427	0.0168 0.0398
2016-12-02 16:45:00	0.4234	59.9168	0.0979	0.1119	0.0002	12.5427	0.0398
2016-12-02 17:05:00	0.4866	59.9168	0.0292	0.1119	0.0001	12.5427	0.0103
2016-12-02 17:30:00	0.4027	59.9168	0.0232	0.1119	0.0001	12.5427	0.0018
2016-12-02 17:45:00	0.0611	59.9168	0.0037	0.1119	0.0000	12.5427	0.0015
2016-12-02 18:00:00	0.0342	59.9168	0.0020	0.1119	0.0000	12.5427	0.0008
2016-12-02 18:15:00	0.0183	59.9168	0.0011	0.0460	0.0000	12.5427	0.0004
2016-12-02 18:30:00	0.0199	59.9168	0.0012	0.0000	0.0000	12.5427	0.0005
2016-12-02 18:45:00	0.0183	59.9168	0.0011	0.0330	0.0000	12.5427	0.0004
2016-12-02 19:00:00	0.0938	59.9168	0.0056	0.1755	0.0000	12.5427	0.0023
2016-12-02 19:15:00	0.0592	59.9168	0.0035	0.1571	0.0000	12.5427	0.0014
2016-12-02 19:30:00	0.0366	59.9168	0.0022	0.0968	0.0000	12.5427	0.0009
2016-12-02 19:45:00	0.0589	59.9168	0.0035	0.0716	0.0000	12.5427	0.0014
2016-12-02 20:00:00	0.2741	62.6708	0.0172	0.0326	0.0000	12.5427	0.0067
2016-12-02 20:15:00	0.5119	90.1306	0.0461	0.0463	0.0000	12.5427	0.0125
2016-12-02 20:30:00	5.1287	43.8989	0.2251	0.1159	0.0006	12.5427	0.1248
2016-12-02 20:45:00	15.6769	40.0781	0.6283	0.3912	0.0061	12.5427	0.3815
2016-12-02 21:00:00	19.4221	40.0781	0.7784	1.6333	0.0317	12.5427	0.4726
2016-12-02 21:15:00	5.5785	27.8089	0.1551	0.5808	0.0032	12.5427	0.1357
2016-12-02 21:30:00	0.0000	7.2141	0.0000	0.0680	0.0000	12.5427	0.0000
2016-12-02 21:45:00	0.0000	7.2141	0.0000	0.0680	0.0000	12.5427	0.0000
2016-12-02 22:00:00	0.0000	7.2141	0.0000	1.3231	0.0000	12.5427	0.0000
2016-12-02 22:15:00	0.0000	7.2141	0.0000	0.0637	0.0000	12.5427	0.0000
2016-12-02 22:30:00	0.0000	7.2141	0.0000	0.0529	0.0000	12.5427	0.0000
2016-12-02 22:45:00	0.0000	7.2141	0.0000	0.0668	0.0000	12.5427	0.0000
2016-12-02 23:00:00	0.0575	7.2141	0.0004	0.0969	0.0000	12.5427	0.0014
2016-12-02 23:15:00	0.2045	7.2141	0.0015	0.2566	0.0001	12.5427	0.0050
2016-12-02 23:30:00	0.2109	7.2141	0.0015	1.0849	0.0002	12.5427	0.0051
2016-12-02 23:45:00	0.3432	7.2141	0.0025	0.3499	0.0001	12.5427	0.0084
2016-12-03 00:00:00	0.2501	7.2141	0.0018	0.0389	0.0000	12.5427	0.0061
2016-12-03 00:15:00	2.6921	7.2141	0.0194	0.1752	0.0005	12.5427	0.0655
2016-12-03 00:30:00	4.4420	7.2141	0.0320	0.1373	0.0006	12.5427	0.1081
2016-12-03 00:45:00 2016-12-03 01:00:00	4.4778	7.2141 7.2141	0.0323 0.0323	0.0000 0.0734	0.0000 0.0003	12.5427 12.5427	0.1090 0.1090
2016-12-03 01:00:00	4.4778 4.4778	7.2141	0.0323	0.0734	0.0005	12.5427	0.1090
2016-12-03 01:30:00	4.4778	7.2141	0.0323	0.1175	0.0006	12.5427	0.1090
2016-12-03 01:45:00	4.4778	7.2141	0.0323	0.0919	0.0004	12.5427	0.1090
2016-12-03 01:43:00	4.4778	7.2141	0.0323	0.0729	0.0004	12.5427	0.1090
2016-12-03 02:00:00	4.4778	7.2141	0.0323	0.1282	0.0003	12.5427	0.1090
2016-12-03 02:30:00	4.4778	7.2141	0.0323	0.1252	0.0006	12.5427	0.1090
2016-12-03 02:35:00	4.4778	7.2141	0.0323	0.1357	0.0006	12.5427	0.1090
2016-12-03 03:00:00	4.4778	7.2141	0.0323	0.1249	0.0006	12.5427	0.1090
2016-12-03 03:15:00	4.4778	7.2141	0.0323	0.1168	0.0005	12.5427	0.1090
2016-12-03 03:30:00	4.4778	7.2141	0.0323	0.0371	0.0002	12.5427	0.1090
2016-12-03 03:45:00	4.4778	7.2141	0.0323	0.1013	0.0005	12.5427	0.1090
2016-12-03 04:00:00	4.4778	7.2141	0.0323	0.1014	0.0005	12.5427	0.1090
2016-12-03 04:15:00	4.4778	7.2141	0.0323	0.0879	0.0004	12.5427	0.1090
2016-12-03 04:30:00	4.4778	7.2141	0.0323	0.1774	0.0008	12.5427	0.1090
2016-12-03 04:45:00	4.4778	7.2141	0.0323	0.1278	0.0006	12.5427	0.1090
2016-12-03 05:00:00	4.4778	7.2141	0.0323	0.0218	0.0001	12.5427	0.1090
2016-12-03 05:15:00	4.4778	7.2141	0.0323	0.0882	0.0004	12.5427	0.1090
2016-12-03 05:30:00	4.4778	7.2141	0.0323	0.0070	0.0000	12.5427	0.1090
2016-12-03 05:45:00	4.4778	7.2141	0.0323	0.0069	0.0000	12.5427	0.1090
2016-12-03 06:00:00	4.4778	7.2141	0.0323	0.0674	0.0003	12.5427	0.1090
2016-12-03 06:15:00	4.4778	7.2141	0.0323	0.0720	0.0003	12.5427	0.1090
2016-12-03 06:30:00	4.4778	7.2141	0.0323	0.2120	0.0009	12.5427	0.1090
2016-12-03 06:45:00	4.4778	7.2141	0.0323	0.1037	0.0005	12.5427	0.1090
2016-12-03 07:00:00	4.4778	7.2141	0.0323	0.0302	0.0001	12.5427	0.1090
2016-12-03 07:15:00	4.4778	7.2141	0.0323	0.0104	0.0000	12.5427	0.1090
2016-12-03 07:30:00	3.9429	7.2141	0.0284	0.0000	0.0000	12.5427	0.0959
2016-12-03 07:45:00	3.7009	7.2141	0.0267	0.6068	0.0022	12.5427	0.0901
2016-12-03 08:00:00	3.6942	7.2141	0.0267	0.3958	0.0015	12.5427	0.0899
2016-12-03 08:15:00	3.5973	7.2141	0.0260	0.0976	0.0004	12.5427	0.0875
2016-12-03 08:30:00	3.7439	7.2141	0.0270	0.0092	0.0000	12.5427	0.0911
2016-12-03 08:45:00	0.6247	7.2141	0.0045	0.1842	0.0001	12.5427	0.0152
2016-12-03 09:00:00	0.0000	7.2141	0.0000	0.1332	0.0000	12.5427	0.0000
2016-12-03 09:15:00	0.0000	7.2141	0.0000	0.0687	0.0000	12.5427	0.0000
2016-12-03 09:30:00	0.0000	7.2141	0.0000	0.1532	0.0000	12.5427	0.0000
2016-12-03 09:45:00	0.0000	7.2141	0.0000	0.0704	0.0000	12.5427	0.0000
2016-12-03 10:00:00	0.0000	7.2141	0.0000	0.0353	0.0000	12.5427	0.0000
2016-12-03 10:15:00	0.0000	7.2141	0.0000	0.0949	0.0000	12.5427	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-03 10:30:00	0.2331	7.2141	0.0017	0.0646	0.0000	12.5427	0.0057
2016-12-03 10:45:00	1.1849	7.2141	0.0085	0.0475	0.0001	12.5427	0.0288
2016-12-03 11:00:00	1.0258	7.2141	0.0074	0.0790	0.0001	12.5427	0.0250
2016-12-03 11:15:00	1.2410	7.2141	0.0090	0.1493	0.0002	12.5427	0.0302
2016-12-03 11:30:00 2016-12-03 11:45:00	1.2653 1.2901	7.2141 7.2141	0.0091 0.0093	0.0920 0.0659	0.0001 0.0001	12.5427 12.5427	0.0308 0.0314
2016-12-03 11:45.00	1.1274	7.2141	0.0093	0.0886	0.0001	12.5427	0.0314
2016-12-03 12:00:00	0.4613	7.2141	0.0081	0.0000	0.0001	12.5427	0.0274
2016-12-03 12:30:00	0.3829	7.2141	0.0033	0.0257	0.0000	12.5427	0.0093
2016-12-03 12:45:00	0.3199	7.2141	0.0023	0.1593	0.0001	12.5427	0.0033
2016-12-03 13:00:00	0.4677	7.2141	0.0023	0.0956	0.0000	12.5427	0.0114
2016-12-03 13:15:00	0.2209	7.2141	0.0016	0.0833	0.0000	12.5427	0.0054
2016-12-03 13:30:00	0.2761	7.2141	0.0020	0.0730	0.0000	12.5427	0.0067
2016-12-03 13:45:00	0.6477	7.2141	0.0047	0.0755	0.0000	12.5427	0.0158
2016-12-03 14:00:00	0.4499	7.2141	0.0032	0.0676	0.0000	12.5427	0.0109
2016-12-03 14:15:00	0.4636	7.2141	0.0033	0.0797	0.0000	12.5427	0.0113
2016-12-03 14:30:00	0.6353	7.2141	0.0046	0.0797	0.0001	12.5427	0.0155
2016-12-03 14:45:00	1.1087	7.2141	0.0080	0.0797	0.0001	12.5427	0.0270
2016-12-03 15:00:00	1.2620	7.2141	0.0091	0.0797	0.0001	12.5427	0.0307
2016-12-03 15:15:00	1.0754	7.2141	0.0078	0.0797	0.0001	12.5427	0.0262
2016-12-03 15:30:00	0.6516	7.2141	0.0047	0.0797	0.0001	12.5427	0.0159
2016-12-03 15:45:00	0.2247	7.2141	0.0016	0.0797	0.0000	12.5427	0.0055
2016-12-03 16:00:00	1.2200	7.2141	0.0088	0.0797	0.0001	12.5427	0.0297
2016-12-03 16:15:00	1.7678	7.2141	0.0128	0.0797	0.0001	12.5427	0.0430
2016-12-03 16:30:00	0.6127	7.2141	0.0044	0.0797	0.0000	12.5427	0.0149
2016-12-03 16:45:00	0.3542	7.2141	0.0026	0.0797	0.0000	12.5427	0.0086
2016-12-03 17:00:00	0.4549	7.2141	0.0033	0.0797	0.0000	12.5427	0.0111
2016-12-03 17:15:00	0.9913	7.2141	0.0072	0.0797	0.0001	12.5427	0.0241
2016-12-03 17:30:00	0.7881	7.2141	0.0057	1.0573	0.0008	12.5427	0.0192
2016-12-03 17:45:00	0.5181	7.2141	0.0037	2.8949	0.0015	12.5427	0.0126
2016-12-03 18:00:00	0.8245	7.2141	0.0059	1.0903	0.0009	12.5427	0.0201
2016-12-03 18:15:00	0.2697	7.2141	0.0019	0.0742	0.0000	12.5427	0.0066
2016-12-03 18:30:00	0.2997	7.2141	0.0022	0.0676	0.0000	12.5427	0.0073
2016-12-03 18:45:00	0.2000	7.2141	0.0014	0.1812	0.0000	12.5427	0.0049
2016-12-03 19:00:00	0.2532	7.2141	0.0018	0.0905	0.0000	12.5427	0.0062
2016-12-03 19:15:00	0.2860	7.2141	0.0021	0.1298	0.0000	12.5427	0.0070
2016-12-03 19:30:00	0.4346	7.2141	0.0031	0.2335	0.0001	12.5427	0.0106
2016-12-03 19:45:00	0.2580	7.2141	0.0019	0.1648	0.0000	12.5427	0.0063
2016-12-03 20:00:00	0.2736	7.2141	0.0020	0.0913	0.0000	12.5427	0.0067
2016-12-03 20:15:00	0.1827	7.2141	0.0013	0.1945	0.0000	12.5427	0.0044
2016-12-03 20:30:00 2016-12-03 20:45:00	0.7688	7.2141	0.0055 0.0091	0.2208 0.1942	0.0002 0.0002	12.5427	0.0187 0.0306
2016-12-03 20:45:00	1.2559	7.2141 7.2141	0.0091	0.1942	0.0002	12.5427 12.5427	0.0306
2016-12-03 21:00:00	1.3449		0.0097	0.2121	0.0003	12.5427	0.0327
2016-12-03 21:15:00	0.3718 0.3159	7.2141 7.2141	0.0027	0.1060	0.0000	12.5427	0.0090
2016-12-03 21:45:00	0.2835	7.2141	0.0023	0.1060	0.0000	12.5427	0.0077
2016-12-03 21:43:00	0.2199	7.2141	0.0020	0.0831	0.0000	12.5427	0.0054
2016-12-03 22:05:00	0.3440	7.2141	0.0015	0.0721	0.0000	12.5427	0.0034
2016-12-03 22:15:00	0.2665	7.2141	0.0025	0.0721	0.0000	12.5427	0.0065
2016-12-03 22:45:00	0.5844	7.2141	0.0013	0.0762	0.0000	12.5427	0.0142
2016-12-03 23:00:00	0.7096	7.2141	0.0042	0.0523	0.0000	12.5427	0.0142
2016-12-03 23:05:00	0.5992	7.2141	0.0031	0.0293	0.0000	12.5427	0.0175
2016-12-03 23:30:00	1.5067	7.2141	0.0109	0.1206	0.0002	12.5427	0.0367
2016-12-03 23:45:00	0.4351	7.2141	0.0031	0.0495	0.0000	12.5427	0.0106
2016-12-04 00:00:00	1.3244	7.2141	0.0096	0.1106	0.0001	12.5427	0.0322
2016-12-04 00:15:00	1.4134	7.2141	0.0102	0.1046	0.0001	12.5427	0.0344
2016-12-04 00:30:00	1.5023	7.2141	0.0108	0.0825	0.0001	12.5427	0.0366
2016-12-04 00:45:00	0.8051	7.2141	0.0058	0.0621	0.0000	12.5427	0.0196
2016-12-04 01:00:00	0.9995	7.2141	0.0072	0.0949	0.0001	12.5427	0.0243
2016-12-04 01:15:00	1.1690	7.2141	0.0084	0.0729	0.0001	12.5427	0.0284
2016-12-04 01:30:00	0.5920	7.2141	0.0043	0.0988	0.0001	12.5427	0.0144
2016-12-04 01:45:00	0.4463	7.2141	0.0032	0.0456	0.0000	12.5427	0.0109
2016-12-04 02:00:00	0.5149	7.2141	0.0037	0.1378	0.0001	12.5427	0.0125
2016-12-04 02:15:00	1.0770	7.2141	0.0078	0.1758	0.0002	12.5427	0.0262
2016-12-04 02:30:00	1.1978	7.2141	0.0086	0.1422	0.0002	12.5427	0.0291
2016-12-04 02:45:00	1.1611	7.2141	0.0084	0.1817	0.0002	12.5427	0.0283
2010 12 04 02.45.00		7 24 44	0.0091	0.0933	0.0001	12.5427	0.0309
2016-12-04 03:00:00	1.2679	7.2141			0.0003	12.5427	0.0402
		7.2141	0.0119	0.1687	0.0003	12.3427	0.0402
2016-12-04 03:00:00	1.2679		0.0119 0.0136	0.1687 0.2111	0.0003	12.5427	0.0458
2016-12-04 03:00:00 2016-12-04 03:15:00	1.2679 1.6523	7.2141 7.2141 7.2141					
2016-12-04 03:00:00 2016-12-04 03:15:00 2016-12-04 03:30:00	1.2679 1.6523 1.8817	7.2141 7.2141	0.0136	0.2111	0.0004	12.5427	0.0458 0.0458 0.0529
2016-12-04 03:00:00 2016-12-04 03:15:00 2016-12-04 03:30:00 2016-12-04 03:45:00 2016-12-04 04:00:00 2016-12-04 04:15:00	1.2679 1.6523 1.8817 1.8810 2.1724 1.2188	7.2141 7.2141 7.2141 7.2141 7.2141	0.0136 0.0136 0.0157 0.0088	0.2111 0.1895 0.1922 0.1670	0.0004 0.0004 0.0004 0.0002	12.5427 12.5427 12.5427 12.5427	0.0458 0.0458 0.0529 0.0297
2016-12-04 03:00:00 2016-12-04 03:15:00 2016-12-04 03:30:00 2016-12-04 03:45:00 2016-12-04 04:00:00 2016-12-04 04:15:00 2016-12-04 04:30:00	1.2679 1.6523 1.8817 1.8810 2.1724 1.2188 0.1747	7.2141 7.2141 7.2141 7.2141 7.2141 7.2141	0.0136 0.0136 0.0157 0.0088 0.0013	0.2111 0.1895 0.1922 0.1670 0.0335	0.0004 0.0004 0.0004 0.0002 0.0000	12.5427 12.5427 12.5427 12.5427 12.5427	0.0458 0.0458 0.0529 0.0297 0.0043
2016-12-04 03:00:00 2016-12-04 03:15:00 2016-12-04 03:30:00 2016-12-04 03:45:00 2016-12-04 04:00:00 2016-12-04 04:15:00	1.2679 1.6523 1.8817 1.8810 2.1724 1.2188	7.2141 7.2141 7.2141 7.2141 7.2141	0.0136 0.0136 0.0157 0.0088	0.2111 0.1895 0.1922 0.1670	0.0004 0.0004 0.0004 0.0002	12.5427 12.5427 12.5427 12.5427	0.0458 0.0458 0.0529 0.0297

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-04 05:15:00	2.1678	7.2141	0.0156	0.2203	0.0005	12.5427	0.0527
2016-12-04 05:30:00	1.6934	7.2141	0.0122	0.1895	0.0003	12.5427	0.0412
2016-12-04 05:45:00	2.2999	7.2141	0.0166	0.1895	0.0004	12.5427	0.0560
2016-12-04 06:00:00	2.0850	7.2141	0.0150	0.1895	0.0004	12.5427	0.0507
2016-12-04 06:15:00	1.7840	7.2141	0.0129	0.1867	0.0003	12.5427	0.0434
2016-12-04 06:30:00	0.5336	7.2141	0.0038	0.1123	0.0001	12.5427	0.0130
2016-12-04 06:45:00	0.1212	7.2141	0.0009	0.0865 0.0686	0.0000	12.5427	0.0029
2016-12-04 07:00:00 2016-12-04 07:15:00	0.1465 0.6830	7.2141 7.2141	0.0011 0.0049	0.0686	0.0000 0.0001	12.5427	0.0036 0.0166
2016-12-04 07:15:00				0.0771	0.0001	12.5427	0.0166
2016-12-04 07:30:00	0.1171 0.1324	7.2141 7.2141	0.0008 0.0010	0.0933	0.0000	12.5427 12.5427	0.0028
2016-12-04 07:45:00	0.1324	7.2141 7.2141	0.0010	0.0046	0.0000	12.5427	0.0032
2016-12-04 08:00:00	0.0382	7.2141	0.0003	0.0373	0.0000	12.5427	0.0009
2016-12-04 08:13:00	0.0192	7.2141	0.0003	0.0876	0.0000	12.5427	0.0010
2016-12-04 08:45:00	0.0192	7.2141	0.0001	0.0797	0.0000	12.5427	0.0005
2016-12-04 09:00:00	0.0000	7.2141	0.0001	0.1603	0.0000	12.5427	0.0003
2016-12-04 09:00:00	0.0388	7.2141	0.0003	0.1766	0.0000	12.5427	0.0000
2016-12-04 09:13:00	0.0189	7.2141	0.0003	0.1700	0.0000	12.5427	0.0005
2016-12-04 09:45:00	0.0744	7.2141	0.0001	0.0914	0.0000	12.5427	0.0003
2016-12-04 09:43:00	0.0000	7.2141	0.0003	0.0728	0.0000	12.5427	0.0018
2016-12-04 10:00:00	0.1890	7.2141	0.0000	0.0728	0.0000	12.5427	0.0000
2016-12-04 10:13:00	0.4096	7.2141	0.0014	0.1130	0.0000	12.5427	0.0100
2016-12-04 10:30:00	0.4340	7.2141	0.0030	0.0989	0.0000	12.5427	0.0100
2016-12-04 10:43:00	0.3421	7.2141	0.0031	0.1335	0.0000	12.5427	0.0100
2016-12-04 11:15:00	1.0130	7.2141	0.0023	0.1044	0.0001	12.5427	0.0247
2016-12-04 11:30:00	0.6037	7.2141	0.0044	0.1382	0.0001	12.5427	0.0147
2016-12-04 11:45:00	1.0232	7.2141	0.0074	0.0466	0.0000	12.5427	0.0249
2016-12-04 12:00:00	1.1420	7.2141	0.0082	0.0832	0.0001	12.5427	0.0278
2016-12-04 12:15:00	0.7741	7.2141	0.0056	0.0395	0.0000	12.5427	0.0188
2016-12-04 12:30:00	0.8504	7.2141	0.0061	0.1737	0.0001	12.5427	0.0207
2016-12-04 12:45:00	1.1091	7.2141	0.0080	0.1645	0.0002	12.5427	0.0270
2016-12-04 13:00:00	0.1389	7.2141	0.0010	0.1901	0.0000	12.5427	0.0034
2016-12-04 13:15:00	0.3786	7.2141	0.0027	0.1730	0.0001	12.5427	0.0092
2016-12-04 13:30:00	0.3470	7.2141	0.0025	0.1222	0.0000	12.5427	0.0084
2016-12-04 13:45:00	0.5440	7.2141	0.0039	0.0425	0.0000	12.5427	0.0132
2016-12-04 14:00:00	0.5808	7.2141	0.0042	0.0683	0.0000	12.5427	0.0141
2016-12-04 14:15:00	0.4146	7.2141	0.0030	0.0510	0.0000	12.5427	0.0101
2016-12-04 14:30:00	0.4786	7.2141	0.0035	0.0430	0.0000	12.5427	0.0116
2016-12-04 14:45:00	0.8017	7.2141	0.0058	0.0226	0.0000	12.5427	0.0195
2016-12-04 15:00:00	0.5655	7.2141	0.0041	0.0000	0.0000	12.5427	0.0138
2016-12-04 15:15:00	0.8674	7.2141	0.0063	0.0000	0.0000	12.5427	0.0211
2016-12-04 15:30:00	0.2470	7.2141	0.0018	0.0000	0.0000	12.5427	0.0060
2016-12-04 15:45:00	0.6674	7.2141	0.0048	0.0000	0.0000	12.5427	0.0162
2016-12-04 16:00:00	0.5568	7.2141	0.0040	0.0000	0.0000	12.5427	0.0135
2016-12-04 16:15:00	0.7121	7.2141	0.0051	0.0000	0.0000	12.5427	0.0173
2016-12-04 16:30:00	0.1688	7.2141	0.0012	0.0000	0.0000	12.5427	0.0041
2016-12-04 16:45:00	0.3756	7.2141	0.0027	0.0000	0.0000	12.5427	0.0091
2016-12-04 17:00:00	0.2609	7.2141	0.0019	0.0000	0.0000	12.5427	0.0063
2016-12-04 17:15:00	0.3859	7.2141	0.0028	0.0000	0.0000	12.5427	0.0094
2016-12-04 17:30:00	0.1238	7.2141	0.0009	0.0000	0.0000	12.5427	0.0030
2016-12-04 17:45:00	0.1291	7.2141	0.0009	0.0000	0.0000	12.5427	0.0031
2016-12-04 18:00:00	0.1118	7.2141	0.0008	0.0000	0.0000	12.5427	0.0027
2016-12-04 18:15:00	0.1544	7.2141	0.0011	0.0000	0.0000	12.5427	0.0038
2016-12-04 18:30:00	0.0414	7.2141	0.0003	0.0247	0.0000	12.5427	0.0010
2016-12-04 18:45:00	0.1007	7.2141	0.0007	0.0206	0.0000	12.5427	0.0025
2016-12-04 19:00:00	0.0794	7.2141	0.0006	0.0553	0.0000	12.5427	0.0019
2016-12-04 19:15:00	0.1923	7.2141	0.0014	0.0978	0.0000	12.5427	0.0047
2016-12-04 19:30:00	0.0857	7.2141	0.0006	0.0906	0.0000	12.5427	0.0021
2016-12-04 19:45:00	0.0473	7.2141	0.0003	0.1081	0.0000	12.5427	0.0012
2016-12-04 20:00:00	0.0000	7.2141	0.0000	0.0571	0.0000	12.5427	0.0000
2016-12-04 20:15:00	0.0752	7.2141	0.0005	0.0310	0.0000	12.5427	0.0018
2016-12-04 20:30:00	0.1249	7.2141	0.0009	0.0292	0.0000	12.5427	0.0030
2016-12-04 20:45:00	0.1016	7.2141	0.0007	0.0499	0.0000	12.5427	0.0025
2016-12-04 21:00:00	0.4009	7.2141	0.0029	0.0824	0.0000	12.5427	0.0098
2016-12-04 21:15:00	0.1647	7.2141	0.0012	0.0382	0.0000	12.5427	0.0040
2016-12-04 21:30:00	0.1626	7.2141	0.0012	0.0274	0.0000	12.5427	0.0040
2016-12-04 21:45:00	0.2302	7.2141	0.0017	0.0453	0.0000	12.5427	0.0056
2016-12-04 22:00:00	0.1405	7.2141	0.0010	0.0378	0.0000	12.5427	0.0034
2016-12-04 22:15:00	0.4651	7.2141	0.0034	0.0378	0.0000	12.5427	0.0113
2016-12-04 22:30:00	0.9394	7.2141	0.0068	0.0945	0.0001	12.5427	0.0229
2016-12-04 22:45:00	0.8950	7.2141	0.0065	0.0837	0.0001	12.5427	0.0218
2016-12-04 23:00:00	0.7550	7.2141	0.0054	0.0922	0.0001	12.5427	0.0184
2016-12-04 23:15:00	0.8950	7.2141	0.0065	0.1059	0.0001	12.5427	0.0218
2016-12-04 23:30:00	0.6829	7.2141	0.0049	0.0729	0.0000	12.5427	0.0166
2016-12-04 23:45:00	0.6583	7.2141	0.0047	0.0859	0.0001	12.5427	0.0160

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-05 00:00:00	1.0210	7.2141	0.0074	0.1222	0.0001	12.5427	0.0248
2016-12-05 00:15:00	2.0162	7.2141	0.0145	0.2020	0.0004	12.5427	0.0491
2016-12-05 00:30:00	1.5776	7.2141	0.0114	0.1263	0.0002	12.5427	0.0384
2016-12-05 00:45:00	2.5290	7.2141	0.0182	0.1428	0.0004	12.5427	0.0615
2016-12-05 01:00:00	2.0254	7.2141	0.0146	0.1169	0.0002	12.5427	0.0493
2016-12-05 01:15:00	2.8456	7.2141	0.0205	0.1284	0.0004	12.5427	0.0692
2016-12-05 01:30:00	3.2480	7.2141	0.0234	0.1284	0.0004	12.5427	0.0790
2016-12-05 01:45:00	2.9953	7.2141	0.0216	0.1284	0.0004	12.5427	0.0729
2016-12-05 02:00:00	2.8764	7.2141	0.0208	0.1562	0.0004	12.5427	0.0700
2016-12-05 02:15:00	2.7081	7.2141	0.0195	0.2410	0.0007	12.5427	0.0659
2016-12-05 02:30:00	2.3788	7.2141	0.0172	0.2410	0.0006	12.5427	0.0579
2016-12-05 02:45:00	3.2511	7.2141	0.0235	0.2410	0.0008	12.5427	0.0791
2016-12-05 03:00:00	3.6442	7.2141	0.0263	0.2410	0.0009	12.5427	0.0887
2016-12-05 03:15:00	3.7173	7.2141	0.0268	0.2410	0.0009	12.5427	0.0905
2016-12-05 03:30:00	3.0229	7.2141	0.0218	0.2410	0.0007	12.5427	0.0736
2016-12-05 03:45:00	1.8807	7.2141	0.0136	0.2410	0.0005	12.5427	0.0458
2016-12-05 04:00:00	2.7668	7.2141	0.0200	0.2410	0.0007	12.5427	0.0673
2016-12-05 04:15:00	3.4878	7.2141 7.2141	0.0252 0.0238	0.2410 0.2410	0.0008 0.0008	12.5427	0.0849 0.0804
2016-12-05 04:30:00 2016-12-05 04:45:00	3.3030					12.5427	
	4.1988 4.3881	7.2141 7.2141	0.0303 0.0317	0.2410 0.2410	0.0010 0.0011	12.5427 12.5427	0.1022 0.1068
2016-12-05 05:00:00 2016-12-05 05:15:00	4.3881 2.8708	7.2141 7.2141	0.0317	0.2410	0.0011	12.5427	0.1068
2016-12-05 05:15:00	2.6727	7.2141 7.2141	0.0207	0.2143	0.0006	12.5427	0.0699
2016-12-05 05:30:00	0.6692	7.2141 7.2141	0.0193	0.1277	0.0003	12.5427	0.0650
2016-12-05 06:00:00	0.3290	7.2141	0.0048	0.1277	0.0000	12.5427	0.0080
2016-12-05 06:00:00	0.5294	7.2141	0.0024	0.1277	0.0000	12.5427	0.0080
2016-12-05 06:30:00	3.2498	7.2141	0.0234	0.1277	0.0001	12.5427	0.0791
2016-12-05 06:45:00	4.6303	7.2141	0.0334	0.1277	0.0004	12.5427	0.1127
2016-12-05 07:00:00	4.5597	7.2141	0.0334	0.2751	0.0013	12.5427	0.1127
2016-12-05 07:15:00	3.6841	7.2141	0.0266	0.2570	0.0009	12.5427	0.0896
2016-12-05 07:30:00	0.5318	7.2141	0.0038	0.2210	0.0003	12.5427	0.0129
2016-12-05 07:45:00	1.2176	7.2141	0.0088	0.3344	0.0001	12.5427	0.0296
2016-12-05 08:00:00	0.6389	7.2141	0.0046	0.3141	0.0002	12.5427	0.0155
2016-12-05 08:15:00	0.2260	7.2141	0.0016	0.2734	0.0001	12.5427	0.0055
2016-12-05 08:30:00	0.1313	7.2141	0.0009	0.3646	0.0000	12.5427	0.0032
2016-12-05 08:45:00	0.0371	7.2141	0.0003	0.3389	0.0000	12.5427	0.0009
2016-12-05 09:00:00	0.0775	7.2141	0.0006	0.3458	0.0000	12.5427	0.0019
2016-12-05 09:15:00	0.0000	7.2141	0.0000	0.3335	0.0000	12.5427	0.0000
2016-12-05 09:30:00	0.0950	7.2141	0.0007	0.3245	0.0000	12.5427	0.0023
2016-12-05 09:45:00	0.0569	7.2141	0.0004	0.2822	0.0000	12.5427	0.0014
2016-12-05 10:00:00	0.2314	7.2141	0.0017	0.1866	0.0000	12.5427	0.0056
2016-12-05 10:15:00	0.5496	7.2141	0.0040	0.1436	0.0001	12.5427	0.0134
2016-12-05 10:30:00	0.6378	7.2141	0.0046	0.0761	0.0000	12.5427	0.0155
2016-12-05 10:45:00	1.0179	7.2141	0.0073	0.1868	0.0002	12.5427	0.0248
2016-12-05 11:00:00	1.0565	7.2141	0.0076	0.1758	0.0002	12.5427	0.0257
2016-12-05 11:15:00	0.9987	7.2141	0.0072	0.1314	0.0001	12.5427	0.0243
2016-12-05 11:30:00	1.4995	7.2141	0.0108	0.1495	0.0002	12.5427	0.0365
2016-12-05 11:45:00	1.7799	7.2141	0.0128	0.1762	0.0003	12.5427	0.0433
2016-12-05 12:00:00	1.7456	7.2141	0.0126	0.1044	0.0002	12.5427	0.0425
2016-12-05 12:15:00	0.9536	7.2141	0.0069	0.0233	0.0000	12.5427	0.0232
2016-12-05 12:30:00	0.7484	7.2141	0.0054	0.0403	0.0000	12.5427	0.0182
2016-12-05 12:45:00	0.8898	7.2141	0.0064	0.0350	0.0000	12.5427	0.0217
2016-12-05 13:00:00	1.2262	7.2141	0.0088	0.1719	0.0002	12.5427	0.0298
2016-12-05 13:15:00	1.9024	7.2141	0.0137	0.0107	0.0000	12.5427	0.0463
2016-12-05 13:30:00	2.5103	7.2141	0.0181	0.1705	0.0004	12.5427	0.0611
2016-12-05 13:45:00	2.4487	7.2141	0.0177	0.1044	0.0003	12.5427	0.0596
2016-12-05 14:00:00	2.2979	7.2141	0.0166	0.1043	0.0002	12.5427	0.0559
2016-12-05 14:15:00	1.3739	7.2141	0.0099	0.1037	0.0001	12.5427	0.0334
2016-12-05 14:30:00	2.8988	7.2141	0.0209	0.1037	0.0003	12.5427	0.0705
2016-12-05 14:45:00	1.8796	7.2141	0.0136	0.1037	0.0002	12.5427	0.0457
2016-12-05 15:00:00	1.8534	7.2141	0.0134	0.1037	0.0002	12.5427	0.0451
2016-12-05 15:15:00	2.1623	7.2141	0.0156	0.1037	0.0002	12.5427	0.0526
2016-12-05 15:30:00	1.2621	7.2141	0.0091	0.1037	0.0001	12.5427	0.0307
2016-12-05 15:45:00	1.4878	7.2141	0.0107	0.1037	0.0002	12.5427	0.0362
2016-12-05 16:00:00	1.2784	7.2141	0.0092	0.1037	0.0001	12.5427	0.0311
2016-12-05 16:15:00	1.5056	7.2141	0.0109	0.1037	0.0002	12.5427	0.0366
2016-12-05 16:30:00	0.8902	7.2141	0.0064	0.1037	0.0001	12.5427	0.0217
2016-12-05 16:45:00	1.9190	7.2141	0.0138	0.1037	0.0002	12.5427	0.0467
2016-12-05 17:00:00	0.9550	7.2141	0.0069	0.1037	0.0001	12.5427	0.0232
2016-12-05 17:15:00	0.7015	7.2141	0.0051	0.1037	0.0001	12.5427	0.0171
2016-12-05 17:30:00	0.9801	7.2141	0.0071	0.1037	0.0001	12.5427	0.0238
2016-12-05 17:45:00	0.3286	7.2141	0.0024	0.1037	0.0000	12.5427	0.0080
2016-12-05 18:00:00	0.9560	7.2141	0.0069	0.1664	0.0002	12.5427	0.0233
2016-12-05 18:15:00	0.6116	7.2141	0.0044	0.1447	0.0001	12.5427	0.0149
		7.2141	0.0020			_	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-05 18:45:00	0.1372	7.2141	0.0010	0.1875	0.0000	12.5427	0.0033
2016-12-05 19:00:00	0.0948	7.2141	0.0007	0.1875	0.0000	12.5427	0.0023
2016-12-05 19:15:00	0.0976	7.2141	0.0007	0.1875	0.0000	12.5427	0.0024
2016-12-05 19:30:00	0.0965	7.2141	0.0007	0.1875	0.0000	12.5427	0.0023
2016-12-05 19:45:00	0.2698	7.2141	0.0019	0.1875	0.0001	12.5427	0.0066
2016-12-05 20:00:00	0.5328	7.2141	0.0038	0.1875	0.0001	12.5427	0.0130
2016-12-05 20:15:00	0.2740	7.2141	0.0020	0.1875	0.0001	12.5427	0.0067
2016-12-05 20:30:00	0.3617	7.2141	0.0026	0.1875	0.0001	12.5427	0.0088
2016-12-05 20:45:00	0.1226	7.2141	0.0009	0.1657	0.0000	12.5427	0.0030
2016-12-05 21:00:00	0.1153	7.2141	0.0008	0.0714	0.0000	12.5427	0.0028
2016-12-05 21:15:00	0.1886	7.2141	0.0014	0.0475	0.0000	12.5427	0.0046
2016-12-05 21:30:00	0.1191	7.2141	0.0009	0.1258	0.0000	12.5427	0.0029
2016-12-05 21:45:00	0.0737	7.2141	0.0005	0.0870	0.0000	12.5427	0.0018
2016-12-05 22:00:00	0.7590	7.2141	0.0055	0.1823	0.0001	12.5427	0.0185
2016-12-05 22:15:00	1.3436	7.2141	0.0097	0.1923	0.0003	12.5427	0.0327
2016-12-05 22:30:00	1.9210	7.2141	0.0139	0.1923 0.1923	0.0004	12.5427	0.0467
2016-12-05 22:45:00	2.3800	7.2141	0.0172		0.0005	12.5427	0.0579
2016-12-05 23:00:00 2016-12-05 23:15:00	1.8778	7.2141 7.2141	0.0135 0.0197	0.1923 0.1923	0.0004	12.5427	0.0457
	2.7277				0.0005	12.5427	0.0664
2016-12-05 23:30:00 2016-12-05 23:45:00	3.8730 4.2281	7.2141 7.2141	0.0279 0.0305	0.1923 0.1923	0.0007 0.0008	12.5427 12.5427	0.0942 0.1029
2016-12-05 23:45:00 2016-12-06 00:00:00	4.2281 4.0913	7.2141 7.2141	0.0305	0.1923	0.0008	12.5427	0.1029
	4.2080	7.2141	0.0295	0.1923	0.0008	12.5427	0.0996
2016-12-06 00:15:00 2016-12-06 00:30:00	4.2080 4.5094	7.2141 7.2141	0.0304	0.1923	0.0008	12.5427	0.1024
2016-12-06 00:45:00	4.6973	7.2141	0.0323	0.1923	0.0009	12.5427	0.1037
2016-12-06 00:45:00	4.6251	7.2141	0.0339	0.1923	0.0009	12.5427	0.1143
2016-12-06 01:05:00	4.4282	7.2141	0.0319	0.1923	0.0009	12.5427	0.1123
2016-12-06 01:19:00	4.4170	7.2141	0.0319	0.1923	0.0008	12.5427	0.1075
2016-12-06 01:45:00	4.5116	7.2141	0.0315	0.1923	0.0009	12.5427	0.1073
2016-12-06 02:00:00	4.4836	7.2141	0.0323	0.1923	0.0009	12.5427	0.1091
2016-12-06 02:15:00	4.6092	7.2141	0.0323	0.1923	0.0009	12.5427	0.1122
2016-12-06 02:30:00	4.6309	7.2141	0.0334	0.1923	0.0009	12.5427	0.1127
2016-12-06 02:45:00	4.6547	7.2141	0.0336	0.1923	0.0009	12.5427	0.1133
2016-12-06 03:00:00	4.7056	7.2141	0.0339	0.1923	0.0009	12.5427	0.1145
2016-12-06 03:15:00	4.9078	7.2141	0.0354	0.1923	0.0009	12.5427	0.1194
2016-12-06 03:30:00	4.9078	7.2141	0.0354	0.1923	0.0009	12.5427	0.1194
2016-12-06 03:45:00	4.8971	7.2141	0.0353	0.1923	0.0009	12.5427	0.1192
2016-12-06 04:00:00	4.8287	7.2141	0.0348	0.1923	0.0009	12.5427	0.1175
2016-12-06 04:15:00	4.2827	7.2141	0.0309	0.1923	0.0008	12.5427	0.1042
2016-12-06 04:30:00	3.9181	7.2141	0.0283	0.1923	0.0008	12.5427	0.0953
2016-12-06 04:45:00	4.7072	7.2141	0.0340	0.1923	0.0009	12.5427	0.1145
2016-12-06 05:00:00	4.9078	7.2141	0.0354	0.1923	0.0009	12.5427	0.1194
2016-12-06 05:15:00	4.9078	7.2141	0.0354	0.1923	0.0009	12.5427	0.1194
2016-12-06 05:30:00	4.9078	7.2141	0.0354	0.1923	0.0009	12.5427	0.1194
2016-12-06 05:45:00	4.9078	7.2141	0.0354	0.3002	0.0015	12.5427	0.1194
2016-12-06 06:00:00	4.9078	7.2141	0.0354	0.3049	0.0015	12.5427	0.1194
2016-12-06 06:15:00	4.9078	7.2141	0.0354	0.3049	0.0015	12.5427	0.1194
2016-12-06 06:30:00	4.9078	7.2141	0.0354	0.3049	0.0015	12.5427	0.1194
2016-12-06 06:45:00	4.9078	7.2141	0.0354	0.3049	0.0015	12.5427	0.1194
2016-12-06 07:00:00	4.9078	7.2141	0.0354	0.3841	0.0019	12.5427	0.1194
2016-12-06 07:15:00	4.9078	7.2141	0.0354	0.4175	0.0020	12.5427	0.1194
2016-12-06 07:30:00	4.9078	7.2141	0.0354	0.4175	0.0020	12.5427	0.1194
2016-12-06 07:45:00	4.8601	7.2141	0.0351	0.4175	0.0020	12.5427	0.1183
2016-12-06 08:00:00	4.8172	7.2141	0.0348	0.4175	0.0020	12.5427	0.1172
2016-12-06 08:15:00	4.8420	7.2141	0.0349	0.4175	0.0020	12.5427	0.1178
2016-12-06 08:30:00	4.6589	7.2141	0.0336	0.4175	0.0019	12.5427	0.1134
2016-12-06 08:45:00	4.0829	7.2141	0.0295	0.4175	0.0017	12.5427	0.0993
2016-12-06 09:00:00	3.3155	7.2141	0.0239	0.4175	0.0014	12.5427	0.0807
2016-12-06 09:15:00	2.7372	7.2141	0.0197	0.4175	0.0011	12.5427	0.0666
2016-12-06 09:30:00	2.0520	7.2141	0.0148	0.4175	0.0009	12.5427	0.0499
2016-12-06 09:45:00	2.7522	7.2141	0.0199	0.4175	0.0011	12.5427	0.0670
2016-12-06 10:00:00	3.8416	7.2141	0.0277	0.4175	0.0016	12.5427	0.0935
2016-12-06 10:15:00	4.1028	7.2141	0.0296	0.4175	0.0017	12.5427	0.0998
2016-12-06 10:30:00	4.3401	7.2141	0.0313	0.4175	0.0018	12.5427	0.1056
2016-12-06 10:45:00	4.0473	7.2141	0.0292	0.4175	0.0017	12.5427	0.0985
2016-12-06 11:00:00	4.0358	7.2141	0.0291	0.4175	0.0017	12.5427	0.0982
2016-12-06 11:15:00	3.8919	7.2141	0.0281	0.5085	0.0020	12.5427	0.0947
2016-12-06 11:30:00	3.5660	7.2141	0.0257	0.4738	0.0017	12.5427	0.0868
2016-12-06 11:45:00	3.3586	7.2141	0.0242	0.4590	0.0015	12.5427	0.0817
2016-12-06 12:00:00	1.3100	7.2141	0.0095	0.3874	0.0005	12.5427	0.0319
2016-12-06 12:15:00	2.4419	7.2141	0.0176	0.3001	0.0007	12.5427	0.0594
2016-12-06 12:30:00	3.7751	7.2141	0.0272	0.3001	0.0011	12.5427	0.0919
2016-12-06 12:45:00	3.8642	7.2141	0.0279	0.3869	0.0015	12.5427	0.0940
2016-12-06 13:00:00	4.0770	7.2141	0.0294	0.4209	0.0017	12.5427	0.0992
2010-12-00 13.00.00	1.0770	7.2141	0.0255				0.0862

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-06 13:30:00	3.9195	7.2141	0.0283	0.4223	0.0017	12.5427	0.0954
2016-12-06 13:45:00	4.1387	7.2141	0.0299	0.3099	0.0013	12.5427	0.1007
2016-12-06 14:00:00	4.4948	7.2141	0.0324	0.3147	0.0014	12.5427	0.1094
2016-12-06 14:15:00	4.1237	7.2141	0.0297	0.1380	0.0006	12.5427	0.1003
2016-12-06 14:30:00	3.8684	7.2141	0.0279	0.0236	0.0001	12.5427	0.0941
2016-12-06 14:45:00	4.5276	7.2141	0.0327	0.0268	0.0001	12.5427	0.1102
2016-12-06 15:00:00	4.6609	7.2141	0.0336	0.0268	0.0001	12.5427	0.1134
2016-12-06 15:15:00	4.4808	7.2141	0.0323	0.0268	0.0001	12.5427	0.1090
2016-12-06 15:30:00	4.3125	7.2141	0.0311	0.0890	0.0004	12.5427	0.1049
2016-12-06 15:45:00	4.4696	7.2141	0.0322	0.1413	0.0006	12.5427	0.1088
2016-12-06 16:00:00	4.5714	7.2141	0.0330	0.1360	0.0006	12.5427	0.1112
2016-12-06 16:15:00	4.5425	7.2141	0.0328	0.1339	0.0006	12.5427	0.1105
2016-12-06 16:30:00	4.5771	7.2141	0.0330	0.0913	0.0004	12.5427	0.1114
2016-12-06 16:45:00	3.7688	7.2141	0.0272	0.0913	0.0003	12.5427	0.0917
2016-12-06 17:00:00	2.6702	7.2141	0.0193	0.2651	0.0007	12.5427	0.0650
2016-12-06 17:15:00	2.1666	7.2141	0.0156	0.3303	0.0007	12.5427	0.0527
2016-12-06 17:30:00	1.3066	7.2141	0.0094	0.3303	0.0004	12.5427	0.0318
2016-12-06 17:45:00	1.1432	7.2141	0.0082	0.3303	0.0004	12.5427	0.0278
2016-12-06 18:00:00	0.8114	7.2141	0.0059	0.3303	0.0003	12.5427	0.0197
2016-12-06 18:15:00	0.5074	7.2141	0.0037	0.3303	0.0002	12.5427	0.0123
2016-12-06 18:30:00	0.4978	7.2141	0.0036	0.3303	0.0002	12.5427	0.0121
2016-12-06 18:45:00	0.1463	7.2141	0.0011	0.3303	0.0000	12.5427	0.0036
2016-12-06 19:00:00 2016-12-06 19:15:00	0.3648 0.3254	7.2141 7.2141	0.0026 0.0023	0.3303 0.3303	0.0001 0.0001	12.5427 12.5427	0.0089 0.0079
2016-12-06 19:30:00 2016-12-06 19:45:00	0.7766 0.2602	7.2141 7.2141	0.0056 0.0019	0.3303 0.3303	0.0003 0.0001	12.5427 12.5427	0.0189 0.0063
2016-12-06 19:45:00	0.4956	7.2141	0.0019	0.3303	0.0001	12.5427	0.0063
2016-12-06 20:00:00	0.4936	7.2141	0.0061	0.3303	0.0002	12.5427	0.0121
2016-12-06 20:13:00	1.7626	7.2141	0.0061	0.3303	0.0003	12.5427	0.0206
2016-12-06 20:45:00	1.6709	7.2141	0.0127	0.3303	0.0006	12.5427	0.0423
2016-12-06 20:43:00	0.7374	7.2141	0.0053	0.3303	0.0002	12.5427	0.0179
2016-12-06 21:00:00	0.7374	7.2141	0.0061	0.3303	0.0002	12.5427	0.0205
2016-12-06 21:13:00	1.0813	7.2141	0.0078	0.3303	0.0003	12.5427	0.0263
2016-12-06 21:45:00	3.3711	7.2141	0.0243	0.3303	0.0011	12.5427	0.0820
2016-12-06 22:00:00	3.0449	7.2141	0.0220	0.3303	0.0011	12.5427	0.0741
2016-12-06 22:15:00	3.7888	7.2141	0.0273	0.3303	0.0013	12.5427	0.0922
2016-12-06 22:30:00	4.0463	7.2141	0.0292	0.3303	0.0013	12.5427	0.0985
2016-12-06 22:45:00	2.7717	7.2141	0.0200	0.3303	0.0009	12.5427	0.0674
2016-12-06 23:00:00	3.2567	7.2141	0.0235	0.3303	0.0011	12.5427	0.0792
2016-12-06 23:15:00	3.4403	7.2141	0.0248	0.3303	0.0011	12.5427	0.0837
2016-12-06 23:30:00	4.1852	7.2141	0.0302	0.3303	0.0014	12.5427	0.1018
2016-12-06 23:45:00	4.2688	7.2141	0.0308	0.3303	0.0014	12.5427	0.1039
2016-12-07 00:00:00	4.5143	7.2141	0.0326	0.3303	0.0015	12.5427	0.1098
2016-12-07 00:15:00	4.5147	7.2141	0.0326	0.3303	0.0015	12.5427	0.1099
2016-12-07 00:30:00	4.6511	7.2141	0.0336	0.3303	0.0015	12.5427	0.1132
2016-12-07 00:45:00	4.6715	7.2141	0.0337	0.3303	0.0015	12.5427	0.1137
2016-12-07 01:00:00	4.9453	7.2141	0.0357	0.3303	0.0016	12.5427	0.1203
2016-12-07 01:15:00	4.7513	7.2141	0.0343	0.3303	0.0016	12.5427	0.1156
2016-12-07 01:30:00	4.4980	7.2141	0.0324	0.3303	0.0015	12.5427	0.1095
2016-12-07 01:45:00	4.4919	7.2141	0.0324	0.3303	0.0015	12.5427	0.1093
2016-12-07 02:00:00	4.2629	7.2141	0.0308	0.3303	0.0014	12.5427	0.1037
2016-12-07 02:15:00	4.2914	7.2141	0.0310	0.3303	0.0014	12.5427	0.1044
2016-12-07 02:30:00	3.9758	7.2141	0.0287	0.3303	0.0013	12.5427	0.0967
2016-12-07 02:45:00	3.3014	7.2141	0.0238	0.3303	0.0011	12.5427	0.0803
2016-12-07 03:00:00	1.8584	7.2141	0.0134	0.3303	0.0006	12.5427	0.0452
2016-12-07 03:15:00	1.4432	7.2141	0.0104	0.3303	0.0005	12.5427	0.0351
2016-12-07 03:30:00	1.6853	7.2141	0.0122	0.3303	0.0006	12.5427	0.0410
2016-12-07 03:45:00	1.9486	7.2141	0.0141	0.3303	0.0006	12.5427	0.0474
2016-12-07 04:00:00	1.3733	7.2141	0.0099	0.3303	0.0005	12.5427	0.0334
2016-12-07 04:15:00	2.9123	7.2141	0.0210	0.3303	0.0010	12.5427	0.0709
2016-12-07 04:30:00	3.9974	7.2141	0.0288	0.3303	0.0013	12.5427	0.0973
2016-12-07 04:45:00	3.7794	7.2141	0.0273	0.3303	0.0012	12.5427	0.0920
2016-12-07 05:00:00	4.4545	7.2141	0.0321	0.3303	0.0015	12.5427	0.1084
2016-12-07 05:15:00	4.6915	7.2141	0.0338	0.3303	0.0015	12.5427	0.1142
2016-12-07 05:30:00	5.0221	7.2141	0.0362	0.3303	0.0017	12.5427	0.1222
2016-12-07 05:45:00	5.0221	7.2141	0.0362	0.3303	0.0017	12.5427	0.1222
2016-12-07 06:00:00	5.0221	7.2141	0.0362	0.3303	0.0017	12.5427	0.1222
2016-12-07 06:15:00	5.0221	7.2141	0.0362	0.3303	0.0017	12.5427	0.1222
2016-12-07 06:30:00	4.9760	7.2141	0.0359	0.3303	0.0016	12.5427	0.1211
2016-12-07 06:45:00	4.9377	7.2141	0.0356	0.4109	0.0020	12.5427	0.1201
2016-12-07 07:00:00	4.9473	7.2141	0.0357	0.5569	0.0028	12.5427	0.1204
2016-12-07 07:15:00	4.6845	7.2141	0.0338	0.4551	0.0021	12.5427	0.1140
2016-12-07 07:30:00	4.0113	7.2141	0.0289	0.4415	0.0018	12.5427	0.0976
2016-12-07 07:45:00	3.5752	7.2141	0.0258	0.4715	0.0017	12.5427	0.0870

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-07 08:15:00	1.8472	7.2141	0.0133	0.5569	0.0010	12.5427	0.0449
2016-12-07 08:30:00	1.1764	7.2141	0.0085	0.5569	0.0007	12.5427	0.0286
2016-12-07 08:45:00	0.8870	7.2141	0.0064	0.5569	0.0005	12.5427	0.0216
2016-12-07 09:00:00	0.5027	7.2141	0.0036	0.5569	0.0003	12.5427	0.0122
2016-12-07 09:15:00	1.2008	7.2141	0.0087	0.5569	0.0007	12.5427	0.0292
2016-12-07 09:30:00	1.8059	7.2141	0.0130	0.5063	0.0009	12.5427	0.0439
2016-12-07 09:45:00	0.8835	7.2141	0.0064	0.4429	0.0004	12.5427	0.0215
2016-12-07 10:00:00	0.8427	7.2141	0.0061	0.4429	0.0004	12.5427	0.0205
2016-12-07 10:15:00	0.6904	7.2141	0.0050	0.4429	0.0003	12.5427	0.0168
2016-12-07 10:30:00	1.8657	7.2141	0.0135	0.4429	0.0008	12.5427	0.0454
2016-12-07 10:45:00	2.9831	7.2141	0.0215	0.4429	0.0013	12.5427	0.0726
2016-12-07 11:00:00	3.7229	7.2141	0.0269	0.4429	0.0016	12.5427	0.0906
2016-12-07 11:15:00	2.8575	7.2141	0.0206	0.4429	0.0013	12.5427	0.0695
2016-12-07 11:30:00	1.5420	7.2141	0.0111	0.4429	0.0007	12.5427	0.0375
2016-12-07 11:45:00	2.3253	7.2141	0.0168	0.4429	0.0010	12.5427	0.0566
2016-12-07 12:00:00	1.6461	7.2141	0.0119	0.4429	0.0007	12.5427	0.0401
2016-12-07 12:15:00	2.2705	7.2141	0.0164	0.4429	0.0010	12.5427	0.0552
2016-12-07 12:30:00	1.4496	7.2141	0.0105	0.4429	0.0006	12.5427	0.0353
2016-12-07 12:45:00	1.1051	7.2141	0.0080	0.4429	0.0005	12.5427	0.0269
2016-12-07 13:00:00 2016-12-07 13:15:00	2.1340 1.9543	7.2141 7.2141	0.0154 0.0141	0.4429 0.4429	0.0009 0.0009	12.5427 12.5427	0.0519 0.0476
2016-12-07 13:15:00	1.9543 0.9580	7.2141 7.2141	0.0141	0.4429	0.0009	12.5427	0.0476
2016-12-07 13:30:00	1.4832	7.2141 7.2141	0.0069	0.3681	0.0004	12.5427	0.0233
2016-12-07 13:43:00	1.4861	7.2141	0.0107	0.3303	0.0005	12.5427	0.0361
2016-12-07 14:15:00	2.5524	7.2141	0.0107	0.3303	0.0008	12.5427	0.0362
2016-12-07 14:30:00	3.6362	7.2141	0.0262	0.2279	0.0008	12.5427	0.0885
2016-12-07 14:45:00	4.3894	7.2141	0.0317	0.1358	0.0006	12.5427	0.1068
2016-12-07 15:00:00	4.8429	7.2141	0.0349	0.1218	0.0006	12.5427	0.1178
2016-12-07 15:15:00	4.3953	7.2141	0.0343	0.0358	0.0002	12.5427	0.1069
2016-12-07 15:30:00	4.3543	7.2141	0.0314	0.0000	0.0000	12.5427	0.1060
2016-12-07 15:45:00	3.5323	7.2141	0.0255	0.0000	0.0000	12.5427	0.0860
2016-12-07 16:00:00	4.2274	7.2141	0.0305	0.0000	0.0000	12.5427	0.1029
2016-12-07 16:15:00	2.9290	7.2141	0.0211	0.0000	0.0000	12.5427	0.0713
2016-12-07 16:30:00	2.7205	7.2141	0.0196	0.0000	0.0000	12.5427	0.0662
2016-12-07 16:45:00	3.7317	7.2141	0.0269	0.0000	0.0000	12.5427	0.0908
2016-12-07 17:00:00	4.4588	7.2141	0.0322	0.0000	0.0000	12.5427	0.1085
2016-12-07 17:15:00	4.0244	7.2141	0.0290	0.0000	0.0000	12.5427	0.0979
2016-12-07 17:30:00	4.3668	7.2141	0.0315	0.0000	0.0000	12.5427	0.1063
2016-12-07 17:45:00	4.0526	7.2141	0.0292	0.0000	0.0000	12.5427	0.0986
2016-12-07 18:00:00	2.5432	7.2141	0.0183	0.0069	0.0000	12.5427	0.0619
2016-12-07 18:15:00	1.2875	7.2141	0.0093	0.2730	0.0004	12.5427	0.0313
2016-12-07 18:30:00	1.7026	7.2141	0.0123	0.3481	0.0006	12.5427	0.0414
2016-12-07 18:45:00	0.5971	7.2141	0.0043	0.3481	0.0002	12.5427	0.0145
2016-12-07 19:00:00	1.1323	7.2141	0.0082	0.3481	0.0004	12.5427	0.0276
2016-12-07 19:15:00	2.6621	7.2141	0.0192	0.3481	0.0009	12.5427	0.0648
2016-12-07 19:30:00	3.4919	7.2141	0.0252	0.3481	0.0012	12.5427	0.0850
2016-12-07 19:45:00	3.7196	7.2141	0.0268	0.3481	0.0013	12.5427	0.0905
2016-12-07 20:00:00	3.9244	7.2141	0.0283	0.3481	0.0014	12.5427	0.0955
2016-12-07 20:15:00	4.0823	7.2141	0.0294	0.3481	0.0014	12.5427	0.0993
2016-12-07 20:30:00	4.0713	7.2141	0.0294	0.3481	0.0014	12.5427	0.0991
2016-12-07 20:45:00	4.0486	7.2141	0.0292	0.3481	0.0014	12.5427	0.0985
2016-12-07 21:00:00	2.8875	7.2141	0.0208	0.3481	0.0010	12.5427	0.0703
2016-12-07 21:15:00	1.8937	7.2141	0.0137	0.3481	0.0007	12.5427	0.0461
2016-12-07 21:30:00	2.2631	7.2141	0.0163	0.3481	0.0008	12.5427	0.0551
2016-12-07 21:45:00	0.9599	7.2141	0.0069	0.3481	0.0003	12.5427	0.0234
2016-12-07 22:00:00	0.2328	7.2141	0.0017	0.3481	0.0001	12.5427	0.0057
2016-12-07 22:15:00	0.1150	7.2141	0.0008	0.3481	0.0000	12.5427	0.0028
2016-12-07 22:30:00	0.0180	7.2141	0.0001	0.3481	0.0000	12.5427	0.0004
2016-12-07 22:45:00	0.5365	7.2141	0.0039	0.3481	0.0002	12.5427	0.0131
2016-12-07 23:00:00	0.9801	7.2141	0.0071	0.3481	0.0003	12.5427	0.0238
2016-12-07 23:15:00	1.6233	7.2141	0.0117	0.3481	0.0006	12.5427	0.0395
2016-12-07 23:30:00	2.9497	7.2141	0.0213	0.3481	0.0010	12.5427	0.0718
2016-12-07 23:45:00	4.0383	7.2141	0.0291	0.3481	0.0014	12.5427	0.0983
2016-12-08 00:00:00	3.8959	7.2141	0.0281	0.3481	0.0014	12.5427	0.0948
2016-12-08 00:15:00	4.4496	7.2141	0.0321	0.3481	0.0015	12.5427	0.1083
2016-12-08 00:30:00	4.4496	7.2141	0.0321	0.3481	0.0015	12.5427	0.1083
2016-12-08 00:45:00	4.4496	7.2141	0.0321	0.3481	0.0015	12.5427	0.1083
2016-12-08 01:00:00	4.4496	7.2141	0.0321	0.3481	0.0015	12.5427	0.1083
2016-12-08 01:15:00	4.3278	7.2141	0.0312	0.3481	0.0015	12.5427	0.1053
2016-12-08 01:30:00	4.1842	7.2141	0.0302	0.3481	0.0015	12.5427	0.1018
2016-12-08 01:45:00	4.7245	7.2141	0.0341	0.3481	0.0016	12.5427	0.1150
2016-12-08 02:00:00	4.7245	7.2141	0.0341	0.3481	0.0016	12.5427	0.1150
2016-12-08 02:15:00	4.7245	7.2141	0.0341	0.3481	0.0016	12.5427	0.1150
2016-12-08 02:30:00	4.7245	7.2141	0.0341	0.3481	0.0016	12.5427	0.1150
2016-12-08 02:45:00	4.7245	7.2141	0.0341	0.3791	0.0018	12.5427	0.1150

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ox	NH3			20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-08 03:00:00	4.7245	7.2141	0.0341	0.4614	0.0022	12.5427	0.1150
2016-12-08 03:15:00	4.6891	7.2141	0.0338	0.4614	0.0022	12.5427	0.1141
2016-12-08 03:30:00	4.4764	7.2141	0.0323	0.4614	0.0021	12.5427	0.1089
2016-12-08 03:45:00	4.1770	7.2141	0.0301	0.4614	0.0019	12.5427	0.1016
2016-12-08 04:00:00	4.5615	7.2141	0.0329	0.4614	0.0021	12.5427	0.1110
2016-12-08 04:15:00	4.4089	7.2141	0.0318	0.4614	0.0020	12.5427	0.1073
2016-12-08 04:30:00	1.9083	7.2141	0.0138	0.4614	0.0009	12.5427	0.0464
2016-12-08 04:45:00 2016-12-08 05:00:00	1.1156	7.2141	0.0080	0.4614	0.0005	12.5427	0.0271
2016-12-08 05:00:00	1.7771	7.2141	0.0128	0.4614	0.0008	12.5427	0.0432
	3.3330	7.2141	0.0240	0.4305	0.0014	12.5427	0.0811
2016-12-08 05:30:00 2016-12-08 05:45:00	4.2647	7.2141	0.0308	0.3481 0.3481	0.0015	12.5427	0.1038
	4.4778	7.2141 7.2141	0.0323 0.0323	0.3481	0.0016 0.0016	12.5427	0.1090
2016-12-08 06:00:00 2016-12-08 06:15:00	4.4778 4.7410	7.2141	0.0323	0.3481	0.0016	12.5427 12.5427	0.1090 0.1154
2016-12-08 06:30:00	4.6057	7.2141	0.0342	0.3481	0.0017	12.5427	0.1134
2016-12-08 06:45:00	4.4292	7.2141	0.0332	0.3481	0.0015	12.5427	0.1121
2016-12-08 00:43:00	4.4885	7.2141	0.0320	0.3481	0.0013	12.5427	0.1078
2016-12-08 07:00:00	4.4883	7.2141	0.0324	0.3481	0.0015	12.5427	0.1032
2016-12-08 07:13:00	3.8102	7.2141	0.0303	0.3481	0.0013	12.5427	0.1029
2016-12-08 07:45:00	1.8325	7.2141	0.0132	0.3481	0.0013	12.5427	0.0327
2016-12-08 07:43:00	0.9484	7.2141	0.0068	0.3481	0.0003	12.5427	0.0440
2016-12-08 08:00:00	0.4298	7.2141	0.0088	0.3481	0.0003	12.5427	0.0231
2016-12-08 08:30:00	0.0000	7.2141	0.0000	0.3481	0.0001	12.5427	0.0000
2016-12-08 08:45:00	0.0365	7.2141	0.0003	0.3481	0.0000	12.5427	0.0000
2016-12-08 09:00:00	0.1858	7.2141	0.0003	0.3481	0.0001	12.5427	0.0045
2016-12-08 09:15:00	0.3376	136.1187	0.0460	0.4298	0.0001	12.5427	0.0082
2016-12-08 09:30:00	0.4698	196.3828	0.0923	0.4621	0.0002	12.5427	0.0114
2016-12-08 09:45:00	12.8031	107.4784	1.3761	0.4621	0.0059	12.5427	0.3115
2016-12-08 10:00:00	17.4595	56.5102	0.9866	0.3970	0.0069	12.5427	0.4248
2016-12-08 10:15:00	20.0847	56.5102	1.1350	0.3461	0.0070	12.5427	0.4887
2016-12-08 10:30:00	20.2309	23.6461	0.4784	0.3461	0.0070	12.5427	0.4923
2016-12-08 10:45:00	20.2202	23.6461	0.4781	0.2773	0.0056	12.5427	0.4920
2016-12-08 11:00:00	20.5954	23.6461	0.4870	0.2852	0.0059	12.5427	0.5011
2016-12-08 11:15:00	20.7780	23.6461	0.4913	0.3371	0.0070	12.5427	0.5056
2016-12-08 11:30:00	23.7421	23.6461	0.5614	0.3371	0.0080	12.5427	0.5777
2016-12-08 11:45:00	25.1143	23.6461	0.5939	0.3371	0.0085	12.5427	0.6111
2016-12-08 12:00:00	25.1629	23.6461	0.5950	0.3371	0.0085	12.5427	0.6123
2016-12-08 12:15:00	25.0560	23.6461	0.5925	0.3371	0.0084	12.5427	0.6097
2016-12-08 12:30:00	25.2674	23.6461	0.5975	0.3371	0.0085	12.5427	0.6148
2016-12-08 12:45:00	25.3353	23.6461	0.5991	0.3371	0.0085	12.5427	0.6165
2016-12-08 13:00:00	25.3244	23.6461	0.5988	0.3371	0.0085	12.5427	0.6162
2016-12-08 13:15:00	25.3692	23.6461	0.5999	0.3371	0.0086	12.5427	0.6173
2016-12-08 13:30:00	25.2790	23.6461	0.5977	0.3371	0.0085	12.5427	0.6151
2016-12-08 13:45:00	25.4342	23.6461	0.6014	0.3264	0.0083	12.5427	0.6189
2016-12-08 14:00:00	25.3607	23.6461	0.5997	0.2444	0.0062	12.5427	0.6171
2016-12-08 14:15:00	9.5747	23.6461	0.2264	0.4036	0.0039	12.5427	0.2330
2016-12-08 14:30:00	0.0000	23.6461	0.0000	0.4841	0.0000	12.5427	0.0000
2016-12-08 14:45:00	0.0000	23.6461	0.0000	0.4593	0.0000	12.5427	0.0000
2016-12-08 15:00:00	0.0000	23.6461	0.0000	0.4583	0.0000	12.5427	0.0000
2016-12-08 15:15:00	0.0000	23.6461	0.0000	0.6422	0.0000	12.5427	0.0000
2016-12-08 15:30:00	0.0000	23.6461	0.0000	0.3807	0.0000	12.5427	0.0000
2016-12-08 15:45:00	0.0000	23.6461	0.0000	0.4964	0.0000	12.5427	0.0000
2016-12-08 16:00:00	0.0000	23.6461	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 16:15:00	0.0000	23.6461	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 16:30:00	0.0000	23.6461	0.0000	0.3743	0.0000	12.5427	0.0000
2016-12-08 16:45:00	0.0000	23.6461	0.0000	0.1245	0.0000	12.5427	0.0000
2016-12-08 17:00:00	0.0000	23.6461	0.0000	0.0151	0.0000	12.5427	0.0000
2016-12-08 17:15:00	0.0000	23.6461	0.0000	0.1339	0.0000	12.5427	0.0000
2016-12-08 17:30:00	0.0000	23.6461	0.0000	0.0255	0.0000	12.5427	0.0000
2016-12-08 17:45:00	0.0000	23.6461	0.0000	0.0470	0.0000	12.5427	0.0000
2016-12-08 18:00:00	0.0000	23.6461	0.0000	0.3111	0.0000	12.5427	0.0000
2016-12-08 18:15:00	0.0000	23.6461	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 18:30:00	0.0000	23.6461	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 18:45:00	0.0000	23.6461	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 19:00:00	0.0000	23.6461	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 19:15:00	0.0000	23.6461	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 19:30:00	0.0000	23.6461	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 19:45:00	0.0000	36.2473	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 20:00:00	0.0000	56.7105	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 20:15:00	0.0000	56.7105	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 20:30:00	0.0000	56.7105	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 20:45:00	0.0000	56.7105	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 21:00:00	0.0000	56.7105	0.0000	0.3893	0.0000	12.5427	0.0000
2016-12-08 21:15:00	0.2625	46.3748	0.0122	0.4753	0.0001	12.5427	0.0064
2016-12-08 21:30:00	13.2126	23.6461	0.3124	0.4936	0.0065	12.5427	0.3215

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	NO		NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-08 21:45:00	17.3952	23.6461	0.4113	0.4361	0.0076	12.5427	0.4233
2016-12-08 22:00:00	19.6332	23.6461	0.4642	0.4473	0.0088	12.5427	0.4777
2016-12-08 22:15:00	21.0126	23.6461	0.4969	0.3131	0.0066	12.5427	0.5113
2016-12-08 22:30:00	21.9514	23.6461	0.5191	0.2497	0.0055	12.5427	0.5341
2016-12-08 22:45:00	22.0220	23.6461	0.5207	0.3375	0.0074	12.5427	0.5359
2016-12-08 23:00:00	21.9004	23.6461	0.5179	0.3397	0.0074	12.5427	0.5329
2016-12-08 23:15:00	22.0904	23.6461	0.5224	0.3233	0.0071	12.5427	0.5375
2016-12-08 23:30:00	24.2246	23.6461	0.5728	0.3783	0.0092	12.5427	0.5895
2016-12-08 23:45:00	26.0146	23.6461	0.6151	0.3516	0.0091	12.5427	0.6330
2016-12-09 00:00:00	27.9891	532.8403	14.9137	0.3249	0.0091	12.5427	0.6811
2016-12-09 00:15:00	28.3589	1431.9604	40.6088	0.3263	0.0093	12.5427	0.6901
2016-12-09 00:30:00	28.5192	208.7186	5.9525	0.2410	0.0069	12.5427	0.6940
2016-12-09 00:45:00	28.2211	92.9813	2.6240	0.2410	0.0068	12.5427	0.6867
2016-12-09 01:00:00	28.1269 28.1013	75.6775 26.8523	2.1286 0.7546	0.2410 0.2410	0.0068 0.0068	12.5427 12.5427	0.6844 0.6838
2016-12-09 01:15:00 2016-12-09 01:30:00	28.3250	26.8523	0.7546	0.2410	0.0068	12.5427	0.6892
2016-12-09 01:30:00	28.2042	26.8523	0.7573	0.2410	0.0068	12.5427	0.6863
2016-12-09 01:43:00	28.5599	26.8523	0.7669	0.2410	0.0069	12.5427	0.6949
2016-12-09 02:00:00	27.5098	80.5192	2.2151	0.2410	0.0067	88.3807	4.7168
2016-12-09 02:30:00	28.6907	2781.3072	79.7977	0.3157	0.0007	156.4101	8.7058
2016-12-09 02:35:00	29.0837	2781.8541	80.9065	0.4543	0.0091	37.2620	2.1024
2016-12-09 03:00:00	29.4080	405.7685	11.9328	4.5821	0.1347	37.2620	2.1258
2016-12-09 03:00:00	29.6567	146.6476	4.3491	11.2500	0.3336	37.2620	2.1238
2016-12-09 03:30:00	29.5364	107.3827	3.1717	11.2500	0.3323	37.2620	2.1351
2016-12-09 03:45:00	29.6471	106.2070	3.1487	11.2500	0.3325	37.2620	2.1431
2016-12-09 04:00:00	29.7230	106.2070	3.1568	11.2500	0.3344	37.2620	2.1486
2016-12-09 04:15:00	29.8274	106.2070	3.1679	11.2500	0.3356	37.2620	2.1562
2016-12-09 04:30:00	30.0593	106.2070	3.1925	9.7263	0.2924	37.2620	2.1729
2016-12-09 04:45:00	30.6696	106.2070	3.2573	3.2340	0.0992	37.2620	2.2171
2016-12-09 05:00:00	30.8227	106.2070	3.2736	3.7911	0.1169	37.2620	2.2281
2016-12-09 05:15:00	31.9129	121.7106	3.8841	3.3705	0.1076	40.9042	2.5324
2016-12-09 05:30:00	34.1558	139.2715	4.7569	9.3418	0.3191	52.3682	3.4700
2016-12-09 05:45:00	34.3242	139.2715	4.7804	11.2500	0.3861	52.3682	3.4871
2016-12-09 06:00:00	34.4451	139.2715	4.7972	11.2500	0.3875	52.3682	3.4994
2016-12-09 06:15:00	34.5657	139.2715	4.8140	11.2500	0.3889	52.3682	3.5117
2016-12-09 06:30:00	34.5594	139.2715	4.8131	11.2500	0.3888	52.3682	3.5110
2016-12-09 06:45:00	34.7057	139.2715	4.8335	11.2500	0.3904	52.3682	3.5259
2016-12-09 07:00:00	34.7076	139.2715	4.8338	11.2500	0.3905	52.3682	3.5261
2016-12-09 07:15:00	34.7952	139.2715	4.8460	11.2500	0.3914	52.3682	3.5350
2016-12-09 07:30:00	34.4252	139.2715	4.7945	11.2500	0.3873	52.3682	3.4974
2016-12-09 07:45:00	34.5272	139.2715	4.8087	11.2500	0.3884	52.3682	3.5078
2016-12-09 08:00:00	34.3403	139.2715	4.7826	11.2500	0.3863	52.3682	3.4888
2016-12-09 08:15:00	34.2347	139.2715	4.7679	11.2500	0.3851	52.3682	3.4780
2016-12-09 08:30:00	34.1662	139.2715	4.7584	11.2500	0.3844	52.3682	3.4711
2016-12-09 08:45:00	34.4849	139.2715	4.8028	8.2358	0.2840	52.3682	3.5035
2016-12-09 09:00:00	34.7005	139.2715	4.8328	1.6293	0.0565	52.3682	3.5254
2016-12-09 09:15:00	34.7268	139.2715	4.8364	0.9757	0.0339	52.3682	3.5280
2016-12-09 09:30:00	34.6590	139.2715	4.8270	0.8422	0.0292	45.1172	3.0336
2016-12-09 09:45:00	34.4419	113.8486	3.9212	0.7265	0.0250	37.2620	2.4897
2016-12-09 10:00:00	34.3888	106.2070	3.6523	1.0462	0.0360	37.2620	2.4859
2016-12-09 10:15:00	34.2983	106.2070	3.6427	2.5736	0.0883	37.2620	2.4794
2016-12-09 10:30:00	34.3381	106.2070	3.6469	2.0135	0.0691	37.2620	2.4822
2016-12-09 10:45:00	34.1843	106.2070	3.6306	0.8337	0.0285	37.2620	2.4711
2016-12-09 11:00:00	34.1343	106.2070	3.6253	0.7703	0.0263	37.2620	2.4675
2016-12-09 11:15:00	34.2568	102.3128	3.5049	0.7400	0.0254	37.2620	2.4764
2016-12-09 11:30:00	34.0883	73.1426	2.4933	1.8956	0.0646	37.2620	2.4642
2016-12-09 11:45:00	33.7247	73.1426	2.4667	1.6429	0.0554	37.2620	2.4379
2016-12-09 12:00:00	33.8937	73.1426	2.4791	0.7543	0.0256	37.2620	2.4501
2016-12-09 12:15:00	33.5839	73.1426	2.4564	0.7582	0.0255	30.6152	1.9947
2016-12-09 12:30:00	33.3725	73.1426	2.4409	0.7142	0.0238	22.1558	1.4344
2016-12-09 12:45:00	33.7187	73.1426	2.4663	5.8610	0.1976	22.1558	1.4493
2016-12-09 13:00:00	33.9911	80.5270	2.7372	0.8138	0.0277	22.1558	1.4610
2016-12-09 13:15:00	34.0493	104.5171	3.5587	0.7801	0.0266	22.1558	1.4635
2016-12-09 13:30:00	33.9722	73.1426	2.4848	0.6656	0.0226	22.1558	1.4602
2016-12-09 13:45:00	33.9746	73.1426	2.4850	0.5747	0.0195	22.1558	1.4603
2016-12-09 14:00:00	33.8932	53.6346	1.8178	0.5722	0.0194	22.1558	1.4568
2016-12-09 14:15:00	33.9729	40.0781	1.3616	0.5432	0.0185	22.1558	1.4602
2016-12-09 14:30:00	33.7851	40.0781	1.3540	0.4842	0.0164	22.1558	1.4522
2016-12-09 14:45:00	33.8450	40.0781	1.3564	0.5162	0.0175	22.1558	1.4547
		40.0781	1.3489	1.1210	0.0377	22.1558	1.4467
2016-12-09 15:00:00	33.6576						
2016-12-09 15:00:00 2016-12-09 15:15:00	33.8830	66.1990	2.2430	0.4734	0.0160	22.1558	1.4564
2016-12-09 15:00:00 2016-12-09 15:15:00 2016-12-09 15:30:00	33.8830 33.9415	66.1990 73.1426	2.4826	0.5067	0.0172	22.1558	1.4589
2016-12-09 15:00:00 2016-12-09 15:15:00 2016-12-09 15:30:00 2016-12-09 15:45:00	33.8830 33.9415 33.5507	66.1990 73.1426 94.6712	2.4826 3.1763	0.5067 0.5729	0.0172 0.0192	22.1558 22.1558	1.4589 1.4421
2016-12-09 15:00:00 2016-12-09 15:15:00 2016-12-09 15:30:00	33.8830 33.9415	66.1990 73.1426	2.4826	0.5067	0.0172	22.1558	1.4589

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-09 16:30:00	33.7576	44.4867	1.5018	0.5173	0.0175	22.1558	1.4510
2016-12-09 16:45:00	33.7680	68.7707	2.3223	0.3238	0.0109	22.1558	1.4514
2016-12-09 17:00:00	33.8533	77.5512	2.6254	0.4694	0.0159	22.1558	1.4551
2016-12-09 17:15:00	34.0769	77.5512	2.6427	0.5349	0.0182	22.1558	1.4647
2016-12-09 17:30:00	33.9688	60.2842	2.0478	0.4739	0.0161	22.1558	1.4601
2016-12-09 17:45:00	33.8896	44.4867	1.5076	0.4313	0.0146	22.1558	1.4567
2016-12-09 18:00:00	33.9605	44.4867	1.5108	0.4822	0.0164	22.1558	1.4597
2016-12-09 18:15:00	33.7729	44.4867	1.5024	0.4372	0.0148	22.1558	1.4516
2016-12-09 18:30:00	33.7673	44.4867	1.5022	0.4790	0.0162	22.1558	1.4514
2016-12-09 18:45:00	34.1106	44.4867	1.5175	0.3414	0.0116	22.1558	1.4661
2016-12-09 19:00:00	34.1932	44.4867	1.5211	0.3668	0.0125	22.1558	1.4697
2016-12-09 19:15:00	35.0013	44.4867	1.5571	0.3151	0.0110	22.1558	1.5044
2016-12-09 19:30:00	36.3533	44.4867	1.6172	0.4113	0.0150	22.1558	1.5625
2016-12-09 19:45:00	37.5568	44.4867	1.6708	0.4101	0.0154	22.1558	1.6143
2016-12-09 20:00:00	38.3567	44.4867	1.7064	0.7536	0.0289	22.1558	1.6487
2016-12-09 20:15:00	39.0853	44.4867	1.7388	2.7068	0.1058	22.1558	1.6800
2016-12-09 20:30:00	39.3827	44.4867	1.7520	1.6556	0.0652	22.1558	1.6928
2016-12-09 20:45:00 2016-12-09 21:00:00	39.1584	44.4867	1.7420 1.7037	0.8652 0.4534	0.0339 0.0174	22.1558 22.1558	1.6831
2016-12-09 21:00:00	38.2959	44.4867		0.4534			1.6460
2016-12-09 21:15:00 2016-12-09 21:30:00	38.2714	58.4473	2.2369 3.8047	0.3554	0.0136 0.0126	22.1558 22.1558	1.6450
2016-12-09 21:30:00 2016-12-09 21:45:00	38.4141 38.4852	99.0431 77.5512	3.8047 2.9846	0.3268	0.0126	22.1558	1.6511 1.6542
2016-12-09 21:45:00 2016-12-09 22:00:00	38.4852 38.4224	77.5512	2.9846	0.3268	0.0126	22.1558	1.6542
2016-12-09 22:00:00	38.4224	77.5512	2.7675	0.3268	0.0126	22.1558	1.6345
2016-12-09 22:30:00	38.2129	44.4867	1.7000	0.3268	0.0125	22.1558	1.6425
2016-12-09 22:45:00	37.9179	44.4867	1.6868	0.3268	0.0123	22.1558	1.6423
2016-12-09 23:00:00	37.1579	44.4867	1.6530	0.5356	0.0148	22.1558	1.5971
2016-12-09 23:15:00	36.6745	44.4867	1.6315	0.4408	0.0162	22.1558	1.5764
2016-12-09 23:30:00	36.6704	44.4867	1.6313	0.3308	0.0102	22.1558	1.5762
2016-12-09 23:45:00	36.0724	44.4867	1.6047	0.2737	0.0099	22.1558	1.5505
2016-12-10 00:00:00	35.7803	44.4867	1.5917	0.3389	0.0121	22.1558	1.5379
2016-12-10 00:15:00	35.0863	50.5118	1.7723	0.3504	0.0123	22.1558	1.5081
2016-12-10 00:30:00	35.2402	77.5512	2.7329	0.3342	0.0118	22.1558	1.5147
2016-12-10 00:45:00	35.4397	77.5512	2.7484	0.3269	0.0116	22.1558	1.5233
2016-12-10 01:00:00	34.9650	77.5512	2.7116	0.3305	0.0116	22.1558	1.5029
2016-12-10 01:15:00	34.6184	77.5512	2.6847	0.3495	0.0121	22.1558	1.4880
2016-12-10 01:30:00	34.9217	77.5512	2.7082	0.5026	0.0176	22.1558	1.5010
2016-12-10 01:45:00	34.8505	77.5512	2.7027	0.5381	0.0188	22.1558	1.4980
2016-12-10 02:00:00	34.7228	77.5512	2.6928	0.6599	0.0229	22.1558	1.4925
2016-12-10 02:15:00	34.8256	77.5512	2.7008	0.9979	0.0348	22.1558	1.4969
2016-12-10 02:30:00	35.1004	77.5512	2.7221	1.5383	0.0540	22.1558	1.5087
2016-12-10 02:45:00	34.9979	88.6680	3.1032	2.0237	0.0708	22.1558	1.5043
2016-12-10 03:00:00	35.0392	74.1944	2.5997	1.9783	0.0693	22.1558	1.5061
2016-12-10 03:15:00	35.0855	55.7286	1.9553	1.7566	0.0616	22.1558	1.5080
2016-12-10 03:30:00	35.1420	51.0996	1.7957	1.9874	0.0698	22.1558	1.5105
2016-12-10 03:45:00	35.1380	51.0996	1.7955	1.7992	0.0632	22.1558	1.5103
2016-12-10 04:00:00	34.9263	51.0996	1.7847	0.5707	0.0199	22.1558	1.5012
2016-12-10 04:15:00	34.8107	51.0996	1.7788	0.4301	0.0150	22.1558	1.4962
2016-12-10 04:30:00	34.9482	51.0996	1.7858	0.6946	0.0243	22.1558	1.5021
2016-12-10 04:45:00	34.7847	51.0996	1.7775	2.9484	0.1026	22.1558	1.4951
2016-12-10 05:00:00	34.8906	51.0996	1.7829	2.6165	0.0913	22.1558	1.4997
2016-12-10 05:15:00	34.4861	51.0996	1.7622	0.9881	0.0341	22.1558	1.4823
2016-12-10 05:30:00	34.5680	51.0996	1.7664	0.7370	0.0255	22.1558	1.4858
2016-12-10 05:45:00	34.3064	51.0996	1.7530	0.7711	0.0265	22.1558	1.4746
2016-12-10 06:00:00	34.0508	51.0996	1.7400	0.9750	0.0332	22.1558	1.4636
2016-12-10 06:15:00	34.0926	51.0996	1.7421	0.6320	0.0215	22.1558	1.4654
2016-12-10 06:30:00	34.0734	51.0996	1.7411	0.4170	0.0142	22.1558	1.4646
2016-12-10 06:45:00	34.1566	51.0996	1.7454	0.3521	0.0120	22.1558	1.4681
2016-12-10 07:00:00	34.0539	51.0996	1.7401	0.3533	0.0120	22.1558	1.4637
2016-12-10 07:15:00	34.2233	72.3343	2.4755	0.3572	0.0122	22.1558	1.4710
2016-12-10 07:30:00	34.2174	84.1641	2.8799	0.2911	0.0100	22.1558	1.4707
2016-12-10 07:45:00	34.1853	84.1641	2.8772	0.3364	0.0115	22.1558	1.4694
2016-12-10 08:00:00	33.7490	84.1641	2.8405	0.4051	0.0137	22.1558	1.4506
2016-12-10 08:15:00	34.0524	84.1641	2.8660	0.3422	0.0117	22.1558	1.4636
2016-12-10 08:30:00	33.9859	84.1641	2.8604	0.3380	0.0115	22.1558	1.4608
2016-12-10 08:45:00	33.9262	84.1641	2.8554	0.3370	0.0114	22.1558	1.4582
2016-12-10 09:00:00	34.2510	84.1641	2.8827	0.3451	0.0118	22.1558	1.4722
2016-12-10 09:15:00	34.0384	115.5018	3.9315	0.5638	0.0192	22.1558	1.4630
2016-12-10 09:30:00	33.6644	117.2285	3.9464	0.5738	0.0193	22.1558	1.4470
2016-12-10 09:45:00	33.4741	106.4642	3.5638	1.2669	0.0424	22.1558	1.4388
2016-12-10 10:00:00	33.4116	84.1641	2.8121	0.4971	0.0166	22.1558	1.4361
2016-12-10 10:15:00	33.6178	84.1641	2.8294	1.9549	0.0657	22.1558	1.4450
2016-12-10 10:30:00	33.6564	84.1641	2.8327	3.1520	0.1061	22.1558	1.4466
2016-12-10 10:45:00	33.7110	84.1641	2.8373	2.0643	0.0696	22.1558	1.4490

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-10 11:15:00	33.8322	84.1641	2.8475	1.3099	0.0443	22.1558	1.4542
2016-12-10 11:30:00	33.8195	84.1641	2.8464	3.2503	0.1099	22.1558	1.4536
2016-12-10 11:45:00	33.8332	84.1641	2.8475	4.2223	0.1429	22.1558	1.4542
2016-12-10 12:00:00	33.6382	84.1641	2.8311	1.6686	0.0561	22.1558	1.4458
2016-12-10 12:15:00	33.6355	84.1641	2.8309	2.4452	0.0822	22.1558	1.4457
2016-12-10 12:30:00	33.7347	84.1641	2.8392	4.5670	0.1541	22.1558	1.4500
2016-12-10 12:45:00 2016-12-10 13:00:00	33.5070 33.6831	84.1641	2.8201	2.2533 0.7281	0.0755 0.0245	22.1558	1.4402
2016-12-10 13:00:00	33.6834	84.1641 84.1641	2.8349 2.8349	0.7281	0.0245	22.1558 22.1558	1.4478 1.4478
2016-12-10 13:13:00	33.6485	84.1641	2.8349	0.6430	0.0287	22.1558	1.4463
2016-12-10 13:45:00	33.8541	84.1641	2.8493	0.5936	0.0210	22.1558	1.4551
2016-12-10 14:00:00	33.9935	84.1641	2.8610	0.7509	0.0255	22.1558	1.4611
2016-12-10 14:15:00	33.9265	84.1641	2.8554	1.3967	0.0474	22.1558	1.4582
2016-12-10 14:30:00	33.7273	84.1641	2.8386	1.5472	0.0522	22.1558	1.4497
2016-12-10 14:45:00	33.8447	84.1641	2.8485	0.9794	0.0331	22.1558	1.4547
2016-12-10 15:00:00	33.8274	84.1641	2.8470	1.9162	0.0648	22.1558	1.4540
2016-12-10 15:15:00	33.8136	84.1641	2.8459	1.2345	0.0417	22.1558	1.4534
2016-12-10 15:30:00	33.6380	84.1641	2.8311	2.0695	0.0696	22.1558	1.4458
2016-12-10 15:45:00	33.6520	84.1641	2.8323	1.1895	0.0400	22.1558	1.4464
2016-12-10 16:00:00	33.7987	84.1641	2.8446	1.8155	0.0614	22.1558	1.4527
2016-12-10 16:15:00	33.9311	84.1641	2.8558	2.2734	0.0771	22.1558	1.4584
2016-12-10 16:30:00	33.9111	84.1641	2.8541	1.3155	0.0446	22.1558	1.4576
2016-12-10 16:45:00	33.8941	84.1641	2.8527	1.2575	0.0426	22.1558	1.4568
2016-12-10 17:00:00	33.8859	84.1641	2.8520	0.6437	0.0218	22.1558	1.4565
2016-12-10 17:15:00	33.7162	84.1641	2.8377	1.2354	0.0417	22.1558	1.4492
2016-12-10 17:30:00	33.6417	84.1641	2.8314	0.9074	0.0305	22.1558	1.4460
2016-12-10 17:45:00	33.7245	84.1641	2.8384	0.4195	0.0141	22.1558	1.4496
2016-12-10 18:00:00 2016-12-10 18:15:00	33.7958 33.7663	84.1641 84.1641	2.8444 2.8419	0.5891 0.6005	0.0199 0.0203	22.1558 22.1558	1.4526 1.4513
2016-12-10 18:15:00	33.7810	84.1641	2.8419	1.4356	0.0203	22.1558	1.4513
2016-12-10 18:45:00	33.7946	70.9015	2.3961	3.7452	0.1266	22.1558	1.4526
2016-12-10 19:00:00	33.7309	51.0996	1.7236	4.7846	0.1614	22.1558	1.4498
2016-12-10 19:15:00	34.1749	51.0996	1.7463	1.0964	0.0375	22.1558	1.4689
2016-12-10 19:30:00	34.4234	51.0996	1.7590	0.5269	0.0181	22.1558	1.4796
2016-12-10 19:45:00	34.5196	51.0996	1.7639	0.4600	0.0159	22.1558	1.4837
2016-12-10 20:00:00	34.7334	51.0996	1.7749	0.4527	0.0157	22.1558	1.4929
2016-12-10 20:15:00	35.0852	51.0996	1.7928	4.4194	0.1551	22.1558	1.5080
2016-12-10 20:30:00	35.3949	51.0996	1.8087	11.2500	0.3982	22.1558	1.5214
2016-12-10 20:45:00	35.3648	51.0996	1.8071	11.2500	0.3979	22.1558	1.5201
2016-12-10 21:00:00	35.3268	51.0996	1.8052	11.2500	0.3974	22.1558	1.5184
2016-12-10 21:15:00	35.2116	51.0996	1.7993	11.2500	0.3961	22.1558	1.5135
2016-12-10 21:30:00	35.1637	51.0996	1.7969	11.2500	0.3956	22.1558	1.5114
2016-12-10 21:45:00	35.1089	51.0996	1.7941	11.2500	0.3950	22.1558	1.5091
2016-12-10 22:00:00	35.1326	51.0996	1.7953	11.2500	0.3952	22.1558	1.5101
2016-12-10 22:15:00	35.2153	51.0996	1.7995	10.6450	0.3749	22.1558 22.1558	1.5136
2016-12-10 22:30:00 2016-12-10 22:45:00	35.1317	51.0996 51.0996	1.7952 1.7823	6.8828	0.2418		1.5100
	34.8784			4.7582	0.1660 0.3785	22.1558	1.4992
2016-12-10 23:00:00 2016-12-10 23:15:00	34.8064 34.6762	51.0996 22.9461	1.7786 0.7957	10.8731 11.2500	0.3785	22.1558 22.1558	1.4961 1.4905
2016-12-10 23:30:00	34.4000	18.2355	0.6273	10.8453	0.3731	22.1558	1.4786
2016-12-10 23:45:00	34.3642	18.2355	0.6267	1.7736	0.0609	22.1558	1.4770
2016-12-11 00:00:00	34.3407	69.3686	2.3822	0.4721	0.0162	22.1558	1.4760
2016-12-11 00:15:00	34.4500	86.5719	2.9824	0.4272	0.0147	22.1558	1.4807
2016-12-11 00:30:00	34.4753	50.2446	1.7322	0.3627	0.0125	22.1558	1.4818
2016-12-11 00:45:00	35.0424	50.0977	1.7555	0.3427	0.0120	22.1558	1.5062
2016-12-11 01:00:00	34.8409	50.0977	1.7454	0.2996	0.0104	22.1558	1.4975
2016-12-11 01:15:00	34.8835	69.0858	2.4100	0.2753	0.0096	22.1558	1.4994
2016-12-11 01:30:00	34.8652	82.9617	2.8925	0.3170	0.0111	22.1558	1.4986
2016-12-11 01:45:00	34.8584	82.9617	2.8919	0.3229	0.0113	22.1558	1.4983
2016-12-11 02:00:00	34.9651	82.9617	2.9008	0.3221	0.0113	22.1558	1.5029
2016-12-11 02:15:00	34.8195	82.9617	2.8887	0.3097	0.0108	22.1558	1.4966
2016-12-11 02:30:00	34.6405	82.9617	2.8738	0.3011	0.0104	22.1558	1.4889
2016-12-11 02:45:00	34.3045	82.9617	2.8460	0.3087	0.0106	22.1558	1.4745
2016-12-11 03:00:00 2016-12-11 03:15:00	34.1474 34.3386	82.9617 82.9617	2.8329 2.8488	0.3234 0.3139	0.0110 0.0108	22.1558 22.1558	1.4677 1.4759
2016-12-11 03:15:00	34.3386 34.1810	82.9617 82.9617	2.8488	0.3139	0.0108	22.1558	1.4759
2016-12-11 03:45:00	34.0440	82.9617	2.8243	0.3214	0.0110	22.1558	1.4633
2016-12-11 04:00:00	34.0960	82.9617	2.8243	0.3214	0.0109	22.1558	1.4655
2016-12-11 04:05:00	33.8567	82.9617	2.8088	0.3214	0.0010	22.1558	1.4552
2016-12-11 04:30:00	34.1334	74.9283	2.5576	0.3124	0.0107	22.1558	1.4671
2016-12-11 04:45:00	34.3301	50.0977	1.7199	0.2999	0.0103	22.1558	1.4756
	34.4526	50.0977	1.7260	0.3042	0.0105	22.1558	1.4808
2016-12-11 05:00:00							
2016-12-11 05:00:00 2016-12-11 05:15:00	34.3703	50.0977	1.7219	0.2907	0.0100	22.1558	1.4773
				0.2907 0.3198	0.0100 0.0110		

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-11 06:00:00	34.3304	50.0977	1.7199	0.3033	0.0104	22.1558	1.4756
2016-12-11 06:15:00	34.5155	53.4041	1.8433	0.3189	0.0110	22.1558	1.4836
2016-12-11 06:30:00	34.4831	83.1621	2.8677	0.2660	0.0092	22.1558	1.4822
2016-12-11 06:45:00	34.7400	83.1621	2.8891	0.3135	0.0109	22.1558	1.4932
2016-12-11 07:00:00	34.4763	83.1621	2.8671	0.3396	0.0117	22.1558	1.4819
2016-12-11 07:15:00	34.4266	83.1621	2.8630	0.2992	0.0103	22.1558	1.4797
2016-12-11 07:30:00	34.2087	83.1621	2.8449	0.4439	0.0152	22.1558	1.4704
2016-12-11 07:45:00	34.2511	83.1621	2.8484	0.4428	0.0152	22.1558	1.4722
2016-12-11 08:00:00 2016-12-11 08:15:00	34.4894 34.3998	66.7501 5.0098	2.3022 0.1723	0.4013 1.9106	0.0138 0.0657	22.1558	1.4824 1.4786
2016-12-11 08:15:00	34.3338	5.0098	0.1723	0.7953	0.0637	22.1558 22.1558	1.4757
2016-12-11 08:45:00	33.9443	5.0098	0.1720	0.4997	0.0273	22.1558	1.4590
2016-12-11 09:00:00	34.1636	9.7203	0.3321	0.4215	0.0170	22.1558	1.4684
2016-12-11 09:15:00	33.9895	37.8738	1.2873	0.4024	0.0137	22.1558	1.4609
2016-12-11 09:30:00	33.7769	37.8738	1.2793	0.3461	0.0117	22.1558	1.4518
2016-12-11 09:45:00	33.4024	57.2536	1.9124	0.3387	0.0113	19.9426	1.2923
2016-12-11 10:00:00	33.5720	72.1406	2.4219	0.3479	0.0117	22.7051	1.4788
2016-12-11 10:15:00	33.6964	72.1406	2.4309	0.3501	0.0118	22.7051	1.4843
2016-12-11 10:30:00	34.0320	55.4614	1.8875	0.4078	0.0139	22.7051	1.4990
2016-12-11 10:45:00	33.7720	66.4095	2.2428	0.2809	0.0095	22.7051	1.4876
2016-12-11 11:00:00	33.8635	40.2151	1.3618	0.2682	0.0091	22.7051	1.4916
2016-12-11 11:15:00	33.7998	39.0762	1.3208	0.2730	0.0092	22.7051	1.4888
2016-12-11 11:30:00	33.4120	18.9069	0.6317	0.3618	0.0121	22.7051	1.4717
2016-12-11 11:45:00	33.4306	6.0117	0.2010	0.3359	0.0112	22.7051	1.4725
2016-12-11 12:00:00	33.2259	6.0117	0.1997	0.3424	0.0114	22.7051	1.4635
2016-12-11 12:15:00	33.2428	6.0117	0.1998	0.3995	0.0133	22.7051	1.4643
2016-12-11 12:30:00	33.1804	24.1604	0.8017	0.3373	0.0112	22.7051	1.4615
2016-12-11 12:45:00	33.0631	66.2336	2.1899	0.2975	0.0098	22.7051	1.4564
2016-12-11 13:00:00	33.0923	47.5716	1.5743	0.2828	0.0094	22.7051	1.4576
2016-12-11 13:15:00	32.7234	17.0332	0.5574	0.6460	0.0211	22.7051	1.4414
2016-12-11 13:30:00	32.4146	17.0332	0.5521	0.6571	0.0213	22.7051	1.4278
2016-12-11 13:45:00	32.2137	17.0332	0.5487	0.5258	0.0169	22.7051	1.4189
2016-12-11 14:00:00	32.2249	17.0332	0.5489	0.4104	0.0132	22.7051	1.4194
2016-12-11 14:15:00	32.1830	17.0332	0.5482	1.1312	0.0364	22.7051	1.4176
2016-12-11 14:30:00	32.2984	17.0332	0.5501	1.0206	0.0330	22.7051	1.4227
2016-12-11 14:45:00	32.3752	17.0332	0.5515	1.8004	0.0583	22.7051	1.4261
2016-12-11 15:00:00	32.4739	17.0332	0.5531	0.5739	0.0186	22.7051	1.4304
2016-12-11 15:15:00	32.4748	17.0332	0.5531	0.4193	0.0136	22.7051	1.4304
2016-12-11 15:30:00	32.4280	17.0332	0.5524	0.5352	0.0174	22.7051	1.4284
2016-12-11 15:45:00	32.4601	49.1057	1.5940	0.3319	0.0108	22.7051	1.4298
2016-12-11 16:00:00	32.6608	50.0977	1.6362	0.5125	0.0167	22.7051	1.4386
2016-12-11 16:15:00	32.8916	34.9247	1.1487	0.4767	0.0157	22.7051	1.4488
2016-12-11 16:30:00	32.8391	46.0874	1.5135	2.2651	0.0744	22.7051	1.4465
2016-12-11 16:45:00	32.7512	99.2573	3.2508	5.3823	0.1763	22.7051	1.4426
2016-12-11 17:00:00	32.1552	21.4418	0.6895	0.7458	0.0240	22.7051	1.4164
2016-12-11 17:15:00	32.0814	21.4418	0.6879	0.6393	0.0205	22.7051	1.4131
2016-12-11 17:30:00 2016-12-11 17:45:00	31.6534	21.4418	0.6787	0.6204	0.0196	22.7051	1.3943
2016-12-11 17:45:00	31.4650 31.6755	67.1246 63.5256	2.1121 2.0122	0.4603 0.4058	0.0145 0.0129	22.7051 22.7051	1.3860 1.3952
2016-12-11 18:00:00	31.5569	52.5591	1.6586	0.4300	0.0129	22.7051	1.3952
2016-12-11 18:15:00	31.1585	21.4418	0.6681	1.2228	0.0136	22.7051	1.3725
2016-12-11 18:45:00	31.2263	25.9973	0.8118	1.5374	0.0480	22.7051	1.3755
2016-12-11 19:00:00	31.1736	37.3127	1.1632	0.4479	0.0140	22.7051	1.3731
2016-12-11 19:15:00	31.1528	32.4633	1.0113	0.4642	0.0145	22.7051	1.3722
2016-12-11 19:30:00	31.2276	32.4633	1.0138	0.3215	0.0100	22.7051	1.3755
2016-12-11 19:45:00	31.2177	32.4633	1.0134	0.3279	0.0102	22.7051	1.3751
2016-12-11 20:00:00	31.3822	53.4408	1.6771	0.2890	0.0091	22.7051	1.3823
2016-12-11 20:15:00	31.5056	32.4633	1.0228	0.3140	0.0099	22.7051	1.3878
2016-12-11 20:30:00	31.3919	32.4633	1.0191	0.2669	0.0084	22.7051	1.3827
2016-12-11 20:45:00	31.6746	32.4633	1.0283	2.0788	0.0658	22.7051	1.3952
2016-12-11 21:00:00	31.6586	32.4633	1.0277	1.1167	0.0354	22.7051	1.3945
2016-12-11 21:15:00	31.8320	32.4633	1.0334	5.7039	0.1816	22.7051	1.4021
2016-12-11 21:30:00	31.7395	32.4633	1.0304	6.8281	0.2167	22.7051	1.3981
2016-12-11 21:45:00	31.6556	32.4633	1.0276	4.1356	0.1309	22.7051	1.3944
2016-12-11 22:00:00	31.5337	32.4633	1.0237	3.0309	0.0956	22.7051	1.3890
2016-12-11 22:15:00	31.6022	32.4633	1.0259	3.0867	0.0975	22.7051	1.3920
2016-12-11 22:30:00	31.5416	32.4633	1.0239	3.5332	0.1114	22.7051	1.3893
2016-12-11 22:45:00	31.9154	32.4633	1.0361	5.5763	0.1780	22.7051	1.4058
2016-12-11 23:00:00	31.9177	32.4633	1.0362	10.1206	0.3230	22.7051	1.4059
2016-12-11 23:15:00	31.8750	32.4633	1.0348	11.2239	0.3578	22.7051	1.4040
2016-12-11 23:30:00	31.9417	32.4633	1.0369	10.9238	0.3489	22.7051	1.4070
2016-12-11 23:45:00	32.1081	32.4633	1.0423	6.9577	0.2234	22.7051	1.4143
2016-12-12 00:00:00	32.2492	32.4633	1.0469	11.2500	0.3628	22.7051	1.4205
2016 12 12 00:15:00	32.3045	32.4633	1.0487	11.2500	0.3634	22.7051	1.4229
2016-12-12 00:15:00 2016-12-12 00:30:00	32.30 13	32.4033	1.0 .07				

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Оx	NH3		N2	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-12 00:45:00	32.0859	32.4633	1.0416	11.2500	0.3610	22.7051	1.4133
2016-12-12 01:00:00	31.8991	32.4633	1.0356	11.2500	0.3589	22.7051	1.4051
2016-12-12 01:15:00	32.0878	32.4633	1.0417	11.2500	0.3610	22.7051	1.4134
2016-12-12 01:30:00	32.0125	32.4633	1.0392	7.3933	0.2367	22.7051	1.4101
2016-12-12 01:45:00	32.0635	32.4633	1.0409	1.6136	0.0517	22.7051	1.4123
2016-12-12 02:00:00	32.1214	32.4633	1.0428	6.2835	0.2018	22.7051	1.4149
2016-12-12 02:15:00	32.0079	32.4633	1.0391	11.2500	0.3601	22.7051	1.4099
2016-12-12 02:30:00	32.0364	32.4633	1.0400	11.2500	0.3604	22.7051	1.4111
2016-12-12 02:45:00	31.8104	32.4633	1.0327	11.2500	0.3579	22.7051	1.4012
2016-12-12 03:00:00	31.5825	32.4633	1.0253	11.2500	0.3553	22.7051	1.3911
2016-12-12 03:15:00	31.5679	32.4633	1.0248	11.2500	0.3551	22.7051	1.3905
2016-12-12 03:30:00	31.6110	32.4633	1.0262	11.2500	0.3556	22.7051	1.3924
2016-12-12 03:45:00	31.5527	32.4633	1.0243	11.2500	0.3550	22.7051	1.3898
2016-12-12 04:00:00	31.7040	32.4633	1.0292	11.2500	0.3567	22.7051	1.3965
2016-12-12 04:15:00	31.5844	32.4633	1.0253	10.6817	0.3374	22.7051	1.3912
2016-12-12 04:30:00	31.6449	32.4633	1.0273	7.7346	0.2448	22.7051	1.3939
2016-12-12 04:45:00	31.6770	32.4633	1.0283 1.0330	11.2500	0.3564	22.7051 22.7051	1.3953 1.4016
2016-12-12 05:00:00	31.8200	32.4633	1.0330	11.2500 11.2500	0.3580	22.7051	
2016-12-12 05:15:00 2016-12-12 05:30:00	31.7461	32.4633			0.3571		1.3983
2016-12-12 05:30:00 2016-12-12 05:45:00	31.7155	32.4633	1.0296	11.2500	0.3568	22.7051 22.7051	1.3970
2016-12-12 05:45:00 2016-12-12 06:00:00	31.6926	32.4633 32.4633	1.0288 1.0340	11.2500 11.2500	0.3565 0.3583	22.7051 22.7051	1.3960 1.4030
2016-12-12 06:00:00	31.8520 31.8159	32.4633	1.0340	11.2500	0.3583	22.7051	1.4030
2016-12-12 06:15:00	31.7535	32.4633	1.0328	11.2500	0.3579	22.7051	1.4014
2016-12-12 06:45:00	31.7581	32.4633	1.0308	10.5654	0.3355	22.7051	1.3989
2016-12-12 06:45:00	31.7815	32.4633	1.0310	2.8983	0.3353	22.7051	1.3989
2016-12-12 07:00:00	31.7708	66.3360	2.1075	0.5075	0.0161	22.7051	1.3994
2016-12-12 07:30:00	20.0293	77.8938	1.5602	0.8469	0.0101	26.2466	1.0199
2016-12-12 07:45:00	0.0000	109.3752	0.0000	8.7286	0.0000	37.8113	0.0000
2016-12-12 08:00:00	0.0000	547.9886	0.0000	11.1731	0.0000	76.1847	0.0000
2016-12-12 08:15:00	0.0000	405.6730	0.0000	11.1731	0.0000	85.9955	0.0000
2016-12-12 08:30:00	0.0000	315.8089	0.0000	11.1731	0.0000	44.1812	0.0000
2016-12-12 08:45:00	0.0000	303.3783	0.0000	11.1731	0.0000	23.1628	0.0000
2016-12-12 09:00:00	0.0000	326.1691	0.0000	11.1731	0.0000	23.1628	0.0000
2016-12-12 09:15:00	0.0000	257.1012	0.0000	11.1731	0.0000	23.1628	0.0000
2016-12-12 09:30:00	0.0000	257.1012	0.0000	11.1731	0.0000	23.1628	0.0000
2016-12-12 09:45:00	0.0000	257.1012	0.0000	11.1731	0.0000	23.1628	0.0000
2016-12-12 10:00:00	0.0000	257.1012	0.0000	11.1731	0.0000	23.1628	0.0000
2016-12-12 10:15:00	0.0000	257.1012	0.0000	10.5127	0.0000	23.1628	0.0000
2016-12-12 10:30:00	0.0000	257.1012	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 10:45:00	0.0000	232.1191	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 11:00:00	0.0000	224.0367	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 11:15:00	0.0000	224.0367	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 11:30:00	0.0000	224.0367	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 11:45:00	0.0000	224.0367	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 12:00:00	0.0000	224.0367	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 12:15:00	0.0000	224.0367	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 12:30:00	0.0000	206.0350	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 12:45:00	0.0000	190.9723	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 13:00:00	0.0000	186.3800	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 13:15:00	0.0000	157.9078	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 13:30:00	0.0000	157.9078	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 13:45:00	0.0000	157.9078	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 14:00:00	0.0000	157.9078	0.0000	11.2500	0.0000	23.1628	0.0000
2016-12-12 14:15:00	0.0000	157.9078	0.0000	11.2500	0.0000	20.5612	0.0000
2016-12-12 14:30:00	0.0000	138.6202	0.0000	11.2500	0.0000	8.0566	0.0000
2016-12-12 14:45:00	0.0000	124.8434	0.0000	11.2500	0.0000	8.0566	0.0000
2016-12-12 15:00:00	0.0000	124.8434	0.0000	11.2500	0.0000	8.0566	0.0000
2016-12-12 15:15:00	0.0000	124.8434	0.0000	11.2500	0.0000	8.0566	0.0000
2016-12-12 15:30:00	0.0000	124.8434	0.0000	10.8809	0.0000	8.0566	0.0000
2016-12-12 15:45:00	0.0000	124.8434	0.0000	8.6078	0.0000	8.0566	0.0000
2016-12-12 16:00:00	0.0000	124.8434	0.0000	7.1103	0.0000	8.0566	0.0000
2016-12-12 16:15:00	0.0000	114.9608	0.0000	5.8180	0.0000	8.0566	0.0000
2016-12-12 16:30:00	0.0000	91.7789	0.0000	4.4466	0.0000	8.0566	0.0000
2016-12-12 16:45:00	0.0000	91.7789	0.0000	3.7635	0.0000	8.0566	0.0000
2016-12-12 17:00:00	0.0000	91.7789	0.0000	3.0224	0.0000	8.0566	0.0000
2016-12-12 17:15:00	0.0000	91.7789	0.0000	1.8596	0.0000	8.0566	0.0000
2016-12-12 17:30:00	0.0000	91.7789	0.0000	2.2011	0.0000	8.0566	0.0000
2016-12-12 17:45:00	0.0000	91.7789	0.0000	2.0800	0.0000	8.0566	0.0000
2016-12-12 18:00:00	0.0000	91.7789	0.0000	2.0803	0.0000	8.0566	0.0000
2016-12-12 18:15:00	0.0000	91.7789	0.0000	2.1174	0.0000	8.0566	0.0000
2016-12-12 18:30:00	0.0000	91.7789	0.0000	2.0585	0.0000	8.0566	0.0000
2016-12-12 18:45:00	0.0000	91.7789	0.0000	2.1362	0.0000	8.0566	0.0000
2016-12-12 19:00:00	0.0000	91.7789	0.0000	2.1362 2.0704	0.0000	8.0566	0.0000
		91.7789	0.0000			8.0566	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-12 19:30:00	0.0000	91.7789	0.0000	2.0202	0.0000	8.0566	0.0000
2016-12-12 19:45:00	0.0000	91.7789	0.0000	2.0187	0.0000	8.0566	0.0000
2016-12-12 20:00:00	0.0000	91.7789	0.0000	1.9475	0.0000	8.0566	0.0000
2016-12-12 20:15:00	0.0000	91.7789	0.0000	1.6763	0.0000	8.0566	0.0000
2016-12-12 20:30:00 2016-12-12 20:45:00	0.0000 0.0000	91.7789 91.7789	0.0000 0.0000	1.8548 1.7656	0.0000 0.0000	8.0566 8.0566	0.0000
2016-12-12 20:45:00	0.0000	91.7789	0.0000	1.6768	0.0000	8.0566	0.0000
2016-12-12 21:00:00	0.0000	91.7789	0.0000	1.5809	0.0000	8.0566	0.0000
2016-12-12 21:13:00	0.0000	91.7789	0.0000	1.4461	0.0000	8.0566	0.0000
2016-12-12 21:45:00	0.0000	91.7789	0.0000	1.4461	0.0000	8.0566	0.0000
2016-12-12 22:00:00	0.0000	91.7789	0.0000	1.4000	0.0000	8.0566	0.0000
2016-12-12 22:15:00	0.0000	91.7789	0.0000	1.3335	0.0000	8.0566	0.0000
2016-12-12 22:30:00	0.0000	91.7789	0.0000	1.4962	0.0000	8.0566	0.0000
2016-12-12 22:45:00	0.0000	91.7789	0.0000	1.9958	0.0000	8.0566	0.0000
2016-12-12 23:00:00	0.0000	91.7789	0.0000	2.1418	0.0000	8.0566	0.0000
2016-12-12 23:15:00	0.0000	91.7789	0.0000	1.9135	0.0000	8.0566	0.0000
2016-12-12 23:30:00	0.0000	91.7789	0.0000	1.5262	0.0000	8.0566	0.0000
2016-12-12 23:45:00	0.0000	91.7789	0.0000	1.3499	0.0000	8.0566	0.0000
2016-12-13 00:00:00	0.0000	91.7789	0.0000	1.1831	0.0000	8.0566	0.0000
2016-12-13 00:15:00	0.0000	91.7789	0.0000	1.1734	0.0000	8.0566	0.0000
2016-12-13 00:30:00	0.0000	91.7789	0.0000	1.1563	0.0000	8.0566	0.0000
2016-12-13 00:45:00	0.0000	91.7789	0.0000	1.2689	0.0000	8.0566	0.0000
2016-12-13 01:00:00	0.0000	91.7789	0.0000	1.2663	0.0000	8.0566	0.0000
2016-12-13 01:15:00	0.0000	91.7789	0.0000	1.2563	0.0000	8.0566	0.0000
2016-12-13 01:30:00	0.0000	91.7789	0.0000	1.2887	0.0000	8.0566	0.0000
2016-12-13 01:45:00	0.0000	91.7789	0.0000	1.2133	0.0000	8.0566	0.0000
2016-12-13 02:00:00	0.0000	91.7789	0.0000	1.2133	0.0000	8.0566	0.0000
2016-12-13 02:15:00	0.0000	91.7789	0.0000	1.2133	0.0000	8.0566	0.0000
2016-12-13 02:30:00	0.0000	91.7789	0.0000	1.2133	0.0000	8.0566	0.0000
2016-12-13 02:45:00	0.0000	91.7789	0.0000	1.2220	0.0000	8.0566	0.0000
2016-12-13 03:00:00	0.0000	91.7789	0.0000	1.3117	0.0000	8.0566	0.0000
2016-12-13 03:15:00	0.0000	91.7789	0.0000	1.2565	0.0000	8.0566	0.0000
2016-12-13 03:30:00	0.0000	91.7789	0.0000	1.1620	0.0000	8.0566	0.0000
2016-12-13 03:45:00	0.0000	91.7789	0.0000	1.2063	0.0000	8.0566	0.0000
2016-12-13 04:00:00	0.0000	91.7789	0.0000	1.2229	0.0000	8.0566	0.0000
2016-12-13 04:15:00	0.0000	91.7789	0.0000	1.2229	0.0000	8.0566	0.0000
2016-12-13 04:30:00	0.0000	91.7789	0.0000	1.2457	0.0000	8.0566	0.0000
2016-12-13 04:45:00	0.0000	91.7789	0.0000	1.2808	0.0000	8.0566	0.0000
2016-12-13 05:00:00	0.0000	91.7789	0.0000	1.2818	0.0000	8.0566	0.0000
2016-12-13 05:15:00 2016-12-13 05:30:00	0.0000	91.7789	0.0000	1.2957	0.0000	8.0566 8.0566	0.0000
	0.0000 0.0000	91.7789 91.7789	0.0000 0.0000	1.2066 1.2577	0.0000 0.0000	8.0566 8.0566	0.0000
2016-12-13 05:45:00 2016-12-13 06:00:00	0.0000	91.7789	0.0000	1.25//	0.0000	8.0566 8.0566	0.0000
2016-12-13 06:00:00	0.0000	91.7789	0.0000	1.1852	0.0000	8.0566	0.0000
2016-12-13 06:15:00	0.0000	91.7789	0.0000	1.1852	0.0000	8.0566	0.0000
2016-12-13 06:30:00	0.0000	91.7789	0.0000	1.1852	0.0000	8.0566	0.0000
2016-12-13 00:43:00	0.0000	91.7789	0.0000	1.1852	0.0000	8.0566	0.0000
2016-12-13 07:00:00	0.0000	91.7789	0.0000	1.0785	0.0000	8.0566	0.0000
2016-12-13 07:15:00	0.0000	91.7789	0.0000	1.1643	0.0000	8.0566	0.0000
2016-12-13 07:30:00	0.0000	91.7789	0.0000	1.1121	0.0000	8.0566	0.0000
2016-12-13 08:00:00	0.0000	91.7789	0.0000	1.0805	0.0000	8.0566	0.0000
2016-12-13 08:00:00	0.0000	91.7789	0.0000	0.9682	0.0000	8.0566	0.0000
2016-12-13 08:30:00	0.0000	91.7789	0.0000	0.9716	0.0000	8.0566	0.0000
2016-12-13 08:45:00	0.0000	91.7789	0.0000	1.1144	0.0000	8.0566	0.0000
2016-12-13 09:00:00	0.0000	91.7789	0.0000	1.2832	0.0000	8.0566	0.0000
2016-12-13 09:15:00	0.0000	91.7789	0.0000	1.4240	0.0000	8.0566	0.0000
2016-12-13 09:30:00	0.0000	91.7789	0.0000	1.4501	0.0000	8.0566	0.0000
2016-12-13 09:45:00	0.0000	91.7789	0.0000	1.4320	0.0000	8.0566	0.0000
2016-12-13 10:00:00	0.0000	91.7789	0.0000	1.4081	0.0000	8.0566	0.0000
2016-12-13 10:15:00	0.0000	91.7789	0.0000	1.4370	0.0000	8.0566	0.0000
2016-12-13 10:30:00	0.0000	91.7789	0.0000	1.4090	0.0000	8.0566	0.0000
2016-12-13 10:45:00	0.0000	91.7789	0.0000	1.4090	0.0000	8.0566	0.0000
2016-12-13 11:00:00	0.0000	91.7789	0.0000	1.4359	0.0000	8.0566	0.0000
2016-12-13 11:15:00	0.0000	91.7789	0.0000	1.4663	0.0000	8.0566	0.0000
2016-12-13 11:30:00	0.0000	91.7789	0.0000	1.3681	0.0000	8.0566	0.0000
2016-12-13 11:45:00	0.0187	91.7789	0.0017	1.2636	0.0000	8.0566	0.0003
2016-12-13 12:00:00	0.0000	91.7789	0.0000	1.1446	0.0000	8.0566	0.0000
2016-12-13 12:15:00	0.0000	91.7789	0.0000	1.1363	0.0000	8.0566	0.0000
2016-12-13 12:30:00	0.0000	91.7789	0.0000	1.3310	0.0000	8.0566	0.0000
	0.0000	91.7789	0.0000	1.5278	0.0000	8.0566	0.0000
2016-12-13 12:45:00	0.0000				0.0000		
2016-12-13 12:45:00 2016-12-13 13:00:00	0.0187	91.7789	0.0017	1.0186	0.0000	8.0566	0.0003
		91.7789 91.7789	0.0017 0.0018	1.0186 1.0503	0.0000	8.0566 8.0566	0.0003 0.0003
2016-12-13 13:00:00 2016-12-13 13:15:00 2016-12-13 13:30:00	0.0187 0.0195 0.0185	91.7789 91.7789	0.0018 0.0017	1.0503 0.2580	0.0000 0.0000	8.0566 8.0566	0.0003 0.0003
2016-12-13 13:00:00 2016-12-13 13:15:00	0.0187 0.0195	91.7789	0.0018	1.0503	0.0000	8.0566	0.0003

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-13 14:15:00	0.0223	91.7789	0.0020	0.1132	0.0000	8.0566	0.0003
2016-12-13 14:30:00	0.0000	91.7789	0.0000	0.1642	0.0000	8.0566	0.0000
2016-12-13 14:45:00	0.0444	91.7789	0.0041	0.0611	0.0000	8.0566	0.0007
2016-12-13 15:00:00	0.0000	91.7789	0.0000	0.0611	0.0000	8.0566	0.0000
2016-12-13 15:15:00	0.0000	91.7789	0.0000	0.0649	0.0000	8.0566	0.0000
2016-12-13 15:30:00	0.0229	91.7789	0.0021	0.9498	0.0000	8.0566	0.0004
2016-12-13 15:45:00	0.0182	91.7789	0.0017	0.4551 0.7328	0.0000	8.0566	0.0003 0.0032
2016-12-13 16:00:00 2016-12-13 16:15:00	0.2073 0.1936	91.7789 91.7789	0.0190 0.0178	0.7328	0.0002 0.0001	8.0566 8.0566	0.0032
2016-12-13 16:15:00	0.1936		0.0178	0.5267	0.0001	8.0566 8.0566	0.0030
2016-12-13 16:30:00		91.7789 91.7789	0.0091		0.0001	8.0566 8.0566	0.0016
	0.1566		0.0144	0.5267 0.5267	0.0001	8.0566	0.0024
2016-12-13 17:00:00	0.0244	91.7789 91.7789	0.0022	0.5267	0.0000	8.0566 8.0566	0.0004
2016-12-13 17:15:00 2016-12-13 17:30:00	0.0183 0.0442	91.7789	0.0017	0.3267	0.0000	8.0566	0.0003
2016-12-13 17:30:00	0.0000	91.7789	0.0000	0.0824	0.0000	8.0566	0.0007
2016-12-13 17:43:00	0.0896	91.7789	0.0082	0.5131	0.0000	8.0566	0.0000
2016-12-13 18:00:00	0.0000	91.7789	0.0082	0.0842	0.0000	8.0566	0.0014
2016-12-13 18:13:00	0.0000	91.7789	0.0000	0.0842	0.0000	8.0566	0.0000
2016-12-13 18:45:00	0.0191	91.7789	0.0000	0.7672	0.0000	8.0566	0.0003
2016-12-13 18:43:00	0.0000	91.7789	0.0000	0.7808	0.0000	8.0566	0.0003
2016-12-13 19:00:00	0.0188	91.7789	0.0000	0.7808	0.0000	8.0566	0.0003
2016-12-13 19:30:00	0.0000	91.7789	0.0007	1.1714	0.0000	8.0566	0.0003
2016-12-13 19:45:00	0.0411	91.7789	0.0038	0.9755	0.0000	8.0566	0.0006
2016-12-13 19:43:00	0.0000	91.7789	0.0000	0.7634	0.0000	8.0566	0.0000
2016-12-13 20:15:00	0.0000	91.7789	0.0000	0.6765	0.0000	8.0566	0.0000
2016-12-13 20:30:00	0.0000	91.7789	0.0000	0.7044	0.0000	8.0566	0.0000
2016-12-13 20:45:00	0.0000	91.7789	0.0000	0.6102	0.0000	8.0566	0.0000
2016-12-13 21:00:00	0.0000	91.7789	0.0000	0.5768	0.0000	8.0566	0.0000
2016-12-13 21:15:00	0.0000	91.7789	0.0000	0.2458	0.0000	8.0566	0.0000
2016-12-13 21:30:00	0.0000	91.7789	0.0000	0.4275	0.0000	8.0566	0.0000
2016-12-13 21:45:00	0.0374	91.7789	0.0034	0.3182	0.0000	8.0566	0.0006
2016-12-13 22:00:00	0.0000	91.7789	0.0000	0.4251	0.0000	8.0566	0.0000
2016-12-13 22:15:00	0.0217	91.7789	0.0020	0.3383	0.0000	8.0566	0.0003
2016-12-13 22:30:00	0.1030	91.7789	0.0094	0.4647	0.0000	8.0566	0.0016
2016-12-13 22:45:00	0.0396	91.7789	0.0036	0.4906	0.0000	8.0566	0.0006
2016-12-13 23:00:00	0.1270	91.7789	0.0117	0.4935	0.0001	8.0566	0.0020
2016-12-13 23:15:00	0.0812	91.7789	0.0075	0.6482	0.0001	8.0566	0.0013
2016-12-13 23:30:00	0.0421	91.7789	0.0039	0.3866	0.0000	8.0566	0.0007
2016-12-13 23:45:00	0.0394	91.7789	0.0036	0.4139	0.0000	8.0566	0.0006
2016-12-14 00:00:00	0.0383	91.7789	0.0035	0.3352	0.0000	8.0566	0.0006
2016-12-14 00:15:00	0.0180	91.7789	0.0016	0.3079	0.0000	8.0566	0.0003
2016-12-14 00:30:00	0.0378	91.7789	0.0035	0.7728	0.0000	8.0566	0.0006
2016-12-14 00:45:00	0.0597	91.7789	0.0055	0.6007	0.0000	8.0566	0.0009
2016-12-14 01:00:00	0.1827	91.7789	0.0168	0.7364	0.0001	8.0566	0.0029
2016-12-14 01:15:00	0.0362	91.7789	0.0033	0.5550	0.0000	8.0566	0.0006
2016-12-14 01:30:00	0.0000	91.7789	0.0000	0.3594	0.0000	8.0566	0.0000
2016-12-14 01:45:00	0.0215	91.7789	0.0020	0.6483	0.0000	8.0566	0.0003
2016-12-14 02:00:00	0.0592	91.7789	0.0054	0.6896	0.0000	8.0566	0.0009
2016-12-14 02:15:00	0.0000	91.7789	0.0000	0.6202	0.0000	8.0566	0.0000
2016-12-14 02:30:00	0.0789	91.7789	0.0072	0.7126	0.0001	8.0566	0.0012
2016-12-14 02:45:00	0.1177	91.7789	0.0108	0.8782	0.0001	8.0566	0.0018
2016-12-14 03:00:00	0.1372	91.7789	0.0126	0.9673	0.0001	8.0566	0.0021
2016-12-14 03:15:00	0.0590	91.7789	0.0054	0.9867	0.0001	8.0566	0.0009
2016-12-14 03:30:00	0.0618	91.7789	0.0057	0.9757	0.0001	8.0566	0.0010
2016-12-14 03:45:00	0.1426	91.7789	0.0131	0.8174	0.0001	8.0566	0.0022
2016-12-14 04:00:00	0.1778	91.7789	0.0163	0.8288	0.0001	8.0566	0.0028
2016-12-14 04:15:00	0.0398	91.7789	0.0037	0.8666	0.0000	8.0566	0.0006
2016-12-14 04:30:00	0.3088	91.7789	0.0283	0.8152	0.0003	8.0566	0.0048
2016-12-14 04:45:00	0.3537	91.7789	0.0325	0.9407	0.0003	8.0566	0.0055
2016-12-14 05:00:00	0.1512	91.7789	0.0139	0.9407	0.0001	8.0566	0.0024
2016-12-14 05:15:00	0.0191	91.7789	0.0018	0.9407	0.0000	8.0566	0.0003
2016-12-14 05:30:00	0.0372	91.7789	0.0034	0.9407	0.0000	8.0566	0.0006
2016-12-14 05:45:00	0.0189	91.7789	0.0017	0.9407	0.0000	8.0566	0.0003
2016-12-14 06:00:00	0.5998	91.7789	0.0551	0.9407	0.0006	8.0566	0.0094
2016-12-14 06:15:00	0.2075	91.7789	0.0190	0.9407	0.0002	8.0566	0.0032
2016-12-14 06:30:00	1.3508	91.7789	0.1240	0.9407	0.0013	8.0566	0.0211
2016-12-14 06:45:00	2.3499	91.7789	0.2157	0.9407	0.0022	8.0566	0.0367
1		91.7789	0.2219	1.0833	0.0026	8.0566	0.0378
2016-12-14 07:00:00	2.4177		0.2764	1.0408	0.0031	8.0566	0.0471
2016-12-14 07:15:00	3.0121	91.7789	0.2764				
2016-12-14 07:15:00 2016-12-14 07:30:00	3.0121 1.5487	91.7789	0.1421	0.8017	0.0012	8.0566	0.0242
2016-12-14 07:15:00 2016-12-14 07:30:00 2016-12-14 07:45:00	3.0121 1.5487 0.3033	91.7789 91.7789	0.1421 0.0278	0.8017 0.6182	0.0002	8.0566 8.0566	0.0242 0.0047
2016-12-14 07:15:00 2016-12-14 07:30:00 2016-12-14 07:45:00 2016-12-14 08:00:00	3.0121 1.5487 0.3033 0.0282	91.7789 91.7789 91.7789	0.1421 0.0278 0.0026	0.8017 0.6182 0.5981	0.0002 0.0000	8.0566 8.0566 8.0566	0.0242 0.0047 0.0004
2016-12-14 07:15:00 2016-12-14 07:30:00 2016-12-14 07:45:00 2016-12-14 08:00:00 2016-12-14 08:15:00	3.0121 1.5487 0.3033 0.0282 0.0000	91.7789 91.7789 91.7789 91.7789	0.1421 0.0278 0.0026 0.0000	0.8017 0.6182 0.5981 0.7456	0.0002 0.0000 0.0000	8.0566 8.0566 8.0566 8.0566	0.0242 0.0047 0.0004 0.0000
2016-12-14 07:15:00 2016-12-14 07:30:00 2016-12-14 07:45:00 2016-12-14 08:00:00	3.0121 1.5487 0.3033 0.0282	91.7789 91.7789 91.7789	0.1421 0.0278 0.0026	0.8017 0.6182 0.5981	0.0002 0.0000	8.0566 8.0566 8.0566	0.0242 0.0047 0.0004

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-14 09:00:00	0.0000	91.7789	0.0000	0.8281	0.0000	8.0566	0.0000
2016-12-14 09:15:00	0.0000	91.7789	0.0000	0.8369	0.0000	8.0566	0.0000
2016-12-14 09:30:00	0.0000	91.7789	0.0000	0.9448	0.0000	8.0566	0.0000
2016-12-14 09:45:00	0.0000	91.7789	0.0000	0.9448	0.0000	8.0566	0.0000
2016-12-14 10:00:00	0.0000	91.7789	0.0000	0.8368	0.0000	8.0566	0.0000
2016-12-14 10:15:00	0.0000	91.7789	0.0000	0.8308	0.0000	8.0566	0.0000
2016-12-14 10:30:00	0.0000	91.7789	0.0000	0.8308 0.8308	0.0000	8.0566	0.0000
2016-12-14 10:45:00 2016-12-14 11:00:00	0.0000 0.0197	91.7789 91.7789	0.0000 0.0018	0.8308	0.0000 0.0000	8.0566 8.0566	0.0000 0.0003
	0.0000	91.7789	0.0018	0.7944	0.0000	8.0566	0.0003
2016-12-14 11:15:00 2016-12-14 11:30:00	0.0483	91.7789	0.0044	0.6015	0.0000	8.0566	0.0008
2016-12-14 11:45:00	0.0483	91.7789	0.0074	0.6015	0.0000	8.0566	0.0008
2016-12-14 11:43:00	0.0700	91.7789	0.0064	0.6729	0.0000	8.0566	0.0013
2016-12-14 12:05:00	0.0210	91.7789	0.0019	0.7169	0.0000	8.0566	0.0001
2016-12-14 12:30:00	0.0638	91.7789	0.0019	0.7169	0.0000	8.0566	0.0010
2016-12-14 12:45:00	0.2110	91.7789	0.0194	0.7169	0.0002	8.0566	0.0033
2016-12-14 13:00:00	0.1500	91.7789	0.0138	0.7169	0.0001	8.0566	0.0023
2016-12-14 13:15:00	0.8467	91.7789	0.0777	0.7169	0.0006	8.0566	0.0132
2016-12-14 13:30:00	1.1267	91.7789	0.1034	0.7169	0.0008	8.0566	0.0176
2016-12-14 13:45:00	1.1439	91.7789	0.1050	0.6577	0.0008	8.0566	0.0179
2016-12-14 14:00:00	1.0815	91.7789	0.0993	0.6029	0.0007	8.0566	0.0169
2016-12-14 14:15:00	1.0382	91.7789	0.0953	0.5476	0.0006	8.0566	0.0162
2016-12-14 14:30:00	1.1430	91.7789	0.1049	0.4903	0.0006	8.0566	0.0179
2016-12-14 14:45:00	1.1818	80.5003	0.0951	0.4903	0.0006	8.0566	0.0185
2016-12-14 15:00:00	0.6288	58.7145	0.0369	0.4903	0.0003	8.0566	0.0098
2016-12-14 15:15:00	0.5605	58.7145	0.0329	0.4903	0.0003	8.0566	0.0088
2016-12-14 15:30:00	0.5717	58.7145	0.0336	0.4903	0.0003	8.0566	0.0089
2016-12-14 15:45:00	0.8260	58.7145	0.0485	0.4062	0.0003	8.0566	0.0129
2016-12-14 16:00:00	0.6316	58.7145	0.0371	0.4930	0.0003	8.0566	0.0099
2016-12-14 16:15:00	0.2114	58.7145	0.0124	0.4930	0.0001	8.0566	0.0033
2016-12-14 16:30:00	0.0864	58.7145	0.0051	0.6262	0.0001	8.0566	0.0014
2016-12-14 16:45:00	0.1061	58.7145	0.0062	0.7862	0.0001	8.0566	0.0017
2016-12-14 17:00:00	0.1344	58.7145	0.0079	0.9482	0.0001	8.0566	0.0021
2016-12-14 17:15:00	0.0746	58.7145	0.0044	1.0629	0.0001	8.0566	0.0012
2016-12-14 17:30:00	0.0839	58.7145	0.0049	1.0629	0.0001	8.0566	0.0013
2016-12-14 17:45:00	0.0434	58.7145	0.0025	1.1741	0.0001	8.0566	0.0007
2016-12-14 18:00:00	0.0645	58.7145	0.0038	1.1783	0.0001	8.0566	0.0010
2016-12-14 18:15:00	0.0190	58.7145	0.0011	1.1130	0.0000	8.0566	0.0003
2016-12-14 18:30:00	0.0000	58.7145	0.0000	0.9012	0.0000	8.0566	0.0000
2016-12-14 18:45:00	0.0829	58.7145	0.0049	0.7332	0.0001	8.0566	0.0013
2016-12-14 19:00:00	0.0189	58.7145	0.0011	0.6528	0.0000	8.0566	0.0003
2016-12-14 19:15:00	0.0185	58.7145	0.0011	0.5988	0.0000	8.0566	0.0003
2016-12-14 19:30:00	0.0192	58.7145	0.0011	0.5988	0.0000	8.0566	0.0003
2016-12-14 19:45:00	0.1009	58.7145	0.0059	0.5988	0.0001	8.0566	0.0016
2016-12-14 20:00:00	0.0784	58.7145	0.0046	0.5988	0.0000	8.0566	0.0012
2016-12-14 20:15:00	0.0581	58.7145	0.0034	0.5988	0.0000	8.0566	0.0009
2016-12-14 20:30:00	0.0626	58.7145	0.0037	0.5988	0.0000	8.0566	0.0010
2016-12-14 20:45:00	0.1034	58.7145	0.0061	0.5988	0.0001	8.0566	0.0016
2016-12-14 21:00:00	0.2938	58.7145	0.0173	0.4973	0.0001	8.0566	0.0046
2016-12-14 21:15:00	0.3567	58.7145	0.0209	0.4855	0.0002	8.0566	0.0056
2016-12-14 21:30:00	0.2170	58.7145	0.0127	0.4855	0.0001	8.0566	0.0034
2016-12-14 21:45:00	0.1786	58.7145	0.0105	0.4309	0.0001	8.0566	0.0028
2016-12-14 22:00:00	0.1770	58.7145	0.0104	0.3728	0.0001	8.0566	0.0028
2016-12-14 22:15:00	0.1616	58.7145	0.0095	0.3728	0.0001	8.0566	0.0025
2016-12-14 22:30:00	0.0898	58.7145	0.0053	0.3728	0.0000	8.0566	0.0014
2016-12-14 22:45:00	0.1239	58.7145	0.0073	0.4702	0.0001	8.0566	0.0019
2016-12-14 23:00:00	0.1038	58.7145	0.0061	0.3172	0.0000	8.0566	0.0016
2016-12-14 23:15:00	0.4215	58.7145	0.0248	0.3172	0.0001	8.0566	0.0066
2016-12-14 23:30:00	0.2336	58.7145	0.0137	0.3172	0.0001	8.0566	0.0037
2016-12-14 23:45:00	0.3996	58.7145	0.0235	0.3172	0.0001	8.0566	0.0062
2016-12-15 00:00:00	0.2322	58.7145	0.0136	0.3172	0.0001	8.0566	0.0036
2016-12-15 00:15:00	0.2172	58.7145	0.0128	0.3172	0.0001	8.0566	0.0034
2016-12-15 00:30:00	0.2176	58.7145	0.0128	0.3172	0.0001	8.0566	0.0034
2016-12-15 00:45:00	0.5546	58.7145	0.0326	0.3172	0.0002	8.0566	0.0087
2016-12-15 01:00:00	0.8115	58.7145	0.0476	0.3172	0.0003	8.0566	0.0127
2016-12-15 01:15:00	0.3962	58.7145	0.0233	0.3172	0.0001	8.0566	0.0062
2016-12-15 01:30:00	0.5557	58.7145	0.0326	0.3172	0.0002	8.0566	0.0087
2016-12-15 01:45:00	0.6318	58.7145	0.0371	0.3172	0.0002	8.0566	0.0099
2016-12-15 02:00:00	0.7194	58.7145	0.0422	0.3172	0.0002	8.0566	0.0112
2016-12-15 02:15:00	1.0557	58.7145	0.0620	0.3172	0.0003	8.0566	0.0165
2016-12-15 02:30:00	0.9399	58.7145	0.0552	0.3172	0.0003	8.0566	0.0147
2016-12-15 02:45:00	1.4531	58.7145	0.0853	0.3172	0.0005	8.0566	0.0227
2016-12-15 03:00:00	1.4439	58.7145	0.0848	0.3172	0.0005	8.0566	0.0226
2016-12-15 03:15:00	1.0754	58.7145	0.0631	0.3172	0.0003	8.0566	0.0168
2016-12-15 03:30:00	1.4323	58.7145	0.0841	0.3260	0.0005	8.0566	0.0224

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-15 03:45:00	1.8462	58.7145	0.1084	0.4298	0.0008	8.0566	0.0289
2016-12-15 04:00:00	1.7318	58.7145	0.1017	0.4298	0.0007	8.0566	0.0271
2016-12-15 04:15:00	2.1068	58.7145	0.1237	0.4298	0.0009	8.0566	0.0329
2016-12-15 04:30:00	2.5665	58.7145	0.1507	0.4298	0.0011	8.0566	0.0401
2016-12-15 04:45:00	3.8133	58.7145	0.2239	0.4486	0.0017	8.0566	0.0596
2016-12-15 05:00:00	3.3856	58.7145	0.1988	0.5424	0.0018	8.0566	0.0529
2016-12-15 05:15:00	3.5080	58.7145	0.2060	0.5424	0.0019	8.0566	0.0548
2016-12-15 05:30:00	3.7894	58.7145	0.2225	0.5424	0.0021	8.0566	0.0592
2016-12-15 05:45:00	3.8898	58.7145	0.2284	0.5424	0.0021	8.0566	0.0608
2016-12-15 06:00:00	4.0476	58.7145	0.2377	0.5424	0.0022	8.0566	0.0633
2016-12-15 06:15:00	4.1107	58.7145	0.2414	0.5424	0.0022	8.0566	0.0643
2016-12-15 06:30:00	4.1248	58.7145	0.2422	0.5424	0.0022	8.0566	0.0645
2016-12-15 06:45:00	4.2575	58.7145	0.2500	0.5424	0.0023	8.0566	0.0665
2016-12-15 07:00:00	4.1413	58.7145	0.2432	0.5726	0.0024	8.0566	0.0647
2016-12-15 07:15:00	4.1249	58.7145	0.2422	0.6585	0.0027	8.0566	0.0645
2016-12-15 07:30:00	3.8828	58.7145	0.2280	0.5522	0.0021	8.0566	0.0607
2016-12-15 07:45:00	3.2673	58.7145	0.1918	0.5445	0.0018	8.0566	0.0511
2016-12-15 08:00:00 2016-12-15 08:15:00	2.7239	58.7145	0.1599	0.5445	0.0015	8.0566	0.0426
	3.6719	58.7145	0.2156	0.5445	0.0020	8.0566	0.0574
2016-12-15 08:30:00 2016-12-15 08:45:00	2.0921 0.0000	58.7145 58.7145	0.1228 0.0000	0.5445 0.5445	0.0011 0.0000	8.0566 8.0566	0.0327 0.0000
2016-12-15 08:45:00 2016-12-15 09:00:00	0.0000 0.1454	58.7145 58.7145	0.0000	0.5445	0.0000	8.0566 8.0566	0.0000
2016-12-15 09:00:00	0.1454	58.7145 58.7145	0.0085	0.5445	0.0001	8.0566	0.0023
2016-12-15 09:15:00	0.9199	58.7145	0.0540	0.6585	0.0003	8.0566	0.0061
2016-12-15 09:45:00	0.0366	58.7145	0.0021	0.6585	0.0000	8.0566	0.0144
2016-12-15 10:00:00	0.0578	58.7145	0.0021	0.6585	0.0000	8.0566	0.0009
2016-12-15 10:15:00	0.1924	58.7145	0.0113	0.6585	0.0001	8.0566	0.0030
2016-12-15 10:30:00	0.2250	58.7145	0.0132	0.6585	0.0001	8.0566	0.0035
2016-12-15 10:45:00	0.2862	58.7145	0.0168	0.6585	0.0002	8.0566	0.0045
2016-12-15 11:00:00	0.1393	58.7145	0.0082	0.6585	0.0001	8.0566	0.0022
2016-12-15 11:15:00	0.2726	58.7145	0.0160	0.6585	0.0002	8.0566	0.0043
2016-12-15 11:30:00	0.9581	58.7145	0.0563	0.5835	0.0006	8.0566	0.0150
2016-12-15 11:45:00	0.8553	58.7145	0.0502	0.5459	0.0005	8.0566	0.0134
2016-12-15 12:00:00	0.5506	58.7145	0.0323	0.5091	0.0003	8.0566	0.0086
2016-12-15 12:15:00	0.8292	58.7145	0.0487	0.4333	0.0004	8.0566	0.0130
2016-12-15 12:30:00	1.0766	58.7145	0.0632	0.4333	0.0005	8.0566	0.0168
2016-12-15 12:45:00	1.1572	58.7145	0.0679	0.4333	0.0005	8.0566	0.0181
2016-12-15 13:00:00	0.6806	58.7145	0.0400	0.4333	0.0003	8.0566	0.0106
2016-12-15 13:15:00	0.7072	58.7145	0.0415	0.4333	0.0003	8.0566	0.0111
2016-12-15 13:30:00	0.6542	58.7145	0.0384	0.4333	0.0003	8.0566	0.0102
2016-12-15 13:45:00	1.0680	58.7145	0.0627	0.4333	0.0005	8.0566	0.0167
2016-12-15 14:00:00	0.7810	58.7145	0.0459	0.5067	0.0004	8.0566	0.0122
2016-12-15 14:15:00	0.9042	58.7145	0.0531	0.6522	0.0006	8.0566	0.0141
2016-12-15 14:30:00	0.7693	58.7145	0.0452	0.6688	0.0005	8.0566	0.0120
2016-12-15 14:45:00	0.8324	58.7145	0.0489	0.7552	0.0006	8.0566	0.0130
2016-12-15 15:00:00	1.2348	58.7145	0.0725	0.5970	0.0007	8.0566	0.0193
2016-12-15 15:15:00	1.1379	58.7145	0.0668	0.5908	0.0007	8.0566	0.0178
2016-12-15 15:30:00	1.0105	58.7145	0.0593	0.5376	0.0005	8.0566	0.0158
2016-12-15 15:45:00	1.7718	58.7145	0.1040	0.6725	0.0012	8.0566	0.0277
2016-12-15 16:00:00	1.0795	58.7145	0.0634	0.7159	0.0008	8.0566	0.0169
2016-12-15 16:15:00	0.7239	58.7145	0.0425	0.5682	0.0004	8.0566	0.0113
2016-12-15 16:30:00	1.0401	58.7145	0.0611	0.8025	0.0008	8.0566	0.0163
2016-12-15 16:45:00	0.3884	58.7145	0.0228	0.7944	0.0003	8.0566	0.0061
2016-12-15 17:00:00	1.0566	58.7145	0.0620	0.8852	0.0009	8.0566	0.0165
2016-12-15 17:15:00	0.5271	58.7145	0.0310	0.7022	0.0004	8.0566	0.0082
2016-12-15 17:30:00	0.5315	58.7145	0.0312	0.8406	0.0004	8.0566	0.0083
2016-12-15 17:45:00	1.2491	58.7145	0.0733	1.0983	0.0014	8.0566	0.0195
2016-12-15 18:00:00	1.0138	58.7145	0.0595	1.1553	0.0012	8.0566	0.0158
2016-12-15 18:15:00	0.6903	58.7145	0.0405	1.1095	0.0008	8.0566	0.0108
2016-12-15 18:30:00	0.3835	58.7145	0.0225	0.9743	0.0004	8.0566	0.0060
2016-12-15 18:45:00	0.0929	58.7145	0.0055	0.8430	0.0001	8.0566	0.0015
2016-12-15 19:00:00	0.1552	58.7145	0.0091	0.7355	0.0001	8.0566	0.0024
2016-12-15 19:15:00	0.1932	58.7145	0.0113	0.6880	0.0001	8.0566	0.0030
2016-12-15 19:30:00	0.1729	58.7145	0.0102	0.6733	0.0001	8.0566	0.0027
2016-12-15 19:45:00	0.4319	58.7145	0.0254	0.5754	0.0002	8.0566	0.0068
2016-12-15 20:00:00	0.1224	58.7145	0.0072	0.5754	0.0001	8.0566	0.0019
2016-12-15 20:15:00	0.4307	58.7145	0.0253	0.5754	0.0002	8.0566	0.0067
2016-12-15 20:30:00	0.4197	58.7145	0.0246	0.5754	0.0002	8.0566	0.0066
2016-12-15 20:45:00	0.2263	58.7145	0.0133	0.5754	0.0001	8.0566	0.0035
2016-12-15 21:00:00	0.4522	58.7145	0.0265	0.5754	0.0003	8.0566	0.0071
2016-12-15 21:15:00	0.7842	58.7145	0.0460	0.5754	0.0005	8.0566	0.0123
2016-12-15 21:30:00	0.5863	58.7145	0.0344	0.5754	0.0003	8.0566	0.0092
2016-12-15 21:45:00	0.3680	58.7145	0.0216	0.5754	0.0002	8.0566	0.0058
2016-12-15 22:00:00 2016-12-15 22:15:00	0.6074	58.7145	0.0357	0.5754	0.0003	8.0566	0.0095
	0.8938	58.7145	0.0525	0.5754	0.0005	8.0566	0.0140

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-15 22:30:00	0.8676	58.7145	0.0509	0.5754	0.0005	8.0566	0.0136
2016-12-15 22:45:00	1.3334	58.7145	0.0783	0.5754	0.0008	8.0566	0.0208
2016-12-15 23:00:00	0.9335	58.7145	0.0548	0.5754	0.0005	8.0566	0.0146
2016-12-15 23:15:00	0.7498	58.7145	0.0440	0.5754	0.0004	8.0566	0.0117
2016-12-15 23:30:00	0.7713	58.7145	0.0453	0.5754	0.0004	8.0566	0.0121
2016-12-15 23:45:00	1.2939	58.7145	0.0760	0.5754	0.0007	8.0566	0.0202
2016-12-16 00:00:00	0.5661	58.7145	0.0332	0.5754	0.0003	8.0566	0.0088
2016-12-16 00:15:00	0.5361	58.7145	0.0315	0.5209	0.0003	8.0566	0.0084
2016-12-16 00:30:00	0.8200	58.7145	0.0481	0.5622	0.0005	8.0566	0.0128
2016-12-16 00:45:00	1.4627	58.7145	0.0859	0.4504	0.0007	8.0566	0.0229
2016-12-16 01:00:00	1.9499	58.7145	0.1145	0.4504	0.0009	8.0566	0.0305
2016-12-16 01:15:00	0.8706	58.7145	0.0511	0.4504	0.0004	8.0566	0.0136
2016-12-16 01:30:00	1.4316	58.7145	0.0841	0.4504	0.0006	8.0566	0.0224
2016-12-16 01:45:00	0.4318	58.7145	0.0254	0.4504	0.0002	8.0566	0.0067
2016-12-16 02:00:00	0.8762	58.7145	0.0514	0.4504	0.0004	8.0566	0.0137
2016-12-16 02:15:00	1.7445	58.7145	0.1024	0.5025	0.0009	8.0566	0.0273
2016-12-16 02:30:00	0.7514	58.7145	0.0441	0.5644	0.0004	8.0566	0.0117
2016-12-16 02:45:00	1.2350	58.7145	0.0725	0.5644	0.0007	8.0566	0.0193
2016-12-16 03:00:00	2.6873	58.7145	0.1578	0.5644	0.0015	8.0566	0.0420
2016-12-16 03:15:00	2.2781	58.7145	0.1338	0.5644	0.0013	8.0566	0.0356
2016-12-16 03:30:00	1.2788	58.7145	0.0751	0.5644	0.0007	8.0566	0.0200
2016-12-16 03:45:00	2.8145	58.7145	0.1653	0.5994 0.6784	0.0017	8.0566	0.0440 0.0425
2016-12-16 04:00:00 2016-12-16 04:15:00	2.7166	58.7145 58.7145	0.1595	0.6784	0.0018 0.0022	8.0566 8.0566	0.0425
2016-12-16 04:15:00 2016-12-16 04:30:00	3.1788 3.7884	58.7145 58.7145	0.1866 0.2224	0.6784	0.0022	8.0566 8.0566	0.0497
2016-12-16 04:30:00	3.7884 2.9309	58.7145 58.7145	0.2224 0.1721	0.6784	0.0026	8.0566 8.0566	0.0592
2016-12-16 04:45:00	2.9309 3.9429	58.7145	0.1721	0.6784	0.0020	8.0566	0.0458
2016-12-16 05:15:00	3.8471	58.7145	0.2313	0.6784	0.0027	8.0566	0.0601
2016-12-16 05:30:00	2.7603	58.7145	0.1621	0.6784	0.0020	8.0566	0.0001
2016-12-16 05:45:00	0.5038	58.7145	0.0296	0.6784	0.0003	8.0566	0.0079
2016-12-16 06:00:00	0.6453	58.7145	0.0230	0.6784	0.0003	8.0566	0.0101
2016-12-16 06:15:00	1.1626	58.7145	0.0683	0.6784	0.0008	8.0566	0.0182
2016-12-16 06:30:00	4.2576	58.7145	0.2500	0.6784	0.0029	8.0566	0.0665
2016-12-16 06:45:00	3.6858	58.7145	0.2164	0.6892	0.0025	8.0566	0.0576
2016-12-16 07:00:00	3.2335	58.7145	0.1899	0.8734	0.0028	8.0566	0.0505
2016-12-16 07:15:00	2.4432	58.7145	0.1435	0.7729	0.0019	8.0566	0.0382
2016-12-16 07:30:00	1.2637	58.7145	0.0742	0.6962	0.0009	8.0566	0.0198
2016-12-16 07:45:00	1.4778	58.7145	0.0868	0.5768	0.0009	8.0566	0.0231
2016-12-16 08:00:00	0.7411	58.7145	0.0435	0.6407	0.0005	8.0566	0.0116
2016-12-16 08:15:00	0.0000	58.7145	0.0000	0.6894	0.0000	8.0566	0.0000
2016-12-16 08:30:00	0.0000	58.7145	0.0000	0.6894	0.0000	8.0566	0.0000
2016-12-16 08:45:00	0.0000	58.7145	0.0000	0.6894	0.0000	8.0566	0.0000
2016-12-16 09:00:00	0.0203	58.7145	0.0012	0.6894	0.0000	8.0566	0.0003
2016-12-16 09:15:00	0.0000	58.7145	0.0000	0.6894	0.0000	8.0566	0.0000
2016-12-16 09:30:00	0.0359	58.7145	0.0021	0.6894	0.0000	8.0566	0.0006
2016-12-16 09:45:00	0.0189	58.7145	0.0011	0.7527	0.0000	8.0566	0.0003
2016-12-16 10:00:00	0.1400	58.7145	0.0082	0.8082	0.0001	8.0566	0.0022
2016-12-16 10:15:00	0.2594	58.7145	0.0152	0.8082	0.0002	8.0566	0.0041
2016-12-16 10:30:00	0.2928	58.7145	0.0172	0.7083	0.0002	8.0566	0.0046
2016-12-16 10:45:00	0.7830	58.7145	0.0460	0.6921	0.0005	8.0566	0.0122
2016-12-16 11:00:00	1.2603	58.7145	0.0740	0.6921	0.0009	8.0566	0.0197
2016-12-16 11:15:00	1.1158	58.7145	0.0655	0.6775	0.0008	8.0566	0.0174
2016-12-16 11:30:00	0.9981	58.7145	0.0586	0.6873	0.0007	8.0566	0.0156
2016-12-16 11:45:00	0.5638	58.7145	0.0331	0.6440	0.0004	8.0566	0.0088
2016-12-16 12:00:00	0.6544	58.7145	0.0384	0.5886	0.0004	8.0566	0.0102
2016-12-16 12:15:00	0.6353	37.4063	0.0238	0.1839	0.0001	8.0566	0.0099
2016-12-16 12:30:00	0.5597	25.6500	0.0144	0.1023	0.0001	8.0566	0.0087
2016-12-16 12:45:00	0.4710	25.6500	0.0121	0.0935	0.0000	8.0566	0.0074
2016-12-16 13:00:00	0.4544	25.6500	0.0117	0.1084	0.0000	8.0566	0.0071
2016-12-16 13:15:00	0.9272	25.6500	0.0238	0.1015	0.0001	8.0566	0.0145
2016-12-16 13:30:00	0.3280	25.6500	0.0084	0.0123	0.0000	8.0566	0.0051
2016-12-16 13:45:00	0.5471	25.6500	0.0140	0.0032	0.0000	8.0566	0.0086
2016-12-16 14:00:00	0.2899	25.6500	0.0074	0.0000	0.0000	8.0566	0.0045
2016-12-16 14:15:00	0.1994	25.6500	0.0051	0.0172	0.0000	8.0566	0.0031
2016-12-16 14:30:00	0.4088	25.6500	0.0105	0.0350	0.0000	8.0566	0.0064
2016-12-16 14:45:00	1.0768	25.6500	0.0276	0.0705	0.0001	8.0566	0.0168
2016-12-16 15:00:00	0.6102	25.6500	0.0157	0.0626	0.0000	8.0566	0.0095
2016-12-16 15:15:00	0.5207	25.6500	0.0134	0.0288	0.0000	8.0566	0.0081
2016-12-16 15:30:00	0.4843	25.6500	0.0124	0.0288	0.0000	8.0566	0.0076
2016-12-16 15:45:00	0.5820	25.6500	0.0149	0.3383	0.0002	8.0566	0.0091
2016-12-16 16:00:00	0.8456	25.6500	0.0217	0.1678	0.0001	8.0566	0.0132
2016-12-16 16:15:00	0.3304	25.6500	0.0085	0.0000	0.0000	8.0566	0.0052
2016-12-16 16:30:00	0.8305	25.6500	0.0213	0.0000	0.0000	8.0566	0.0130
2016-12-16 16:45:00 2016-12-16 17:00:00	1.7982	25.6500	0.0461	0.1750	0.0003	8.0566	0.0281
	1.6523	25.6500	0.0424	0.2807	0.0005	8.0566	0.0258

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-16 17:15:00	1.1955	25.6500	0.0307	0.0874	0.0001	8.0566	0.0187
2016-12-16 17:30:00	0.6499	25.6500	0.0167	0.2587	0.0002	8.0566	0.0102
2016-12-16 17:45:00	0.1535	25.6500	0.0039	0.6793	0.0001	8.0566	0.0024
2016-12-16 18:00:00	0.2555	25.6500	0.0066	0.7696	0.0002	8.0566	0.0040
2016-12-16 18:15:00	0.0852	25.6500	0.0022	0.8240	0.0001	8.0566	0.0013
2016-12-16 18:30:00	0.0806	25.6500	0.0021	0.5069	0.0000	8.0566	0.0013
2016-12-16 18:45:00	0.1285	25.6500	0.0033	0.1666	0.0000	8.0566	0.0020
2016-12-16 19:00:00	0.2092	25.6500	0.0054	0.4888	0.0001	8.0566	0.0033
2016-12-16 19:15:00	0.2800	25.6500	0.0072	0.4616	0.0001	8.0566	0.0044
2016-12-16 19:30:00	0.5607	25.6500	0.0144	0.5775	0.0003	8.0566	0.0088
2016-12-16 19:45:00	0.4694	25.6500	0.0120	0.8001	0.0004	8.0566	0.0073
2016-12-16 20:00:00	0.6228	25.7978	0.0161	5.4397	0.0034	8.0566	0.0097
2016-12-16 20:15:00	1.5809	272.4914	0.4308	1.8495	0.0029	8.0566	0.0247
2016-12-16 20:30:00	0.5346	102.1923	0.0546	0.2945	0.0002	8.0566	0.0084
2016-12-16 20:45:00	12.1294	63.3602	0.7685	0.2070	0.0025	8.0566	0.1896
2016-12-16 21:00:00	17.5915	36.8719	0.6486	0.1716	0.0030	8.0566	0.2750
2016-12-16 21:15:00	18.6073	36.8719	0.6861	0.1790	0.0033	8.0566	0.2908
2016-12-16 21:30:00 2016-12-16 21:45:00	0.0294	36.8719	0.0011 0.0000	0.3550	0.0000	8.0566	0.0005 0.0000
2016-12-16 21:45:00 2016-12-16 22:00:00	0.0000	36.8719 36.8719		0.6592	0.0000 0.0000	8.0566	
	0.0000		0.0000 0.0000	1.9963	0.0000	8.0566	0.0000 0.0000
2016-12-16 22:15:00 2016-12-16 22:30:00	0.0000 0.0204	36.8719 36.8719	0.0000	2.1006 3.4067	0.0000	8.0566 8.0566	0.0000
2016-12-16 22:30:00	0.0204	36.8719	0.0008	6.6637	0.0001	8.0566	0.0003
2016-12-16 22:45:00	0.0000	36.8719	0.0000	9.9373	0.0000	8.0566	0.0000
2016-12-16 23:15:00	0.0000	36.8719	0.0000	11.1296	0.0000	8.0566	0.0000
2016-12-16 23:30:00	0.0000	36.8719	0.0000	7.7359	0.0000	8.0566	0.0000
2016-12-16 23:45:00	0.0618	36.8719	0.0023	3.0647	0.0002	8.0566	0.0010
2016-12-17 00:00:00	0.0419	36.8719	0.0015	1.4696	0.0001	8.0566	0.0007
2016-12-17 00:15:00	0.0000	36.8719	0.0000	1.0598	0.0000	8.0566	0.0000
2016-12-17 00:30:00	0.0000	36.8719	0.0000	0.8836	0.0000	8.0566	0.0000
2016-12-17 00:45:00	0.0000	36.8719	0.0000	0.7683	0.0000	8.0566	0.0000
2016-12-17 01:00:00	0.0000	36.8719	0.0000	0.6873	0.0000	8.0566	0.0000
2016-12-17 01:15:00	0.0000	36.8719	0.0000	0.6158	0.0000	8.0566	0.0000
2016-12-17 01:30:00	0.0000	36.8719	0.0000	0.5740	0.0000	8.0566	0.0000
2016-12-17 01:45:00	0.0000	36.8719	0.0000	0.5740	0.0000	8.0566	0.0000
2016-12-17 02:00:00	0.0000	36.8719	0.0000	0.5568	0.0000	8.0566	0.0000
2016-12-17 02:15:00	0.0000	36.8719	0.0000	0.5672	0.0000	8.0566	0.0000
2016-12-17 02:30:00	0.0000	36.8719	0.0000	0.5476	0.0000	8.0566	0.0000
2016-12-17 02:45:00	0.0000	36.8719	0.0000	0.4518	0.0000	8.0566	0.0000
2016-12-17 03:00:00	0.0000	36.8719	0.0000	0.4518	0.0000	8.0566	0.0000
2016-12-17 03:15:00	0.0611	36.8719	0.0023	0.4518	0.0000	8.0566	0.0010
2016-12-17 03:30:00	0.0000	36.8719	0.0000	0.4518	0.0000	8.0566	0.0000
2016-12-17 03:45:00	0.0368	36.8719	0.0014	0.4518	0.0000	8.0566	0.0006
2016-12-17 04:00:00	0.0000	36.8719	0.0000	0.4518	0.0000	8.0566	0.0000
2016-12-17 04:15:00	0.0000	36.8719	0.0000	0.4518	0.0000	8.0566	0.0000
2016-12-17 04:30:00	0.0000	36.8719	0.0000	0.4518	0.0000	8.0566	0.0000
2016-12-17 04:45:00	0.0000	36.8719	0.0000	0.4518	0.0000	8.0566	0.0000
2016-12-17 05:00:00	0.0000	36.8719	0.0000	0.4518	0.0000	8.0566	0.0000
2016-12-17 05:15:00	0.0000	36.8719	0.0000	0.3777	0.0000	8.0566	0.0000
2016-12-17 05:30:00	0.0000	36.8719	0.0000	0.3392	0.0000	8.0566	0.0000
2016-12-17 05:45:00	0.0000	36.8719	0.0000	0.3392	0.0000	8.0566	0.0000
2016-12-17 06:00:00	0.0395	36.8719	0.0015	0.3392	0.0000	8.0566	0.0006
2016-12-17 06:15:00	0.0000	36.8719	0.0000	0.3392	0.0000	8.0566	0.0000
2016-12-17 06:30:00	0.0185	36.8719	0.0007	0.3392	0.0000	8.0566	0.0003
2016-12-17 06:45:00	0.0188	36.8719	0.0007	0.3392	0.0000	8.0566	0.0003
2016-12-17 07:00:00	0.0216	36.8719	0.0008	0.1768	0.0000	8.0566	0.0003
2016-12-17 07:15:00	0.0188	36.8719	0.0007	0.1429	0.0000	8.0566	0.0003
2016-12-17 07:30:00	0.0191	36.8719	0.0007	0.2762	0.0000	8.0566	0.0003
2016-12-17 07:45:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 08:00:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 08:15:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 08:30:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 08:45:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 09:00:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 09:15:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 09:30:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 09:45:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 10:00:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 10:15:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 10:30:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 10:45:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 11:00:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 11:15:00	0.0000	36.8719	0.0000	0.3056	0.0000	8.0566	0.0000
2016-12-17 11:30:00	0.0000	36.8719	0.0000 0.0000	0.3056 0.3056	0.0000 0.0000	8.0566 8.0566	0.0000 0.0000
2016-12-17 11:45:00	0.0000	36.8719					

	Point Source Air Emissions - A2 Nitric Acid Stack										
Parameter	Volumetric Flow Rate		Ox	NH3		N	20				
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s				
2016-12-17 12:00:00	0.0179	36.8719	0.0007	0.3056	0.0000	8.0566	0.0003				
2016-12-17 12:15:00	0.0207	36.8719	0.0008	0.0653	0.0000	8.0566	0.0003				
2016-12-17 12:30:00	0.0621	36.8719	0.0023	0.1855	0.0000	8.0566	0.0010				
2016-12-17 12:45:00	0.0646	36.8719	0.0024	0.2814	0.0000	8.0566	0.0010				
2016-12-17 13:00:00	0.0586	36.8719	0.0022	0.2145	0.0000	8.0566	0.0009				
2016-12-17 13:15:00	0.0000	36.8719	0.0000	0.1570	0.0000	8.0566	0.0000				
2016-12-17 13:30:00	0.0000	36.8719	0.0000	0.1570	0.0000	8.0566	0.0000				
2016-12-17 13:45:00	0.1227	36.8719	0.0045	0.0899	0.0000	8.0566	0.0019				
2016-12-17 14:00:00	0.1285	36.8719	0.0047	0.0766	0.0000	8.0566	0.0020				
2016-12-17 14:15:00	0.3403	36.8719	0.0125	0.0979	0.0000	8.0566	0.0053				
2016-12-17 14:30:00	0.0228	36.8719	0.0008	0.2585	0.0000	8.0566	0.0004				
2016-12-17 14:45:00	0.1854	36.8719	0.0068	0.1305	0.0000	8.0566	0.0029				
2016-12-17 15:00:00	0.0847	36.8719	0.0031	0.0579	0.0000	8.0566	0.0013				
2016-12-17 15:15:00	0.1271	36.8719	0.0047	0.0508	0.0000	8.0566	0.0020				
2016-12-17 15:30:00	0.2445	36.8719	0.0090	0.0508	0.0000	8.0566	0.0038				
2016-12-17 15:45:00	0.0699	36.8719	0.0026	0.0508	0.0000	8.0566	0.0011				
2016-12-17 16:00:00	0.1121	36.8719	0.0041	0.0508	0.0000	8.0566	0.0018				
2016-12-17 16:15:00	0.1460	36.8719	0.0054	0.0508	0.0000	8.0566	0.0023				
2016-12-17 16:30:00	0.1474	36.8719	0.0054	0.0508	0.0000	8.0566	0.0023				
2016-12-17 16:45:00	0.1449	36.8719	0.0053	0.0508	0.0000	8.0566	0.0023				
2016-12-17 17:00:00	0.4656	36.8719	0.0172	0.0508	0.0000	8.0566	0.0073				
2016-12-17 17:15:00	0.1864	36.8719	0.0069	0.0508	0.0000 0.0000	8.0566	0.0029 0.0046				
2016-12-17 17:30:00 2016-12-17 17:45:00	0.2955 0.1451	36.8719 36.8719	0.0109 0.0054	0.0508 0.0508	0.0000	8.0566 8.0566	0.0046				
							0.0023				
2016-12-17 18:00:00 2016-12-17 18:15:00	0.1254 0.1580	36.8719 36.8719	0.0046 0.0058	0.0508 0.2011	0.0000 0.0000	8.0566 8.0566	0.0020				
2016-12-17 18:15:00	0.1580	36.8719	0.0058	0.3323	0.0000	8.0566	0.0025				
2016-12-17 18:45:00	0.0638	36.8719	0.0013	0.3633	0.0000	8.0566	0.0000				
2016-12-17 19:00:00	0.0180	36.8719	0.0024	0.4058	0.0000	8.0566	0.0003				
2016-12-17 19:00:00	0.0000	36.8719	0.0007	0.4058	0.0000	8.0566	0.0000				
2016-12-17 19:30:00	0.0560	36.8719	0.0021	0.4058	0.0000	8.0566	0.0009				
2016-12-17 19:45:00	0.0000	36.8719	0.0000	0.4058	0.0000	8.0566	0.0000				
2016-12-17 20:00:00	0.0000	36.8719	0.0000	0.4058	0.0000	8.0566	0.0000				
2016-12-17 20:15:00	0.0195	36.8719	0.0007	0.3051	0.0000	8.0566	0.0003				
2016-12-17 20:30:00	0.0000	36.8719	0.0000	0.2918	0.0000	8.0566	0.0000				
2016-12-17 20:45:00	0.0000	36.8719	0.0000	0.2918	0.0000	8.0566	0.0000				
2016-12-17 21:00:00	0.0000	36.8719	0.0000	0.1418	0.0000	8.0566	0.0000				
2016-12-17 21:15:00	0.0929	36.8719	0.0034	0.2058	0.0000	8.0566	0.0015				
2016-12-17 21:30:00	0.0637	36.8719	0.0023	0.1161	0.0000	8.0566	0.0010				
2016-12-17 21:45:00	0.0388	36.8719	0.0014	0.1780	0.0000	8.0566	0.0006				
2016-12-17 22:00:00	0.0826	36.8719	0.0030	0.2267	0.0000	8.0566	0.0013				
2016-12-17 22:15:00	0.0752	36.8719	0.0028	0.1967	0.0000	8.0566	0.0012				
2016-12-17 22:30:00	0.1014	36.8719	0.0037	0.2366	0.0000	8.0566	0.0016				
2016-12-17 22:45:00	0.0429	36.8719	0.0016	0.1744	0.0000	8.0566	0.0007				
2016-12-17 23:00:00	0.0626	36.8719	0.0023	0.1726	0.0000	8.0566	0.0010				
2016-12-17 23:15:00	0.1581	36.8719	0.0058	0.2100	0.0000	8.0566	0.0025				
2016-12-17 23:30:00	0.1729	36.8719	0.0064	0.2287	0.0000	8.0566	0.0027				
2016-12-17 23:45:00	0.1201	36.8719	0.0044	0.2194	0.0000	8.0566	0.0019				
2016-12-18 00:00:00	0.1407	36.8719	0.0052	0.2451	0.0000	8.0566	0.0022				
2016-12-18 00:15:00	0.1428	36.8719	0.0053	0.1895	0.0000	8.0566	0.0022				
2016-12-18 00:30:00	0.0835	36.8719	0.0031	0.1413	0.0000	8.0566	0.0013				
2016-12-18 00:45:00	0.1499	36.8719	0.0055	0.1406	0.0000	8.0566	0.0023				
2016-12-18 01:00:00	0.1772	36.8719	0.0065	0.2693	0.0000	8.0566	0.0028				
2016-12-18 01:15:00	0.0236	36.8719	0.0009	0.1244	0.0000	8.0566	0.0004				
2016-12-18 01:30:00	0.0199	36.8719	0.0007	0.1089	0.0000	8.0566	0.0003				
2016-12-18 01:45:00	0.5271	36.8719	0.0194	0.2844	0.0001	8.0566	0.0082				
2016-12-18 02:00:00	0.0427	36.8719	0.0016	0.2151	0.0000	8.0566	0.0007				
2016-12-18 02:15:00	0.2251	36.8719	0.0083	0.2959	0.0001	8.0566	0.0035				
2016-12-18 02:30:00	0.1576	36.8719	0.0058	0.2959	0.0000	8.0566	0.0025				
2016-12-18 02:45:00	0.2069	36.8719	0.0076	0.2959	0.0001	8.0566	0.0032				
2016-12-18 03:00:00	0.0911	36.8719	0.0034	0.2959	0.0000	8.0566	0.0014				
2016-12-18 03:15:00	1.0433	36.8719	0.0385	0.2959	0.0003	8.0566	0.0163				
2016-12-18 03:30:00	0.2880	36.8719	0.0106	0.1769	0.0001	8.0566	0.0045				
2016-12-18 03:45:00	0.0204	36.8719	0.0008	0.2247	0.0000	8.0566	0.0003				
2016-12-18 04:00:00	0.0000	36.8719	0.0000	0.2447	0.0000	8.0566	0.0000				
2016-12-18 04:15:00	0.1033	131.1675	0.0136	0.3369	0.0000	8.0566	0.0016				
2016-12-18 04:30:00	0.0000	60.6048	0.0000	0.3790	0.0000	8.0566	0.0000				
2016-12-18 04:45:00	3.0768	41.2805	0.1270	0.3452	0.0011	8.0566	0.0481				
2016-12-18 05:00:00	15.4937	41.2805	0.6396	0.2565	0.0040	8.0566	0.2422				
2016-12-18 05:15:00	18.8825	41.2805	0.7795	0.2037	0.0038	8.0566	0.2951				
2016-12-18 05:30:00	19.9718	39.3333	0.7856	0.1774	0.0035	8.0566	0.3122				
2016-12-18 05:45:00	20.0651	8.2160	0.1649	0.1928	0.0039	8.0566	0.3136				
2016-12-18 06:00:00	20.0308	35.3934	0.7090	0.2108	0.0042	8.0566	0.3131				
2016-12-18 06:15:00	19.9595	42.2824	0.8439	0.2108	0.0042	8.0566	0.3120				
2016-12-18 06:30:00	20.1852	42.2824	0.8535	0.2108	0.0043	8.0566	0.3155				

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-18 06:45:00	20.0261	42.2824	0.8468	0.2608	0.0052	8.0566	0.3130
2016-12-18 07:00:00	20.1164	42.2824	0.8506	0.3358	0.0068	8.0566	0.3144
2016-12-18 07:15:00	20.1228	42.2824	0.8508	0.2628	0.0053	8.0566	0.3145
2016-12-18 07:30:00	20.1187	42.2824	0.8507	0.2512	0.0051	8.0566	0.3145
2016-12-18 07:45:00	20.1996	42.2824	0.8541	0.3002	0.0061	8.0566	0.3157
2016-12-18 08:00:00	20.1128	42.2824	0.8504	0.2829	0.0057	8.0566	0.3144
2016-12-18 08:15:00	20.1227	42.2824	0.8508	0.2876	0.0058	8.0566	0.3145
2016-12-18 08:30:00	20.1135	42.2824	0.8504	0.2932	0.0059	8.0566	0.3144
2016-12-18 08:45:00	20.0156	42.2824	0.8463	0.3153	0.0063	8.0566	0.3128
2016-12-18 09:00:00	19.9305	42.2824	0.8427	0.3303	0.0066	8.0566	0.3115
2016-12-18 09:15:00	20.0150	42.2824	0.8463	0.3783	0.0076	8.0566	0.3128
2016-12-18 09:30:00	20.0547	42.2824	0.8480	0.3783	0.0076	8.0566	0.3135
2016-12-18 09:45:00	20.1435	42.2824	0.8517	0.3362	0.0068	8.0566	0.3148
2016-12-18 10:00:00 2016-12-18 10:15:00	20.1357 20.0618	42.2824 42.2824	0.8514 0.8483	0.2899 0.3699	0.0058 0.0074	8.0566 8.0566	0.3147 0.3136
2016-12-18 10:15:00	20.1982	42.2824	0.8540	0.3825	0.0074	8.0566	0.3156
2016-12-18 10:30:00	20.1982	42.2824	0.8564	0.3825	0.0077	8.0566	0.3157
2016-12-18 10:43:00	20.1195	42.2824	0.8507	0.3825	0.0077	8.0566	0.3145
2016-12-18 11:05:00	20.2322	42.2824	0.8555	0.3367	0.0068	8.0566	0.3143
2016-12-18 11:30:00	20.3844	42.2824	0.8619	0.2981	0.0061	8.0566	0.3186
2016-12-18 11:30:00	19.9632	42.2824	0.8441	0.2981	0.0061	8.0566	0.3186
2016-12-18 11:43:00	19.8682	69.7259	1.3853	0.3091	0.0061	8.0566	0.3120
2016-12-18 12:05:00	19.9394	75.3469	1.5024	0.3292	0.0066	8.0566	0.3103
2016-12-18 12:30:00	20.0723	75.3469	1.5124	0.2956	0.0059	8.0566	0.3110
2016-12-18 12:35:00	20.3216	75.3469	1.5312	0.3251	0.0066	8.0566	0.3176
2016-12-18 13:00:00	20.2919	75.3469	1.5289	0.3272	0.0066	8.0566	0.3172
2016-12-18 13:15:00	20.2074	75.3469	1.5226	0.3719	0.0075	8.0566	0.3158
2016-12-18 13:30:00	19.9527	75.3469	1.5034	0.3384	0.0068	8.0566	0.3119
2016-12-18 13:45:00	20.2855	75.3469	1.5284	0.2570	0.0052	8.0566	0.3171
2016-12-18 14:00:00	20.2015	75.3469	1.5221	0.3177	0.0064	8.0566	0.3157
2016-12-18 14:15:00	20.1107	75.3469	1.5153	0.2478	0.0050	8.0566	0.3143
2016-12-18 14:30:00	20.2678	75.3469	1.5271	0.2519	0.0051	8.0566	0.3168
2016-12-18 14:45:00	20.2670	47.9034	0.9709	0.1017	0.0021	8.0566	0.3168
2016-12-18 15:00:00	20.1705	42.2824	0.8529	0.1390	0.0028	8.0566	0.3153
2016-12-18 15:15:00	20.2785	42.2824	0.8574	0.2063	0.0042	8.0566	0.3170
2016-12-18 15:30:00	20.2392	42.2824	0.8558	0.0184	0.0004	8.0566	0.3163
2016-12-18 15:45:00	20.2124	42.2824	0.8546	0.0413	0.0008	8.0566	0.3159
2016-12-18 16:00:00	20.3001	42.2824	0.8583	0.1178	0.0024	8.0566	0.3173
2016-12-18 16:15:00	20.2561	42.2824	0.8565	0.0666	0.0013	8.0566	0.3166
2016-12-18 16:30:00	20.2637	42.2824	0.8568	0.0666	0.0013	8.0566	0.3167
2016-12-18 16:45:00	20.4005	48.6014	0.9915	0.0666	0.0014	8.0566	0.3189
2016-12-18 17:00:00	20.5028	75.3469	1.5448	0.0666	0.0014	8.0566	0.3205
2016-12-18 17:15:00	20.3286	75.3469	1.5317	0.0666	0.0014	8.0566	0.3177
2016-12-18 17:30:00	20.3307	75.3469	1.5319	0.0721	0.0015	8.0566	0.3178
2016-12-18 17:45:00	20.3024	63.7008	1.2933	0.4246	0.0086	8.0566	0.3173
2016-12-18 18:00:00	20.2844	42.2824	0.8577	0.0207	0.0004	8.0566	0.3170
2016-12-18 18:15:00	20.2029	42.2824	0.8542	0.1648	0.0033	8.0566	0.3158
2016-12-18 18:30:00	20.1624	42.2824	0.8525	0.2889	0.0058	8.0566	0.3151
2016-12-18 18:45:00	20.3851	14.1409	0.2883	0.3127	0.0064	8.0566	0.3186
2016-12-18 19:00:00	20.3546	9.2180	0.1876	0.1701	0.0035	8.0566	0.3181
2016-12-18 19:15:00	20.0712	9.2180	0.1850	0.2415	0.0048	8.0566	0.3137
2016-12-18 19:30:00	20.6926	9.2180	0.1907	0.3506	0.0073	8.0566	0.3234
2016-12-18 19:45:00	25.5584	9.2180	0.2356	0.1077	0.0028	8.0566	0.3995
2016-12-18 20:00:00	28.5837	9.2180	0.2635	0.0000	0.0000	8.0566	0.4468
2016-12-18 20:15:00	28.6188	1448.8118	41.4632	0.1160	0.0033	8.0566	0.4473
2016-12-18 20:30:00	28.5135	1664.6394	47.4648	0.1248	0.0036	8.0566	0.4457
2016-12-18 20:45:00	28.5640	66.3415	1.8950	0.1441	0.0041	8.0566	0.4465
2016-12-18 21:00:00	28.5949	29.0566	0.8309	0.1586	0.0045	8.0566	0.4469
2016-12-18 21:15:00	28.6214	29.0566	0.8316	0.2703	0.0077	8.0566	0.4473
2016-12-18 21:30:00	28.6679	29.0566	0.8330	0.2959	0.0085	8.0566	0.4481
2016-12-18 21:45:00	28.8482	29.0566	0.8382	0.2813	0.0081	8.0566	0.4509
2016-12-18 22:00:00	28.7059	31.3792	0.9008	0.2817	0.0081	8.0566	0.4487
2016-12-18 22:15:00	28.7906	121.0566	3.4853	0.2788	0.0080	8.0566	0.4500
2016-12-18 22:30:00	28.9986	37.8738	1.0983	0.2178	0.0063	8.0566	0.4532
2016-12-18 22:45:00	29.1409	37.8738	1.1037	0.2583	0.0075	8.0566	0.4555
2016-12-18 23:00:00	29.2021	37.8738	1.1060	0.2328	0.0068	8.0566	0.4564
2016-12-18 23:15:00	29.2559	37.8738	1.1080	0.2547	0.0075	8.0566	0.4573
2016-12-18 23:30:00	28.9672	37.8738	1.0971	0.2547	0.0074	8.0566	0.4528
2016-12-18 23:45:00	28.9786	37.8738	1.0975	0.2547	0.0074	8.0566	0.4529
2016-12-19 00:00:00	29.1425	37.8738	1.1037	0.2547	0.0074	8.0566	0.4555
2016-12-19 00:15:00	29.0795	37.8738	1.1014	0.2547	0.0074	8.0566	0.4545
2016-12-19 00:30:00	28.9916	37.8738	1.0980	0.2547	0.0074	8.0566	0.4531
2016-12-19 00:45:00	29.1084	37.8738	1.1024	0.2547	0.0074	8.0566	0.4550
2016-12-19 01:00:00	28.9968	37.8738	1.0982	0.2470	0.0072	8.0566	0.4532
2016-12-19 01:15:00	29.0440	37.8738	1.1000	0.2712	0.0079	8.0566	0.4540

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-19 01:30:00	29.0683	21.2592	0.6180	0.2535	0.0074	8.0566	0.4543
2016-12-19 01:45:00	29.1134	5.0098	0.1459	0.2344	0.0068	8.0566	0.4550
2016-12-19 02:00:00	29.0291	5.0098	0.1454	0.2474	0.0072	8.0566	0.4537
2016-12-19 02:15:00	29.2895	5.0098	0.1467	0.2188	0.0064	8.0566	0.4578
2016-12-19 02:30:00	29.2304	5.0098	0.1464	0.2657	0.0078	8.0566	0.4569
2016-12-19 02:45:00	29.4241	5.0098	0.1474	0.2657	0.0078	8.0566	0.4599
2016-12-19 03:00:00	29.3688	5.0098	0.1471	0.2657	0.0078	8.0566	0.4590
2016-12-19 03:15:00	29.4024	5.0098	0.1473	0.2657	0.0078	8.0566	0.4596
2016-12-19 03:30:00	29.4477	5.0098	0.1475	0.2657	0.0078	8.0566	0.4603
2016-12-19 03:45:00	29.6305	5.0098	0.1484	0.2657	0.0079	8.0566	0.4631
2016-12-19 04:00:00	29.4924	5.0098	0.1478	0.2657	0.0078	8.0566	0.4610
2016-12-19 04:15:00	29.6780	5.0098	0.1487	0.2657	0.0079	8.0566	0.4639
2016-12-19 04:30:00	29.7485	5.0098	0.1490	0.2657	0.0079	8.0566	0.4650
2016-12-19 04:45:00	29.7735	5.0098	0.1492	0.2657	0.0079	8.0566	0.4654
2016-12-19 05:00:00	29.7072	5.0098	0.1488	0.2657	0.0079	8.0566	0.4643
2016-12-19 05:15:00	29.8715	5.0098	0.1496	0.2657	0.0079	8.0566	0.4669
2016-12-19 05:30:00	29.4887	5.0098	0.1477	0.2657	0.0078	8.0566	0.4609
2016-12-19 05:45:00	29.0240	5.0098	0.1454	0.2657	0.0077	8.0566	0.4536
2016-12-19 06:00:00	29.1433	5.0098	0.1460	0.2657	0.0077	8.0566	0.4555
2016-12-19 06:15:00	29.1091	5.0098	0.1458	0.2657	0.0077	8.0566	0.4550
2016-12-19 06:30:00	29.0523	5.0098	0.1455	0.2657	0.0077	8.0566	0.4541
2016-12-19 06:45:00	29.1641	5.0098	0.1461	0.2657	0.0077	8.0566	0.4558
2016-12-19 07:00:00	29.0843	5.0098	0.1457	0.3055	0.0089	8.0566	0.4546
2016-12-19 07:15:00	29.0508	5.0098	0.1455	0.2925	0.0085	8.0566	0.4541
2016-12-19 07:30:00	28.8366	5.0098	0.1445	0.2925	0.0084	8.0566	0.4507
2016-12-19 07:45:00	28.7304	5.0098	0.1439	0.2925	0.0084	8.0566	0.4491
2016-12-19 08:00:00 2016-12-19 08:15:00	28.6847	5.0098	0.1437	0.2925	0.0084	8.0566	0.4483
2016-12-19 08:15:00	28.5664 28.4495	5.0098 5.0098	0.1431 0.1425	0.2925 0.2925	0.0084 0.0083	8.0566 8.0566	0.4465 0.4447
2016-12-19 08:45:00	28.3983	5.0098	0.1423	0.2925	0.0083	8.0566	0.4447
2016-12-19 09:00:00	28.5826	5.0098	0.1423	0.2925	0.0083	8.0566	0.4467
2016-12-19 09:15:00	28.6067	5.0098	0.1432	0.2925	0.0084	8.0566	0.4471
2016-12-19 09:30:00	28.6092	5.0098	0.1433	0.2925	0.0084	8.0566	0.4471
2016-12-19 09:45:00	28.5704	5.0098	0.1431	0.2925	0.0084	8.0566	0.4472
2016-12-19 10:00:00	28.5563	5.0098	0.1431	0.2925	0.0084	8.0566	0.4463
2016-12-19 10:15:00	28.6448	5.0098	0.1435	0.2925	0.0084	8.0566	0.4477
2016-12-19 10:30:00	28.7854	5.0098	0.1442	0.2925	0.0084	8.0566	0.4499
2016-12-19 10:45:00	28.3466	5.0098	0.1420	0.3280	0.0093	8.0566	0.4431
2016-12-19 11:00:00	28.3530	5.0098	0.1420	0.2891	0.0082	8.0566	0.4432
2016-12-19 11:15:00	28.6207	5.0098	0.1434	0.2891	0.0083	8.0566	0.4473
2016-12-19 11:30:00	28.4861	5.0098	0.1427	0.3086	0.0088	8.0566	0.4452
2016-12-19 11:45:00	28.5363	5.0098	0.1430	0.2956	0.0084	8.0566	0.4460
2016-12-19 12:00:00	28.4409	5.0098	0.1425	0.2965	0.0084	8.0566	0.4445
2016-12-19 12:15:00	28.5307	5.0098	0.1429	0.2932	0.0084	8.0566	0.4459
2016-12-19 12:30:00	28.3966	5.0098	0.1423	0.2932	0.0083	8.0566	0.4438
2016-12-19 12:45:00	28.5335	5.0098	0.1429	0.2932	0.0084	8.0566	0.4460
2016-12-19 13:00:00	28.4326	5.0098	0.1424	0.2932	0.0083	8.0566	0.4444
2016-12-19 13:15:00	28.4280	5.0098	0.1424	0.3071	0.0087	8.0566	0.4443
2016-12-19 13:30:00	28.4562	5.0098	0.1426	0.3372	0.0096	8.0566	0.4448
2016-12-19 13:45:00	28.5001	5.0098	0.1428	0.3179	0.0091	8.0566	0.4455
2016-12-19 14:00:00	28.5203	5.0098	0.1429	0.3179	0.0091	8.0566	0.4458
2016-12-19 14:15:00	28.5993	5.0098	0.1433	0.3147	0.0090	8.0566	0.4470
2016-12-19 14:30:00	28.6188	5.0098	0.1434	0.3110	0.0089	8.0566	0.4473
2016-12-19 14:45:00	28.6480	5.0098	0.1435	0.3250	0.0093	8.0566	0.4478
2016-12-19 15:00:00	28.6634	5.0098	0.1436	0.3079	0.0088	8.0566	0.4480
2016-12-19 15:15:00	28.6585	5.0098	0.1436	0.3147	0.0090	8.0566	0.4479
2016-12-19 15:30:00	28.7807	5.0098	0.1442	0.2972	0.0086	8.0566	0.4498
2016-12-19 15:45:00	28.6321	5.0098	0.1434	0.2906	0.0083	8.0566	0.4475
2016-12-19 16:00:00	28.7702	5.0098	0.1441	0.3295	0.0095	8.0566	0.4497
2016-12-19 16:15:00	28.6572	5.0098	0.1436	0.3136	0.0090	8.0566	0.4479
2016-12-19 16:30:00	28.7192	5.0098	0.1439	0.3435	0.0099	8.0566	0.4489
2016-12-19 16:45:00	28.7692	5.0098	0.1441	0.3398	0.0098	8.0566	0.4497
2016-12-19 17:00:00	28.8093	5.0098	0.1443	0.2986	0.0086	8.0566	0.4503
2016-12-19 17:15:00	28.8329	5.0098	0.1444	0.2964	0.0085	8.0566	0.4507
2016-12-19 17:30:00	28.8064	5.0098	0.1443	0.2738	0.0079	8.0566	0.4502
2016-12-19 17:45:00	28.7306	5.0098	0.1439	0.2762	0.0079	8.0566	0.4491
2016-12-19 18:00:00	28.7315	5.0098	0.1439	0.2861	0.0082	8.0566	0.4491
2016-12-19 18:15:00	28.7492	5.0098	0.1440	0.2856	0.0082	8.0566	0.4493
2016-12-19 18:30:00	29.0658	5.0098	0.1456	0.2856	0.0083	8.0566	0.4543
2016-12-19 18:45:00	29.0572	5.0098	0.1456	0.2856	0.0083	8.0566	0.4542
2016-12-19 19:00:00	29.0513	5.0098	0.1455	0.2856	0.0083	8.0566	0.4541
2016-12-19 19:15:00	29.0292	5.0098	0.1454	0.2856	0.0083	8.0566	0.4537
2016-12-19 19:30:00	29.1772	5.0098	0.1462	0.2856	0.0083	8.0566	0.4560
2016-12-19 19:45:00 2016-12-19 20:00:00	28.9588	5.0098	0.1451	0.2856	0.0083	8.0566	0.4526
	29.0361	5.0098	0.1455	0.2856	0.0083	8.0566	0.4538

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-19 20:15:00	29.0652	5.0098	0.1456	0.2856	0.0083	8.0566	0.4543
2016-12-19 20:30:00	3.4976	5.0098	0.0175	0.4738	0.0017	8.0566	0.0547
2016-12-19 20:45:00	0.0000	5.0098	0.0000	1.0646	0.0000	8.0566	0.0000
2016-12-19 21:00:00	0.0000	5.0098	0.0000	10.5489	0.0000	8.0566	0.0000
2016-12-19 21:15:00	0.0000	5.0098	0.0000	11.2500	0.0000	8.0566	0.0000
2016-12-19 21:30:00	0.0000	5.0098	0.0000	11.2474	0.0000	8.0566	0.0000
2016-12-19 21:45:00	0.0000	5.0098	0.0000	9.0299	0.0000	8.0566	0.0000
2016-12-19 22:00:00	0.0000	5.0098	0.0000	6.0282	0.0000	8.0566	0.0000
2016-12-19 22:15:00	0.0000	5.0098	0.0000	4.1673	0.0000	8.0566	0.0000
2016-12-19 22:30:00	0.0000	5.0098	0.0000	2.9704	0.0000	8.0566	0.0000
2016-12-19 22:45:00	0.0000	5.0098	0.0000	2.2065	0.0000	8.0566	0.0000
2016-12-19 23:00:00	0.0000	5.0098	0.0000	1.7741	0.0000	8.0566	0.0000
2016-12-19 23:15:00	0.0000	5.0098	0.0000	1.4826	0.0000	8.0566	0.0000
2016-12-19 23:30:00	0.0000	5.0098	0.0000	1.3107	0.0000 0.0000	8.0566 8.0566	0.0000
2016-12-19 23:45:00	0.0000	5.0098	0.0000	1.1776			0.0000
2016-12-20 00:00:00	0.0000	5.0098	0.0000	1.0660	0.0000	8.0566 8.0566	0.0000
2016-12-20 00:15:00 2016-12-20 00:30:00	0.0000 0.0000	5.0098	0.0000 0.0000	1.0650 0.9609	0.0000 0.0000	8.0566	0.0000 0.0000
2016-12-20 00:30:00	0.0000	5.0098 5.0098	0.0000	0.9609	0.0000	8.0566	0.0000
2016-12-20 00:45:00				0.9324			
2016-12-20 01:00:00	0.0000 0.0000	5.0098 5.0098	0.0000 0.0000	0.8797	0.0000 0.0000	8.0566 8.0566	0.0000 0.0000
2016-12-20 01:15:00	0.0000	5.0098	0.0000	0.8391	0.0000	8.0566 8.0566	0.0000
2016-12-20 01:30:00	0.0000	5.0098	0.0000	0.8391	0.0000	8.0566	0.0000
2016-12-20 01:45:00	0.0000	5.0098	0.0000	0.8391	0.0000	8.0566	0.0000
2016-12-20 02:00:00	0.0000	5.0098	0.0000	0.7265	0.0000	8.0566	0.0000
2016-12-20 02:13:00	0.0000	5.0098	0.0000	0.7265	0.0000	8.0566	0.0000
2016-12-20 02:35:00	0.0000	5.0098	0.0000	0.7265	0.0000	8.0566	0.0000
2016-12-20 03:00:00	0.0000	5.0098	0.0000	0.7265	0.0000	8.0566	0.0000
2016-12-20 03:00:00	0.0000	5.0098	0.0000	0.7265	0.0000	8.0566	0.0000
2016-12-20 03:30:00	0.0000	5.0098	0.0000	0.7265	0.0000	8.0566	0.0000
2016-12-20 03:45:00	0.0000	5.0098	0.0000	0.7265	0.0000	8.0566	0.0000
2016-12-20 04:00:00	0.0000	5.0098	0.0000	0.7265	0.0000	8.0566	0.0000
2016-12-20 04:15:00	0.0000	5.0098	0.0000	0.7265	0.0000	8.0566	0.0000
2016-12-20 04:30:00	0.0000	5.0098	0.0000	0.6162	0.0000	8.0566	0.0000
2016-12-20 04:45:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 05:00:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 05:15:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 05:30:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 05:45:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 06:00:00	0.0000	5.0098	0.0000	0.7146	0.0000	8.0566	0.0000
2016-12-20 06:15:00	0.0000	5.0098	0.0000	0.7251	0.0000	8.0566	0.0000
2016-12-20 06:30:00	0.0000	5.0098	0.0000	0.7251	0.0000	8.0566	0.0000
2016-12-20 06:45:00	0.0000	5.0098	0.0000	0.7251	0.0000	8.0566	0.0000
2016-12-20 07:00:00	0.0000	5.0098	0.0000	0.7251	0.0000	8.0566	0.0000
2016-12-20 07:15:00	0.0000	5.0098	0.0000	0.7251	0.0000	8.0566	0.0000
2016-12-20 07:30:00	0.0000	5.0098	0.0000	0.7251	0.0000	8.0566	0.0000
2016-12-20 07:45:00	0.0000	5.0098	0.0000	0.7251	0.0000	8.0566	0.0000
2016-12-20 08:00:00	0.0000	5.0098	0.0000	0.7251	0.0000	8.0566	0.0000
2016-12-20 08:15:00	0.0000	5.0098	0.0000	0.6493	0.0000	8.0566	0.0000
2016-12-20 08:30:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 08:45:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 09:00:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 09:15:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 09:30:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 09:45:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 10:00:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 10:15:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 10:30:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 10:45:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 11:00:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 11:15:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 11:30:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 11:45:00	0.0198	5.0098	0.0001	0.6125	0.0000	8.0566	0.0003
2016-12-20 12:00:00	0.0181	5.0098	0.0001	0.6125	0.0000	8.0566	0.0003
2016-12-20 12:15:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 12:30:00	0.0252	5.0098	0.0001	0.6125	0.0000	8.0566	0.0004
2016-12-20 12:45:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 13:00:00	0.0000	5.0098	0.0000	0.6125	0.0000	8.0566	0.0000
2016-12-20 13:15:00	0.0219	5.0098	0.0001	0.5418	0.0000	8.0566	0.0003
2016-12-20 13:30:00	0.0000	5.0098	0.0000	0.4978	0.0000	8.0566	0.0000
2016-12-20 13:45:00	0.0197	5.0098	0.0001	0.4978	0.0000	8.0566	0.0003
2016-12-20 14:00:00	0.0635	5.0098	0.0003	0.4978	0.0000	8.0566	0.0010
2016-12-20 14:15:00	0.0000	5.0098	0.0000	0.4978	0.0000	8.0566	0.0000
-	0.0207	5.0098	0.0002	0.4978	0.0000	8.0566	0.0006
2016-12-20 14:30:00	0.0387	5.0098	0.0002	0.4376	0.0000	8.0300	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-20 15:00:00	0.0237	5.0098	0.0001	0.4978	0.0000	8.0566	0.0004
2016-12-20 15:15:00	0.0000	5.0098	0.0000	0.4978	0.0000	8.0566	0.0000
2016-12-20 15:30:00	0.1010	5.0098	0.0005	0.4978	0.0001	8.0566	0.0016
2016-12-20 15:45:00	0.0427	5.0098	0.0002	0.4978	0.0000	8.0566	0.0007
2016-12-20 16:00:00	0.0213	5.0098	0.0001	0.4978	0.0000	8.0566	0.0003
2016-12-20 16:15:00	0.0768	5.0098	0.0004	0.4978	0.0000	8.0566	0.0012
2016-12-20 16:30:00	0.0000	5.0098	0.0000	0.4978	0.0000	8.0566	0.0000
2016-12-20 16:45:00	0.0982	5.0098	0.0005	0.4978	0.0000	8.0566	0.0015
2016-12-20 17:00:00	0.1776	5.0098	0.0009	0.4978	0.0001	8.0566	0.0028
2016-12-20 17:15:00	0.0423	5.0098	0.0002	0.4978	0.0000	8.0566	0.0007
2016-12-20 17:30:00	0.3181	5.0098	0.0016	0.4978	0.0002	8.0566	0.0050
2016-12-20 17:45:00	0.4041	5.0098	0.0020	0.4978	0.0002	8.0566	0.0063
2016-12-20 18:00:00	0.3664	5.0098	0.0018	0.4978	0.0002	8.0566	0.0057
2016-12-20 18:15:00	1.6031	5.0098	0.0080 0.0087	0.4978	0.0008 0.0009	8.0566 8.0566	0.0251
2016-12-20 18:30:00	1.7314	5.0098	0.0087	0.4978 0.4978			0.0271
2016-12-20 18:45:00	0.9445	5.0098	0.0047		0.0005	8.0566	0.0148
2016-12-20 19:00:00	0.0000	5.0098		0.4978	0.0000	8.0566	0.0000
2016-12-20 19:15:00 2016-12-20 19:30:00	0.0183 0.0909	5.0098 5.0098	0.0001 0.0005	0.4978 0.4978	0.0000 0.0000	8.0566 8.0566	0.0003 0.0014
2016-12-20 19:45:00 2016-12-20 20:00:00	2.0775 2.9658	5.0098 5.0098	0.0104 0.0149	0.4978 0.4978	0.0010 0.0015	8.0566 8.0566	0.0325 0.0464
2016-12-20 20:00:00 2016-12-20 20:15:00		5.0098	0.0149	0.4978	0.0015	8.0566 8.0566	0.0464
2016-12-20 20:15:00 2016-12-20 20:30:00	3.4311 2.9705	5.0098	0.0172	0.4978	0.0017	8.0566	0.0536
2016-12-20 20:30:00	2.9705	5.0098	0.0149	0.4978	0.0013	8.0566	0.0464
2016-12-20 21:00:00	1.3289	5.0098	0.0067	0.4978	0.0013	8.0566	0.0208
2016-12-20 21:00:00	0.0368	5.0098	0.0067	0.4978	0.0007	8.0566	0.0208
2016-12-20 21:13:00	0.0000	5.0098	0.0002	0.4978	0.0000	8.0566	0.0000
2016-12-20 21:45:00	0.0000	5.0098	0.0000	0.4978	0.0000	8.0566	0.0000
2016-12-20 22:00:00	0.0000	5.0098	0.0000	0.4978	0.0000	8.0566	0.0000
2016-12-20 22:15:00	0.0000	5.0098	0.0000	0.4978	0.0000	8.0566	0.0000
2016-12-20 22:30:00	0.0000	5.0098	0.0000	0.4978	0.0000	8.0566	0.0000
2016-12-20 22:45:00	0.0000	5.0098	0.0000	0.4405	0.0000	8.0566	0.0000
2016-12-20 23:00:00	0.0000	5.0098	0.0000	0.3852	0.0000	8.0566	0.0000
2016-12-20 23:15:00	0.0000	5.0098	0.0000	0.3852	0.0000	8.0566	0.0000
2016-12-20 23:30:00	0.0000	5.0098	0.0000	0.3852	0.0000	8.0566	0.0000
2016-12-20 23:45:00	0.0000	5.0098	0.0000	0.3852	0.0000	8.0566	0.0000
2016-12-21 00:00:00	0.0000	5.0098	0.0000	0.3852	0.0000	8.0566	0.0000
2016-12-21 00:15:00	0.0000	5.0098	0.0000	0.3852	0.0000	8.0566	0.0000
2016-12-21 00:30:00	0.0000	5.0098	0.0000	0.3852	0.0000	8.0566	0.0000
2016-12-21 00:45:00	0.0000	5.0098	0.0000	0.3852	0.0000	8.0566	0.0000
2016-12-21 01:00:00	0.0000	5.0098	0.0000	0.3852	0.0000	8.0566	0.0000
2016-12-21 01:15:00	0.0194	5.0098	0.0001	0.3852	0.0000	8.0566	0.0003
2016-12-21 01:30:00	0.4577	5.0098	0.0023	0.3852	0.0002	8.0566	0.0072
2016-12-21 01:45:00	0.4476	5.0098	0.0022	0.4375	0.0002	8.0566	0.0070
2016-12-21 02:00:00	0.9604	5.0098	0.0048	0.4992	0.0005	8.0566	0.0150
2016-12-21 02:15:00	1.3488	5.0098	0.0068	0.4992	0.0007	8.0566	0.0211
2016-12-21 02:30:00	0.2469	5.0098	0.0012	0.4992	0.0001	8.0566	0.0039
2016-12-21 02:45:00	0.0238	5.0098	0.0001	0.4992	0.0000	8.0566	0.0004
2016-12-21 03:00:00	0.0182	5.0098	0.0001	0.4992	0.0000	8.0566	0.0003
2016-12-21 03:15:00	0.0000	5.0098	0.0000	0.4992	0.0000	8.0566	0.0000
2016-12-21 03:30:00	0.0218	5.0098	0.0001	0.4992	0.0000	8.0566	0.0003
2016-12-21 03:45:00	0.3116	5.0098	0.0016	0.4992	0.0002	8.0566	0.0049
2016-12-21 04:00:00	0.2417	5.0098	0.0012	0.4992	0.0001	8.0566	0.0038
2016-12-21 04:15:00	0.2791	5.0098	0.0014	0.4992	0.0001	8.0566	0.0044
2016-12-21 04:30:00	0.2878	5.0098	0.0014	0.4992	0.0001	8.0566	0.0045
2016-12-21 04:45:00	0.0891	5.0098	0.0004	0.4992	0.0000	8.0566	0.0014
2016-12-21 05:00:00	0.0000	5.0098	0.0000	0.4992	0.0000	8.0566	0.0000
2016-12-21 05:15:00	0.0000	5.0098	0.0000	0.4992	0.0000	8.0566	0.0000
2016-12-21 05:30:00	0.0000	5.0098	0.0000	0.4827	0.0000	8.0566	0.0000
2016-12-21 05:45:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 06:00:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 06:15:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 06:30:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 06:45:00	0.0546	5.0098	0.0003	0.3866	0.0000	8.0566	0.0009
2016-12-21 07:00:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 07:15:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 07:30:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 07:45:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 08:00:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 08:15:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 08:30:00	0.0000	5.0098	0.0000	0.3866	0.0000	8.0566	0.0000
2016-12-21 08:45:00	0.0000	5.0098	0.0000	0.4762	0.0000	8.0566	0.0000
	0.0000	F 0000	0.0000	0.4999	0.0000	8.0566	0.0000
2016-12-21 09:00:00	0.0000	5.0098	0.0000	0.4555	0.0000	0.0300	0.0000
2016-12-21 09:00:00 2016-12-21 09:15:00	0.0000	5.0098	0.0000	0.4999	0.0000	8.0566	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-21 09:45:00	0.3261	5.0098	0.0016	0.5871	0.0002	8.0566	0.0051
2016-12-21 10:00:00	0.6219	5.0098	0.0031	0.6125	0.0004	8.0566	0.0097
2016-12-21 10:15:00	0.8625	5.0098	0.0043	0.6125	0.0005	8.0566	0.0135
2016-12-21 10:30:00	1.2785	5.0098	0.0064	0.6125	0.0008	8.0566	0.0200
2016-12-21 10:45:00	0.8350	5.0098	0.0042	0.6125	0.0005	8.0566	0.0131
2016-12-21 11:00:00	0.1042	5.0098	0.0005	0.5648	0.0001	8.0566	0.0016
2016-12-21 11:15:00	0.0795	5.0098	0.0004	0.4999	0.0000	8.0566	0.0012
2016-12-21 11:30:00	0.0846	5.0098	0.0004	0.4999	0.0000	8.0566	0.0013
2016-12-21 11:45:00	0.0364	5.0098	0.0002	0.4999	0.0000	8.0566	0.0006
2016-12-21 12:00:00	0.0187	5.0098	0.0001	0.4999	0.0000	8.0566	0.0003
2016-12-21 12:15:00	0.0000	5.0098	0.0000	0.4999	0.0000	8.0566	0.0000
2016-12-21 12:30:00	0.0378	5.0098	0.0002	0.4999	0.0000	8.0566	0.0006
2016-12-21 12:45:00	0.1034	5.0098	0.0005	0.4999	0.0001	8.0566	0.0016
2016-12-21 13:00:00	0.6298	5.0098	0.0032	0.4999	0.0003	8.0566	0.0098
2016-12-21 13:15:00	0.3294	5.0098	0.0017	0.4999	0.0002	8.0566	0.0051
2016-12-21 13:30:00	0.1299	5.0098	0.0007	0.4999	0.0001	8.0566	0.0020
2016-12-21 13:45:00	0.4406	5.0098	0.0022	0.4999	0.0002	8.0566	0.0069
2016-12-21 14:00:00	0.6480	5.0098	0.0032	0.4999	0.0003	8.0566	0.0101
2016-12-21 14:15:00	0.6759	5.0098	0.0034	0.4999	0.0003	8.0566	0.0106
2016-12-21 14:30:00	0.8580	5.0098	0.0043	0.4999	0.0004	8.0566	0.0134
2016-12-21 14:45:00	0.3098	5.0098	0.0016	0.4999	0.0002	8.0566	0.0048
2016-12-21 15:00:00	0.1574	5.0098	0.0008 0.0009	0.4999 0.4999	0.0001 0.0001	8.0566 8.0566	0.0025
2016-12-21 15:15:00 2016-12-21 15:30:00	0.1893 0.2554	5.0098 5.0098	0.0009	0.4999	0.0001	8.0566 8.0566	0.0030 0.0040
2016-12-21 15:30:00 2016-12-21 15:45:00	0.2554 0.3355	5.0098	0.0013	0.4999	0.0001	8.0566 8.0566	0.0040
2016-12-21 15:45:00	0.4632	5.0098	0.0017	0.4999	0.0002	8.0566	0.0032
2016-12-21 16:00:00	0.4632	5.0098	0.0023	0.4999	0.0002	8.0566	0.0072
2016-12-21 16:15:00	0.2361	5.0098	0.0013	0.4999	0.0001	8.0566	0.0040
2016-12-21 16:30:00	0.2361	5.0098	0.0012	0.4999	0.0001	8.0566	0.0037
2016-12-21 17:00:00	0.2944	5.0098	0.0007	0.4999	0.0001	8.0566	0.0023
2016-12-21 17:00:00	0.1719	5.0098	0.0013	0.4999	0.0001	8.0566	0.0048
2016-12-21 17:30:00	0.3631	5.0098	0.0003	0.4999	0.0001	8.0566	0.0027
2016-12-21 17:45:00	0.0472	5.0098	0.0018	0.4999	0.0002	8.0566	0.0007
2016-12-21 18:00:00	0.0616	5.0098	0.0003	0.4999	0.0000	8.0566	0.0010
2016-12-21 18:15:00	0.0569	5.0098	0.0003	0.4999	0.0000	8.0566	0.0010
2016-12-21 18:30:00	0.2476	5.0098	0.0012	0.4999	0.0001	8.0566	0.0039
2016-12-21 18:45:00	0.1584	5.0098	0.0008	0.4999	0.0001	8.0566	0.0035
2016-12-21 19:00:00	0.4477	5.0098	0.0022	0.4999	0.0002	8.0566	0.0070
2016-12-21 19:15:00	2.5892	5.0098	0.0130	0.4458	0.0012	8.0566	0.0405
2016-12-21 19:30:00	4.0277	5.0098	0.0202	0.4951	0.0020	8.0566	0.0630
2016-12-21 19:45:00	4.4496	5.0098	0.0223	0.4951	0.0022	8.0566	0.0695
2016-12-21 20:00:00	4.4496	5.0098	0.0223	0.4951	0.0022	8.0566	0.0695
2016-12-21 20:15:00	4.4496	5.0098	0.0223	0.4951	0.0022	8.0566	0.0695
2016-12-21 20:30:00	4.4496	5.0098	0.0223	0.4951	0.0022	8.0566	0.0695
2016-12-21 20:45:00	4.4496	5.0098	0.0223	0.4951	0.0022	8.0566	0.0695
2016-12-21 21:00:00	4.8553	5.0098	0.0243	0.4951	0.0024	8.0566	0.0759
2016-12-21 21:15:00	1.4313	5.0098	0.0072	0.4951	0.0007	8.0566	0.0224
2016-12-21 21:30:00	0.0000	5.0098	0.0000	0.4951	0.0000	8.0566	0.0000
2016-12-21 21:45:00	0.0000	5.0098	0.0000	0.4951	0.0000	8.0566	0.0000
2016-12-21 22:00:00	0.0000	5.0098	0.0000	0.4951	0.0000	8.0566	0.0000
2016-12-21 22:15:00	0.0000	5.0098	0.0000	0.4951	0.0000	8.0566	0.0000
2016-12-21 22:30:00	0.0363	5.0098	0.0002	0.4951	0.0000	8.0566	0.0006
2016-12-21 22:45:00	0.1572	5.0098	0.0008	0.4951	0.0001	8.0566	0.0025
2016-12-21 23:00:00	0.0179	5.0098	0.0001	0.4951	0.0000	8.0566	0.0003
2016-12-21 23:15:00	0.0000	5.0098	0.0000	0.4951	0.0000	8.0566	0.0000
2016-12-21 23:30:00	0.0000	5.0098	0.0000	0.4951	0.0000	8.0566	0.0000
2016-12-21 23:45:00	0.4072	5.0098	0.0020	0.4951	0.0002	8.0566	0.0064
2016-12-22 00:00:00	0.0000	5.0098	0.0000	0.4951	0.0000	8.0566	0.0000
2016-12-22 00:15:00	0.0000	5.0098	0.0000	0.4951	0.0000	8.0566	0.0000
2016-12-22 00:30:00	0.0000	5.0098	0.0000	0.4951	0.0000	8.0566	0.0000
2016-12-22 00:45:00	0.0367	5.0098	0.0002	0.4951	0.0000	8.0566	0.0006
2016-12-22 01:00:00	0.0197	5.0098	0.0001	0.4951	0.0000	8.0566	0.0003
2016-12-22 01:15:00	0.9680	5.0098	0.0048	0.4951	0.0005	8.0566	0.0151
2016-12-22 01:30:00	3.9353	5.0098	0.0197	0.4951	0.0019	8.0566	0.0615
2016-12-22 01:45:00	4.1867	5.0098	0.0210	0.4951	0.0021	8.0566	0.0654
2016-12-22 02:00:00	4.1867	5.0098	0.0210	0.4951	0.0021	8.0566	0.0654
2016-12-22 02:15:00	4.1867	5.0098	0.0210	0.4951	0.0021	8.0566	0.0654
2016-12-22 02:30:00	4.3171	5.0098	0.0216	0.4951	0.0021	8.0566	0.0675
2016-12-22 02:45:00	4.3714	5.0098	0.0219	0.5976	0.0026	8.0566	0.0683
2016-12-22 03:00:00	4.0296	5.0098	0.0202	0.7434	0.0030	8.0566	0.0630
2016-12-22 03:15:00	4.3257	5.0098	0.0217	0.6091	0.0026	8.0566	0.0676
	4 2247	5.0098	0.0217	0.7068	0.0031	8.0566	0.0678
2016-12-22 03:30:00	4.3347	5.0050					
2016-12-22 03:30:00 2016-12-22 03:45:00	4.3347	5.0098	0.0217	0.6638	0.0029	8.0566	0.0678
				0.6638 0.8535	0.0029 0.0037	8.0566 8.0566	0.0678 0.0684

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-22 04:30:00	4.2944	5.0098	0.0215	0.6601	0.0028	8.0566	0.0671
2016-12-22 04:45:00	4.7511	5.0098	0.0238	0.6017	0.0029	8.0566	0.0743
2016-12-22 05:00:00	4.7511	5.0098	0.0238	0.5122	0.0024	8.0566	0.0743
2016-12-22 05:15:00	4.7511	5.0098	0.0238	0.5122	0.0024	8.0566	0.0743
2016-12-22 05:30:00	4.7511	5.0098	0.0238	0.6157	0.0029	8.0566	0.0743
2016-12-22 05:45:00	4.7511	5.0098	0.0238	0.5304	0.0025	8.0566	0.0743
2016-12-22 06:00:00	4.7511	5.0098	0.0238	0.5157	0.0025	8.0566	0.0743
2016-12-22 06:15:00	4.7511	5.0098	0.0238	0.5157	0.0025	8.0566	0.0743
2016-12-22 06:30:00 2016-12-22 06:45:00	4.7511 4.7511	5.0098 5.0098	0.0238 0.0238	0.5157 0.5157	0.0025 0.0025	8.0566 8.0566	0.0743 0.0743
2016-12-22 06:45:00	4.7511	5.0098	0.0238	0.5157	0.0025	8.0566	0.0743
2016-12-22 07:00:00	4.7511	5.0098	0.0238	0.5157	0.0025	8.0566	0.0743
2016-12-22 07:30:00	4.7511	5.0098	0.0238	0.5157	0.0025	8.0566	0.0743
2016-12-22 07:45:00	4.7511	5.0098	0.0238	0.5157	0.0025	8.0566	0.0743
2016-12-22 08:00:00	4.7511	5.0098	0.0238	0.5157	0.0025	8.0566	0.0743
2016-12-22 08:15:00	4.7511	5.0098	0.0238	0.5157	0.0025	8.0566	0.0743
2016-12-22 08:30:00	4.7511	5.0098	0.0238	0.5157	0.0025	8.0566	0.0743
2016-12-22 08:45:00	4.5346	5.0098	0.0227	0.5157	0.0023	8.0566	0.0709
2016-12-22 09:00:00	4.0472	5.0098	0.0203	0.5157	0.0021	8.0566	0.0633
2016-12-22 09:15:00	3.5268	5.0098	0.0177	0.5157	0.0018	8.0566	0.0551
2016-12-22 09:30:00	2.4507	5.0098	0.0123	0.5157	0.0013	8.0566	0.0383
2016-12-22 09:45:00	1.4636	5.0098	0.0073	0.5157	0.0008	8.0566	0.0229
2016-12-22 10:00:00	0.6878	5.0098	0.0034	0.5157	0.0004	8.0566	0.0108
2016-12-22 10:15:00	0.7414	5.0098	0.0037	0.5157	0.0004	8.0566	0.0116
2016-12-22 10:30:00	1.1711	5.0098	0.0059	0.5157	0.0006	8.0566	0.0183
2016-12-22 10:45:00	2.2634	5.0098	0.0113	0.5157	0.0012	8.0566	0.0354
2016-12-22 11:00:00	3.9548	5.0098	0.0198	0.5157	0.0020	8.0566	0.0618
2016-12-22 11:15:00	2.9967	5.0098	0.0150	0.5157	0.0015	8.0566	0.0468
2016-12-22 11:30:00	1.7752	5.0098	0.0089	0.5157	0.0009	8.0566	0.0277
2016-12-22 11:45:00	1.4928	5.0098	0.0075	0.5157	0.0008	8.0566	0.0233
2016-12-22 12:00:00	0.9959	5.0098	0.0050	0.5157	0.0005	8.0566	0.0156
2016-12-22 12:15:00	1.9243	5.0098	0.0096	0.5157	0.0010	8.0566	0.0301
2016-12-22 12:30:00	2.1460	5.0098	0.0108	0.5157	0.0011	8.0566	0.0335
2016-12-22 12:45:00	3.4562	5.0098	0.0173	0.5157	0.0018	8.0566	0.0540
2016-12-22 13:00:00	2.0377	5.0098	0.0102	0.5157	0.0011	8.0566	0.0318
2016-12-22 13:15:00	1.3288	5.0098	0.0067 0.0095	0.5157	0.0007 0.0010	8.0566	0.0208
2016-12-22 13:30:00 2016-12-22 13:45:00	1.8994 2.7512	5.0098 5.0098	0.0095	0.5157 0.5157	0.0010	8.0566 8.0566	0.0297 0.0430
2016-12-22 13:45:00	2.7512	5.0098	0.0138	0.5157	0.0014	8.0566	0.0430
2016-12-22 14:00:00	2.1273	5.0098	0.0142	0.5157	0.0013	8.0566	0.0333
2016-12-22 14:30:00	3.1581	5.0098	0.0158	0.5157	0.0011	8.0566	0.0494
2016-12-22 14:45:00	4.3349	5.0098	0.0217	0.5157	0.0022	8.0566	0.0678
2016-12-22 15:00:00	4.8884	5.0098	0.0245	0.4080	0.0020	8.0566	0.0764
2016-12-22 15:15:00	4.7493	5.0098	0.0238	0.4179	0.0020	8.0566	0.0742
2016-12-22 15:30:00	3.6718	5.0098	0.0184	0.3750	0.0014	8.0566	0.0574
2016-12-22 15:45:00	2.9111	5.0098	0.0146	0.4491	0.0013	8.0566	0.0455
2016-12-22 16:00:00	2.8074	5.0098	0.0141	0.3124	0.0009	8.0566	0.0439
2016-12-22 16:15:00	1.8033	5.0098	0.0090	0.3529	0.0006	8.0566	0.0282
2016-12-22 16:30:00	1.1550	5.0098	0.0058	0.4501	0.0005	8.0566	0.0181
2016-12-22 16:45:00	1.8796	5.0098	0.0094	0.5033	0.0009	8.0566	0.0294
2016-12-22 17:00:00	3.5963	5.0098	0.0180	0.4087	0.0015	8.0566	0.0562
2016-12-22 17:15:00	2.7864	5.0098	0.0140	0.1634	0.0005	8.0566	0.0436
2016-12-22 17:30:00	1.1323	5.0098	0.0057	0.4096	0.0005	8.0566	0.0177
2016-12-22 17:45:00	0.1219	5.0098	0.0006	0.4731	0.0001	8.0566	0.0019
2016-12-22 18:00:00	0.0189	5.0098	0.0001	0.4731	0.0000	8.0566	0.0003
2016-12-22 18:15:00	0.1298	5.0098	0.0007	0.4731	0.0001	8.0566	0.0020
2016-12-22 18:30:00	0.1067	5.0098	0.0005	0.4731	0.0001	8.0566	0.0017
2016-12-22 18:45:00	0.3485	5.0098	0.0017	0.4731	0.0002	8.0566	0.0054
2016-12-22 19:00:00	0.2977	5.0098	0.0015	0.4731	0.0001	8.0566	0.0047
2016-12-22 19:15:00	0.3948	5.0098	0.0020	0.4731	0.0002	8.0566	0.0062
2016-12-22 19:30:00 2016-12-22 19:45:00	0.2497 0.0366	5.0098 5.0098	0.0013 0.0002	0.4731 0.4731	0.0001 0.0000	8.0566 8.0566	0.0039 0.0006
2016-12-22 19:45:00	0.0366	5.0098	0.0002	0.4731	0.0000	8.0566	0.0006
2016-12-22 20:00:00	0.3367	5.0098	0.0004	0.4731	0.0000	8.0566	0.0012
2016-12-22 20:30:00	0.6387	5.0098	0.0017	0.4731	0.0002	8.0566	0.0100
2016-12-22 20:45:00	0.8177	5.0098	0.0032	0.4731	0.0003	8.0566	0.0128
2016-12-22 21:00:00	0.7537	5.0098	0.0038	0.4731	0.0004	8.0566	0.0118
2016-12-22 21:15:00	1.1044	5.0098	0.0055	0.4731	0.0005	8.0566	0.0173
2016-12-22 21:30:00	0.0730	5.0098	0.0004	0.4731	0.0000	8.0566	0.0011
2016-12-22 21:45:00	0.3310	5.0098	0.0017	0.4731	0.0002	8.0566	0.0052
2016-12-22 22:00:00	0.2278	5.0098	0.0011	0.4731	0.0001	8.0566	0.0036
	0.2277	5.0098	0.0011	0.4731	0.0001	8.0566	0.0036
2016-12-22 22:15:00	0.2277						
2016-12-22 22:15:00 2016-12-22 22:30:00	1.9340	5.0098	0.0097	0.4731	0.0009	8.0566	0.0302
			0.0097 0.0130	0.4731 0.4731	0.0009 0.0012	8.0566 8.0566	0.0302 0.0405

		Point Source Air Emissions - A2 Nitric Acid Stack							
Parameter	Volumetric Flow Rate		Ox	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2016-12-22 23:15:00	2.6477	5.0098	0.0133	0.4731	0.0013	8.0566	0.0414		
2016-12-22 23:30:00	3.4933	5.0098	0.0175	0.4731	0.0017	8.0566	0.0546		
2016-12-22 23:45:00	3.6248	5.0098	0.0182	0.4731	0.0017	8.0566	0.0567		
2016-12-23 00:00:00	4.0743	5.0098	0.0204	0.4731	0.0019	8.0566	0.0637		
2016-12-23 00:15:00	4.0727	5.0098	0.0204	0.4731	0.0019	8.0566	0.0637		
2016-12-23 00:30:00	4.0680	5.0098	0.0204	0.4731	0.0019	8.0566	0.0636		
2016-12-23 00:45:00	4.1746	5.0098	0.0209	0.4731	0.0020	8.0566	0.0652		
2016-12-23 01:00:00	4.3161	5.0098	0.0216	0.4731	0.0020	8.0566	0.0675		
2016-12-23 01:15:00	4.4600	5.0098	0.0223	0.4731	0.0021	8.0566	0.0697		
2016-12-23 01:30:00	4.4316	5.0098	0.0222	0.4731	0.0021	8.0566	0.0693		
2016-12-23 01:45:00	4.4482	5.0098	0.0223	0.4731	0.0021	8.0566	0.0695		
2016-12-23 02:00:00	4.7750	5.0098	0.0239	0.4731	0.0023	8.0566	0.0746		
2016-12-23 02:15:00	4.6867	5.0098	0.0235 0.0234	0.4731	0.0022 0.0022	8.0566	0.0733		
2016-12-23 02:30:00 2016-12-23 02:45:00	4.6726 4.9206	5.0098 5.0098	0.0234	0.4731 0.4731	0.0022	8.0566 8.0566	0.0730 0.0769		
2016-12-23 02:43:00	4.8061	5.0098	0.0247	0.4731	0.0023	8.0566	0.0751		
2016-12-23 03:00:00	4.3637	5.0098	0.0241	0.4731	0.0023	8.0566	0.0682		
2016-12-23 03:30:00	4.3637	5.0098	0.0219	0.4731	0.0021	8.0566	0.0682		
2016-12-23 03:45:00	4.3637	5.0098	0.0219	0.4731	0.0021	8.0566	0.0682		
2016-12-23 04:00:00	4.3637	5.0098	0.0219	0.4731	0.0021	8.0566	0.0682		
2016-12-23 04:05:00	4.3637	5.0098	0.0219	0.4731	0.0021	8.0566	0.0682		
2016-12-23 04:30:00	4.2319	5.0098	0.0213	0.4731	0.0021	8.0566	0.0661		
2016-12-23 04:45:00	4.1947	5.0098	0.0212	0.4731	0.0020	8.0566	0.0656		
2016-12-23 05:00:00	4.0074	5.0098	0.0210	0.4731	0.0020	8.0566	0.0626		
2016-12-23 05:15:00	4.4068	5.0098	0.0201	0.4731	0.0013	8.0566	0.0689		
2016-12-23 05:30:00	4.4068	5.0098	0.0221	0.4731	0.0021	8.0566	0.0689		
2016-12-23 05:45:00	4.4187	5.0098	0.0221	0.4731	0.0021	8.0566	0.0691		
2016-12-23 06:00:00	4.3830	5.0098	0.0220	0.4731	0.0021	8.0566	0.0685		
2016-12-23 06:15:00	4.1652	5.0098	0.0209	0.4731	0.0020	8.0566	0.0651		
2016-12-23 06:30:00	4.0789	5.0098	0.0204	0.4731	0.0019	8.0566	0.0638		
2016-12-23 06:45:00	3.9496	5.0098	0.0198	0.4731	0.0019	8.0566	0.0617		
2016-12-23 07:00:00	3.7995	5.0098	0.0190	0.4731	0.0018	8.0566	0.0594		
2016-12-23 07:15:00	3.9147	5.0098	0.0196	0.4731	0.0019	8.0566	0.0612		
2016-12-23 07:30:00	3.8488	5.0098	0.0193	0.4731	0.0018	8.0566	0.0602		
2016-12-23 07:45:00	3.6894	5.0098	0.0185	0.4731	0.0017	8.0566	0.0577		
2016-12-23 08:00:00	2.5406	5.0098	0.0127	0.5303	0.0013	8.0566	0.0397		
2016-12-23 08:15:00	1.5449	5.0098	0.0077	0.5864	0.0009	8.0566	0.0241		
2016-12-23 08:30:00	0.5675	5.0098	0.0028	0.5864	0.0003	8.0566	0.0089		
2016-12-23 08:45:00	1.5583	5.0098	0.0078	0.5864	0.0009	8.0566	0.0244		
2016-12-23 09:00:00	0.7021	5.0098	0.0035	0.5566	0.0004	8.0566	0.0110		
2016-12-23 09:15:00	0.2053	5.0098	0.0010	0.4717	0.0001	8.0566	0.0032		
2016-12-23 09:30:00	0.1312	5.0098	0.0007	0.4717	0.0001	8.0566	0.0021		
2016-12-23 09:45:00	0.6682	5.0098	0.0033	0.4717	0.0003	8.0566	0.0104		
2016-12-23 10:00:00	0.7977	5.0098	0.0040	0.4717	0.0004	8.0566	0.0125		
2016-12-23 10:15:00	1.1718	5.0098	0.0059	0.4717	0.0006	8.0566	0.0183		
2016-12-23 10:30:00	1.7636	5.0098	0.0088	0.4717	0.0008	8.0566	0.0276		
2016-12-23 10:45:00	1.3827	5.0098	0.0069	0.4650	0.0006	8.0566	0.0216		
2016-12-23 11:00:00	2.3218	5.0098	0.0116	0.4738	0.0011	8.0566	0.0363		
2016-12-23 11:15:00	2.9202	5.0098	0.0146	0.4738	0.0014	8.0566	0.0456		
2016-12-23 11:30:00	3.2233	5.0098	0.0161	0.4738	0.0015	8.0566	0.0504		
2016-12-23 11:45:00	3.2037	5.0098	0.0160	0.4738	0.0015	8.0566	0.0501		
2016-12-23 12:00:00	3.6788	5.0098	0.0184	0.4738	0.0017	8.0566	0.0575		
2016-12-23 12:15:00	3.7710	5.0098	0.0189	0.4738	0.0018	8.0566	0.0589		
2016-12-23 12:30:00	2.0823	5.0098	0.0104	0.4738	0.0010	8.0566	0.0325		
2016-12-23 12:45:00	2.3692	5.0098	0.0119	0.4738	0.0011	8.0566	0.0370		
2016-12-23 13:00:00	3.3573	5.0098	0.0168	0.4738	0.0016	8.0566	0.0525		
2016-12-23 13:15:00	3.1625	5.0098	0.0158	0.5555	0.0018	8.0566	0.0494		
2016-12-23 13:30:00	2.1915	5.0098	0.0110	0.4388	0.0010	8.0566	0.0343		
2016-12-23 13:45:00	1.8889	5.0098	0.0095	0.4388	0.0008	8.0566	0.0295		
2016-12-23 14:00:00	2.8054	5.0098	0.0141	0.4388	0.0012	8.0566	0.0438		
2016-12-23 14:15:00	3.5193	5.0098	0.0176	0.4388	0.0015	8.0566	0.0550		
2016-12-23 14:30:00	2.6694	5.0098	0.0134	0.4388	0.0012	8.0566	0.0417		
2016-12-23 14:45:00	1.3001	5.0098	0.0065	0.4388	0.0006	8.0566	0.0203		
2016-12-23 15:00:00	1.4369	5.0098	0.0072	0.4388	0.0006	8.0566	0.0225		
2016-12-23 15:15:00	1.3736	5.0098	0.0069	0.4388	0.0006	8.0566	0.0215		
2016-12-23 15:30:00	1.6223	5.0098	0.0081	0.3673	0.0006	8.0566	0.0254		
2016-12-23 15:45:00	2.2351	5.0098	0.0112	0.2982	0.0007	8.0566	0.0349		
2016-12-23 16:00:00	2.5723	5.0098	0.0129	0.4498	0.0012	8.0566	0.0402		
2016-12-23 16:15:00	2.8691	5.0098	0.0144	0.1425	0.0004	8.0566	0.0448		
2016-12-23 16:30:00	2.4945	5.0098	0.0125	0.0156	0.0000	8.0566	0.0390		
2016-12-23 16:45:00	1.0131	5.0098	0.0051	0.0131	0.0000	8.0566	0.0158		
2016-12-23 17:00:00	0.5607	5.0098	0.0028	0.1868	0.0001	8.0566	0.0088		
2016-12-23 17:15:00	0.3581	5.0098	0.0018	0.1687	0.0001	8.0566	0.0056		
2016-12-23 17:30:00	0.3848	5.0098	0.0019	0.1143	0.0000	8.0566	0.0060		
2016-12-23 17:45:00	0.8472	5.0098	0.0042	0.2825	0.0002	8.0566	0.0132		

		Point Source Air E	missions - A2 Nitric					
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-12-23 18:00:00	0.6145	5.0098	0.0031	0.3429	0.0002	8.0566	0.0096	
2016-12-23 18:15:00	0.4894	5.0098	0.0025	0.3505	0.0002	8.0566	0.0076	
2016-12-23 18:30:00	0.4852	5.0098	0.0024	0.3658	0.0002	8.0566	0.0076	
2016-12-23 18:45:00	0.5807	5.0098	0.0029	0.3379	0.0002	8.0566	0.0091	
2016-12-23 19:00:00	0.4012	5.0098	0.0020	0.3778	0.0002	8.0566	0.0063	
2016-12-23 19:15:00	0.3620	5.0098	0.0018	0.2825	0.0001	8.0566	0.0057	
2016-12-23 19:30:00	0.4453	5.0098	0.0022	0.3691	0.0002	8.0566	0.0070	
2016-12-23 19:45:00	1.1193	5.0098	0.0056	0.4133	0.0005	8.0566	0.0175	
2016-12-23 20:00:00	1.1328	5.0098	0.0057	0.4335	0.0005	8.0566	0.0177	
2016-12-23 20:15:00	1.0798	5.0098	0.0054	0.4573	0.0005	8.0566	0.0169	
2016-12-23 20:30:00	0.6248	5.0098	0.0031	0.3930	0.0002	8.0566	0.0098	
2016-12-23 20:45:00	0.9312	5.0098	0.0047	0.4381	0.0004	8.0566	0.0146	
2016-12-23 21:00:00	0.2766	5.0098	0.0014	0.3550	0.0001	8.0566	0.0043	
2016-12-23 21:15:00	1.0140	5.0098	0.0051	0.3255	0.0003	8.0566	0.0158	
2016-12-23 21:30:00	2.7587	5.0098	0.0138	0.3622	0.0010	8.0566	0.0431	
2016-12-23 21:45:00	2.0868	5.0098	0.0105	0.4388	0.0009	8.0566	0.0326	
2016-12-23 22:00:00	3.5266	5.0098	0.0177	0.4388	0.0015	8.0566	0.0551	
2016-12-23 22:15:00	1.9354	5.0098	0.0097	0.4388	0.0008	8.0566	0.0303	
2016-12-23 22:30:00	1.8015	5.0098	0.0090	0.4388	0.0008	8.0566	0.0282	
2016-12-23 22:45:00	0.8049	5.0098	0.0040	0.4388	0.0004	8.0566	0.0126	
2016-12-23 23:00:00	0.6331	5.0098	0.0032	0.4388	0.0003	8.0566	0.0099	
2016-12-23 23:15:00	0.2411	5.0098	0.0012	0.4388	0.0001	8.0566 8.0566	0.0038	
2016-12-23 23:30:00	0.1465 0.2852	5.0098 5.0098	0.0007 0.0014	0.4388 0.4388	0.0001 0.0001	8.0566 8.0566	0.0023 0.0045	
2016-12-23 23:45:00 2016-12-24 00:00:00	0.2852	5.0098	0.0014	0.4388	0.0001	8.0566 8.0566	0.0045	
2016-12-24 00:00:00	0.1799	5.0098	0.0009	0.4388	0.0001	8.0566	0.0028	
2016-12-24 00:15:00 2016-12-24 00:30:00	0.1415 0.2459	5.0098	0.0007	0.4388	0.0001	8.0566 8.0566	0.0022	
2016-12-24 00:30:00	0.4567	5.0098	0.0012	0.4223	0.0001	8.0566	0.0038	
2016-12-24 00:45:00	0.4567	5.0098	0.0023	0.4223	0.0002	8.0566	0.0071	
2016-12-24 01:00:00	0.3702	5.0098	0.0028	0.4223	0.0002	8.0566	0.0058	
2016-12-24 01:13:00	0.4962	5.0098	0.0015	0.4223	0.0002	8.0566	0.0038	
2016-12-24 01:35:00	0.2819	5.0098	0.0023	0.4223	0.0002	8.0566	0.0078	
2016-12-24 02:00:00	0.5271	5.0098	0.0014	0.4223	0.0001	8.0566	0.0044	
2016-12-24 02:05:00	0.7522	5.0098	0.0020	0.4223	0.0002	8.0566	0.0118	
2016-12-24 02:30:00	2.3137	5.0098	0.0116	0.4223	0.0010	8.0566	0.0362	
2016-12-24 02:45:00	3.4518	5.0098	0.0173	0.4223	0.0015	8.0566	0.0540	
2016-12-24 03:00:00	2.6062	5.0098	0.0173	0.4223	0.0013	8.0566	0.0407	
2016-12-24 03:15:00	3.7769	5.0098	0.0189	0.4223	0.0016	8.0566	0.0590	
2016-12-24 03:30:00	4.0375	5.0098	0.0202	0.4223	0.0017	8.0566	0.0631	
2016-12-24 03:45:00	4.1260	5.0098	0.0207	0.4223	0.0017	8.0566	0.0645	
2016-12-24 04:00:00	4.1260	5.0098	0.0207	0.4223	0.0017	8.0566	0.0645	
2016-12-24 04:15:00	4.1260	5.0098	0.0207	0.4223	0.0017	8.0566	0.0645	
2016-12-24 04:30:00	4.1566	5.0098	0.0208	0.4223	0.0018	8.0566	0.0650	
2016-12-24 04:45:00	4.6165	5.0098	0.0231	0.4223	0.0019	8.0566	0.0722	
2016-12-24 05:00:00	4.6165	5.0098	0.0231	0.4223	0.0019	8.0566	0.0722	
2016-12-24 05:15:00	4.6165	5.0098	0.0231	0.4223	0.0019	8.0566	0.0722	
2016-12-24 05:30:00	4.6165	5.0098	0.0231	0.4223	0.0019	8.0566	0.0722	
2016-12-24 05:45:00	4.4626	5.0098	0.0224	0.4223	0.0019	8.0566	0.0697	
2016-12-24 06:00:00	4.4587	5.0098	0.0223	0.4223	0.0019	8.0566	0.0697	
2016-12-24 06:15:00	4.2777	5.0098	0.0214	0.4223	0.0018	8.0566	0.0669	
2016-12-24 06:30:00	4.0340	5.0098	0.0202	0.4223	0.0017	8.0566	0.0631	
2016-12-24 06:45:00	4.1562	5.0098	0.0208	0.4223	0.0018	8.0566	0.0650	
2016-12-24 07:00:00	4.3233	5.0098	0.0217	0.4223	0.0018	8.0566	0.0676	
2016-12-24 07:15:00	4.4301	5.0098	0.0222	0.4223	0.0019	8.0566	0.0692	
2016-12-24 07:30:00	4.5339	5.0098	0.0227	0.4223	0.0019	8.0566	0.0709	
2016-12-24 07:45:00	3.9139	5.0098	0.0196	0.4223	0.0017	8.0566	0.0612	
2016-12-24 08:00:00	3.2079	5.0098	0.0161	0.4223	0.0014	8.0566	0.0501	
2016-12-24 08:15:00	1.0949	5.0098	0.0055	0.4223	0.0005	8.0566	0.0171	
2016-12-24 08:30:00	0.1991	5.0098	0.0010	0.4223	0.0001	8.0566	0.0031	
2016-12-24 08:45:00	0.0603	5.0098	0.0003	0.4223	0.0000	8.0566	0.0009	
2016-12-24 09:00:00	0.0180	5.0098	0.0001	0.4223	0.0000	8.0566	0.0003	
2016-12-24 09:15:00	0.0000	5.0098	0.0000	0.4223	0.0000	8.0566	0.0000	
2016-12-24 09:30:00	0.0193	5.0098	0.0001	0.4223	0.0000	8.0566	0.0003	
2016-12-24 09:45:00	0.0000	5.0098	0.0000	0.4223	0.0000	8.0566	0.0000	
2016-12-24 10:00:00	0.0804	5.0098	0.0004	0.4223	0.0000	8.0566	0.0013	
2016-12-24 10:15:00	0.1446	5.0098	0.0007	0.4223	0.0001	8.0566	0.0023	
2016-12-24 10:30:00	0.1229	5.0098	0.0006	0.4223	0.0001	8.0566	0.0019	
2016-12-24 10:45:00	0.0381	5.0098	0.0002	0.4223	0.0000	8.0566	0.0006	
2016-12-24 11:00:00	0.1773	5.0098	0.0009	0.4223	0.0001	8.0566	0.0028	
2016-12-24 11:15:00	0.5298	5.0098	0.0027	0.4223	0.0002	8.0566	0.0083	
2016-12-24 11:30:00	0.6389	5.0098	0.0032	0.4223	0.0003	8.0566	0.0100	
2016-12-24 11:45:00	0.8361	5.0098	0.0042	0.4223	0.0004	8.0566	0.0131	
i l	1.0154	5.0098	0.0051	0.4223	0.0004	8.0566	0.0159	
2016-12-24 12:00:00	1.0154	3.0038						
2016-12-24 12:00:00 2016-12-24 12:15:00	1.1992	5.0098	0.0060	0.4223	0.0005	8.0566	0.0187	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-24 12:45:00	4.1873	5.0098	0.0210	0.4223	0.0018	8.0566	0.0654
2016-12-24 13:00:00	4.5476	5.0098	0.0228	0.4223	0.0019	8.0566	0.0711
2016-12-24 13:15:00	4.1635	5.0098	0.0209	0.4223	0.0018	8.0566	0.0651
2016-12-24 13:30:00	3.7520	5.0098	0.0188	0.4223	0.0016	8.0566	0.0586
2016-12-24 13:45:00	3.4603	5.0098	0.0173	0.4223	0.0015	8.0566	0.0541
2016-12-24 14:00:00	2.7724	5.0098	0.0139	0.4223	0.0012	8.0566	0.0433
2016-12-24 14:15:00	2.5664	5.0098	0.0129	0.4223	0.0011	8.0566	0.0401
2016-12-24 14:30:00	3.4609	5.0098	0.0173	0.4223	0.0015	8.0566	0.0541
2016-12-24 14:45:00	3.3352	5.0098	0.0167	0.4223	0.0014	8.0566	0.0521
2016-12-24 15:00:00	1.2413	5.0098	0.0062	0.4223	0.0005	8.0566	0.0194
2016-12-24 15:15:00	0.7909	5.0098	0.0040	0.4223	0.0003	8.0566	0.0124
2016-12-24 15:30:00	1.2494	5.0098	0.0063	0.4223	0.0005	8.0566	0.0195
2016-12-24 15:45:00	1.6856	5.0098	0.0084	0.4223	0.0007	8.0566	0.0263
2016-12-24 16:00:00	2.2024	5.0098	0.0110	0.3450	0.0008	8.0566	0.0344
2016-12-24 16:15:00	2.6015	5.0098	0.0130	0.3021	0.0008	8.0566	0.0407
2016-12-24 16:30:00	1.2719	5.0098	0.0064	0.3323	0.0004	8.0566	0.0199
2016-12-24 16:45:00	0.5552	5.0098	0.0028	0.4379	0.0002	8.0566	0.0087
2016-12-24 17:00:00	0.1283	5.0098	0.0006	0.4449	0.0001	8.0566	0.0020
2016-12-24 17:15:00	0.1817	5.0098	0.0009	0.4449	0.0001	8.0566	0.0028
2016-12-24 17:30:00	0.0997	5.0098	0.0005	0.4449	0.0000	8.0566	0.0016
2016-12-24 17:45:00	0.0209	5.0098	0.0001	0.4449	0.0000	8.0566	0.0003
2016-12-24 18:00:00	0.0975	5.0098	0.0005	0.4449	0.0000	8.0566	0.0015
2016-12-24 18:15:00	0.0449	5.0098	0.0002	0.4449	0.0000	8.0566	0.0007
2016-12-24 18:30:00	0.0000	5.0098	0.0000	0.4449	0.0000	8.0566	0.0000
2016-12-24 18:45:00	0.1424	5.0098	0.0007	0.4449	0.0001	8.0566	0.0022
2016-12-24 19:00:00	0.1724	5.0098	0.0009	0.4449	0.0001	8.0566	0.0027
2016-12-24 19:15:00	0.6126	5.0098	0.0031	0.4449	0.0003	8.0566	0.0096
2016-12-24 19:30:00	0.4772	5.0098	0.0024	0.3731	0.0002	8.0566	0.0075
2016-12-24 19:45:00	0.6967	5.0098	0.0035	0.4017	0.0003	8.0566	0.0109
2016-12-24 20:00:00	1.0807	5.0098	0.0054	0.4017	0.0004	8.0566	0.0169
2016-12-24 20:15:00	2.1460	5.0098	0.0108	0.4017	0.0009	8.0566	0.0335
2016-12-24 20:30:00	0.3255	5.0098	0.0016	0.4017	0.0001	8.0566	0.0051
2016-12-24 20:45:00	0.4243	5.0098	0.0021	0.4017	0.0002	8.0566	0.0066
2016-12-24 21:00:00	0.1491	5.0098	0.0007	0.4017	0.0001	8.0566	0.0023
2016-12-24 21:15:00	1.1305	5.0098	0.0057	0.4017	0.0005	8.0566	0.0177
2016-12-24 21:30:00	1.4564	5.0098	0.0073	0.4017	0.0006	8.0566	0.0228
2016-12-24 21:45:00	1.6833	5.0098	0.0084	0.4017	0.0007	8.0566	0.0263
2016-12-24 22:00:00	0.6199	5.0098	0.0031	0.4017	0.0002	8.0566	0.0097 0.0129
2016-12-24 22:15:00	0.8248	5.0098	0.0041	0.4017	0.0003	8.0566	
2016-12-24 22:30:00	0.1028	5.0098	0.0005	0.4017	0.0000	8.0566	0.0016
2016-12-24 22:45:00	0.2186	5.0098	0.0011	0.4017	0.0001	8.0566	0.0034
2016-12-24 23:00:00	0.4611	5.0098	0.0023	0.4017	0.0002	8.0566	0.0072
2016-12-24 23:15:00	0.0576	5.0098	0.0003	0.4017	0.0000	8.0566	0.0009
2016-12-24 23:30:00	0.0364	5.0098	0.0002	0.4017	0.0000	8.0566	0.0006
2016-12-24 23:45:00	0.0490 0.0076	5.0098	0.0002 0.0000	0.4017	0.0000 0.0000	8.0566	0.0008 0.0001
2016-12-25 00:00:00 2016-12-25 00:15:00		5.0098		0.4017		8.0566	
	0.0805	5.0098	0.0004	0.4017	0.0000	8.0566	0.0013
2016-12-25 00:30:00	0.0365 0.1351	5.0098 5.0098	0.0002 0.0007	0.4017 0.4017	0.0000 0.0001	8.0566 8.0566	0.0006 0.0021
2016-12-25 00:45:00 2016-12-25 01:00:00	0.1351	5.0098	0.0007	0.4017	0.0001	8.0566	0.0021
2016-12-25 01:00:00 2016-12-25 01:15:00		5.0098	0.0014	0.4017	0.0001	8.0566 8.0566	0.0043
2016-12-25 01:15:00	1.2100 2.7700	5.0098	0.0061	0.4017	0.0005	8.0566	0.0189
2016-12-25 01:30:00	4.0047	5.0098	0.0139	0.4017	0.0011	8.0566	0.0433
2016-12-25 01:45:00	4.0047 3.5176	5.0098	0.0201	0.4017	0.0016	8.0566	0.0550
2016-12-25 02:00:00	3.3880	5.0098	0.0176	0.4017	0.0014	8.0566	0.0530
2016-12-25 02:15:00	4.0093	5.0098	0.0170	0.4017	0.0014	8.0566	0.0530
2016-12-25 02:30:00	4.2167	5.0098	0.0201	0.4017	0.0016	8.0566	0.0627
2016-12-25 02:45:00	4.2167	5.0098	0.0211	0.4017	0.0017	8.0566	0.0659
2016-12-25 03:00:00	4.4738	5.0098	0.0211	0.4017	0.0017	8.0566	0.0699
2016-12-25 03:15:00	4.4738 4.1862	5.0098	0.0224	0.4017	0.0018	8.0566	0.0654
2016-12-25 03:30:00	4.1862	5.0098	0.0210	0.4017	0.0017	8.0566	0.0654
2016-12-25 03:45:00	4.2831 4.2966	5.0098	0.0215	0.4017	0.0017	8.0566	0.0669
2016-12-25 04:00:00	4.2966	5.0098	0.0215	0.4017	0.0017	8.0566	0.0672
2016-12-25 04:15:00	4.3639	5.0098	0.0216	0.4017	0.0017	8.0566	0.0674
2016-12-25 04:30:00	4.3639	5.0098	0.0219	0.4017	0.0018	8.0566	0.0695
2016-12-25 04:45:00		5.0098	0.0223	0.4017	0.0018	8.0566	0.0695
	4.4175 4.2204	5.0098	0.0221	0.4017	0.0018	8.0566 8.0566	0.0690
2016-12-25 05:15:00			0.0211	0.4017	0.0017		
2016-12-25 05:30:00	4.1683	5.0098				8.0566 8.0566	0.0651
2016-12-25 05:45:00	3.8444	5.0098	0.0193	0.4017	0.0015	8.0566	0.0601
2016-12-25 06:00:00	3.3830	5.0098	0.0169	0.4017	0.0014	8.0566	0.0529
2016-12-25 06:15:00	3.5249	5.0098	0.0177	0.4017	0.0014	8.0566	0.0551
2016-12-25 06:30:00	2.9583	5.0098	0.0148	0.4017	0.0012	8.0566	0.0462
2016-12-25 06:45:00	2.6663	5.0098	0.0134	0.4017	0.0011	8.0566	0.0417
2016-12-25 07:00:00	3.0362	5.0098	0.0152	0.4017	0.0012	8.0566	0.0475
2016-12-25 07:15:00	3.0674	5.0098	0.0154	0.4017	0.0012	8.0566	0.0479

		Point Source Air E	Point Source Air Emissions - A2 Nitric Acid Stack						
Parameter	Volumetric Flow Rate		Ох	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2016-12-25 07:30:00	1.8231	5.0098	0.0091	0.4245	0.0008	8.0566	0.0285		
2016-12-25 07:45:00	2.4117	5.0098	0.0121	0.3811	0.0009	8.0566	0.0377		
2016-12-25 08:00:00	1.2981	5.0098	0.0065	0.4832	0.0006	8.0566	0.0203		
2016-12-25 08:15:00	0.0950	5.0098	0.0005	0.3856	0.0000	8.0566	0.0015		
2016-12-25 08:30:00	0.0179	5.0098	0.0001	0.2540	0.0000	8.0566	0.0003		
2016-12-25 08:45:00	0.2642	5.0098	0.0013	0.3486	0.0001	8.0566	0.0041		
2016-12-25 09:00:00	0.2526	5.0098	0.0013	0.4196	0.0001	8.0566	0.0039		
2016-12-25 09:15:00	0.0000	5.0098	0.0000	0.1954	0.0000	8.0566	0.0000		
2016-12-25 09:30:00	0.0743	5.0098	0.0004	0.3287	0.0000	8.0566	0.0012		
2016-12-25 09:45:00	0.0552	5.0098	0.0003	0.3583	0.0000	8.0566	0.0009		
2016-12-25 10:00:00	0.0832	5.0098	0.0004	0.3184	0.0000	8.0566	0.0013		
2016-12-25 10:15:00	0.4468	5.0098	0.0022	0.3138	0.0001	8.0566	0.0070		
2016-12-25 10:30:00	0.6796	5.0098	0.0034	0.3611	0.0002	8.0566	0.0106		
2016-12-25 10:45:00	1.5648	5.0098	0.0078	0.4353	0.0007	8.0566	0.0245		
2016-12-25 11:00:00	1.9421	5.0098	0.0097	0.4353	0.0008	8.0566	0.0304		
2016-12-25 11:15:00	1.6669	5.0098	0.0084	0.4353	0.0007	8.0566	0.0261		
2016-12-25 11:30:00	2.0964	5.0098	0.0105	0.4353	0.0009	8.0566	0.0328		
2016-12-25 11:45:00	1.4208	5.0098	0.0071	0.4353	0.0006	8.0566	0.0222		
2016-12-25 12:00:00	0.5364	5.0098	0.0027	0.5197	0.0003	8.0566	0.0084		
2016-12-25 12:15:00	0.3189	5.0098	0.0016	0.4661	0.0001	8.0566	0.0050		
2016-12-25 12:30:00	0.2844	5.0098	0.0014	0.4216	0.0001	8.0566	0.0044		
2016-12-25 12:45:00	0.6612	5.0098	0.0033	0.4033	0.0003	8.0566	0.0103		
2016-12-25 13:00:00	0.5883	5.0098	0.0029	0.3444	0.0002	8.0566	0.0092		
2016-12-25 13:15:00	0.9513	5.0098	0.0048	0.3863	0.0004	8.0566	0.0149		
2016-12-25 13:30:00	0.2489	5.0098	0.0012	0.3948	0.0001	8.0566	0.0039		
2016-12-25 13:45:00	0.2134	5.0098	0.0011	0.3127	0.0001	8.0566	0.0033		
2016-12-25 14:00:00	0.4563	5.0098	0.0023	0.3440	0.0002	8.0566	0.0071		
2016-12-25 14:15:00	0.7732	5.0098	0.0039	0.2154	0.0002	8.0566	0.0121		
2016-12-25 14:30:00	0.1722	5.0098	0.0009	0.0819	0.0000	8.0566	0.0027		
2016-12-25 14:45:00	0.4785	5.0098	0.0024	0.1513	0.0001	8.0566	0.0075		
2016-12-25 15:00:00	0.7822	5.0098	0.0039	0.0764	0.0001	8.0566	0.0122		
2016-12-25 15:15:00	0.4790	5.0098	0.0024	0.1017	0.0000	8.0566	0.0075		
2016-12-25 15:30:00	0.2118	5.0098	0.0011	0.1097	0.0000	8.0566	0.0033		
2016-12-25 15:45:00	0.5500	5.0098	0.0028	0.0677	0.0000	8.0566	0.0086		
2016-12-25 16:00:00	0.1582	5.0098	0.0008	0.0763 0.0677	0.0000	8.0566	0.0025 0.0012		
2016-12-25 16:15:00	0.0774	5.0098 5.0098	0.0004 0.0039	0.0977	0.0000 0.0001	8.0566 8.0566	0.0012		
2016-12-25 16:30:00	0.7752								
2016-12-25 16:45:00 2016-12-25 17:00:00	0.9542 0.3549	5.0098 5.0098	0.0048 0.0018	0.0364 0.0364	0.0000 0.0000	8.0566 8.0566	0.0149 0.0055		
2016-12-25 17:00:00	0.4945	5.0098	0.0018	0.0200	0.0000	8.0566	0.0033		
2016-12-25 17:13:00	0.4945	5.0098	0.0025	0.0200	0.0000	8.0566	0.0077		
2016-12-25 17:30:00	0.4967	5.0098	0.0015	0.2070	0.0001	8.0566	0.0048		
2016-12-25 17:43:00	0.1732	5.0098	0.0023	0.0150	0.0000	8.0566	0.0078		
2016-12-25 18:00:00	0.2096	5.0098	0.0009	0.0130	0.0000	8.0566	0.0027		
2016-12-25 18:13:00	0.0568	5.0098	0.0001	0.0756	0.0000	8.0566	0.0009		
2016-12-25 18:45:00	0.0381	5.0098	0.0003	0.1774	0.0000	8.0566	0.0009		
2016-12-25 19:00:00	0.1867	5.0098	0.0002	0.2328	0.0000	8.0566	0.0029		
2016-12-25 19:15:00	0.2706	5.0098	0.0014	0.2954	0.0001	8.0566	0.0023		
2016-12-25 19:30:00	0.0637	5.0098	0.0003	0.3608	0.0000	8.0566	0.0042		
2016-12-25 19:45:00	0.4636	5.0098	0.0023	0.3897	0.0002	8.0566	0.0010		
2016-12-25 19:45:00	0.4403	5.0098	0.0023	0.3798	0.0002	8.0566	0.0069		
2016-12-25 20:05:00	0.0860	5.0098	0.0022	0.3256	0.0002	8.0566	0.0013		
2016-12-25 20:30:00	0.3496	5.0098	0.0018	0.3358	0.0001	8.0566	0.0015		
2016-12-25 20:45:00	0.1315	5.0098	0.0007	0.2319	0.0000	8.0566	0.0021		
2016-12-25 21:00:00	0.1173	5.0098	0.0006	0.2597	0.0000	8.0566	0.0021		
2016-12-25 21:15:00	0.4390	5.0098	0.0022	0.3964	0.0002	8.0566	0.0069		
2016-12-25 21:30:00	2.2413	5.0098	0.0112	0.4154	0.0009	8.0566	0.0350		
2016-12-25 21:45:00	1.1793	5.0098	0.0059	0.4154	0.0005	8.0566	0.0184		
2016-12-25 22:00:00	1.0147	5.0098	0.0051	0.4154	0.0004	8.0566	0.0159		
2016-12-25 22:15:00	0.8416	5.0098	0.0042	0.4154	0.0003	8.0566	0.0132		
2016-12-25 22:30:00	2.1092	5.0098	0.0106	0.4154	0.0009	8.0566	0.0330		
2016-12-25 22:45:00	0.5244	5.0098	0.0026	0.4154	0.0002	8.0566	0.0082		
2016-12-25 23:00:00	0.2670	5.0098	0.0013	0.4154	0.0001	8.0566	0.0042		
2016-12-25 23:15:00	0.7885	5.0098	0.0040	0.4154	0.0003	8.0566	0.0123		
2016-12-25 23:30:00	0.3670	5.0098	0.0018	0.3217	0.0001	8.0566	0.0057		
2016-12-25 23:45:00	0.3444	5.0098	0.0017	0.2932	0.0001	8.0566	0.0054		
2016-12-26 00:00:00	0.3756	5.0098	0.0019	0.2950	0.0001	8.0566	0.0059		
2016-12-26 00:15:00	0.2717	5.0098	0.0014	0.3275	0.0001	8.0566	0.0042		
2016-12-26 00:30:00	0.3141	5.0098	0.0016	0.3275	0.0001	8.0566	0.0049		
	1.2613	5.0098	0.0063	0.3275	0.0004	8.0566	0.0197		
2016-12-26 00:45:00			0.0056	0.3275	0.0004	8.0566	0.0173		
2016-12-26 00:43:00	1.1095	5.0098	0.0050						
	1.1095 0.8071	5.0098	0.0040	0.3275	0.0003	8.0566	0.0126		
2016-12-26 01:00:00					0.0003 0.0001	8.0566 8.0566	0.0126 0.0042		
2016-12-26 01:00:00 2016-12-26 01:15:00	0.8071	5.0098	0.0040	0.3275					

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-12-26 02:15:00	0.3542	5.0098	0.0018	0.3275	0.0001	8.0566	0.0055	
2016-12-26 02:30:00	2.7174	5.0098	0.0136	0.3275	0.0009	8.0566	0.0425	
2016-12-26 02:45:00	2.5384	5.0098	0.0127	0.3275	0.0008	8.0566	0.0397	
2016-12-26 03:00:00	1.1789	5.0098	0.0059	0.3751	0.0004	8.0566	0.0184	
2016-12-26 03:15:00	1.9759	5.0098	0.0099	0.4436	0.0009	8.0566	0.0309	
2016-12-26 03:30:00	2.1417	5.0098	0.0107	0.4436	0.0009	8.0566	0.0335	
2016-12-26 03:45:00	1.0212	5.0098	0.0051	0.4436	0.0005	8.0566	0.0160	
2016-12-26 04:00:00	1.0650	5.0098	0.0053	0.4436	0.0005	8.0566	0.0166	
2016-12-26 04:15:00	0.5013	5.0098	0.0025	0.3840	0.0002	8.0566	0.0078	
2016-12-26 04:30:00	0.5976	5.0098	0.0030	0.3214	0.0002	8.0566	0.0093	
2016-12-26 04:45:00	0.6257	5.0098	0.0031	0.3214	0.0002	8.0566	0.0098	
2016-12-26 05:00:00	0.8805	5.0098	0.0044	0.3105	0.0003	8.0566	0.0138	
2016-12-26 05:15:00	0.5353	5.0098	0.0027	0.3330	0.0002	8.0566	0.0084	
2016-12-26 05:30:00 2016-12-26 05:45:00	0.6756 0.7829	5.0098 5.0098	0.0034 0.0039	0.3330 0.3330	0.0002 0.0003	8.0566 8.0566	0.0106 0.0122	
2016-12-26 05:45:00	0.7829	5.0098	0.0039	0.3330	0.0003	8.0566	0.0093	
2016-12-26 06:00:00	0.5942	5.0098	0.0030	0.3330	0.0002	8.0566	0.0109	
2016-12-26 06:30:00	0.7681	5.0098	0.0033	0.3330	0.0002	8.0566	0.0109	
2016-12-26 06:45:00	1.3911	5.0098	0.0038	0.3330	0.0005	8.0566	0.0120	
2016-12-26 07:00:00	0.6414	5.0098	0.0070	0.3330	0.0003	8.0566	0.0100	
2016-12-26 07:00:00	1.1019	5.0098	0.0032	0.3330	0.0002	8.0566	0.0100	
2016-12-26 07:30:00	1.0321	5.0098	0.0052	0.3131	0.0004	8.0566	0.0172	
2016-12-26 07:45:00	0.5371	5.0098	0.0032	0.2177	0.0003	8.0566	0.0084	
2016-12-26 08:00:00	0.6364	5.0098	0.0027	0.3218	0.0001	8.0566	0.0099	
2016-12-26 08:15:00	0.3605	5.0098	0.0032	0.3032	0.0002	8.0566	0.0056	
2016-12-26 08:30:00	0.8192	5.0098	0.0041	0.3612	0.0003	8.0566	0.0128	
2016-12-26 08:45:00	0.3951	5.0098	0.0020	0.3112	0.0001	8.0566	0.0062	
2016-12-26 09:00:00	0.1417	5.0098	0.0007	0.1802	0.0000	8.0566	0.0022	
2016-12-26 09:15:00	0.0912	5.0098	0.0005	0.1354	0.0000	8.0566	0.0014	
2016-12-26 09:30:00	0.0621	5.0098	0.0003	0.1864	0.0000	8.0566	0.0010	
2016-12-26 09:45:00	0.0589	5.0098	0.0003	0.2346	0.0000	8.0566	0.0009	
2016-12-26 10:00:00	0.0863	5.0098	0.0004	0.1921	0.0000	8.0566	0.0013	
2016-12-26 10:15:00	0.1827	5.0098	0.0009	0.3016	0.0001	8.0566	0.0029	
2016-12-26 10:30:00	0.1392	5.0098	0.0007	0.1467	0.0000	8.0566	0.0022	
2016-12-26 10:45:00	0.2852	5.0098	0.0014	0.1136	0.0000	8.0566	0.0045	
2016-12-26 11:00:00	0.3423	5.0098	0.0017	0.0811	0.0000	8.0566	0.0053	
2016-12-26 11:15:00	0.2071	5.0098	0.0010	0.1724	0.0000	8.0566	0.0032	
2016-12-26 11:30:00	0.4894	5.0098	0.0025	0.3104	0.0002	8.0566	0.0076	
2016-12-26 11:45:00	0.6457	5.0098	0.0032	0.2412	0.0002	8.0566	0.0101	
2016-12-26 12:00:00	0.5341	5.0098	0.0027	0.1371	0.0001	8.0566	0.0083	
2016-12-26 12:15:00	0.9671	5.0098	0.0048	0.0570	0.0001	8.0566	0.0151	
2016-12-26 12:30:00	0.8357	5.0098	0.0042	0.1034	0.0001	8.0566	0.0131	
2016-12-26 12:45:00	1.0515	5.0098	0.0053	0.0886	0.0001	8.0566	0.0164	
2016-12-26 13:00:00	0.7425	5.0098	0.0037	0.0922	0.0001	8.0566	0.0116	
2016-12-26 13:15:00	0.9388	5.0098	0.0047	0.0420	0.0000	8.0566	0.0147	
2016-12-26 13:30:00	1.0804	5.0098	0.0054	0.0391	0.0000	8.0566	0.0169	
2016-12-26 13:45:00	1.2724	5.0098	0.0064	0.0738	0.0001	8.0566	0.0199	
2016-12-26 14:00:00	0.7468	5.0098	0.0037	0.0627	0.0000	8.0566	0.0117	
2016-12-26 14:15:00	0.0635	5.0098	0.0003	0.1636	0.0000	8.0566	0.0010	
2016-12-26 14:30:00	0.4832	5.0098	0.0024	0.3117	0.0002	8.0566	0.0076	
2016-12-26 14:45:00	0.7745	5.0098	0.0039	0.1989	0.0002	8.0566	0.0121	
2016-12-26 15:00:00	0.8094	5.0098	0.0041	0.0523	0.0000	8.0566	0.0127	
2016-12-26 15:15:00	0.6369	5.0098	0.0032	0.1225	0.0001	8.0566	0.0100	
2016-12-26 15:30:00	0.5287	5.0098	0.0026	0.0824	0.0000	8.0566	0.0083	
2016-12-26 15:45:00	0.1744	5.0098	0.0009	0.0824	0.0000	8.0566	0.0027	
2016-12-26 16:00:00	0.1814	5.0098	0.0009	0.0824	0.0000	8.0566	0.0028	
2016-12-26 16:15:00	0.0441	5.0098	0.0002	0.0824	0.0000	8.0566	0.0007	
2016-12-26 16:30:00	0.0840	5.0098	0.0004	0.0824	0.0000	8.0566	0.0013	
2016-12-26 16:45:00	0.2139	5.0098	0.0011	0.0824	0.0000	8.0566	0.0033	
2016-12-26 17:00:00	0.0842	5.0098	0.0004	0.0824	0.0000	8.0566	0.0013	
2016-12-26 17:15:00	0.2993	5.0098	0.0015	0.0824	0.0000	8.0566	0.0047	
2016-12-26 17:30:00	0.1980	5.0098	0.0010	0.0824	0.0000	8.0566	0.0031	
2016-12-26 17:45:00	0.2070	5.0098	0.0010	0.0824	0.0000	8.0566	0.0032	
2016-12-26 18:00:00	0.0186	5.0098	0.0001	0.0985	0.0000	8.0566	0.0003	
		5.0098	0.0008	0.1116	0.0000	8.0566	0.0026	
2016-12-26 18:15:00	0.1665		0.0009	0.1059	0.0000	8.0566	0.0027	
2016-12-26 18:30:00	0.1698	5.0098						
2016-12-26 18:30:00 2016-12-26 18:45:00	0.1698 0.1528	5.0098	0.0008	0.1896	0.0000	8.0566	0.0024	
2016-12-26 18:30:00 2016-12-26 18:45:00 2016-12-26 19:00:00	0.1698 0.1528 0.0362	5.0098 5.0098	0.0008 0.0002	0.1896 0.1414	0.0000	8.0566	0.0006	
2016-12-26 18:30:00 2016-12-26 18:45:00 2016-12-26 19:00:00 2016-12-26 19:15:00	0.1698 0.1528 0.0362 0.1113	5.0098 5.0098 5.0098	0.0008 0.0002 0.0006	0.1896 0.1414 0.1691	0.0000 0.0000	8.0566 8.0566	0.0006 0.0017	
2016-12-26 18:30:00 2016-12-26 18:45:00 2016-12-26 19:00:00 2016-12-26 19:15:00 2016-12-26 19:30:00	0.1698 0.1528 0.0362 0.1113 0.1306	5.0098 5.0098 5.0098 5.0098	0.0008 0.0002 0.0006 0.0007	0.1896 0.1414 0.1691 0.2537	0.0000 0.0000 0.0000	8.0566 8.0566 8.0566	0.0006 0.0017 0.0020	
2016-12-26 18:30:00 2016-12-26 18:45:00 2016-12-26 19:00:00 2016-12-26 19:15:00 2016-12-26 19:30:00 2016-12-26 19:45:00	0.1698 0.1528 0.0362 0.1113 0.1306 0.0413	5.0098 5.0098 5.0098 5.0098 5.0098	0.0008 0.0002 0.0006 0.0007 0.0002	0.1896 0.1414 0.1691 0.2537 0.0086	0.0000 0.0000 0.0000 0.0000	8.0566 8.0566 8.0566 8.0566	0.0006 0.0017 0.0020 0.0006	
2016-12-26 18:30:00 2016-12-26 18:45:00 2016-12-26 19:00:00 2016-12-26 19:15:00 2016-12-26 19:30:00 2016-12-26 19:45:00 2016-12-26 20:00:00	0.1698 0.1528 0.0362 0.1113 0.1306 0.0413 0.1268	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0008 0.0002 0.0006 0.0007 0.0002 0.0006	0.1896 0.1414 0.1691 0.2537 0.0086 0.1280	0.0000 0.0000 0.0000 0.0000 0.0000	8.0566 8.0566 8.0566 8.0566	0.0006 0.0017 0.0020 0.0006 0.0020	
2016-12-26 18:30:00 2016-12-26 18:45:00 2016-12-26 19:00:00 2016-12-26 19:15:00 2016-12-26 19:30:00 2016-12-26 19:45:00 2016-12-26 20:00:00 2016-12-26 20:15:00	0.1698 0.1528 0.0362 0.1113 0.1306 0.0413 0.1268 0.1677	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0008 0.0002 0.0006 0.0007 0.0002 0.0006 0.0008	0.1896 0.1414 0.1691 0.2537 0.0086 0.1280 0.1928	0.0000 0.0000 0.0000 0.0000 0.0000	8.0566 8.0566 8.0566 8.0566 8.0566	0.0006 0.0017 0.0020 0.0006 0.0020 0.0026	
2016-12-26 18:30:00 2016-12-26 18:45:00 2016-12-26 19:00:00 2016-12-26 19:15:00 2016-12-26 19:30:00 2016-12-26 19:45:00 2016-12-26 20:00:00	0.1698 0.1528 0.0362 0.1113 0.1306 0.0413 0.1268	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0008 0.0002 0.0006 0.0007 0.0002 0.0006	0.1896 0.1414 0.1691 0.2537 0.0086 0.1280	0.0000 0.0000 0.0000 0.0000 0.0000	8.0566 8.0566 8.0566 8.0566	0.0006 0.0017 0.0020 0.0006 0.0020	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-26 21:00:00	0.3195	5.0098	0.0016	0.2539	0.0001	8.0566	0.0050
2016-12-26 21:15:00	0.7487	5.0098	0.0038	0.2934	0.0002	8.0566	0.0117
2016-12-26 21:30:00	0.5319	5.0098	0.0027	0.2756	0.0001	8.0566	0.0083
2016-12-26 21:45:00	0.4995	5.0098	0.0025	0.2802	0.0001	8.0566	0.0078
2016-12-26 22:00:00	0.0684	5.0098	0.0003	0.3117	0.0000	8.0566	0.0011
2016-12-26 22:15:00	0.2523	5.0098	0.0013	0.3117	0.0001	8.0566	0.0039
2016-12-26 22:30:00	0.6259	5.0098	0.0031	0.3117	0.0002	8.0566	0.0098
2016-12-26 22:45:00	0.3801	5.0098	0.0019	0.2976	0.0001	8.0566	0.0059
2016-12-26 23:00:00	0.1546	5.0098	0.0008	0.2012	0.0000	8.0566	0.0024
2016-12-26 23:15:00	0.0801	5.0098	0.0004	0.2573	0.0000	8.0566	0.0013
2016-12-26 23:30:00	0.0000	5.0098	0.0000	0.3034	0.0000	8.0566	0.0000
2016-12-26 23:45:00	0.0253	5.0098	0.0001	0.2427	0.0000	8.0566	0.0004
2016-12-27 00:00:00	0.0387	5.0098	0.0002	0.2592	0.0000	8.0566	0.0006
2016-12-27 00:15:00 2016-12-27 00:30:00	0.1447 0.2799	5.0098 5.0098	0.0007 0.0014	0.2438 0.2267	0.0000 0.0001	8.0566 8.0566	0.0023 0.0044
2016-12-27 00:35:00	0.2639	5.0098	0.0014	0.2267	0.0001	8.0566	0.0044
2016-12-27 00:45:00	0.1421	5.0098	0.0013	0.2668	0.0001	8.0566	0.0041
2016-12-27 01:00:00	0.6033	5.0098	0.0030	0.3540	0.0002	8.0566	0.0022
2016-12-27 01:13:00	0.5913	5.0098	0.0030	0.2364	0.0002	8.0566	0.0094
2016-12-27 01:35:00	0.5423	5.0098	0.0030	0.2203	0.0001	8.0566	0.0092
2016-12-27 01:45:00	1.0799	5.0098	0.0027	0.2203	0.0001	8.0566	0.0083
2016-12-27 02:05:00	0.6260	5.0098	0.0034	0.1874	0.0003	8.0566	0.0098
2016-12-27 02:13:00	0.2498	5.0098	0.0031	0.1630	0.0001	8.0566	0.0038
2016-12-27 02:45:00	0.2995	5.0098	0.0015	0.2110	0.0001	8.0566	0.0033
2016-12-27 03:00:00	0.0000	5.0098	0.0000	0.1757	0.0001	8.0566	0.0000
2016-12-27 03:00:00	0.1035	5.0098	0.0005	0.1613	0.0000	8.0566	0.0016
2016-12-27 03:30:00	0.0187	5.0098	0.0001	0.1011	0.0000	8.0566	0.0003
2016-12-27 03:45:00	0.0508	5.0098	0.0003	0.0731	0.0000	8.0566	0.0008
2016-12-27 04:00:00	0.7933	5.0098	0.0040	0.1577	0.0001	8.0566	0.0124
2016-12-27 04:15:00	0.8295	5.0098	0.0042	0.1809	0.0002	8.0566	0.0130
2016-12-27 04:30:00	0.1695	5.0098	0.0008	0.1291	0.0000	8.0566	0.0026
2016-12-27 04:45:00	0.2489	5.0098	0.0012	0.1536	0.0000	8.0566	0.0039
2016-12-27 05:00:00	0.2637	5.0098	0.0013	0.1997	0.0001	8.0566	0.0041
2016-12-27 05:15:00	0.1805	5.0098	0.0009	0.2177	0.0000	8.0566	0.0028
2016-12-27 05:30:00	0.5682	5.0098	0.0028	0.1630	0.0001	8.0566	0.0089
2016-12-27 05:45:00	0.2281	5.0098	0.0011	0.1874	0.0000	8.0566	0.0036
2016-12-27 06:00:00	0.2150	5.0098	0.0011	0.1389	0.0000	8.0566	0.0034
2016-12-27 06:15:00	0.6875	5.0098	0.0034	0.1694	0.0001	8.0566	0.0107
2016-12-27 06:30:00	0.3198	5.0098	0.0016	0.1135	0.0000	8.0566	0.0050
2016-12-27 06:45:00	0.1824	5.0098	0.0009	0.1798	0.0000	8.0566	0.0029
2016-12-27 07:00:00	0.4629	5.0098	0.0023	0.1016	0.0000	8.0566	0.0072
2016-12-27 07:15:00	0.6203	5.0098	0.0031	0.1099	0.0001	8.0566	0.0097
2016-12-27 07:30:00	0.5636	5.0098	0.0028	0.1084	0.0001	8.0566	0.0088
2016-12-27 07:45:00	0.8985	5.0098	0.0045	0.0686	0.0001	8.0566	0.0140
2016-12-27 08:00:00	0.9244	5.0098	0.0046	0.1535	0.0001	8.0566	0.0144
2016-12-27 08:15:00	0.0190	5.0098	0.0001	0.2131	0.0000	8.0566	0.0003
2016-12-27 08:30:00	0.0406	5.0098	0.0002	0.2321	0.0000	8.0566	0.0006
2016-12-27 08:45:00	0.0591	5.0098	0.0003	0.2321	0.0000	8.0566	0.0009
2016-12-27 09:00:00	0.0184	5.0098	0.0001	0.2819	0.0000	8.0566	0.0003
2016-12-27 09:15:00	0.0210	5.0098	0.0001	0.3351	0.0000	8.0566	0.0003
2016-12-27 09:30:00	0.0000	5.0098	0.0000	0.2693	0.0000	8.0566	0.0000
2016-12-27 09:45:00	0.0988	5.0098	0.0005	0.1675	0.0000	8.0566	0.0015
2016-12-27 10:00:00	0.0186	5.0098	0.0001	0.1427	0.0000	8.0566	0.0003
2016-12-27 10:15:00	0.0888	5.0098	0.0004	0.2005	0.0000	8.0566	0.0014
2016-12-27 10:30:00	0.4401	5.0098	0.0022	0.1389	0.0001	8.0566	0.0069
2016-12-27 10:45:00	0.2032	5.0098	0.0010	0.1184	0.0000	8.0566	0.0032
2016-12-27 11:00:00	0.2009	5.0098	0.0010	0.1334	0.0000	8.0566	0.0031
2016-12-27 11:15:00	0.4825	5.0098	0.0024	0.1001	0.0000	8.0566	0.0075
2016-12-27 11:30:00	0.2430	5.0098	0.0012	0.3496	0.0001	8.0566	0.0038
2016-12-27 11:45:00	0.6449	5.0098	0.0032	0.0131	0.0000	8.0566	0.0101
2016-12-27 12:00:00	0.3840	5.0098	0.0019	0.1901	0.0001	8.0566	0.0060
2016-12-27 12:15:00	0.3114	5.0098	0.0016	0.1305	0.0000	8.0566	0.0049
2016-12-27 12:30:00	1.0657	5.0098	0.0053	0.0705	0.0001	8.0566	0.0167
2016-12-27 12:45:00		5.0098	0.0031	0.0439	0.0000	8.0566	0.0097
	0.6236			0.1621	0.0001	8.0566	0.0051
2016-12-27 13:00:00	0.6236 0.3246	5.0098	0.0016				
2016-12-27 13:15:00	0.6236 0.3246 0.6647	5.0098 5.0098	0.0033	0.1583	0.0001	8.0566	0.0104
2016-12-27 13:15:00 2016-12-27 13:30:00	0.6236 0.3246 0.6647 0.4875	5.0098 5.0098 5.0098	0.0033 0.0024	0.1583 0.0000	0.0000	8.0566	0.0076
2016-12-27 13:15:00 2016-12-27 13:30:00 2016-12-27 13:45:00	0.6236 0.3246 0.6647 0.4875 0.9981	5.0098 5.0098 5.0098 5.0098	0.0033 0.0024 0.0050	0.1583 0.0000 0.0754	0.0000 0.0001	8.0566 8.0566	0.0076 0.0156
2016-12-27 13:15:00 2016-12-27 13:30:00 2016-12-27 13:45:00 2016-12-27 14:00:00	0.6236 0.3246 0.6647 0.4875 0.9981 0.3573	5.0098 5.0098 5.0098 5.0098 5.0098	0.0033 0.0024 0.0050 0.0018	0.1583 0.0000 0.0754 0.1345	0.0000 0.0001 0.0000	8.0566 8.0566 8.0566	0.0076 0.0156 0.0056
2016-12-27 13:15:00 2016-12-27 13:30:00 2016-12-27 13:45:00 2016-12-27 14:00:00 2016-12-27 14:15:00	0.6236 0.3246 0.6647 0.4875 0.9981 0.3573 0.4547	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0033 0.0024 0.0050 0.0018 0.0023	0.1583 0.0000 0.0754 0.1345 0.0982	0.0000 0.0001 0.0000 0.0000	8.0566 8.0566 8.0566 8.0566	0.0076 0.0156 0.0056 0.0071
2016-12-27 13:15:00 2016-12-27 13:30:00 2016-12-27 13:45:00 2016-12-27 14:00:00 2016-12-27 14:15:00 2016-12-27 14:30:00	0.6236 0.3246 0.6647 0.4875 0.9981 0.3573 0.4547	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0033 0.0024 0.0050 0.0018 0.0023 0.0026	0.1583 0.0000 0.0754 0.1345 0.0982 0.0982	0.0000 0.0001 0.0000 0.0000 0.0001	8.0566 8.0566 8.0566 8.0566	0.0076 0.0156 0.0056 0.0071 0.0081
2016-12-27 13:15:00 2016-12-27 13:30:00 2016-12-27 13:45:00 2016-12-27 14:00:00 2016-12-27 14:15:00 2016-12-27 14:30:00 2016-12-27 14:45:00	0.6236 0.3246 0.6647 0.4875 0.9981 0.3573 0.4547 0.5157 0.3103	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0033 0.0024 0.0050 0.0018 0.0023 0.0026 0.0016	0.1583 0.0000 0.0754 0.1345 0.0982 0.0982 0.0982	0.0000 0.0001 0.0000 0.0000 0.0001	8.0566 8.0566 8.0566 8.0566 8.0566	0.0076 0.0156 0.0056 0.0071 0.0081 0.0049
2016-12-27 13:15:00 2016-12-27 13:30:00 2016-12-27 13:45:00 2016-12-27 14:00:00 2016-12-27 14:15:00 2016-12-27 14:30:00 2016-12-27 14:45:00 2016-12-27 15:00:00	0.6236 0.3246 0.6647 0.4875 0.9981 0.3573 0.4547 0.5157 0.3103 0.4419	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0033 0.0024 0.0050 0.0018 0.0023 0.0026 0.0016	0.1583 0.0000 0.0754 0.1345 0.0982 0.0982 0.0982 0.0982	0.0000 0.0001 0.0000 0.0000 0.0001 0.0000 0.0000	8.0566 8.0566 8.0566 8.0566 8.0566 8.0566	0.0076 0.0156 0.0056 0.0071 0.0081 0.0049 0.0069
2016-12-27 13:15:00 2016-12-27 13:30:00 2016-12-27 13:45:00 2016-12-27 14:00:00 2016-12-27 14:15:00 2016-12-27 14:30:00 2016-12-27 14:45:00	0.6236 0.3246 0.6647 0.4875 0.9981 0.3573 0.4547 0.5157 0.3103	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0033 0.0024 0.0050 0.0018 0.0023 0.0026 0.0016	0.1583 0.0000 0.0754 0.1345 0.0982 0.0982 0.0982	0.0000 0.0001 0.0000 0.0000 0.0001	8.0566 8.0566 8.0566 8.0566 8.0566	0.0076 0.0156 0.0056 0.0071 0.0081 0.0049

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-12-27 15:45:00	0.3587	5.0098	0.0018	0.0982	0.0000	8.0566	0.0056	
2016-12-27 16:00:00	0.4394	5.0098	0.0022	0.0982	0.0000	8.0566	0.0069	
2016-12-27 16:15:00	0.2166	5.0098	0.0011	0.0982	0.0000	8.0566	0.0034	
2016-12-27 16:30:00	0.5984	5.0098	0.0030	0.0982	0.0001	8.0566	0.0094	
2016-12-27 16:45:00	0.6737	5.0098	0.0034	0.0710	0.0000	8.0566	0.0105	
2016-12-27 17:00:00	0.7592	5.0098	0.0038	0.0000	0.0000	8.0566	0.0119	
2016-12-27 17:15:00	0.5335	5.0098	0.0027	0.0000	0.0000	8.0566	0.0083	
2016-12-27 17:30:00	0.3311	5.0098	0.0017	0.0000	0.0000	8.0566	0.0052	
2016-12-27 17:45:00	0.5217	5.0098	0.0026	0.0000	0.0000	8.0566	0.0082	
2016-12-27 18:00:00	0.3202	5.0098	0.0016	0.0000	0.0000	8.0566	0.0050	
2016-12-27 18:15:00	0.3162	5.0098	0.0016	0.0000	0.0000	8.0566	0.0049	
2016-12-27 18:30:00	0.7275	5.0098	0.0036	0.0427	0.0000	8.0566	0.0114	
2016-12-27 18:45:00	0.1636	5.0098	0.0008	0.0559	0.0000	8.0566	0.0026	
2016-12-27 19:00:00	0.1880	5.0098	0.0009	0.2882	0.0001	8.0566	0.0029	
2016-12-27 19:15:00	0.2685	5.0098	0.0013	0.2737	0.0001	8.0566	0.0042	
2016-12-27 19:30:00	0.0781	5.0098	0.0004	0.2532	0.0000	8.0566	0.0012	
2016-12-27 19:45:00	0.0962	5.0098	0.0005	1.2609	0.0001	8.0566	0.0015	
2016-12-27 20:00:00	0.0739	5.0098	0.0004	0.7030	0.0001	8.0566	0.0012	
2016-12-27 20:15:00	0.0646	5.0098	0.0003	0.2568	0.0000	8.0566	0.0010	
2016-12-27 20:30:00	0.2589	5.0098	0.0013	0.1778	0.0000	8.0566	0.0040	
2016-12-27 20:45:00	0.4017	5.0098	0.0020	0.2637	0.0001	8.0566	0.0063	
2016-12-27 21:00:00	0.0494	5.0098	0.0002	0.1303	0.0000	8.0566	0.0008	
2016-12-27 21:15:00	0.2051	5.0098	0.0010	0.2503	0.0001	8.0566	0.0032	
2016-12-27 21:30:00	0.1551	5.0098	0.0008	0.1760	0.0000	8.0566	0.0024	
2016-12-27 21:45:00	0.1599	5.0098	0.0008	0.2293	0.0000	8.0566	0.0025	
2016-12-27 22:00:00	0.1179	5.0098	0.0006	0.1280	0.0000	8.0566	0.0018	
2016-12-27 22:15:00	0.0632	5.0098	0.0003	0.2076	0.0000	8.0566	0.0010	
2016-12-27 22:30:00	0.2153	5.0098	0.0011	0.0467	0.0000	8.0566	0.0034	
2016-12-27 22:45:00	0.5079	5.0098	0.0025	0.1661	0.0001	8.0566	0.0079	
2016-12-27 23:00:00	0.2776	5.0098	0.0014	0.0943	0.0000	8.0566	0.0043	
2016-12-27 23:15:00	0.2871	5.0098	0.0014	0.0727	0.0000	8.0566	0.0045	
2016-12-27 23:30:00	0.1496	5.0098	0.0007	0.0404	0.0000	8.0566	0.0023	
2016-12-27 23:45:00	0.1696	5.0098	0.0008	0.0537	0.0000	8.0566	0.0027	
2016-12-28 00:00:00	0.2322	5.0098	0.0012	0.0975	0.0000	8.0566	0.0036	
2016-12-28 00:15:00	0.0672	5.0098	0.0003	0.0647	0.0000	8.0566	0.0011	
2016-12-28 00:30:00	0.3046	5.0098	0.0015	0.1322	0.0000	8.0566	0.0048	
2016-12-28 00:45:00	0.7634	5.0098	0.0038	0.2012	0.0002	8.0566	0.0119	
2016-12-28 01:00:00	0.4702	5.0098	0.0024	0.1379	0.0001	8.0566	0.0073	
2016-12-28 01:15:00	0.1860	5.0098	0.0009	0.0699	0.0000	8.0566	0.0029	
2016-12-28 01:30:00	0.0465	5.0098	0.0002	0.0305	0.0000	8.0566	0.0007	
2016-12-28 01:45:00	0.2156	5.0098	0.0011	0.1706	0.0000	8.0566	0.0034	
2016-12-28 02:00:00	0.2163	5.0098	0.0011	0.1267	0.0000	8.0566	0.0034	
2016-12-28 02:15:00	1.1776	5.0098	0.0059	0.1354	0.0002	8.0566	0.0184	
2016-12-28 02:30:00	0.3946	5.0098	0.0020	0.0826	0.0000	8.0566	0.0062	
2016-12-28 02:45:00	0.0668	5.0098	0.0003	0.0507	0.0000	8.0566	0.0010	
2016-12-28 03:00:00	0.8630	5.0098	0.0043	0.1052	0.0001	8.0566	0.0135	
2016-12-28 03:15:00	0.5740	5.0098	0.0029	0.1028	0.0001	8.0566	0.0090	
2016-12-28 03:30:00	0.0582	5.0098	0.0003	0.0152	0.0000	8.0566	0.0009	
2016-12-28 03:45:00	0.1205	5.0098	0.0006	0.0563	0.0000	8.0566	0.0019	
2016-12-28 04:00:00	0.3931	5.0098	0.0020	0.0911	0.0000	8.0566	0.0061	
2016-12-28 04:15:00	0.3967	5.0098	0.0020	0.1154	0.0000	8.0566	0.0062	
2016-12-28 04:30:00	0.4075	5.0098	0.0020	0.1154	0.0000	8.0566	0.0064	
2016-12-28 04:45:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566 8.0566	0.0000	
2016-12-28 05:00:00	0.1032	5.0098	0.0005	0.1154	0.0000	8.0566	0.0016	
2016-12-28 05:15:00 2016-12-28 05:30:00	0.5807	5.0098	0.0029 0.0022	0.1154	0.0001	8.0566	0.0091	
	0.4347	5.0098		0.1154	0.0001	8.0566	0.0068	
2016-12-28 05:45:00	0.6222	5.0098	0.0031	0.1154	0.0001	8.0566 8.0566	0.0097	
2016-12-28 06:00:00	0.0646	5.0098	0.0003	0.0245	0.0000	8.0566	0.0010	
2016-12-28 06:15:00	0.0000	5.0098	0.0000	0.0599	0.0000	8.0566	0.0000	
2016-12-28 06:30:00	0.4473	5.0098	0.0022	0.1213	0.0001	8.0566	0.0070	
2016-12-28 06:45:00	0.0791	5.0098	0.0004	0.1162	0.0000	8.0566	0.0012	
2016-12-28 07:00:00	1.1388	5.0098	0.0057	0.0739	0.0001	8.0566 8.0566	0.0178	
2016-12-28 07:15:00	1.1969	5.0098	0.0060 0.0022	0.0281 0.0529	0.0000	8.0566 8.0566	0.0187	
2016-12-28 07:30:00	0.4436	5.0098 5.0098	0.0022	0.0529	0.0000 0.0002	8.0566 8.0566	0.0069 0.0193	
2016-12-28 07:45:00	1.2324 0.8783	5.0098	0.0062	0.1696		8.0566	0.0193	
2016-12-28 08:00:00					0.0002			
2016-12-28 08:15:00	0.0000	5.0098	0.0000	0.2589	0.0000	8.0566	0.0000	
2016-12-28 08:30:00	0.0000	5.0098	0.0000	0.2589	0.0000	8.0566 8.0566	0.0000	
2016-12-28 08:45:00	0.0000	5.0098	0.0000	0.2589	0.0000	8.0566 8.0566	0.0000	
2016-12-28 09:00:00	0.0186	5.0098	0.0001	0.2589	0.0000	8.0566	0.0003	
2016-12-28 09:15:00	0.0179 0.0185	5.0098	0.0001	0.2589	0.0000	8.0566	0.0003	
2016 12 20 00	0.0185	5.0098	0.0001	0.2589	0.0000	8.0566	0.0003	
2016-12-28 09:30:00				0.2505	0.000-	0.0505	0.005-	
2016-12-28 09:45:00	0.1686	5.0098	0.0008	0.2589	0.0000	8.0566	0.0026	
				0.2589 0.3226 0.3735	0.0000 0.0002 0.0010	8.0566 8.0566 8.0566	0.0026 0.0118 0.0413	

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-12-28 10:30:00	1.1116	5.0098	0.0056	0.3735	0.0004	8.0566	0.0174	
2016-12-28 10:45:00	0.6096	5.0098	0.0031	0.3735	0.0002	8.0566	0.0095	
2016-12-28 11:00:00	0.4246	5.0098	0.0021	0.3735	0.0002	8.0566	0.0066	
2016-12-28 11:15:00	0.3437	5.0098	0.0017	0.3735	0.0001	8.0566	0.0054	
2016-12-28 11:30:00	0.4994	5.0098	0.0025	0.3735	0.0002	8.0566	0.0078	
2016-12-28 11:45:00	0.4038	5.0098	0.0020	0.3388	0.0001	8.0566	0.0063	
2016-12-28 12:00:00	0.5280	5.0098	0.0026	0.1960	0.0001	8.0566	0.0083	
2016-12-28 12:15:00	0.3293	5.0098	0.0016	0.2546	0.0001	8.0566	0.0051	
2016-12-28 12:30:00	0.4840	5.0098	0.0024	0.2488	0.0001	8.0566	0.0076	
2016-12-28 12:45:00	0.5504	5.0098	0.0028	0.0795	0.0000	8.0566	0.0086	
2016-12-28 13:00:00	0.3690	5.0098	0.0018	0.1272	0.0000	8.0566	0.0058	
2016-12-28 13:15:00	0.2346	5.0098	0.0012	0.0484	0.0000	8.0566	0.0037	
2016-12-28 13:30:00	0.2010	5.0098	0.0010	0.0291	0.0000	8.0566	0.0031	
2016-12-28 13:45:00	0.3561	5.0098	0.0018 0.0032	0.0151	0.0000 0.0000	8.0566 8.0566	0.0056	
2016-12-28 14:00:00	0.6402	5.0098	0.0032	0.0679 0.0707			0.0100	
2016-12-28 14:15:00	0.6686	5.0098	0.0033		0.0000	8.0566	0.0105	
2016-12-28 14:30:00	0.6717 0.8613	5.0098	0.0034	0.0707 0.0707	0.0000 0.0001	8.0566 8.0566	0.0105	
2016-12-28 14:45:00 2016-12-28 15:00:00		5.0098 5.0098	0.0043	0.0707	0.0001	8.0566	0.0135 0.0138	
2016-12-28 15:00:00	0.8841			0.0707			0.0138	
	0.5110	5.0098	0.0026		0.0000	8.0566		
2016-12-28 15:30:00 2016-12-28 15:45:00	0.5273 0.3170	5.0098 5.0098	0.0026 0.0016	0.0707 0.0707	0.0000 0.0000	8.0566 8.0566	0.0082 0.0050	
2016-12-28 15:45:00 2016-12-28 16:00:00	0.3170 0.1459	5.0098	0.0016	0.0707	0.0000	8.0566 8.0566	0.0050	
2016-12-28 16:00:00	0.3553	5.0098	0.0007	0.0707	0.0000	8.0566	0.0023	
2016-12-28 16:13:00	0.3021	5.0098	0.0018	0.0707	0.0000	8.0566	0.0036	
2016-12-28 16:30:00	0.5357	5.0098	0.0013	0.0707	0.0000	8.0566	0.0047	
2016-12-28 16:45:00	0.3226	5.0098	0.0027	0.0707	0.0000	8.0566	0.0084	
2016-12-28 17:00:00	1.0208	5.0098	0.0010	0.0707	0.0001	8.0566	0.0160	
2016-12-28 17:19:00	0.7862	5.0098	0.0031	0.0707	0.0001	8.0566	0.0123	
2016-12-28 17:45:00	0.8452	5.0098	0.0042	0.0707	0.0001	8.0566	0.0132	
2016-12-28 18:00:00	0.5225	5.0098	0.0026	0.0707	0.0000	8.0566	0.0082	
2016-12-28 18:15:00	0.5829	5.0098	0.0029	0.0707	0.0000	8.0566	0.0091	
2016-12-28 18:30:00	0.4086	5.0098	0.0020	0.0997	0.0000	8.0566	0.0064	
2016-12-28 18:45:00	0.0435	5.0098	0.0002	0.2327	0.0000	8.0566	0.0007	
2016-12-28 19:00:00	0.0863	5.0098	0.0004	0.1291	0.0000	8.0566	0.0013	
2016-12-28 19:15:00	0.1006	5.0098	0.0005	0.1527	0.0000	8.0566	0.0016	
2016-12-28 19:30:00	0.0675	5.0098	0.0003	0.1209	0.0000	8.0566	0.0011	
2016-12-28 19:45:00	0.0335	5.0098	0.0002	0.1569	0.0000	8.0566	0.0005	
2016-12-28 20:00:00	0.0236	5.0098	0.0001	0.1952	0.0000	8.0566	0.0004	
2016-12-28 20:15:00	0.0000	5.0098	0.0000	0.1356	0.0000	8.0566	0.0000	
2016-12-28 20:30:00	0.1026	5.0098	0.0005	0.2144	0.0000	8.0566	0.0016	
2016-12-28 20:45:00	0.2956	5.0098	0.0015	0.1877	0.0001	8.0566	0.0046	
2016-12-28 21:00:00	0.0851	5.0098	0.0004	0.1319	0.0000	8.0566	0.0013	
2016-12-28 21:15:00	0.1211	5.0098	0.0006	0.1736	0.0000	8.0566	0.0019	
2016-12-28 21:30:00	0.1039	5.0098	0.0005	0.1143	0.0000	8.0566	0.0016	
2016-12-28 21:45:00	0.0270	5.0098	0.0001	0.0934	0.0000	8.0566	0.0004	
2016-12-28 22:00:00	0.2159	5.0098	0.0011	0.0652	0.0000	8.0566	0.0034	
2016-12-28 22:15:00	0.1941	5.0098	0.0010	0.1025	0.0000	8.0566	0.0030	
2016-12-28 22:30:00	0.3704	5.0098	0.0019	0.1257	0.0000	8.0566	0.0058	
2016-12-28 22:45:00	0.2334	5.0098	0.0012	0.1193	0.0000	8.0566	0.0036	
2016-12-28 23:00:00	0.2711	5.0098	0.0014	0.1141	0.0000	8.0566	0.0042	
2016-12-28 23:15:00	0.0298	5.0098	0.0001	0.1936	0.0000	8.0566	0.0005	
2016-12-28 23:30:00	0.1524	5.0098	0.0008	0.1994	0.0000	8.0566	0.0024	
2016-12-28 23:45:00	0.2066	5.0098	0.0010	0.1148	0.0000	8.0566	0.0032	
2016-12-29 00:00:00	0.2190	5.0098	0.0011	0.0890	0.0000	8.0566	0.0034	
2016-12-29 00:15:00	0.4488	5.0098	0.0022	0.1083	0.0000	8.0566	0.0070	
2016-12-29 00:30:00	0.2941	5.0098	0.0015	0.0623	0.0000	8.0566	0.0046	
2016-12-29 00:45:00	0.5086	5.0098	0.0025	0.1158	0.0001	8.0566	0.0079	
2016-12-29 01:00:00	0.4632	5.0098	0.0023	0.1072	0.0000	8.0566	0.0072	
2016-12-29 01:15:00	0.2437	5.0098	0.0012	0.2087	0.0001	8.0566	0.0038	
2016-12-29 01:30:00	0.2583	5.0098	0.0013	0.2299	0.0001	8.0566	0.0040	
2016-12-29 01:45:00	0.5573	5.0098	0.0028	0.1473	0.0001	8.0566	0.0087	
2016-12-29 02:00:00	0.5682	5.0098	0.0028	0.0746	0.0000	8.0566	0.0089	
2016-12-29 02:15:00	0.7423	5.0098	0.0037	0.0070	0.0000	8.0566	0.0116	
2016-12-29 02:30:00	0.4995	5.0098	0.0025	0.0139	0.0000	8.0566	0.0078	
2016-12-29 02:45:00	0.4932	5.0098	0.0025	0.0282	0.0000	8.0566	0.0077	
2016-12-29 03:00:00	0.3560	5.0098	0.0018	0.0313	0.0000	8.0566	0.0056	
2016-12-29 03:15:00	0.4406	5.0098	0.0022	0.0563	0.0000	8.0566	0.0069	
2016-12-29 03:30:00	0.7383	5.0098	0.0037	0.0563	0.0000	8.0566	0.0115	
2016-12-29 03:45:00	0.4058	5.0098	0.0020	0.0563	0.0000	8.0566	0.0063	
2016-12-29 04:00:00	0.4276	5.0098	0.0021	0.0563	0.0000	8.0566	0.0067	
2016-12-29 04:15:00	1.3090	5.0098	0.0066	0.0563	0.0001	8.0566	0.0205	
2016-12-29 04:30:00	0.6514	5.0098	0.0033	0.0563	0.0000	8.0566	0.0102	
2016-12-29 04:45:00	0.2099	5.0098	0.0011	0.0563	0.0000	8.0566	0.0033	
2010 12 23 04.43.00	0.0509	5.0098	0.0003	0.0563			0.0008	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2016-12-29 05:15:00	0.1036	5.0098	0.0005	0.0563	0.0000	8.0566	0.0016
2016-12-29 05:30:00	0.0224	5.0098	0.0001	0.0563	0.0000	8.0566	0.0004
2016-12-29 05:45:00	0.0655	5.0098	0.0003	0.0563	0.0000	8.0566	0.0010
2016-12-29 06:00:00	0.0000	5.0098	0.0000	0.0563	0.0000	8.0566	0.0000
2016-12-29 06:15:00	0.1051	5.0098	0.0005	0.0563	0.0000	8.0566	0.0016
2016-12-29 06:30:00	0.1151	5.0098	0.0006	0.0563	0.0000	8.0566	0.0018
2016-12-29 06:45:00	0.6303	5.0098	0.0032	0.0563	0.0000	8.0566	0.0099
2016-12-29 07:00:00	1.0862	5.0098	0.0054	0.0563	0.0001	8.0566	0.0170
2016-12-29 07:15:00	1.0972	5.0098	0.0055	0.0563	0.0001	8.0566	0.0171
2016-12-29 07:30:00	1.1907	5.0098	0.0060	0.0687	0.0001	8.0566	0.0186
2016-12-29 07:45:00	0.5165	5.0098	0.0026	0.0269	0.0000	8.0566	0.0081
2016-12-29 08:00:00	0.4315	5.0098	0.0022	0.0769	0.0000	8.0566	0.0067
2016-12-29 08:15:00	0.0365	5.0098	0.0002	0.1160	0.0000	8.0566	0.0006
2016-12-29 08:30:00	0.0000	5.0098	0.0000 0.0000	0.1160	0.0000 0.0000	8.0566 8.0566	0.0000
2016-12-29 08:45:00	0.0000	5.0098		0.1132			0.0000
2016-12-29 09:00:00	0.0000	5.0098	0.0000	0.2088	0.0000	8.0566	0.0000
2016-12-29 09:15:00	0.0000	5.0098	0.0000	0.1629	0.0000	8.0566	0.0000
2016-12-29 09:30:00 2016-12-29 09:45:00	0.0392	5.0098 5.0098	0.0002 0.0000	0.1901 0.2641	0.0000 0.0000	8.0566 8.0566	0.0006 0.0000
	0.0000			0.2871			0.0000
2016-12-29 10:00:00	0.1694	5.0098	0.0008		0.0000	8.0566	
2016-12-29 10:15:00 2016-12-29 10:30:00	0.5908 1.9008	5.0098 5.0098	0.0030 0.0095	0.3461 0.3461	0.0002 0.0007	8.0566 8.0566	0.0092 0.0297
2016-12-29 10:30:00 2016-12-29 10:45:00	1.9008 2.5647	5.0098	0.0095	0.3461	0.0007	8.0566 8.0566	0.0297
2016-12-29 10:45:00 2016-12-29 11:00:00	2.5647	5.0098	0.0128	0.3461	0.0009	8.0566 8.0566	0.0401
2016-12-29 11:00:00	2.8755	5.0098	0.0123	0.3528	0.0009	8.0566	0.0391
2016-12-29 11:15:00	3.6228	5.0098	0.0144	0.3328	0.0010	8.0566	0.0449
2016-12-29 11:45:00	2.4366	5.0098	0.0122	0.3099	0.0001	8.0566	0.0381
2016-12-29 12:00:00	2.1494	5.0098	0.0122	0.3286	0.0007	8.0566	0.0336
2016-12-29 12:15:00	0.9453	5.0098	0.0047	0.2001	0.0007	8.0566	0.0148
2016-12-29 12:30:00	0.6849	5.0098	0.0034	0.1034	0.0001	8.0566	0.0148
2016-12-29 12:45:00	0.8097	5.0098	0.0041	0.0467	0.0000	8.0566	0.0127
2016-12-29 13:00:00	1.1209	5.0098	0.0056	0.1215	0.0001	8.0566	0.0175
2016-12-29 13:15:00	0.6800	5.0098	0.0034	0.0580	0.0000	8.0566	0.0106
2016-12-29 13:30:00	1.5334	5.0098	0.0077	0.1201	0.0002	8.0566	0.0240
2016-12-29 13:45:00	1.4608	5.0098	0.0073	0.2011	0.0003	8.0566	0.0228
2016-12-29 14:00:00	1.3470	5.0098	0.0067	0.0642	0.0001	8.0566	0.0211
2016-12-29 14:15:00	1.3292	5.0098	0.0067	0.0565	0.0001	8.0566	0.0208
2016-12-29 14:30:00	1.7373	5.0098	0.0087	0.0424	0.0001	8.0566	0.0272
2016-12-29 14:45:00	2.1542	5.0098	0.0108	0.0515	0.0001	8.0566	0.0337
2016-12-29 15:00:00	1.3872	5.0098	0.0069	0.0354	0.0000	8.0566	0.0217
2016-12-29 15:15:00	0.7851	5.0098	0.0039	0.0110	0.0000	8.0566	0.0123
2016-12-29 15:30:00	0.6541	5.0098	0.0033	0.0110	0.0000	8.0566	0.0102
2016-12-29 15:45:00	0.9634	5.0098	0.0048	0.0110	0.0000	8.0566	0.0151
2016-12-29 16:00:00	1.0176	5.0098	0.0051	0.0110	0.0000	8.0566	0.0159
2016-12-29 16:15:00	0.8218	5.0098	0.0041	0.0110	0.0000	8.0566	0.0128
2016-12-29 16:30:00	0.6806	5.0098	0.0034	0.0110	0.0000	8.0566	0.0106
2016-12-29 16:45:00	0.2562	5.0098	0.0013	0.0110	0.0000	8.0566	0.0040
2016-12-29 17:00:00	0.7183	5.0098	0.0036	0.0110	0.0000	8.0566	0.0112
2016-12-29 17:15:00	0.3121	5.0098	0.0016	0.0110	0.0000	8.0566	0.0049
2016-12-29 17:30:00	0.1115	5.0098	0.0006	0.0110	0.0000	8.0566	0.0017
2016-12-29 17:45:00	0.2381	5.0098	0.0012	0.0110	0.0000	8.0566	0.0037
2016-12-29 18:00:00	0.6685	5.0098	0.0033	0.0110	0.0000	8.0566	0.0104
2016-12-29 18:15:00	0.2240	5.0098	0.0011	0.0587	0.0000	8.0566	0.0035
2016-12-29 18:30:00	0.1062	5.0098	0.0005	0.1578	0.0000	8.0566	0.0017
2016-12-29 18:45:00	0.3248	5.0098	0.0016	0.2383	0.0001	8.0566	0.0051
2016-12-29 19:00:00	0.4418	5.0098	0.0022	0.2348	0.0001	8.0566	0.0069
2016-12-29 19:15:00	0.3241	5.0098	0.0016	0.2465	0.0001	8.0566	0.0051
2016-12-29 19:30:00	0.2080	5.0098	0.0010	0.2465	0.0001	8.0566	0.0033
2016-12-29 19:45:00	0.1289	5.0098	0.0006	0.2290	0.0000	8.0566	0.0020
2016-12-29 20:00:00	0.1269	5.0098	0.0006	0.1844	0.0000	8.0566	0.0020
2016-12-29 20:15:00	0.1027	5.0098	0.0005	0.1712	0.0000	8.0566	0.0016
2016-12-29 20:30:00	0.1089	5.0098	0.0005	0.1509	0.0000	8.0566	0.0017
2016-12-29 20:45:00	0.0357	5.0098	0.0002	0.2118	0.0000	8.0566	0.0006
2016-12-29 21:00:00	0.0000	5.0098	0.0000	0.1714	0.0000	8.0566	0.0000
2016-12-29 21:15:00	0.0000	5.0098	0.0000	0.2529	0.0000	8.0566	0.0000
2016-12-29 21:30:00	0.0398	5.0098	0.0002	0.0030	0.0000	8.0566	0.0006
2016-12-29 21:45:00	0.0000	5.0098	0.0000	0.0327	0.0000	8.0566	0.0000
2016-12-29 22:00:00	0.0416	5.0098	0.0002	0.1937	0.0000	8.0566	0.0006
2016-12-29 22:15:00	0.2111	5.0098	0.0011	0.1748	0.0000	8.0566	0.0033
	0.0683	5.0098	0.0003	0.1441	0.0000	8.0566	0.0011
2016-12-29 22:30:00			0.0004	0.1903	0.0000	8.0566	0.0013
2016-12-29 22:45:00	0.0813	5.0098					
	0.1451	5.0098	0.0007	0.1316	0.0000	8.0566	0.0023
2016-12-29 22:45:00 2016-12-29 23:00:00 2016-12-29 23:15:00	0.1451 0.2524	5.0098 5.0098	0.0007 0.0013	0.1316 0.1480	0.0000 0.0000	8.0566 8.0566	0.0023 0.0039
2016-12-29 22:45:00 2016-12-29 23:00:00	0.1451	5.0098	0.0007	0.1316	0.0000	8.0566	0.0023

		Point Source Air Emissions - A2 Nitric Acid Stack						
Parameter	Volumetric Flow Rate	NOx NH3 N2O		20				
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-12-30 00:00:00	0.0812	5.0098	0.0004	0.1195	0.0000	8.0566	0.0013	
2016-12-30 00:15:00	0.0988	5.0098	0.0005	0.1135	0.0000	8.0566	0.0015	
2016-12-30 00:30:00	0.0440	5.0098	0.0002	0.1091	0.0000	8.0566	0.0007	
2016-12-30 00:45:00	0.2387	5.0098	0.0012	0.0934	0.0000	8.0566	0.0037	
2016-12-30 01:00:00	0.3670	5.0098	0.0018	0.0845	0.0000	8.0566	0.0057	
2016-12-30 01:15:00	0.1087	5.0098	0.0005	0.0488	0.0000	8.0566	0.0017	
2016-12-30 01:30:00	0.2760	5.0098	0.0014	0.0463	0.0000	8.0566	0.0043	
2016-12-30 01:45:00	0.1255	5.0098	0.0006	0.0616	0.0000	8.0566	0.0020	
2016-12-30 02:00:00	0.1601	5.0098	0.0008	0.0936	0.0000	8.0566	0.0025	
2016-12-30 02:15:00	0.1408	5.0098	0.0007	0.0810	0.0000	8.0566	0.0022	
2016-12-30 02:30:00	0.1068	5.0098	0.0005	0.0622	0.0000	8.0566	0.0017	
2016-12-30 02:45:00	0.1146	5.0098	0.0006	0.1001	0.0000	8.0566	0.0018	
2016-12-30 03:00:00	0.1772	5.0098	0.0009	0.0935	0.0000	8.0566	0.0028	
2016-12-30 03:15:00	0.2726	5.0098	0.0014 0.0015	0.0973	0.0000 0.0000	8.0566 8.0566	0.0043 0.0048	
2016-12-30 03:30:00	0.3068	5.0098		0.0668				
2016-12-30 03:45:00	0.2224	5.0098	0.0011	0.0720 0.0789	0.0000	8.0566 8.0566	0.0035	
2016-12-30 04:00:00 2016-12-30 04:15:00	0.1261	5.0098	0.0006 0.0011	0.0789	0.0000 0.0000	8.0566	0.0020 0.0033	
	0.2140	5.0098 5.0098	0.0011	0.1407	0.0000	8.0566	0.0033	
2016-12-30 04:30:00	0.2754							
2016-12-30 04:45:00 2016-12-30 05:00:00	0.2819 0.3283	5.0098 5.0098	0.0014 0.0016	0.1069 0.0465	0.0000 0.0000	8.0566 8.0566	0.0044 0.0051	
2016-12-30 05:00:00 2016-12-30 05:15:00	0.3283	5.0098	0.0016	0.0465	0.0000	8.0566 8.0566	0.0051	
2016-12-30 05:15:00	0.0187	5.0098	0.0003	0.0798	0.0000	8.0566	0.0010	
2016-12-30 05:30:00	0.0187	5.0098	0.0001	0.0597	0.0000	8.0566	0.0003	
2016-12-30 06:00:00	0.9154	5.0098	0.0001	0.1194	0.0001	8.0566	0.0003	
2016-12-30 06:00:00	0.5392	5.0098	0.0046	0.1194	0.0001	8.0566	0.0143	
2016-12-30 06:30:00	0.4175	5.0098	0.0027	0.0387	0.0000	8.0566	0.0065	
2016-12-30 06:45:00	0.1019	5.0098	0.0005	0.0666	0.0000	8.0566	0.0016	
2016-12-30 07:00:00	0.5377	5.0098	0.0003	0.0721	0.0000	8.0566	0.0010	
2016-12-30 07:15:00	1.1858	5.0098	0.0059	0.0487	0.0001	8.0566	0.0185	
2016-12-30 07:30:00	0.5831	5.0098	0.0029	0.0133	0.0000	8.0566	0.0091	
2016-12-30 07:45:00	0.8813	5.0098	0.0044	0.0745	0.0001	8.0566	0.0138	
2016-12-30 08:00:00	0.0000	5.0098	0.0000	0.0573	0.0000	8.0566	0.0000	
2016-12-30 08:15:00	0.0593	5.0098	0.0003	0.0369	0.0000	8.0566	0.0009	
2016-12-30 08:30:00	0.0179	5.0098	0.0001	0.1317	0.0000	8.0566	0.0003	
2016-12-30 08:45:00	0.0179	5.0098	0.0001	0.1532	0.0000	8.0566	0.0003	
2016-12-30 09:00:00	0.0399	5.0098	0.0002	0.0824	0.0000	8.0566	0.0006	
2016-12-30 09:15:00	0.0207	5.0098	0.0001	0.0851	0.0000	8.0566	0.0003	
2016-12-30 09:30:00	0.0000	5.0098	0.0000	0.1137	0.0000	8.0566	0.0000	
2016-12-30 09:45:00	0.0978	5.0098	0.0005	0.0803	0.0000	8.0566	0.0015	
2016-12-30 10:00:00	0.0192	5.0098	0.0001	0.0577	0.0000	8.0566	0.0003	
2016-12-30 10:15:00	0.0430	5.0098	0.0002	0.0577	0.0000	8.0566	0.0007	
2016-12-30 10:30:00	0.1220	5.0098	0.0006	0.1043	0.0000	8.0566	0.0019	
2016-12-30 10:45:00	0.1591	5.0098	0.0008	0.1087	0.0000	8.0566	0.0025	
2016-12-30 11:00:00	0.1768	5.0098	0.0009	0.1753	0.0000	8.0566	0.0028	
2016-12-30 11:15:00	0.1680	5.0098	0.0008	0.1677	0.0000	8.0566	0.0026	
2016-12-30 11:30:00	0.4215	5.0098	0.0021	0.1725	0.0001	8.0566	0.0066	
2016-12-30 11:45:00	0.3341	5.0098	0.0017	0.1018	0.0000	8.0566	0.0052	
2016-12-30 12:00:00	0.3119	5.0098	0.0016	0.1297	0.0000	8.0566	0.0049	
2016-12-30 12:15:00	0.8562	5.0098	0.0043	0.1723	0.0001	8.0566	0.0134	
2016-12-30 12:30:00	1.1877	5.0098	0.0059	0.0013	0.0000	8.0566	0.0186	
2016-12-30 12:45:00	0.8314	5.0098	0.0042	0.0342	0.0000	8.0566	0.0130	
2016-12-30 13:00:00	0.8240	5.0098	0.0041	0.0429	0.0000	8.0566	0.0129	
2016-12-30 13:15:00	1.1519	5.0098	0.0058	0.0607	0.0001	8.0566	0.0180	
2016-12-30 13:30:00	1.1407	5.0098	0.0057	0.0869	0.0001	8.0566	0.0178	
2016-12-30 13:45:00	1.5712	5.0098	0.0079	0.1203	0.0002	8.0566	0.0246	
2016-12-30 14:00:00	0.8740	5.0098	0.0044	0.0775	0.0001	8.0566	0.0137	
2016-12-30 14:15:00	0.6701	5.0098	0.0034	0.0515	0.0000	8.0566	0.0105	
2016-12-30 14:30:00	0.4998	5.0098	0.0025	0.0515	0.0000	8.0566	0.0078	
2016-12-30 14:45:00	0.3968	5.0098	0.0020	0.0515	0.0000	8.0566	0.0062	
2016-12-30 15:00:00	0.7625	5.0098	0.0038	0.0515	0.0000	8.0566	0.0119	
2016-12-30 15:15:00	0.7268	5.0098	0.0036	0.0515	0.0000	8.0566	0.0114	
2016-12-30 15:30:00	1.2216	5.0098	0.0061	0.0515	0.0001	8.0566	0.0191	
2016-12-30 15:45:00	1.1621	5.0098	0.0058	0.0515	0.0001	8.0566	0.0182	
2016-12-30 16:00:00	1.0441	5.0098	0.0052	0.0515	0.0001	8.0566	0.0163	
2016-12-30 16:15:00	0.8285	5.0098	0.0042	0.0515	0.0000	8.0566	0.0129	
2016-12-30 16:30:00	1.1847	5.0098	0.0059	0.0515	0.0001	8.0566	0.0185	
2016-12-30 16:45:00	0.6646	5.0098	0.0033	0.0515	0.0000	8.0566	0.0104	
2016-12-30 17:00:00	0.6391	5.0098	0.0032	0.0515	0.0000	8.0566	0.0100	
2016-12-30 17:15:00	0.4083	5.0098	0.0020	0.0515	0.0000	8.0566	0.0064	
2016-12-30 17:30:00	0.3321	5.0098	0.0017	0.0515	0.0000	8.0566	0.0052	
2016-12-30 17:45:00	0.5790	5.0098	0.0029	1.2936	0.0007	8.0566	0.0090	
i l	0.4205	5.0098	0.0022	2.2547	0.0010	8.0566	0.0067	
2016-12-30 18:00:00	0.4305	5.0098	0.0022	2.2547	0.0010	0.0300	0.0007	
2016-12-30 18:00:00 2016-12-30 18:15:00	0.3881	5.0098	0.0022	0.1533	0.0001	8.0566	0.0061	

		Point Source Air E	missions - A2 Nitric	Acid Stack	Point Source Air Emissions - A2 Nitric Acid Stack						
Parameter	Volumetric Flow Rate		Ox	NH3		N	20				
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s				
2016-12-30 18:45:00	0.0667	5.0098	0.0003	0.0488	0.0000	8.0566	0.0010				
2016-12-30 19:00:00	0.0575	5.0098	0.0003	0.1241	0.0000	8.0566	0.0009				
2016-12-30 19:15:00	0.0000	5.0098	0.0000	0.1420	0.0000	8.0566	0.0000				
2016-12-30 19:30:00	0.1995	5.0098	0.0010	0.0007	0.0000	8.0566	0.0031				
2016-12-30 19:45:00	0.1288	5.0098	0.0006	0.0007	0.0000	8.0566	0.0020				
2016-12-30 20:00:00	0.1755	5.0098	0.0009	0.0007	0.0000	8.0566	0.0027				
2016-12-30 20:15:00	0.0834	5.0098	0.0004	0.0007	0.0000	8.0566	0.0013				
2016-12-30 20:30:00	0.2439	5.0098	0.0012	0.0007	0.0000	8.0566	0.0038				
2016-12-30 20:45:00	0.1280	5.0098	0.0006	0.0007	0.0000	8.0566	0.0020				
2016-12-30 21:00:00	0.2289	5.0098	0.0011	0.0007	0.0000	8.0566	0.0036				
2016-12-30 21:15:00	0.3605	5.0098	0.0018	0.0007	0.0000	8.0566	0.0056				
2016-12-30 21:30:00	0.2434	5.0098	0.0012	0.0007	0.0000	8.0566	0.0038				
2016-12-30 21:45:00	0.2680	5.0098	0.0013	0.0007	0.0000	8.0566	0.0042				
2016-12-30 22:00:00	0.4680	5.0098	0.0023	0.0007	0.0000	8.0566	0.0073				
2016-12-30 22:15:00	0.2482	5.0098	0.0012 0.0018	0.0007 0.0007	0.0000	8.0566	0.0039				
2016-12-30 22:30:00	0.3686	5.0098	0.0018		0.0000	8.0566	0.0058				
2016-12-30 22:45:00	0.1706	5.0098		0.0007	0.0000	8.0566	0.0027				
2016-12-30 23:00:00 2016-12-30 23:15:00	0.2803 0.3783	5.0098 5.0098	0.0014 0.0019	0.0007 0.0007	0.0000 0.0000	8.0566 8.0566	0.0044 0.0059				
2016-12-30 23:15:00											
2016-12-30 23:30:00	0.2448 0.0000	5.0098 5.0098	0.0012 0.0000	0.0007 0.0007	0.0000 0.0000	8.0566 8.0566	0.0038 0.0000				
2016-12-30 23:45:00 2016-12-31 00:00:00	0.0000	5.0098	0.0000	0.0007	0.0000	8.0566 8.0566	0.0000				
2016-12-31 00:00:00	0.1818	5.0098	0.0009	0.0007	0.0000	8.0566	0.0028				
2016-12-31 00:15:00	0.2265	5.0098	0.0011	0.0007	0.0000	8.0566	0.0035				
2016-12-31 00:30:00	0.2676	5.0098	0.0013	0.0007	0.0000	8.0566	0.0042				
2016-12-31 00:45:00	0.2454	5.0098	0.0006	0.0007	0.0000	8.0566	0.0018				
2016-12-31 01:00:00	0.2049	5.0098	0.0012	0.0174	0.0000	8.0566	0.0038				
2016-12-31 01:30:00	0.1813	5.0098	0.0009	0.0041	0.0000	8.0566	0.0032				
2016-12-31 01:45:00	0.2767	5.0098	0.0014	0.0041	0.0000	8.0566	0.0028				
2016-12-31 02:00:00	0.3766	5.0098	0.0019	0.0041	0.0000	8.0566	0.0059				
2016-12-31 02:15:00	0.2592	5.0098	0.0013	0.0041	0.0000	8.0566	0.0033				
2016-12-31 02:30:00	0.2099	5.0098	0.0011	0.0041	0.0000	8.0566	0.0033				
2016-12-31 02:45:00	0.3902	5.0098	0.0020	0.0041	0.0000	8.0566	0.0061				
2016-12-31 03:00:00	0.4589	5.0098	0.0023	0.0041	0.0000	8.0566	0.0072				
2016-12-31 03:15:00	0.2090	5.0098	0.0010	0.0041	0.0000	8.0566	0.0033				
2016-12-31 03:30:00	0.3809	5.0098	0.0019	0.0041	0.0000	8.0566	0.0060				
2016-12-31 03:45:00	0.4003	5.0098	0.0020	0.0041	0.0000	8.0566	0.0063				
2016-12-31 04:00:00	0.2840	5.0098	0.0014	0.0041	0.0000	8.0566	0.0044				
2016-12-31 04:15:00	0.5378	5.0098	0.0027	0.0041	0.0000	8.0566	0.0084				
2016-12-31 04:30:00	0.1484	5.0098	0.0007	0.0041	0.0000	8.0566	0.0023				
2016-12-31 04:45:00	0.6090	5.0098	0.0031	0.0041	0.0000	8.0566	0.0095				
2016-12-31 05:00:00	0.6621	5.0098	0.0033	0.0041	0.0000	8.0566	0.0103				
2016-12-31 05:15:00	0.9082	5.0098	0.0045	0.0041	0.0000	8.0566	0.0142				
2016-12-31 05:30:00	0.0964	5.0098	0.0005	0.0041	0.0000	8.0566	0.0015				
2016-12-31 05:45:00	0.0386	5.0098	0.0002	0.0041	0.0000	8.0566	0.0006				
2016-12-31 06:00:00	0.5449	5.0098	0.0027	0.0041	0.0000	8.0566	0.0085				
2016-12-31 06:15:00	1.0203	5.0098	0.0051	0.0041	0.0000	8.0566	0.0159				
2016-12-31 06:30:00	1.1411	5.0098	0.0057	0.0041	0.0000	8.0566	0.0178				
2016-12-31 06:45:00	0.3403	5.0098	0.0017	0.0041	0.0000	8.0566	0.0053				
2016-12-31 07:00:00	0.3638	5.0098	0.0018	0.0041	0.0000	8.0566	0.0057				
2016-12-31 07:15:00	0.6755	5.0098	0.0034	0.0041	0.0000	8.0566	0.0106				
2016-12-31 07:30:00	2.1746	5.0098	0.0109	0.0041	0.0000	8.0566	0.0340				
2016-12-31 07:45:00	2.2163	5.0098	0.0111	0.0041	0.0000	8.0566	0.0346				
2016-12-31 08:00:00	2.7809	5.0098	0.0139	0.0041	0.0000	8.0566	0.0435				
2016-12-31 08:15:00	0.0192	5.0098	0.0001	0.0041	0.0000	8.0566	0.0003				
2016-12-31 08:30:00	0.0579	5.0098	0.0003	0.0041	0.0000	8.0566	0.0009				
2016-12-31 08:45:00	0.0398	5.0098	0.0002	0.0685	0.0000	8.0566	0.0006				
2016-12-31 09:00:00	0.0214	5.0098	0.0001	0.1188	0.0000	8.0566	0.0003				
2016-12-31 09:15:00	0.0372	5.0098	0.0002	0.1188	0.0000	8.0566	0.0006				
2016-12-31 09:30:00	0.0185	5.0098	0.0001	0.1188	0.0000	8.0566	0.0003				
2016-12-31 09:45:00	0.0357	5.0098	0.0002	0.1188	0.0000	8.0566	0.0006				
2016-12-31 10:00:00	0.1449	5.0098	0.0007	0.1188	0.0000	8.0566	0.0023				
2016-12-31 10:15:00	1.3791	5.0098	0.0069	0.1188	0.0002	8.0566	0.0216				
2016-12-31 10:30:00	2.2966	5.0098	0.0115	0.1188	0.0003	8.0566	0.0359				
2016-12-31 10:45:00	1.9474	5.0098	0.0098	0.1188	0.0002	8.0566	0.0304				
2016-12-31 11:00:00	2.7090	5.0098	0.0136	0.1188	0.0003	8.0566	0.0423				
2016-12-31 11:15:00	3.0424	5.0098	0.0152	0.1271	0.0004	8.0566	0.0476				
2016-12-31 11:30:00	2.3454	5.0098	0.0118	0.1367	0.0003	8.0566	0.0367				
2016-12-31 11:45:00	1.4307	5.0098	0.0072	0.1167	0.0002	8.0566	0.0224				
2016-12-31 12:00:00	1.4220	5.0098	0.0071	0.1167	0.0002	8.0566	0.0222				
2016-12-31 12:15:00	0.8716	5.0098	0.0044	0.1029	0.0001	8.0566	0.0136				
2016-12-31 12:30:00	1.0335	5.0098	0.0052	0.0372	0.0000	8.0566	0.0162				
	0.2467	5.0098	0.0016	0.0631	0.0000	8.0566	0.0049				
2016-12-31 12:45:00	0.3167										
2016-12-31 12:45:00 2016-12-31 13:00:00 2016-12-31 13:15:00	0.3709 0.1798	5.0098 5.0098	0.0010 0.0019 0.0009	0.0800 0.1028	0.0000 0.0000	8.0566 8.0566	0.0058 0.0028				

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2016-12-31 13:30:00	0.1617	5.0098	0.0008	0.0756	0.0000	8.0566	0.0025	
2016-12-31 13:45:00	0.4012	5.0098	0.0020	0.1214	0.0000	8.0566	0.0063	
2016-12-31 14:00:00	0.2844	5.0098	0.0014	0.0831	0.0000	8.0566	0.0044	
2016-12-31 14:15:00	0.1878	5.0098	0.0009	0.0190	0.0000	8.0566	0.0029	
2016-12-31 14:30:00	0.2079	5.0098	0.0010	0.0000	0.0000	8.0566	0.0032	
2016-12-31 14:45:00	0.2284	5.0098	0.0011	0.0000	0.0000	8.0566	0.0036	
2016-12-31 15:00:00	0.1391	5.0098	0.0007	0.0000	0.0000	8.0566	0.0022	
2016-12-31 15:15:00	0.1103	5.0098	0.0006	0.0000	0.0000	8.0566	0.0017	
2016-12-31 15:30:00	0.5288	5.0098	0.0026	0.0000	0.0000	8.0566	0.0083	
2016-12-31 15:45:00	0.7878	5.0098	0.0039	0.0000	0.0000	8.0566	0.0123	
2016-12-31 16:00:00	1.3010	5.0098	0.0065	0.0000	0.0000	8.0566	0.0203	
2016-12-31 16:15:00	0.3593	5.0098	0.0018	0.0000	0.0000	8.0566	0.0056	
2016-12-31 16:30:00	0.3969	5.0098	0.0020	0.0000 0.0000	0.0000	8.0566	0.0062	
2016-12-31 16:45:00	0.7040 0.8862	5.0098 5.0098	0.0035 0.0044	0.0000	0.0000 0.0000	8.0566 8.0566	0.0110 0.0139	
2016-12-31 17:00:00 2016-12-31 17:15:00	0.4881	5.0098	0.0044	0.0000	0.0000	8.0566	0.0139	
2016-12-31 17:13:00	0.4881	5.0098	0.0024	0.0000	0.0000	8.0566	0.0076	
2016-12-31 17:30:00	0.6737	5.0098	0.0029	0.0000	0.0000	8.0566	0.0091	
2016-12-31 17:43:00	0.5958	5.0098	0.0034	0.0000	0.0000	8.0566	0.0093	
2016-12-31 18:00:00	0.7783	5.0098	0.0030	0.0000	0.0000	8.0566	0.0122	
2016-12-31 18:15:00	0.7783	5.0098	0.0039	0.0000	0.0000	8.0566	0.0122	
2016-12-31 18:45:00	0.5313	5.0098	0.0024	0.0000	0.0000	8.0566	0.0074	
2016-12-31 19:00:00	0.5764	5.0098	0.0027	0.0000	0.0000	8.0566	0.0090	
2016-12-31 19:00:00	0.1535	5.0098	0.0029	0.0364	0.0000	8.0566	0.0024	
2016-12-31 19:30:00	0.2473	5.0098	0.0003	0.0096	0.0000	8.0566	0.0039	
2016-12-31 19:45:00	0.1338	5.0098	0.0007	0.0128	0.0000	8.0566	0.0021	
2016-12-31 20:00:00	0.2353	5.0098	0.0012	0.0000	0.0000	8.0566	0.0037	
2016-12-31 20:15:00	0.3514	5.0098	0.0012	0.0000	0.0000	8.0566	0.0055	
2016-12-31 20:30:00	0.4403	5.0098	0.0022	0.0000	0.0000	8.0566	0.0069	
2016-12-31 20:45:00	0.4335	5.0098	0.0022	0.0000	0.0000	8.0566	0.0068	
2016-12-31 21:00:00	0.4050	5.0098	0.0020	0.0000	0.0000	8.0566	0.0063	
2016-12-31 21:15:00	0.4796	5.0098	0.0024	0.0000	0.0000	8.0566	0.0075	
2016-12-31 21:30:00	0.3509	5.0098	0.0018	0.0000	0.0000	8.0566	0.0055	
2016-12-31 21:45:00	0.3265	5.0098	0.0016	0.0000	0.0000	8.0566	0.0051	
2016-12-31 22:00:00	0.4898	5.0098	0.0025	0.0000	0.0000	8.0566	0.0077	
2016-12-31 22:15:00	0.4377	5.0098	0.0022	0.0000	0.0000	8.0566	0.0068	
2016-12-31 22:30:00	0.3369	5.0098	0.0017	0.0000	0.0000	8.0566	0.0053	
2016-12-31 22:45:00	0.6396	5.0098	0.0032	0.0000	0.0000	8.0566	0.0100	
2016-12-31 23:00:00	0.2905	5.0098	0.0015	0.0000	0.0000	8.0566	0.0045	
2016-12-31 23:15:00	0.2647	5.0098	0.0013	0.0000	0.0000	8.0566	0.0041	
2016-12-31 23:30:00	0.4888	5.0098	0.0024	0.0000	0.0000	8.0566	0.0076	
2016-12-31 23:45:00	0.4886	5.0098	0.0024	0.0000	0.0000	8.0566	0.0076	
2017-01-01 00:00:00	0.1200	5.0098	0.0006	0.0000	0.0000	8.0566	0.0019	
2017-01-01 00:15:00	0.3120	5.0098	0.0016	0.0000	0.0000	8.0566	0.0049	
2017-01-01 00:30:00	0.3262	5.0098	0.0016	0.0000	0.0000	8.0566	0.0051	
2017-01-01 00:45:00	0.5592	5.0098	0.0028	0.0000	0.0000	8.0566	0.0087	
2017-01-01 01:00:00	0.3014	5.0098	0.0015	0.0000	0.0000	8.0566	0.0047	
2017-01-01 01:15:00	0.1699	5.0098	0.0009	0.0000	0.0000	8.0566	0.0027	
2017-01-01 01:30:00	0.2914	5.0098	0.0015	0.0000	0.0000	8.0566	0.0046	
2017-01-01 01:45:00	0.1298	5.0098	0.0007	0.0000	0.0000	8.0566	0.0020	
2017-01-01 02:00:00	1.0880	5.0098	0.0055	0.0000	0.0000	8.0566	0.0170	
2017-01-01 02:15:00	1.1426	5.0098	0.0057	0.0000	0.0000	8.0566	0.0179	
2017-01-01 02:30:00	1.2090	5.0098	0.0061	0.0000	0.0000	8.0566	0.0189	
2017-01-01 02:45:00	1.0942	5.0098	0.0055	0.0000	0.0000	8.0566	0.0171	
2017-01-01 03:00:00	0.5028	5.0098	0.0025	0.0000	0.0000	8.0566	0.0079	
2017-01-01 03:15:00	0.0543	5.0098	0.0003	0.0000	0.0000	8.0566	0.0008	
2017-01-01 03:30:00	0.2227	5.0098	0.0011	0.0000	0.0000	8.0566	0.0035	
2017-01-01 03:45:00	0.3141	5.0098	0.0016	0.0000	0.0000	8.0566	0.0049	
2017-01-01 04:00:00	0.7073	5.0098	0.0035	0.0000	0.0000	8.0566	0.0111	
2017-01-01 04:15:00	1.4444	5.0098	0.0072	0.0000	0.0000	8.0566	0.0226	
2017-01-01 04:30:00	0.8559	5.0098	0.0043	0.0000	0.0000	8.0566	0.0134	
2017-01-01 04:45:00	0.9477	5.0098	0.0047	0.0000	0.0000	8.0566	0.0148	
2017-01-01 05:00:00	1.3120	5.0098	0.0066	0.0000	0.0000	8.0566	0.0205	
2017-01-01 05:15:00	1.4711	5.0098	0.0074	0.0000	0.0000	8.0566	0.0230	
2017-01-01 05:30:00	1.8840	5.0098	0.0094	0.0000	0.0000	8.0566	0.0294	
2017-01-01 05:45:00	1.8519	5.0098	0.0093	0.0000	0.0000	8.0566	0.0289	
2017-01-01 06:00:00	1.0214	5.0098	0.0051	0.0000	0.0000	8.0566	0.0160	
2017-01-01 06:15:00	1.4753	5.0098	0.0074	0.0000	0.0000	8.0566	0.0231	
2017-01-01 06:30:00	2.7908	5.0098	0.0140	0.0000	0.0000	8.0566	0.0436	
2017-01-01 06:45:00	2.5266	5.0098	0.0127	0.0000	0.0000	8.0566	0.0395	
2017-01-01 07:00:00	2.6793	5.0098	0.0134	0.0000	0.0000	8.0566	0.0419	
2017-01-01 07:15:00	2.1807	5.0098	0.0109	0.0000	0.0000	8.0566	0.0341	
2017-01-01 07:30:00	2.4324	5.0098	0.0122	0.0601	0.0001	8.0566	0.0380	
2017-01-01 07:45:00	3.2595	5.0098	0.0163	0.1126	0.0004	8.0566	0.0509	
2017-01-01 08:00:00	3.8300	5.0098	0.0192	0.1275	0.0005	8.0566	0.0599	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-01 08:15:00	1.3500	5.0098	0.0068	0.2335	0.0003	8.0566	0.0211
2017-01-01 08:30:00	1.2555	5.0098	0.0063	0.2335	0.0003	8.0566	0.0196
2017-01-01 08:45:00	0.3572	5.0098	0.0018	0.2335	0.0001	8.0566	0.0056
2017-01-01 09:00:00	0.1148	5.0098	0.0006	0.2335	0.0000	8.0566	0.0018
2017-01-01 09:15:00	0.2102	5.0098	0.0011	0.2335	0.0000	8.0566	0.0033
2017-01-01 09:30:00	0.1783	5.0098	0.0009	0.2335	0.0000	8.0566	0.0028
2017-01-01 09:45:00	0.3574	5.0098	0.0018	0.2335	0.0001	8.0566	0.0056
2017-01-01 10:00:00	1.0252	5.0098	0.0051	0.2335	0.0002	8.0566	0.0160
2017-01-01 10:15:00	0.9433	5.0098	0.0047	0.2335	0.0002	8.0566	0.0147
2017-01-01 10:30:00	2.1114	5.0098	0.0106	0.2335	0.0005	8.0566	0.0330
2017-01-01 10:45:00	3.1795	5.0098	0.0159	0.2335	0.0007	8.0566	0.0497
2017-01-01 11:00:00	3.2017	5.0098	0.0160	0.2335	0.0007	8.0566	0.0500
2017-01-01 11:15:00	3.1128	5.0098	0.0156	0.2335	0.0007	8.0566	0.0487
2017-01-01 11:30:00	2.3316	5.0098	0.0117	0.2335	0.0005	8.0566	0.0364
2017-01-01 11:45:00	2.8668	5.0098	0.0144	0.2335	0.0007	8.0566	0.0448
2017-01-01 12:00:00	2.8542	5.0098	0.0143	0.2335	0.0007	8.0566	0.0446
2017-01-01 12:15:00	3.0132	5.0098	0.0151	0.2335	0.0007	8.0566	0.0471
2017-01-01 12:30:00	2.4620	5.0098	0.0123	0.1514	0.0004	8.0566	0.0385
2017-01-01 12:45:00	2.6064	5.0098	0.0131	0.2280	0.0006	8.0566	0.0407
2017-01-01 13:00:00	2.2771	5.0098	0.0114	0.2280	0.0005	8.0566	0.0356
2017-01-01 13:15:00 2017-01-01 13:30:00	1.9443	5.0098	0.0097	0.2280	0.0004	8.0566	0.0304
2017-01-01 13:30:00 2017-01-01 13:45:00	2.8013	5.0098 5.0098	0.0140 0.0138	0.2280 0.2280	0.0006 0.0006	8.0566 8.0566	0.0438 0.0431
2017-01-01 13:45:00 2017-01-01 14:00:00	2.7606 2.2551	5.0098	0.0138	0.2280	0.0006	8.0566 8.0566	0.0431
2017-01-01 14:00:00	1.6280	5.0098	0.0113	0.1921	0.0004	8.0566	0.0352
2017-01-01 14:15:00	2.1113	5.0098	0.0106	0.1147	0.0002	8.0566	0.0234
2017-01-01 14:45:00	1.2995	5.0098	0.0165	0.0051	0.0002	8.0566	0.0203
2017-01-01 14:43:00	1.1709	5.0098	0.0059	0.0051	0.0000	8.0566	0.0203
2017-01-01 15:00:00	0.3816	5.0098	0.0039	0.0096	0.0000	8.0566	0.0060
2017-01-01 15:13:00	0.9777	5.0098	0.0019	0.0000	0.0000	8.0566	0.0153
2017-01-01 15:45:00	1.5042	5.0098	0.0075	0.0000	0.0000	8.0566	0.0133
2017-01-01 16:00:00	1.4065	5.0098	0.0070	0.0000	0.0000	8.0566	0.0220
2017-01-01 16:15:00	1.3341	5.0098	0.0067	0.0000	0.0000	8.0566	0.0209
2017-01-01 16:30:00	0.8445	5.0098	0.0042	0.0000	0.0000	8.0566	0.0132
2017-01-01 16:45:00	1.1013	5.0098	0.0055	0.0000	0.0000	8.0566	0.0172
2017-01-01 17:00:00	1.3413	5.0098	0.0067	0.0000	0.0000	8.0566	0.0210
2017-01-01 17:15:00	1.3234	5.0098	0.0066	0.0000	0.0000	8.0566	0.0207
2017-01-01 17:30:00	1.2858	5.0098	0.0064	0.0000	0.0000	8.0566	0.0201
2017-01-01 17:45:00	0.9817	5.0098	0.0049	0.0000	0.0000	8.0566	0.0153
2017-01-01 18:00:00	0.4804	5.0098	0.0024	0.0103	0.0000	8.0566	0.0075
2017-01-01 18:15:00	0.4930	5.0098	0.0025	0.0564	0.0000	8.0566	0.0077
2017-01-01 18:30:00	0.2263	5.0098	0.0011	0.0912	0.0000	8.0566	0.0035
2017-01-01 18:45:00	0.1635	5.0098	0.0008	0.1126	0.0000	8.0566	0.0026
2017-01-01 19:00:00	0.0886	5.0098	0.0004	0.1126	0.0000	8.0566	0.0014
2017-01-01 19:15:00	0.0553	5.0098	0.0003	0.1126	0.0000	8.0566	0.0009
2017-01-01 19:30:00	0.0179	5.0098	0.0001	0.1126	0.0000	8.0566	0.0003
2017-01-01 19:45:00	0.1631	5.0098	0.0008	0.1126	0.0000	8.0566	0.0025
2017-01-01 20:00:00	0.3105	5.0098	0.0016	0.1126	0.0000	8.0566	0.0049
2017-01-01 20:15:00	0.2484	5.0098	0.0012	0.1126	0.0000	8.0566	0.0039
2017-01-01 20:30:00	0.1150	5.0098	0.0006	0.0189	0.0000	8.0566	0.0018
2017-01-01 20:45:00	0.1951	5.0098	0.0010	0.0000	0.0000	8.0566	0.0030
2017-01-01 21:00:00	0.1656	5.0098	0.0008	0.0000	0.0000	8.0566	0.0026
2017-01-01 21:15:00	0.2087	5.0098	0.0010	0.0000	0.0000	8.0566	0.0033
2017-01-01 21:30:00	0.3200	5.0098	0.0016	0.0000	0.0000	8.0566	0.0050
2017-01-01 21:45:00	0.0650	5.0098	0.0003	0.0000	0.0000	8.0566	0.0010
2017-01-01 22:00:00	0.0418	5.0098	0.0002	0.0000	0.0000	8.0566	0.0007
2017-01-01 22:15:00	0.0935	5.0098	0.0005	0.0000	0.0000	8.0566	0.0015
2017-01-01 22:30:00	0.0048	5.0098	0.0000	0.0000	0.0000	8.0566	0.0001
2017-01-01 22:45:00	0.1197	5.0098	0.0006	0.0000	0.0000	8.0566	0.0019
2017-01-01 23:00:00	0.3744	5.0098	0.0019	0.0000	0.0000	8.0566	0.0059
2017-01-01 23:15:00	0.1643	5.0098	0.0008	0.0000	0.0000	8.0566	0.0026
2017-01-01 23:30:00	0.1008	5.0098	0.0005	0.0000	0.0000	8.0566	0.0016
2017-01-01 23:45:00	0.1358	5.0098	0.0007	0.0000	0.0000	8.0566	0.0021
2017-01-02 00:00:00	0.2359	5.0098	0.0012	0.0000	0.0000	8.0566	0.0037
2017-01-02 00:15:00	0.3035	5.0098	0.0015	0.0000	0.0000	8.0566	0.0047
2017-01-02 00:30:00	0.1914	5.0098	0.0010	0.0000	0.0000	8.0566	0.0030
2017-01-02 00:45:00	0.2360	5.0098	0.0012	0.0000	0.0000	8.0566	0.0037
2017-01-02 01:00:00	0.5412	5.0098	0.0027	0.0000	0.0000	8.0566	0.0085
2017-01-02 01:15:00	0.1213	5.0098	0.0006	0.0000	0.0000	8.0566	0.0019
2017-01-02 01:30:00	0.4687	5.0098	0.0023	0.0000	0.0000	8.0566	0.0073
2017-01-02 01:45:00	0.4421	5.0098	0.0022	0.0000	0.0000	8.0566	0.0069
2017-01-02 02:00:00	0.2612	5.0098	0.0013	0.0000	0.0000	8.0566	0.0041
2017-01-02 02:15:00	0.7594	5.0098	0.0038	0.0000	0.0000	8.0566	0.0119
2017-01-02 02:30:00	1.5515	5.0098	0.0078	0.0000	0.0000	8.0566	0.0243
2017-01-02 02:45:00	2.5868	5.0098	0.0130	0.0000	0.0000	8.0566	0.0404

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-02 03:00:00	3.9883	5.0098	0.0200	0.1086	0.0004	8.0566	0.0623
2017-01-02 03:15:00	3.9586	5.0098	0.0198	0.1774	0.0007	8.0566	0.0619
2017-01-02 03:30:00	3.1077	5.0098	0.0156	0.1126	0.0003	8.0566	0.0486
2017-01-02 03:45:00	3.2834	5.0098	0.0164	0.1126	0.0004	8.0566	0.0513
2017-01-02 04:00:00	3.8979	5.0098	0.0195	0.1126	0.0004	8.0566	0.0609
2017-01-02 04:15:00	3.3777	5.0098	0.0169	0.1126	0.0004	8.0566	0.0528
2017-01-02 04:30:00	3.2400	5.0098	0.0162	0.1126	0.0004	8.0566	0.0506
2017-01-02 04:45:00	4.1666	5.0098	0.0209	0.1126	0.0005	8.0566	0.0651
2017-01-02 05:00:00	3.3078	5.0098	0.0166	0.1126	0.0004	8.0566	0.0517
2017-01-02 05:15:00	3.8200	5.0098	0.0191	0.1126	0.0004	8.0566	0.0597
2017-01-02 05:30:00	4.3032	5.0098	0.0216	0.1126	0.0005	8.0566	0.0673
2017-01-02 05:45:00	3.9803	5.0098	0.0199	0.1126	0.0004	8.0566	0.0622
2017-01-02 06:00:00	4.2693	5.0098	0.0214	0.1126	0.0005	8.0566	0.0667
2017-01-02 06:15:00	4.4186	5.0098	0.0221	0.1126	0.0005	8.0566	0.0691
2017-01-02 06:30:00	4.5253	5.0098	0.0227	0.1126	0.0005	8.0566	0.0707
2017-01-02 06:45:00	4.1965	5.0098	0.0210	0.1126	0.0005	8.0566	0.0656
2017-01-02 07:00:00	3.7072	5.0098	0.0186	0.1126	0.0004	8.0566	0.0579
2017-01-02 07:15:00	3.8079	5.0098	0.0191	0.1126	0.0004	8.0566	0.0595
2017-01-02 07:30:00	2.8844	5.0098	0.0144	0.1126	0.0003	8.0566	0.0451
2017-01-02 07:45:00	1.8779	5.0098	0.0094	0.1126	0.0002	8.0566	0.0294
2017-01-02 08:00:00	1.4176	5.0098	0.0071	0.1126	0.0002	8.0566	0.0222
2017-01-02 08:15:00 2017-01-02 08:30:00	0.1701	5.0098	0.0009 0.0001	0.1126	0.0000 0.0000	8.0566 8.0566	0.0027
2017-01-02 08:30:00 2017-01-02 08:45:00	0.0182 0.0000	5.0098 5.0098	0.0001	0.1452 0.2266	0.0000	8.0566 8.0566	0.0003 0.0000
2017-01-02 08:45:00 2017-01-02 09:00:00	0.0000	5.0098	0.0000	0.2266	0.0000	8.0566 8.0566	0.0000
2017-01-02 09:00:00 2017-01-02 09:15:00	0.0000	5.0098	0.0000	0.2266	0.0000	8.0566 8.0566	0.0000
2017-01-02 09:15:00	0.0000	5.0098	0.0000	0.1974	0.0000	8.0566	0.0000
2017-01-02 09:30:00	0.4193	5.0098	0.0000	0.2300	0.0001	8.0566	0.0066
2017-01-02 09:45:00	0.4193	5.0098	0.0021	0.2300	0.0001	8.0566	0.0052
2017-01-02 10:00:00	1.0048	5.0098	0.0017	0.2300	0.0001	8.0566	0.0032
2017-01-02 10:13:00	1.8847	5.0098	0.0094	0.2300	0.0002	8.0566	0.0295
2017-01-02 10:45:00	1.4567	5.0098	0.0073	0.2300	0.0004	8.0566	0.0233
2017-01-02 10:43:00	1.4271	5.0098	0.0073	0.2300	0.0003	8.0566	0.0223
2017-01-02 11:15:00	3.5305	5.0098	0.0177	0.2300	0.0008	8.0566	0.0552
2017-01-02 11:30:00	2.6087	5.0098	0.0177	0.2300	0.0006	8.0566	0.0408
2017-01-02 11:45:00	2.4554	5.0098	0.0123	0.2300	0.0006	8.0566	0.0384
2017-01-02 12:00:00	2.2062	5.0098	0.0123	0.2300	0.0005	8.0566	0.0345
2017-01-02 12:15:00	2.2814	5.0098	0.0114	0.1716	0.0004	8.0566	0.0357
2017-01-02 12:30:00	2.5095	5.0098	0.0114	0.1160	0.0003	8.0566	0.0392
2017-01-02 12:45:00	1.9578	5.0098	0.0098	0.1316	0.0003	8.0566	0.0306
2017-01-02 13:00:00	1.9314	5.0098	0.0097	0.1812	0.0003	8.0566	0.0302
2017-01-02 13:15:00	1.5218	5.0098	0.0076	0.2092	0.0003	8.0566	0.0238
2017-01-02 13:30:00	2.7249	5.0098	0.0137	0.2287	0.0006	8.0566	0.0426
2017-01-02 13:45:00	1.5544	5.0098	0.0078	0.2095	0.0003	8.0566	0.0243
2017-01-02 14:00:00	1.5217	5.0098	0.0076	0.1105	0.0002	8.0566	0.0238
2017-01-02 14:15:00	1.3983	5.0098	0.0070	0.1105	0.0002	8.0566	0.0219
2017-01-02 14:30:00	1.2468	5.0098	0.0062	0.1105	0.0001	8.0566	0.0195
2017-01-02 14:45:00	1.7260	5.0098	0.0086	0.1105	0.0002	8.0566	0.0270
2017-01-02 15:00:00	1.2138	5.0098	0.0061	0.1105	0.0001	8.0566	0.0190
2017-01-02 15:15:00	1.3557	5.0098	0.0068	0.1105	0.0001	8.0566	0.0212
2017-01-02 15:30:00	0.2855	5.0098	0.0014	0.1105	0.0000	8.0566	0.0045
2017-01-02 15:45:00	0.5023	5.0098	0.0025	0.1105	0.0001	8.0566	0.0079
2017-01-02 16:00:00	0.2713	5.0098	0.0014	0.1105	0.0000	8.0566	0.0042
2017-01-02 16:15:00	0.7554	5.0098	0.0038	0.1105	0.0001	8.0566	0.0118
2017-01-02 16:30:00	0.7449	5.0098	0.0037	0.1105	0.0001	8.0566	0.0116
2017-01-02 16:45:00	1.1804	5.0098	0.0059	0.1105	0.0001	8.0566	0.0184
2017-01-02 17:00:00	1.4086	5.0098	0.0071	0.1105	0.0002	8.0566	0.0220
2017-01-02 17:15:00	0.6905	5.0098	0.0035	0.1105	0.0001	8.0566	0.0108
2017-01-02 17:30:00	1.0296	5.0098	0.0052	0.1105	0.0001	8.0566	0.0161
2017-01-02 17:45:00	1.4765	5.0098	0.0074	0.1105	0.0002	8.0566	0.0231
2017-01-02 18:00:00	1.5370	5.0098	0.0077	0.1105	0.0002	8.0566	0.0240
2017-01-02 18:15:00	3.6931	5.0098	0.0185	0.1105	0.0004	8.0566	0.0577
2017-01-02 18:30:00	1.6788	5.0098	0.0084	0.1105	0.0002	8.0566	0.0262
2017-01-02 18:45:00	2.9418	5.0098	0.0147	0.1105	0.0003	8.0566	0.0460
2017-01-02 19:00:00	1.5489	5.0098	0.0078	0.1105	0.0002	8.0566	0.0242
2017-01-02 19:15:00	0.5044	5.0098	0.0025	0.1105	0.0001	8.0566	0.0079
2017-01-02 19:30:00	0.8755	5.0098	0.0044	0.1105	0.0001	8.0566	0.0137
2017-01-02 19:45:00	0.6051	5.0098	0.0030	0.1105	0.0001	8.0566	0.0095
2017-01-02 20:00:00	0.2847	5.0098	0.0014	0.1105	0.0000	8.0566	0.0044
2017-01-02 20:15:00	1.0376	5.0098	0.0052	0.1105	0.0001	8.0566	0.0162
2017-01-02 20:30:00	0.9392	5.0098	0.0047	0.1105	0.0001	8.0566	0.0147
2017-01-02 20:45:00	1.3447	5.0098	0.0067	0.1105	0.0001	8.0566	0.0210
2017 01 02 21,00,00	0.3898	5.0098	0.0020	0.1105	0.0000	8.0566	0.0061
2017-01-02 21:00:00							
2017-01-02 21:15:00	0.0228	5.0098	0.0001	0.1105	0.0000	8.0566	0.0004

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-02 21:45:00	0.0187	5.0098	0.0001	0.1105	0.0000	8.0566	0.0003
2017-01-02 22:00:00	0.0185	5.0098	0.0001	0.1105	0.0000	8.0566	0.0003
2017-01-02 22:15:00	0.0372	5.0098	0.0002	0.1105	0.0000	8.0566	0.0006
2017-01-02 22:30:00	0.0753	5.0098	0.0004	0.1105	0.0000	8.0566	0.0012
2017-01-02 22:45:00	1.5073	5.0098	0.0076	0.1105	0.0002	8.0566	0.0236
2017-01-02 23:00:00	2.1908	5.0098	0.0110	0.1105	0.0002	8.0566	0.0342
2017-01-02 23:15:00	3.2330	5.0098	0.0162	0.1105	0.0004	8.0566	0.0505
2017-01-02 23:30:00	2.4511	5.0098	0.0123	0.1105	0.0003	8.0566	0.0383
2017-01-02 23:45:00	2.0038	5.0098	0.0100	0.1105	0.0002	8.0566	0.0313
2017-01-03 00:00:00	4.1067	5.0098	0.0206	0.1105	0.0005	8.0566	0.0642
2017-01-03 00:15:00	4.4263	5.0098	0.0222	0.1105	0.0005	8.0566	0.0692
2017-01-03 00:30:00	4.6301	5.0098	0.0232	0.1105	0.0005	8.0566	0.0724
2017-01-03 00:45:00	4.6301	5.0098	0.0232	0.1105	0.0005	8.0566	0.0724
2017-01-03 01:00:00	4.6301	5.0098	0.0232	0.1105	0.0005	8.0566	0.0724
2017-01-03 01:15:00	4.6301	5.0098	0.0232	0.1105	0.0005	8.0566	0.0724
2017-01-03 01:30:00	4.1551	5.0098	0.0208	0.1105	0.0005	8.0566	0.0649
2017-01-03 01:45:00	2.7613	5.0098	0.0138	0.1105	0.0003	8.0566	0.0432
2017-01-03 02:00:00	2.1562	5.0098	0.0108	0.1105	0.0002	8.0566	0.0337
2017-01-03 02:15:00	1.0694	5.0098	0.0054	0.1105	0.0001	8.0566	0.0167
2017-01-03 02:30:00	1.4775	5.0098	0.0074	0.1105	0.0002 0.0002	8.0566	0.0231 0.0259
2017-01-03 02:45:00 2017-01-03 03:00:00	1.6553	5.0098	0.0083	0.1105		8.0566	
	0.7041	5.0098	0.0035	0.1105	0.0001	8.0566	0.0110 0.0053
2017-01-03 03:15:00 2017-01-03 03:30:00	0.3387 0.9097	5.0098 5.0098	0.0017 0.0046	0.1105 0.1105	0.0000 0.0001	8.0566 8.0566	0.0053 0.0142
2017-01-03 03:45:00 2017-01-03 04:00:00	0.7079 1.1004	5.0098 5.0098	0.0035 0.0055	0.1105 0.1105	0.0001 0.0001	8.0566 8.0566	0.0111 0.0172
	1.0710	5.0098	0.0054	0.1105	0.0001	8.0566	0.0172
2017-01-03 04:15:00	3.1703	5.0098	0.0054	0.1105	0.0001	8.0566	0.0167
2017-01-03 04:30:00 2017-01-03 04:45:00	4.1489	5.0098	0.0139	0.1105	0.0004	8.0566	0.0496
2017-01-03 04:43:00	4.1489	5.0098	0.0208	0.1105	0.0005	8.0566	0.0648
2017-01-03 05:15:00	3.7645	5.0098	0.0189	0.1105	0.0003	8.0566	0.0588
2017-01-03 05:30:00	3.8754	5.0098	0.0189	0.1105	0.0004	8.0566	0.0606
2017-01-03 05:45:00	3.6257	5.0098	0.0194	0.1105	0.0004	8.0566	0.0567
2017-01-03 06:00:00	3.2903	5.0098	0.0165	0.1105	0.0004	8.0566	0.0514
2017-01-03 06:15:00	3.0146	5.0098	0.0151	0.1105	0.0004	8.0566	0.0314
2017-01-03 06:30:00	2.4775	5.0098	0.0131	0.1105	0.0003	8.0566	0.0387
2017-01-03 06:45:00	3.3736	5.0098	0.0169	0.1105	0.0004	8.0566	0.0527
2017-01-03 07:00:00	2.6718	5.0098	0.0134	0.1105	0.0003	8.0566	0.0418
2017-01-03 07:15:00	2.9422	5.0098	0.0147	0.1105	0.0003	8.0566	0.0460
2017-01-03 07:30:00	2.2669	5.0098	0.0114	0.1105	0.0003	8.0566	0.0354
2017-01-03 07:45:00	1.7921	5.0098	0.0090	0.1105	0.0002	8.0566	0.0280
2017-01-03 08:00:00	1.2338	5.0098	0.0062	0.1105	0.0001	8.0566	0.0193
2017-01-03 08:15:00	0.3019	5.0098	0.0015	0.1105	0.0000	8.0566	0.0047
2017-01-03 08:30:00	0.4667	5.0098	0.0023	0.1167	0.0001	8.0566	0.0073
2017-01-03 08:45:00	0.1703	5.0098	0.0009	0.2151	0.0000	8.0566	0.0027
2017-01-03 09:00:00	0.0604	5.0098	0.0003	0.1648	0.0000	8.0566	0.0009
2017-01-03 09:15:00	0.0182	5.0098	0.0001	0.1334	0.0000	8.0566	0.0003
2017-01-03 09:30:00	0.0186	5.0098	0.0001	0.1164	0.0000	8.0566	0.0003
2017-01-03 09:45:00	0.1192	5.0098	0.0006	0.1238	0.0000	8.0566	0.0019
2017-01-03 10:00:00	0.2410	5.0098	0.0012	0.0667	0.0000	8.0566	0.0038
2017-01-03 10:15:00	0.4163	5.0098	0.0021	0.0900	0.0000	8.0566	0.0065
2017-01-03 10:30:00	1.1150	5.0098	0.0056	0.0931	0.0001	8.0566	0.0174
2017-01-03 10:45:00	2.0183	5.0098	0.0101	0.1534	0.0003	8.0566	0.0315
2017-01-03 11:00:00	2.9301	5.0098	0.0147	0.1627	0.0005	8.0566	0.0458
2017-01-03 11:15:00	2.8859	5.0098	0.0145	0.1627	0.0005	8.0566	0.0451
2017-01-03 11:30:00	3.2455	5.0098	0.0163	0.1627	0.0005	8.0566	0.0507
2017-01-03 11:45:00	3.5115	5.0098	0.0176	0.1627	0.0006	8.0566	0.0549
2017-01-03 12:00:00	3.2220	5.0098	0.0161	0.1627	0.0005	8.0566	0.0504
2017-01-03 12:15:00	3.1222	5.0098	0.0156	0.0977	0.0003	8.0566	0.0488
2017-01-03 12:30:00	2.9035	5.0098	0.0145	0.0711	0.0002	8.0566	0.0454
2017-01-03 12:45:00	2.4812	5.0098	0.0124	0.0995	0.0002	8.0566	0.0388
2017-01-03 13:00:00	2.2119	5.0098	0.0111	0.0447	0.0001	8.0566	0.0346
2017-01-03 13:15:00	1.6384	5.0098	0.0082	0.0358	0.0001	8.0566	0.0256
2017-01-03 13:30:00	1.4623	5.0098	0.0073	0.0363	0.0001	8.0566	0.0229
2017-01-03 13:45:00	1.0527	5.0098	0.0053	0.0198	0.0000	8.0566	0.0165
2017-01-03 14:00:00	1.4119	5.0098	0.0071	0.0000	0.0000	8.0566	0.0221
2017-01-03 14:15:00	1.9996	5.0098	0.0100	0.0000	0.0000	8.0566	0.0313
2017-01-03 14:30:00	3.4012	5.0098	0.0170	0.0387	0.0001	8.0566	0.0532
2017-01-03 14:45:00	3.4146	5.0098	0.0171	0.0051	0.0000	8.0566	0.0534
2017-01-03 15:00:00	2.3130	5.0098	0.0116	0.0000	0.0000	8.0566	0.0362
2017-01-03 15:15:00	2.3894	5.0098	0.0120	0.0000	0.0000	8.0566	0.0373
2017-01-03 15:30:00	2.2535	5.0098	0.0113	0.0000	0.0000	8.0566	0.0352
2017-01-03 15:45:00	1.3204	5.0098	0.0066	0.0000	0.0000	8.0566	0.0206
2017-01-03 16:00:00	1.9469	5.0098	0.0098	0.0000	0.0000	8.0566	0.0304
2017-01-03 16:15:00	1.0767	5.0098	0.0054	0.0000	0.0000	8.0566	0.0168

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-03 16:30:00	2.7212	5.0098	0.0136	0.0000	0.0000	8.0566	0.0425
2017-01-03 16:45:00	1.4818	5.0098	0.0074	0.0000	0.0000	8.0566	0.0232
2017-01-03 17:00:00	2.2436	5.0098	0.0112	0.0088	0.0000	8.0566	0.0351
2017-01-03 17:15:00	2.5854	5.0098	0.0130	0.0000	0.0000	8.0566	0.0404
2017-01-03 17:30:00	2.4242	5.0098	0.0121	0.0000	0.0000	8.0566	0.0379
2017-01-03 17:45:00	2.1383	5.0098	0.0107	0.0313	0.0001	8.0566	0.0334
2017-01-03 18:00:00	0.5279	5.0098	0.0026	0.0089	0.0000	8.0566	0.0083
2017-01-03 18:15:00	0.5729	5.0098	0.0029	0.0334	0.0000	8.0566	0.0090
2017-01-03 18:30:00	0.2601	5.0098	0.0013	0.0324	0.0000	8.0566	0.0041
2017-01-03 18:45:00	0.6563	5.0098	0.0033	0.1192	0.0001	8.0566	0.0103
2017-01-03 19:00:00	0.6364	5.0098	0.0032	0.0879	0.0001	8.0566	0.0099
2017-01-03 19:15:00	0.1747	5.0098	0.0009	0.1275	0.0000	8.0566	0.0027
2017-01-03 19:30:00	0.8341	5.0098	0.0042 0.0047	0.0833	0.0001	8.0566	0.0130
2017-01-03 19:45:00 2017-01-03 20:00:00	0.9416 0.8520	5.0098 5.0098	0.0047	0.1110 0.1126	0.0001 0.0001	8.0566 8.0566	0.0147 0.0133
2017-01-03 20:00:00	1.2702	5.0098	0.0043	0.1126	0.0001	8.0566	0.0133
2017-01-03 20:15:00	2.0207	5.0098	0.0064	0.1126	0.0001	8.0566	0.0199
2017-01-03 20:45:00	1.8205	5.0098	0.0091	0.1126	0.0002	8.0566	0.0285
2017-01-03 20:43:00	1.6165	5.0098	0.0091	0.1126	0.0002	8.0566	0.0253
2017-01-03 21:00:00	1.2757	5.0098	0.0064	0.1126	0.0002	8.0566	0.0199
2017-01-03 21:13:00	0.8249	5.0098	0.0064	0.1126	0.0001	8.0566	0.0199
2017-01-03 21:45:00	0.3110	5.0098	0.0041	0.0373	0.0001	8.0566	0.0049
2017-01-03 21:43:00	0.5288	5.0098	0.0016	0.0686	0.0000	8.0566	0.0043
2017-01-03 22:00:00	0.6529	5.0098	0.0020	0.0553	0.0000	8.0566	0.0102
2017-01-03 22:13:00	0.3716	5.0098	0.0019	0.0484	0.0000	8.0566	0.0058
2017-01-03 22:45:00	0.4779	5.0098	0.0024	0.0655	0.0000	8.0566	0.0075
2017-01-03 23:00:00	0.5808	5.0098	0.0029	0.0559	0.0000	8.0566	0.0091
2017-01-03 23:15:00	0.4196	5.0098	0.0021	0.0434	0.0000	8.0566	0.0066
2017-01-03 23:30:00	0.3349	5.0098	0.0017	0.0535	0.0000	8.0566	0.0052
2017-01-03 23:45:00	0.1666	5.0098	0.0008	0.0639	0.0000	8.0566	0.0026
2017-01-04 00:00:00	0.4093	5.0098	0.0021	0.0192	0.0000	8.0566	0.0064
2017-01-04 00:15:00	0.3261	5.0098	0.0016	0.0726	0.0000	8.0566	0.0051
2017-01-04 00:30:00	0.6704	5.0098	0.0034	0.0636	0.0000	8.0566	0.0105
2017-01-04 00:45:00	0.5673	5.0098	0.0028	0.0066	0.0000	8.0566	0.0089
2017-01-04 01:00:00	0.2007	5.0098	0.0010	0.0027	0.0000	8.0566	0.0031
2017-01-04 01:15:00	0.7802	5.0098	0.0039	0.0636	0.0000	8.0566	0.0122
2017-01-04 01:30:00	0.9935	5.0098	0.0050	0.0517	0.0001	8.0566	0.0155
2017-01-04 01:45:00	0.7664	5.0098	0.0038	0.0487	0.0000	8.0566	0.0120
2017-01-04 02:00:00	0.4319	5.0098	0.0022	0.1126	0.0000	8.0566	0.0068
2017-01-04 02:15:00	0.4031	5.0098	0.0020	0.0628	0.0000	8.0566	0.0063
2017-01-04 02:30:00	0.2835	5.0098	0.0014	0.0923	0.0000	8.0566	0.0044
2017-01-04 02:45:00	0.2191	5.0098	0.0011	0.0190	0.0000	8.0566	0.0034
2017-01-04 03:00:00	0.1269	5.0098	0.0006	0.0515	0.0000	8.0566	0.0020
2017-01-04 03:15:00	0.2812	5.0098	0.0014	0.0070	0.0000	8.0566	0.0044
2017-01-04 03:30:00	0.3652	5.0098	0.0018	0.0323	0.0000	8.0566	0.0057
2017-01-04 03:45:00	0.6210	5.0098	0.0031	0.0000	0.0000	8.0566	0.0097
2017-01-04 04:00:00	0.2894	5.0098	0.0014	0.0000	0.0000	8.0566	0.0045
2017-01-04 04:15:00	0.3785	5.0098	0.0019	0.0000	0.0000	8.0566	0.0059
2017-01-04 04:30:00	0.7460	5.0098	0.0037	0.0494	0.0000	8.0566	0.0117
2017-01-04 04:45:00	0.3558	5.0098	0.0018	0.1126	0.0000	8.0566	0.0056
2017-01-04 05:00:00	0.4910	5.0098	0.0025	0.1158	0.0001	8.0566	0.0077
2017-01-04 05:15:00	0.6334	5.0098	0.0032	0.1257	0.0001	8.0566	0.0099
2017-01-04 05:30:00	0.6971	5.0098	0.0035	0.1257	0.0001	8.0566	0.0109
2017-01-04 05:45:00	0.2336	5.0098	0.0012	0.0187	0.0000	8.0566	0.0037
2017-01-04 06:00:00	0.3397	5.0098	0.0017	0.0348	0.0000	8.0566	0.0053
2017-01-04 06:15:00	1.7460	5.0098	0.0087	0.0941	0.0002	8.0566	0.0273
2017-01-04 06:30:00	2.1689	5.0098	0.0109	0.0802	0.0002	8.0566	0.0339
2017-01-04 06:45:00	1.0521	5.0098	0.0053	0.0145	0.0000	8.0566	0.0164
2017-01-04 07:00:00	1.1116	5.0098	0.0056	0.0124	0.0000	8.0566	0.0174
2017-01-04 07:15:00	2.4805	5.0098	0.0124	0.0019	0.0000	8.0566	0.0388
2017-01-04 07:30:00	3.0387	5.0098	0.0152	0.0000	0.0000	8.0566	0.0475
2017-01-04 07:45:00	1.4616	5.0098	0.0073	0.0269	0.0000	8.0566	0.0228
2017-01-04 08:00:00	0.9141	5.0098	0.0046	0.0361	0.0000	8.0566	0.0143
2017-01-04 08:15:00	0.2792	5.0098	0.0014	0.1162	0.0000	8.0566	0.0044
2017-01-04 08:30:00	0.0967	5.0098	0.0005	0.1195	0.0000	8.0566	0.0015
2017-01-04 08:45:00	0.0000	5.0098	0.0000	0.1195	0.0000	8.0566	0.0000
2017-01-04 09:00:00	0.0995	5.0098	0.0005	0.1195	0.0000	8.0566	0.0016
2017-01-04 09:15:00	0.4887	5.0098	0.0024	0.1485	0.0001	8.0566	0.0076
2017-01-04 09:30:00	0.2246	5.0098	0.0011	0.2362	0.0001	8.0566	0.0035
2017-01-04 09:45:00	0.2728	5.0098	0.0014	0.2362	0.0001	8.0566	0.0043
2017-01-04 10:00:00	0.2291	5.0098	0.0011	0.1910	0.0000	8.0566	0.0036
2017-01-04 10:15:00	0.1779	5.0098	0.0009	0.0226	0.0000	8.0566	0.0028
2017-01-04 10:30:00	0.4331	5.0098	0.0022	0.0818	0.0000	8.0566	0.0068
2017-01-04 10:45:00	0.8435	5.0098	0.0042 0.0072	0.0920 0.0725	0.0001 0.0001	8.0566 8.0566	0.0132 0.0224
2017-01-04 11:00:00	1.4352	5.0098					

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	N	Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-04 11:15:00	1.9209	5.0098	0.0096	0.0592	0.0001	8.0566	0.0300
2017-01-04 11:30:00	2.6781	5.0098	0.0134	0.1216	0.0003	8.0566	0.0419
2017-01-04 11:45:00	2.3913	5.0098	0.0120	0.1006	0.0002	8.0566	0.0374
2017-01-04 12:00:00	1.3419	5.0098	0.0067	0.0210	0.0000	8.0566	0.0210
2017-01-04 12:15:00	1.1152	5.0098	0.0056	0.0464	0.0001	8.0566	0.0174
2017-01-04 12:30:00	1.2450	5.0098	0.0062	0.1151	0.0001	8.0566	0.0195
2017-01-04 12:45:00	0.9236	5.0098	0.0046	0.1162	0.0001	8.0566	0.0144
2017-01-04 13:00:00	1.5837	5.0098	0.0079	0.1642	0.0003	8.0566	0.0248
2017-01-04 13:15:00	0.8742	5.0098	0.0044	0.2273	0.0002	8.0566	0.0137
2017-01-04 13:30:00	0.7884	5.0098	0.0039	0.2104	0.0002	8.0566	0.0123
2017-01-04 13:45:00	1.5254	5.0098	0.0076	0.1763	0.0003	8.0566	0.0238
2017-01-04 14:00:00	0.9610	5.0098	0.0048	0.1402	0.0001	8.0566	0.0150
2017-01-04 14:15:00	0.8346	5.0098	0.0042	0.0783 0.0783	0.0001	8.0566	0.0130
2017-01-04 14:30:00 2017-01-04 14:45:00	1.2023 0.3446	5.0098 5.0098	0.0060 0.0017	0.0783	0.0001 0.0000	8.0566 8.0566	0.0188 0.0054
2017-01-04 14:45:00	1.5438	5.0098	0.0017	0.0783	0.0000	8.0566	0.0034
2017-01-04 15:00:00	1.8372	5.0098	0.0077	0.0783	0.0001	8.0566	0.0241
2017-01-04 15:13:00	3.1323	5.0098	0.0092	0.0783	0.0001	8.0566	0.0287
2017-01-04 15:45:00	3.6848	5.0098	0.0137	0.0652	0.0003	8.0566	0.0576
2017-01-04 15:43:00	2.6728	5.0098	0.0183	0.0652	0.0002	8.0566	0.0378
2017-01-04 16:00:00	2.0133	5.0098	0.0134	0.0652	0.0002	8.0566	0.0418
2017-01-04 16:30:00	2.4701	5.0098	0.0101	0.0652	0.0001	8.0566	0.0313
2017-01-04 16:35:00	2.4068	5.0098	0.0124	0.0652	0.0002	8.0566	0.0376
2017-01-04 17:00:00	3.2532	5.0098	0.0121	0.0652	0.0002	8.0566	0.0508
2017-01-04 17:00:00	2.7276	5.0098	0.0137	0.0652	0.0002	8.0566	0.0426
2017-01-04 17:30:00	1.8680	5.0098	0.0094	0.0652	0.0001	8.0566	0.0292
2017-01-04 17:45:00	2.1364	5.0098	0.0107	0.0652	0.0001	8.0566	0.0334
2017-01-04 18:00:00	1.2651	5.0098	0.0063	0.0652	0.0001	8.0566	0.0198
2017-01-04 18:15:00	0.4328	5.0098	0.0022	0.0652	0.0000	8.0566	0.0068
2017-01-04 18:30:00	0.7615	5.0098	0.0038	0.0750	0.0001	8.0566	0.0119
2017-01-04 18:45:00	1.0073	5.0098	0.0050	0.0999	0.0001	8.0566	0.0157
2017-01-04 19:00:00	0.0578	5.0098	0.0003	0.0943	0.0000	8.0566	0.0009
2017-01-04 19:15:00	0.3602	5.0098	0.0018	0.1155	0.0000	8.0566	0.0056
2017-01-04 19:30:00	0.5407	5.0098	0.0027	0.1243	0.0001	8.0566	0.0085
2017-01-04 19:45:00	0.3845	5.0098	0.0019	0.1107	0.0000	8.0566	0.0060
2017-01-04 20:00:00	0.0370	5.0098	0.0002	0.0399	0.0000	8.0566	0.0006
2017-01-04 20:15:00	0.1086	5.0098	0.0005	0.0331	0.0000	8.0566	0.0017
2017-01-04 20:30:00	0.1792	5.0098	0.0009	0.0423	0.0000	8.0566	0.0028
2017-01-04 20:45:00	0.2829	5.0098	0.0014	0.0488	0.0000	8.0566	0.0044
2017-01-04 21:00:00	0.5019	5.0098	0.0025	0.0751	0.0000	8.0566	0.0078
2017-01-04 21:15:00	0.5639	5.0098	0.0028	0.0685	0.0000	8.0566	0.0088
2017-01-04 21:30:00	0.1922	5.0098	0.0010	0.0122	0.0000	8.0566	0.0030
2017-01-04 21:45:00	0.1279	5.0098	0.0006	0.0000	0.0000	8.0566	0.0020
2017-01-04 22:00:00	0.0884	5.0098	0.0004	0.0300	0.0000	8.0566	0.0014
2017-01-04 22:15:00	0.3008	5.0098	0.0015	0.0279	0.0000	8.0566	0.0047
2017-01-04 22:30:00	0.4085	5.0098	0.0020	0.0518	0.0000	8.0566	0.0064
2017-01-04 22:45:00	0.2638	5.0098	0.0013	0.0060	0.0000	8.0566	0.0041
2017-01-04 23:00:00	0.4741	5.0098	0.0024	0.0332	0.0000	8.0566	0.0074
2017-01-04 23:15:00	0.3626	5.0098	0.0018	0.0451	0.0000	8.0566	0.0057
2017-01-04 23:30:00	0.0425	5.0098	0.0002	0.0547	0.0000	8.0566	0.0007
2017-01-04 23:45:00	0.0400	5.0098	0.0002	0.0405	0.0000	8.0566	0.0006
2017-01-05 00:00:00	0.2140	5.0098	0.0011	0.0405	0.0000	8.0566	0.0033
2017-01-05 00:15:00	0.3454	5.0098	0.0017	0.0405	0.0000	8.0566	0.0054
2017-01-05 00:30:00	0.3733	5.0098	0.0019	0.0405	0.0000	8.0566	0.0058
2017-01-05 00:45:00	1.0213	5.0098	0.0051	0.0405	0.0000	8.0566	0.0160
2017-01-05 01:00:00	0.3371	5.0098	0.0017	0.0405	0.0000	8.0566	0.0053
2017-01-05 01:15:00	0.1242	5.0098	0.0006	0.0405	0.0000	8.0566	0.0019
2017-01-05 01:30:00	0.2896	5.0098	0.0015	0.0405	0.0000	8.0566	0.0045
2017-01-05 01:45:00	0.1252	5.0098	0.0006	0.0405	0.0000	8.0566	0.0020
2017-01-05 02:00:00	0.2050	5.0098	0.0010	0.0405	0.0000	8.0566	0.0032
2017-01-05 02:15:00	0.2189	5.0098	0.0011	0.0405	0.0000	8.0566	0.0034
2017-01-05 02:30:00	0.2023	5.0098	0.0010	0.0405	0.0000	8.0566	0.0032
2017-01-05 02:45:00	0.7659	5.0098	0.0038	0.0794	0.0001	8.0566	0.0120
2017-01-05 03:00:00	1.0845	5.0098	0.0054	0.1490	0.0002	8.0566	0.0170
2017-01-05 03:15:00	0.6788	5.0098	0.0034	0.0371	0.0000	8.0566	0.0106
2017-01-05 03:30:00	0.2799	5.0098	0.0014	0.0993	0.0000	8.0566	0.0044
2017-01-05 03:45:00	0.0651	5.0098	0.0003	0.1001	0.0000	8.0566	0.0010
2017-01-05 04:00:00	0.3016	5.0098	0.0015	0.1154	0.0000	8.0566	0.0047
2017-01-05 04:15:00	0.2650	5.0098	0.0013	0.1154	0.0000	8.0566	0.0041
2017-01-05 04:30:00	0.9467	5.0098	0.0047	0.1154	0.0001	8.0566	0.0148
2017-01-05 04:45:00	0.4178	5.0098	0.0021	0.1154	0.0000	8.0566	0.0065
2017-01-05 05:00:00	0.2148	5.0098	0.0011	0.1154	0.0000	8.0566	0.0034
I				0.0958	0.0000	0.0566	0.0050
2017-01-05 05:15:00	0.3702	5.0098	0.0019			8.0566	0.0058
2017-01-05 05:15:00 2017-01-05 05:30:00 2017-01-05 05:45:00	0.3702 0.3716 0.3092	5.0098 5.0098 5.0098	0.0019 0.0019 0.0015	0.1112 0.1130	0.0000 0.0000 0.0000	8.0566 8.0566	0.0058 0.0058 0.0048

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-05 06:00:00	0.1185	5.0098	0.0006	0.1202	0.0000	8.0566	0.0019
2017-01-05 06:15:00	0.7403	5.0098	0.0037	0.1202	0.0001	8.0566	0.0116
2017-01-05 06:30:00	1.2809	5.0098	0.0064	0.1202	0.0002	8.0566	0.0200
2017-01-05 06:45:00	0.6631	5.0098	0.0033	0.1202	0.0001	8.0566	0.0104
2017-01-05 07:00:00	2.3962	5.0098	0.0120	0.1202	0.0003	8.0566	0.0375
2017-01-05 07:15:00	2.9613	5.0098	0.0148	0.1202	0.0004	8.0566	0.0463
2017-01-05 07:30:00	4.3153	5.0098	0.0216	0.1202	0.0005	8.0566	0.0674
2017-01-05 07:45:00	3.9229	5.0098	0.0197	0.1202	0.0005	8.0566	0.0613
2017-01-05 08:00:00	4.0175	5.0098	0.0201	0.1202	0.0005	8.0566	0.0628
2017-01-05 08:15:00	3.4631	5.0098	0.0173	0.1202	0.0004	8.0566	0.0541
2017-01-05 08:30:00	4.0041	5.0098	0.0201	0.1684	0.0007	8.0566	0.0626
2017-01-05 08:45:00	3.4398	5.0098	0.0172	0.2355	0.0008	8.0566	0.0538
2017-01-05 09:00:00	2.1886	5.0098	0.0110	0.2355	0.0005	8.0566	0.0342
2017-01-05 09:15:00	1.4518	5.0098	0.0073	0.2355	0.0003	8.0566	0.0227
2017-01-05 09:30:00	2.1478	5.0098	0.0108	0.2355	0.0005	8.0566	0.0336
2017-01-05 09:45:00	2.4294	5.0098	0.0122	0.2355	0.0006	8.0566	0.0380
2017-01-05 10:00:00	3.2477	5.0098	0.0163	0.2355	0.0008	8.0566	0.0508
2017-01-05 10:15:00	3.4389	5.0098	0.0172	0.2355	0.0008	8.0566	0.0537
2017-01-05 10:30:00	2.3371	5.0098	0.0117	0.2355	0.0006	8.0566	0.0365
2017-01-05 10:45:00	2.2631	5.0098	0.0113	0.2355	0.0005	8.0566	0.0354
2017-01-05 11:00:00	3.1770	5.0098	0.0159	0.1801	0.0006	8.0566	0.0497
2017-01-05 11:15:00 2017-01-05 11:30:00	2.4003	5.0098	0.0120	0.1222 0.1222	0.0003 0.0002	8.0566 8.0566	0.0375 0.0192
2017-01-05 11:30:00 2017-01-05 11:45:00	1.2300 2.0343	5.0098 5.0098	0.0062 0.0102	0.1222	0.0002	8.0566 8.0566	0.0192
2017-01-05 11:45:00 2017-01-05 12:00:00	2.0343 1.1978	5.0098	0.0102	0.1222	0.0002	8.0566 8.0566	0.0318
2017-01-05 12:00:00 2017-01-05 12:15:00	1.1978 0.7555	5.0098	0.0060	0.1222	0.0001	8.0566 8.0566	0.0187
2017-01-05 12:15:00		5.0098	0.0038	0.1222	0.0001	8.0566	0.0118
2017-01-05 12:30:00	1.6612 2.8357	5.0098	0.0142	0.1222	0.0002	8.0566	0.0260
2017-01-05 12:45:00	3.1005	5.0098	0.0142	0.1222	0.0003	8.0566	0.0443
2017-01-05 13:00:00	3.3232	5.0098	0.0155	0.1222	0.0004	8.0566	0.0519
2017-01-05 13:13:00	3.2466	5.0098	0.0163	0.1222	0.0004	8.0566	0.0519
2017-01-05 13:45:00	3.1557	5.0098	0.0158	0.1222	0.0004	8.0566	0.0493
2017-01-05 13:43:00	4.5464	5.0098	0.0228	0.1596	0.0007	8.0566	0.0711
2017-01-05 14:15:00	4.5469	5.0098	0.0228	0.2148	0.0010	8.0566	0.0711
2017-01-05 14:30:00	3.5505	5.0098	0.0178	0.1229	0.0004	8.0566	0.0555
2017-01-05 14:45:00	2.6653	5.0098	0.0134	0.1229	0.0003	8.0566	0.0417
2017-01-05 15:00:00	3.0683	5.0098	0.0154	0.0801	0.0003	8.0566	0.0480
2017-01-05 15:15:00	2.1355	5.0098	0.0107	0.0734	0.0002	8.0566	0.0334
2017-01-05 15:30:00	2.5838	5.0098	0.0129	0.2348	0.0002	8.0566	0.0404
2017-01-05 15:45:00	3.6286	5.0098	0.0182	0.1389	0.0005	8.0566	0.0567
2017-01-05 16:00:00	1.5026	5.0098	0.0075	0.1753	0.0003	8.0566	0.0235
2017-01-05 16:15:00	1.0589	5.0098	0.0053	0.1502	0.0002	8.0566	0.0166
2017-01-05 16:30:00	1.5976	5.0098	0.0080	0.1119	0.0002	8.0566	0.0250
2017-01-05 16:45:00	1.2533	5.0098	0.0063	0.1119	0.0001	8.0566	0.0196
2017-01-05 17:00:00	0.6135	5.0098	0.0031	0.1119	0.0001	8.0566	0.0096
2017-01-05 17:15:00	0.7667	5.0098	0.0038	0.1119	0.0001	8.0566	0.0120
2017-01-05 17:30:00	1.4152	5.0098	0.0071	0.1119	0.0002	8.0566	0.0221
2017-01-05 17:45:00	0.5264	5.0098	0.0026	0.1119	0.0001	8.0566	0.0082
2017-01-05 18:00:00	0.7114	5.0098	0.0036	0.1119	0.0001	8.0566	0.0111
2017-01-05 18:15:00	0.9761	5.0098	0.0049	0.1119	0.0001	8.0566	0.0153
2017-01-05 18:30:00	0.8377	5.0098	0.0042	0.1119	0.0001	8.0566	0.0131
2017-01-05 18:45:00	0.4242	5.0098	0.0021	0.1119	0.0000	8.0566	0.0066
2017-01-05 19:00:00	0.2207	5.0098	0.0011	0.1119	0.0000	8.0566	0.0034
2017-01-05 19:15:00	0.6044	5.0098	0.0030	0.1119	0.0001	8.0566	0.0094
2017-01-05 19:30:00	0.5430	5.0098	0.0027	0.1119	0.0001	8.0566	0.0085
2017-01-05 19:45:00	0.8081	5.0098	0.0040	0.1119	0.0001	8.0566	0.0126
2017-01-05 20:00:00	1.0703	5.0098	0.0054	0.1119	0.0001	8.0566	0.0167
2017-01-05 20:15:00	0.9127	5.0098	0.0046	0.1119	0.0001	8.0566	0.0143
2017-01-05 20:30:00	0.3808	5.0098	0.0019	0.1119	0.0000	8.0566	0.0060
2017-01-05 20:45:00	0.2195	5.0098	0.0011	0.1119	0.0000	8.0566	0.0034
2017-01-05 21:00:00	0.1701	5.0098	0.0009	0.1119	0.0000	8.0566	0.0027
2017-01-05 21:15:00	0.6444	5.0098	0.0032	0.1119	0.0001	8.0566	0.0101
2017-01-05 21:30:00	1.3181	5.0098	0.0066	0.1119	0.0001	8.0566	0.0206
2017-01-05 21:45:00	1.3640	5.0098	0.0068	0.1119	0.0002	8.0566	0.0213
2017-01-05 22:00:00	1.1043	5.0098	0.0055	0.1119	0.0001	8.0566	0.0173
2017-01-05 22:15:00	0.9020	5.0098	0.0045	0.1119	0.0001	8.0566	0.0141
2017-01-05 22:30:00	0.4878	5.0098	0.0024	0.1119	0.0001	8.0566	0.0076
2017-01-05 22:45:00	1.1510	5.0098	0.0058	0.1119	0.0001	8.0566	0.0180
2017-01-05 23:00:00	0.6595	5.0098	0.0033	0.1119	0.0001	8.0566	0.0103
2017-01-05 23:15:00	0.5573	5.0098	0.0028	0.1119	0.0001	8.0566	0.0087
2017-01-05 23:30:00	0.6845	5.0098	0.0034	0.1119	0.0001	8.0566	0.0107
2017-01-05 23:45:00	0.2174	5.0098	0.0011	0.1119	0.0000	8.0566	0.0034
2017-01-03 23.43.00				•			
2017-01-03 23:43:00	0.4705	5.0098	0.0024	0.1119	0.0001	8.0566	0.0074
	0.4705 0.9784	5.0098 5.0098	0.0024 0.0049	0.1119 0.1119	0.0001 0.0001	8.0566 8.0566	0.0074 0.0153

Commerce			Point Source Air F	missions - A2 Nitric	Acid Stack			
2027-91-06-00-1000	Parameter	Volumetric Flow Rate					N	20
2017-14-06-01-00-029		·	-					
2017-03-06-01-000 1.6488 5.0998 0.0009 0.1119 0.0000 8.0566 0.0239 2017-03-06-01-0000 0.0533 5.0998 0.0004 0.1119 0.0000 8.0566 0.0239 2017-03-06-020000 0.0404 5.0998 0.0004 0.1119 0.0000 8.0566 0.0039 2017-03-06-020000 0.0404 5.0998 0.0003 0.1119 0.0000 8.0566 0.0039 2017-03-06-02-0000 0.0505 0.0000 0.0119 0.0000 8.0566 0.0039 2017-03-06-02-0000 0.0505 0.0000 0.0119 0.0000 8.0566 0.0000 2017-03-06-02-0000 0.0556 0.0000 0.0000 0.0000 0.0556 0.00000 0.00000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000								
2017-11-06-10-10-00								
2007-14-06-081-0-0000								
2017-01-06-02-20001								
2017-14-06 (221-500) 20329 5.0098 0.007 0.1199 0.0000 8.0566 0.0052 2017-14-06 (224-500) 0.0556 0.0052 2017-14-06 (224-500) 0.0556 0.0059 0.0000 0.0556 0.0052 2017-14-06 (224-500) 0.0556 0.0059 0.0000 0.0556 0.0059 2017-14-06 (224-500) 0.0547 5.0098 0.0007 0.1199 0.0000 0.0566 0.0059 2017-14-06 (224-500) 0.0547 0.0059 0.0000 0.0556 0.0059								
2017-710-66 (25-500) 0.1351 5.0098 0.0007 0.1119 0.0000 8.5566 0.0021 2017-710-60 (30.0000 0.0550 5.0098 0.0003 0.1119 0.0000 8.5566 0.0023 2017-710-60 (30.0000 0.0550 5.0098 0.0003 0.1119 0.0000 8.5566 0.0009 2017-710-60 (30.0500 1.1388 5.0098 0.0003 0.1119 0.0001 8.5566 0.0003 2017-710-60 (30.0500 1.1388 5.0098 0.0006 0.1119 0.0001 8.5566 0.0003 2017-710-60 (30.0500 1.0003 5.0008 0.0000 0.1119 0.0002 8.5566 0.0003 0.00000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000								
2017-10 de 182-500								
2017-10-68-03-500	2017-01-06 02:45:00	0.1351	5.0098	0.0007	0.1119	0.0000	8.0566	0.0021
2017-10-66 03-0000	2017-01-06 03:00:00	0.0550	5.0098	0.0003	0.1119	0.0000	8.0566	0.0009
2017-01-06-08-0500	2017-01-06 03:15:00	0.6147	5.0098	0.0031	0.1119	0.0001	8.0566	0.0096
2017-01-06-06-0000	2017-01-06 03:30:00	1.3338			0.1119			
2017-01-06-08-3200								
2017-01-06-06-30-00								
2017-01-06-06-05-000								
2017-01-06-05-000-00								
2017-01-06-05-15-00								
2017-01-06-05-30-00								
2017-01-06-08:05-00 2017-01-06-08:00-00 2017-0								
2017-01-06 06-01-000								
2017-01-06 60-15-00								
2017-01-06 66-06-000								
2017-01-06 077-05:00								
2017-01-06 07:15:00	2017-01-06 06:45:00	0.0947	5.0098	0.0005	0.1119	0.0000	8.0566	0.0015
2017-01-06 07-30:00	2017-01-06 07:00:00	0.2389	5.0098	0.0012	0.1119	0.0000	8.0566	0.0037
2017-01-06 07-45-00	2017-01-06 07:15:00	0.3600	5.0098	0.0018	0.1119	0.0000	8.0566	0.0056
2017-01-06 08:00:00	2017-01-06 07:30:00							
2017-01-06 08:15:00								
2017-01-06 08:3000								
2017-01-06 08:45:00								
2017-01-06 09:00.00								
2017-01-06 091-550								
2017-01-06 09:30:00								
2017-01-06 09:45:00								
2017-01-06 10:00:00								
2017-01-06 10:15:00								
2017-01-06 10.45:00								
2017-01-06 11:00:00	2017-01-06 10:30:00	0.1221	5.0098	0.0006	0.2280	0.0000	8.0566	0.0019
2017-01-06 11:15:00	2017-01-06 10:45:00	0.0465	5.0098	0.0002	0.2280	0.0000	8.0566	0.0007
2017-01-06 11:30:00	2017-01-06 11:00:00	0.1798	5.0098	0.0009	0.2280	0.0000	8.0566	0.0028
2017-01-06 11:45:00	2017-01-06 11:15:00	0.3181	5.0098	0.0016	0.2280		8.0566	0.0050
2017-01-06 12:00:00								
2017-01-06 12:15:00								
2017-01-06 12:30:00								
2017-01-06 12:45:00								
2017-01-06 13:00:00								
2017-01-06 13:15:00 0.1745 5.0098 0.0009 0.2280 0.0000 8.0566 0.0027 2017-01-06 13:30:00 1.0071 5.0098 0.0050 0.2280 0.0002 8.0566 0.0157 2017-01-06 13:45:00 0.7666 5.0098 0.0038 0.1183 0.0001 8.0566 0.0120 2017-01-06 14:00:00 1.2548 5.0098 0.0063 0.1147 0.0001 8.0566 0.0241 2017-01-06 14:15:00 1.5403 5.0098 0.0077 0.1147 0.0002 8.0566 0.0321 2017-01-06 14:30:00 2.0483 5.0098 0.0103 0.1147 0.0002 8.0566 0.0320 2017-01-06 14:45:00 0.8548 5.0098 0.0043 0.1147 0.0001 8.0566 0.0134 2017-01-06 15:00:00 0.7283 5.0098 0.0032 0.0623 0.0000 8.0566 0.0114 2017-01-06 15:30:00 0.6324 5.0098 0.0032 0.0623 0.0000 8.0566 0.0110 2017-01								
2017-01-06 13:30:00 1.0071 5.0098 0.0050 0.2280 0.0002 8.0566 0.0157 2017-01-06 13:45:00 0.7666 5.0098 0.0038 0.1183 0.0001 8.0566 0.0120 2017-01-06 14:00:00 1.2548 5.0098 0.0063 0.1147 0.0001 8.0566 0.0196 2017-01-06 14:15:00 1.5403 5.0098 0.0077 0.1147 0.0002 8.0566 0.0241 2017-01-06 14:30:00 2.0483 5.0098 0.0103 0.1147 0.0002 8.0566 0.0320 2017-01-06 14:45:00 0.8548 5.0098 0.0043 0.1147 0.0001 8.0566 0.0134 2017-01-06 15:00:00 0.7283 5.0098 0.0036 0.0827 0.0001 8.0566 0.0114 2017-01-06 15:30:00 0.6324 5.0098 0.0035 0.0287 0.0000 8.0566 0.0110 2017-01-06 15:45:00 1.0801 5.0098 0.0035 0.0287 0.0000 8.0566 0.0110 2017-01								
2017-01-06 13:45:00 0.7666 5.0098 0.0038 0.1183 0.0001 8.0566 0.0120 2017-01-06 14:00:00 1.2548 5.0098 0.0063 0.1147 0.0001 8.0566 0.0196 2017-01-06 14:15:00 1.5403 5.0098 0.0077 0.1147 0.0002 8.0566 0.0241 2017-01-06 14:30:00 2.0483 5.0098 0.0103 0.1147 0.0002 8.0566 0.0320 2017-01-06 14:45:00 0.8548 5.0098 0.0043 0.1147 0.0001 8.0566 0.0134 2017-01-06 15:00:00 0.7283 5.0098 0.0036 0.0827 0.0001 8.0566 0.0114 2017-01-06 15:15:00 0.6324 5.0098 0.0032 0.0623 0.0000 8.0566 0.0110 2017-01-06 15:45:00 0.7070 5.0098 0.0035 0.0287 0.0000 8.0566 0.0110 2017-01-06 16:00:00 0.8701 5.0098 0.0054 0.0000 0.0000 8.0566 0.0169 2017-01								
2017-01-06 14:15:00 1.5403 5.0098 0.0077 0.1147 0.0002 8.0566 0.0241 2017-01-06 14:30:00 2.0483 5.0098 0.0103 0.1147 0.0002 8.0566 0.0320 2017-01-06 14:45:00 0.8548 5.0098 0.0043 0.1147 0.0001 8.0566 0.0134 2017-01-06 15:00:00 0.7283 5.0098 0.0036 0.0827 0.0001 8.0566 0.0114 2017-01-06 15:35:00 0.6324 5.0098 0.0032 0.0623 0.0000 8.0566 0.0099 2017-01-06 15:30:00 0.7070 5.0098 0.0035 0.0287 0.0000 8.0566 0.0110 2017-01-06 15:45:00 1.0801 5.0098 0.0054 0.0000 0.0000 8.0566 0.0169 2017-01-06 16:00:00 0.8701 5.0098 0.0004 0.0000 0.0000 8.0566 0.0136 2017-01-06 16:15:00 0.1886 5.0098 0.0009 0.0552 0.0000 8.0566 0.0029 2017-01								
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2017-01-06 14:45:00 0.8548 5.0098 0.0043 0.1147 0.0001 8.0566 0.0134 2017-01-06 15:00:00 0.7283 5.0098 0.0036 0.0827 0.0001 8.0566 0.0114 2017-01-06 15:15:00 0.6324 5.0098 0.0032 0.0623 0.0000 8.0566 0.0099 2017-01-06 15:30:00 0.7070 5.0098 0.0035 0.0287 0.0000 8.0566 0.0110 2017-01-06 15:45:00 1.0801 5.0098 0.0054 0.0000 0.0000 8.0566 0.0169 2017-01-06 16:00:00 0.8701 5.0098 0.0004 0.0000 0.0000 8.0566 0.0136 2017-01-06 16:15:00 0.1886 5.0098 0.0009 0.0552 0.0000 8.0566 0.0029 2017-01-06 16:30:00 0.2841 5.0098 0.0014 0.1154 0.0000 8.0566 0.0034 2017-01-06 17:00:00 0.6561 5.0098 0.0012 0.1154 0.0000 8.0566 0.0037 2017-01	2017-01-06 14:15:00	1.5403	5.0098	0.0077	0.1147	0.0002	8.0566	0.0241
2017-01-06 15:00:00 0.7283 5.0098 0.0036 0.0827 0.0001 8.0566 0.0114 2017-01-06 15:15:00 0.6324 5.0098 0.0032 0.0623 0.0000 8.0566 0.0099 2017-01-06 15:30:00 0.7070 5.0098 0.0035 0.0287 0.0000 8.0566 0.0110 2017-01-06 15:45:00 1.0801 5.0098 0.0054 0.0000 0.0000 8.0566 0.0169 2017-01-06 16:00:00 0.8701 5.0098 0.0004 0.0000 0.0000 8.0566 0.0136 2017-01-06 16:15:00 0.1886 5.0098 0.0009 0.0552 0.0000 8.0566 0.0029 2017-01-06 16:30:00 0.2841 5.0098 0.0014 0.1154 0.0000 8.0566 0.0044 2017-01-06 16:45:00 0.2367 5.0098 0.0012 0.1154 0.0000 8.0566 0.0037 2017-01-06 17:00:00 0.6561 5.0098 0.0033 0.1154 0.0000 8.0566 0.0061 2017-01	2017-01-06 14:30:00	2.0483	5.0098	0.0103	0.1147	0.0002	8.0566	0.0320
2017-01-06 15:15:00 0.6324 5.0098 0.0032 0.0623 0.0000 8.0566 0.0099 2017-01-06 15:30:00 0.7070 5.0098 0.0035 0.0287 0.0000 8.0566 0.0110 2017-01-06 15:45:00 1.0801 5.0098 0.0054 0.0000 0.0000 8.0566 0.0169 2017-01-06 16:00:00 0.8701 5.0098 0.0044 0.0000 0.0000 8.0566 0.0136 2017-01-06 16:15:00 0.1886 5.0098 0.0009 0.0552 0.0000 8.0566 0.0029 2017-01-06 16:30:00 0.2841 5.0098 0.0014 0.1154 0.0000 8.0566 0.0044 2017-01-06 16:45:00 0.2367 5.0098 0.0012 0.1154 0.0000 8.0566 0.0037 2017-01-06 17:00:00 0.6561 5.0098 0.0033 0.1154 0.0001 8.0566 0.0061 2017-01-06 17:30:00 0.3884 5.0098 0.0019 0.1154 0.0000 8.0566 0.0022 2017-01								
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2017-01-06 16:00:00 0.8701 5.0098 0.0044 0.0000 0.0000 8.0566 0.0136 2017-01-06 16:15:00 0.1886 5.0098 0.0009 0.0552 0.0000 8.0566 0.0029 2017-01-06 16:30:00 0.2841 5.0098 0.0014 0.1154 0.0000 8.0566 0.0044 2017-01-06 16:45:00 0.2367 5.0098 0.0012 0.1154 0.0000 8.0566 0.0037 2017-01-06 17:00:00 0.6561 5.0098 0.0033 0.1154 0.0001 8.0566 0.0103 2017-01-06 17:15:00 0.3884 5.0098 0.0019 0.1154 0.0000 8.0566 0.0061 2017-01-06 17:30:00 0.1413 5.0098 0.0007 0.1154 0.0000 8.0566 0.0022 2017-01-06 18:00:00 0.2828 5.0098 0.0014 0.1154 0.0000 8.0566 0.0023								
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2017-01-06 17:45:00 0.1450 5.0098 0.0007 0.1154 0.0000 8.0566 0.0023 2017-01-06 18:00:00 0.2828 5.0098 0.0014 0.1154 0.0000 8.0566 0.0044								
1 1 1 1 1 1 1 1 1 1								
2047.04.05.40.45.00	2017-01-06 18:00:00	0.2828	5.0098	0.0014	0.1154	0.0000	8.0566	0.0044
2017-01-06 18:15:00	2017-01-06 18:15:00	0.4700	5.0098	0.0024	0.1154	0.0001	8.0566	0.0073
2017-01-06 18:30:00 0.4256 5.0098 0.0021 0.1154 0.0000 8.0566 0.0067	2017-01-06 18:30:00	0.4256	5.0098	0.0021	0.1154	0.0000	8.0566	0.0067
2017-01-06 18:45:00 0.6503 5.0098 0.0033 0.1154 0.0001 8.0566 0.0102								
2017-01-06 19:00:00								
2017-01-06 19:15:00	2017-01-06 19:15:00	0.7738	5.0098	0.0039	0.1154	0.0001	8.0566	0.0121

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-06 19:30:00	0.9693	5.0098	0.0049	0.1154	0.0001	8.0566	0.0152
2017-01-06 19:45:00	2.5538	5.0098	0.0128	0.1154	0.0003	8.0566	0.0399
2017-01-06 20:00:00	2.8367	5.0098	0.0142	0.1154	0.0003	8.0566	0.0443
2017-01-06 20:15:00	2.2232	5.0098	0.0111	0.1154	0.0003	8.0566	0.0347
2017-01-06 20:30:00	1.3826	5.0098	0.0069	0.1154	0.0002	8.0566	0.0216
2017-01-06 20:45:00	2.4234	5.0098	0.0121	0.1154	0.0003	8.0566	0.0379
2017-01-06 21:00:00	1.4243	5.0098	0.0071	0.1154	0.0002	8.0566	0.0223
2017-01-06 21:15:00	1.0495	5.0098	0.0053	0.1154	0.0001	8.0566	0.0164
2017-01-06 21:30:00	1.0640	5.0098	0.0053	0.1154	0.0001	8.0566	0.0166
2017-01-06 21:45:00	1.6781	5.0098	0.0084	0.1154	0.0002	8.0566	0.0262
2017-01-06 22:00:00	3.0993	5.0098	0.0155	0.1154	0.0004	8.0566	0.0484
2017-01-06 22:15:00	3.6321	5.0098	0.0182	0.1154	0.0004	8.0566	0.0568
2017-01-06 22:30:00	3.9602	5.0098	0.0198	0.1154	0.0005	8.0566	0.0619
2017-01-06 22:45:00	2.5412	5.0098	0.0127	0.1154	0.0003	8.0566	0.0397
2017-01-06 23:00:00	3.4929	5.0098	0.0175	0.1154	0.0004	8.0566	0.0546
2017-01-06 23:15:00	4.1097	5.0098	0.0206	0.1154	0.0005	8.0566	0.0642
2017-01-06 23:30:00	4.1110	5.0098	0.0206	0.1154	0.0005	8.0566	0.0643
2017-01-06 23:45:00	3.0599	5.0098	0.0153	0.1154	0.0004	8.0566	0.0478
2017-01-07 00:00:00	3.6438	5.0098	0.0183	0.1154	0.0004	8.0566	0.0570
2017-01-07 00:15:00	4.0078	5.0098	0.0201	0.1154	0.0005	8.0566	0.0626
2017-01-07 00:30:00	3.3355	5.0098	0.0167	0.1154	0.0004	8.0566	0.0521
2017-01-07 00:45:00	3.8521	5.0098	0.0193	0.1154	0.0004	8.0566	0.0602
2017-01-07 01:00:00	3.9571	5.0098	0.0198	0.1154	0.0005	8.0566	0.0618
2017-01-07 01:15:00	3.7986	5.0098	0.0190	0.1154	0.0004	8.0566	0.0594
2017-01-07 01:30:00	3.8070	5.0098	0.0191	0.1154	0.0004	8.0566	0.0595
2017-01-07 01:45:00	3.7808	5.0098	0.0189	0.1154	0.0004	8.0566	0.0591
2017-01-07 02:00:00	2.6888	5.0098	0.0135	0.1154	0.0003	8.0566	0.0420
2017-01-07 02:15:00	3.2559	5.0098	0.0163	0.1154	0.0004	8.0566	0.0509
2017-01-07 02:30:00	4.1612	5.0098	0.0208	0.1154	0.0005	8.0566	0.0650
2017-01-07 02:45:00	4.2795	5.0098	0.0214	0.1154	0.0005	8.0566	0.0669
2017-01-07 03:00:00	4.0715	5.0098	0.0204	0.1154	0.0005	8.0566	0.0636
2017-01-07 03:15:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 03:30:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 03:45:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 04:00:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 04:15:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 04:30:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 04:45:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 05:00:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 05:15:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 05:30:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 05:45:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 06:00:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 06:15:00	4.2909	5.0098	0.0215	0.1154	0.0005	8.0566	0.0671
2017-01-07 06:30:00	4.2827	5.0098	0.0215	0.1154	0.0005	8.0566	0.0669
2017-01-07 06:45:00	4.4361	5.0098	0.0222	0.1154	0.0005	8.0566	0.0693
2017-01-07 07:00:00	3.8873	5.0098	0.0195	0.1154	0.0004	8.0566	0.0608
2017-01-07 07:15:00	3.8439	5.0098	0.0193	0.1154	0.0004	8.0566	0.0601
2017-01-07 07:30:00	2.3710	5.0098	0.0119	0.1154	0.0003	8.0566	0.0371
2017-01-07 07:45:00	0.2541	5.0098	0.0013	0.1154	0.0000	8.0566	0.0040
2017-01-07 08:00:00	0.0367	5.0098	0.0002	0.1154	0.0000	8.0566	0.0006
2017-01-07 08:15:00	0.0187	5.0098	0.0001	0.1154	0.0000	8.0566	0.0003
2017-01-07 08:30:00	0.0401	5.0098	0.0002	0.1154	0.0000	8.0566	0.0006
2017-01-07 08:45:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566	0.0000
2017-01-07 09:00:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566	0.0000
2017-01-07 09:15:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566	0.0000
2017-01-07 09:30:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566	0.0000
2017-01-07 09:45:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566	0.0000
2017-01-07 10:00:00	0.0745	5.0098	0.0004	0.1154	0.0000	8.0566	0.0012
2017-01-07 10:15:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566	0.0000
2017-01-07 10:30:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566	0.0000
2017-01-07 10:45:00	0.1383	5.0098	0.0007	0.1154	0.0000	8.0566	0.0022
2017-01-07 11:00:00	0.2905	5.0098	0.0015	0.1154	0.0000	8.0566	0.0045
2017-01-07 11:15:00	0.1769	5.0098	0.0009	0.1154	0.0000	8.0566	0.0028
2017-01-07 11:30:00	0.2745	5.0098	0.0014	0.1154	0.0000	8.0566	0.0043
		5.0098	0.0014	0.1154	0.0000	8.0566	0.0033
	0.2080	5.0050	0.0010	0.1154	0.0001	8.0566	0.0121
2017-01-07 11:45:00	0.2080 0.7727	5 0008		0.1134	0.0001	0.0500	0.0121
2017-01-07 11:45:00 2017-01-07 12:00:00	0.7727	5.0098		0.1154	0 0003	8 0566	U U334
2017-01-07 11:45:00 2017-01-07 12:00:00 2017-01-07 12:15:00	0.7727 2.0756	5.0098	0.0104	0.1154 0.1154	0.0002	8.0566 8.0566	0.0324
2017-01-07 11:45:00 2017-01-07 12:00:00 2017-01-07 12:15:00 2017-01-07 12:30:00	0.7727 2.0756 3.6014	5.0098 5.0098	0.0104 0.0180	0.1154	0.0004	8.0566	0.0563
2017-01-07 11:45:00 2017-01-07 12:00:00 2017-01-07 12:15:00 2017-01-07 12:30:00 2017-01-07 12:45:00	0.7727 2.0756 3.6014 3.9494	5.0098 5.0098 5.0098	0.0104 0.0180 0.0198	0.1154 0.1154	0.0004 0.0005	8.0566 8.0566	0.0563 0.0617
2017-01-07 11:45:00 2017-01-07 12:00:00 2017-01-07 12:15:00 2017-01-07 12:30:00 2017-01-07 12:45:00 2017-01-07 13:00:00	0.7727 2.0756 3.6014 3.9494 2.7944	5.0098 5.0098 5.0098 5.0098	0.0104 0.0180 0.0198 0.0140	0.1154 0.1154 0.1154	0.0004 0.0005 0.0003	8.0566 8.0566 8.0566	0.0563 0.0617 0.0437
2017-01-07 11:45:00 2017-01-07 12:00:00 2017-01-07 12:15:00 2017-01-07 12:30:00 2017-01-07 12:45:00 2017-01-07 13:00:00 2017-01-07 13:15:00	0.7727 2.0756 3.6014 3.9494 2.7944 3.7755	5.0098 5.0098 5.0098 5.0098 5.0098	0.0104 0.0180 0.0198 0.0140 0.0189	0.1154 0.1154 0.1154 0.1154	0.0004 0.0005 0.0003 0.0004	8.0566 8.0566 8.0566 8.0566	0.0563 0.0617 0.0437 0.0590
2017-01-07 11:45:00 2017-01-07 12:00:00 2017-01-07 12:15:00 2017-01-07 12:30:00 2017-01-07 12:45:00 2017-01-07 13:00:00 2017-01-07 13:15:00 2017-01-07 13:30:00	0.7727 2.0756 3.6014 3.9494 2.7944 3.7755 4.2795	5.0098 5.0098 5.0098 5.0098 5.0098 5.0098	0.0104 0.0180 0.0198 0.0140 0.0189 0.0214	0.1154 0.1154 0.1154 0.1154 0.1154	0.0004 0.0005 0.0003 0.0004 0.0005	8.0566 8.0566 8.0566 8.0566	0.0563 0.0617 0.0437 0.0590 0.0669
2017-01-07 11:45:00 2017-01-07 12:00:00 2017-01-07 12:15:00 2017-01-07 12:30:00 2017-01-07 12:45:00 2017-01-07 13:00:00 2017-01-07 13:15:00	0.7727 2.0756 3.6014 3.9494 2.7944 3.7755	5.0098 5.0098 5.0098 5.0098 5.0098	0.0104 0.0180 0.0198 0.0140 0.0189	0.1154 0.1154 0.1154 0.1154	0.0004 0.0005 0.0003 0.0004	8.0566 8.0566 8.0566 8.0566	0.0563 0.0617 0.0437 0.0590

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-07 14:15:00	3.6524	5.0098	0.0183	0.1154	0.0004	8.0566	0.0571
2017-01-07 14:30:00	2.7706	5.0098	0.0139	0.1154	0.0003	8.0566	0.0433
2017-01-07 14:45:00	2.6738	5.0098	0.0134	0.1154	0.0003	8.0566	0.0418
2017-01-07 15:00:00	2.1086	5.0098	0.0106	0.1039	0.0002	8.0566	0.0330
2017-01-07 15:15:00	1.8707	5.0098	0.0094	0.0855	0.0002	8.0566	0.0292
2017-01-07 15:30:00	2.6168	5.0098	0.0131	0.0095	0.0000	8.0566	0.0409
2017-01-07 15:45:00	2.7728	5.0098	0.0139	0.0132	0.0000	8.0566	0.0433
2017-01-07 16:00:00	2.5857	5.0098	0.0130	0.0069	0.0000	8.0566	0.0404
2017-01-07 16:15:00	1.8667	5.0098	0.0094	0.0034	0.0000	8.0566	0.0292
2017-01-07 16:30:00	1.4836	5.0098	0.0074	0.0034	0.0000	8.0566	0.0232
2017-01-07 16:45:00	0.7716	5.0098	0.0039	0.0034	0.0000	8.0566	0.0121
2017-01-07 17:00:00	0.3477	5.0098	0.0017	0.0034	0.0000	8.0566	0.0054
2017-01-07 17:15:00	0.4626	5.0098	0.0023	0.0034	0.0000	8.0566	0.0072
2017-01-07 17:30:00	0.5621	5.0098	0.0028	0.0034	0.0000	8.0566	0.0088
2017-01-07 17:45:00	0.6232	5.0098	0.0031	0.0034	0.0000	8.0566	0.0097
2017-01-07 18:00:00	0.5904	5.0098	0.0030	0.0034	0.0000	8.0566	0.0092
2017-01-07 18:15:00	1.5447	5.0098	0.0077	0.0308	0.0000	8.0566	0.0241
2017-01-07 18:30:00	1.1341	5.0098	0.0057	0.0110	0.0000	8.0566	0.0177
2017-01-07 18:45:00	0.3383	5.0098	0.0017	0.0110	0.0000	8.0566	0.0053
2017-01-07 19:00:00	0.1242	5.0098	0.0006	0.0110	0.0000	8.0566	0.0019
2017-01-07 19:15:00	0.1065	5.0098	0.0005	0.0110	0.0000	8.0566	0.0017
2017-01-07 19:30:00 2017-01-07 19:45:00	0.1197	5.0098 5.0098	0.0006 0.0009	0.0110 0.0110	0.0000 0.0000	8.0566	0.0019 0.0027
2017-01-07 19:45:00 2017-01-07 20:00:00	0.1749 0.3270	5.0098	0.0009	0.0110	0.0000	8.0566 8.0566	0.0027
2017-01-07 20:00:00 2017-01-07 20:15:00	0.3270	5.0098	0.0016	0.0110	0.0000	8.0566 8.0566	0.0051
2017-01-07 20:15:00	0.1250	5.0098	0.0012	0.0110	0.0000	8.0566	0.0036
2017-01-07 20:45:00	0.0192	5.0098	0.0001	0.0110	0.0000	8.0566	0.0020
2017-01-07 21:00:00	0.1271	5.0098	0.0001	0.0110	0.0000	8.0566	0.0003
2017-01-07 21:15:00	0.0782	5.0098	0.0004	0.0110	0.0000	8.0566	0.0020
2017-01-07 21:13:00	0.2555	5.0098	0.0013	0.0110	0.0000	8.0566	0.0012
2017-01-07 21:45:00	0.4403	5.0098	0.0013	0.0110	0.0000	8.0566	0.0069
2017-01-07 22:00:00	0.1470	5.0098	0.0007	0.0110	0.0000	8.0566	0.0023
2017-01-07 22:15:00	0.1204	5.0098	0.0006	0.0110	0.0000	8.0566	0.0019
2017-01-07 22:30:00	0.1522	5.0098	0.0008	0.0110	0.0000	8.0566	0.0024
2017-01-07 22:45:00	0.0185	5.0098	0.0001	0.0110	0.0000	8.0566	0.0003
2017-01-07 23:00:00	0.2558	5.0098	0.0013	0.0110	0.0000	8.0566	0.0040
2017-01-07 23:15:00	0.5878	5.0098	0.0029	0.0110	0.0000	8.0566	0.0092
2017-01-07 23:30:00	0.5465	5.0098	0.0027	0.0110	0.0000	8.0566	0.0085
2017-01-07 23:45:00	0.3937	5.0098	0.0020	0.0135	0.0000	8.0566	0.0062
2017-01-08 00:00:00	0.2281	5.0098	0.0011	0.0172	0.0000	8.0566	0.0036
2017-01-08 00:15:00	0.0694	5.0098	0.0003	0.0007	0.0000	8.0566	0.0011
2017-01-08 00:30:00	0.2562	5.0098	0.0013	0.0007	0.0000	8.0566	0.0040
2017-01-08 00:45:00	0.0796	5.0098	0.0004	0.0399	0.0000	8.0566	0.0012
2017-01-08 01:00:00	0.4713	5.0098	0.0024	0.0144	0.0000	8.0566	0.0074
2017-01-08 01:15:00	0.1904	5.0098	0.0010	0.0046	0.0000	8.0566	0.0030
2017-01-08 01:30:00	0.0610	5.0098	0.0003	0.0428	0.0000	8.0566	0.0010
2017-01-08 01:45:00	0.0243	5.0098	0.0001	0.0448	0.0000	8.0566	0.0004
2017-01-08 02:00:00	0.0762	5.0098	0.0004	0.0400	0.0000	8.0566	0.0012
2017-01-08 02:15:00	0.4212	5.0098	0.0021	0.0025	0.0000	8.0566	0.0066
2017-01-08 02:30:00	0.0717	5.0098	0.0004	0.0000	0.0000	8.0566	0.0011
2017-01-08 02:45:00	0.2307	5.0098	0.0012	0.0209	0.0000	8.0566	0.0036
2017-01-08 03:00:00	0.0192	5.0098	0.0001	0.0027	0.0000	8.0566	0.0003
2017-01-08 03:15:00	0.1980	5.0098	0.0010	0.0014	0.0000	8.0566	0.0031
2017-01-08 03:30:00	0.4022	5.0098	0.0020	0.0014	0.0000	8.0566	0.0063
2017-01-08 03:45:00	0.0210	5.0098	0.0001	0.0014	0.0000	8.0566	0.0003
2017-01-08 04:00:00	0.1225	5.0098	0.0006	0.0014	0.0000	8.0566	0.0019
2017-01-08 04:15:00	0.8363	5.0098	0.0042	0.0014	0.0000	8.0566	0.0131
2017-01-08 04:30:00	0.8787	5.0098	0.0044	0.0014	0.0000	8.0566	0.0137
2017-01-08 04:45:00	0.2902	5.0098	0.0015	0.0014	0.0000	8.0566	0.0045
2017-01-08 05:00:00	0.3077	5.0098	0.0015	0.0014	0.0000	8.0566	0.0048
2017-01-08 05:15:00	0.1259	5.0098	0.0006	0.0014	0.0000	8.0566	0.0020
2017-01-08 05:30:00	0.0195	5.0098	0.0001	0.0014	0.0000	8.0566	0.0003
2017-01-08 05:45:00	0.1187	5.0098	0.0006	0.0014	0.0000	8.0566	0.0019
2017-01-08 06:00:00	0.1809	5.0098	0.0009	0.0014	0.0000	8.0566	0.0028
2017-01-08 06:15:00	0.8223	5.0098	0.0041	0.0014	0.0000	8.0566	0.0129
2017-01-08 06:30:00	0.2038	5.0098	0.0010	0.0014	0.0000	8.0566	0.0032
2017-01-08 06:45:00	0.4116	5.0098	0.0021	0.0014	0.0000	8.0566	0.0064
2017-01-08 07:00:00	0.9063	5.0098	0.0045	0.0014	0.0000	8.0566	0.0142
2017-01-08 07:15:00	0.6240	5.0098	0.0031	0.0421	0.0000	8.0566	0.0098
2017-01-08 07:30:00	2.1121	5.0098	0.0106	0.0551	0.0001	8.0566	0.0330
2017-01-08 07:45:00	0.0755	5.0098	0.0004	0.1154	0.0000	8.0566	0.0012
2017-01-08 08:00:00	0.3810	5.0098	0.0019	0.1154	0.0000	8.0566	0.0060
2017-01-08 08:15:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566	0.0000
2017-01-08 08:30:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566	0.0000
2017-01-08 08:45:00	0.0380	5.0098	0.0002	0.1154	0.0000	8.0566	0.0006

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-08 09:00:00	0.0000	5.0098	0.0000	0.1154	0.0000	8.0566	0.0000
2017-01-08 09:15:00	0.1344	5.0098	0.0007	0.1154	0.0000	8.0566	0.0021
2017-01-08 09:30:00	0.0359	5.0098	0.0002	0.1154	0.0000	8.0566	0.0006
2017-01-08 09:45:00	0.5531	5.0098	0.0028	0.1409	0.0001	8.0566	0.0086
2017-01-08 10:00:00	1.2509	5.0098	0.0063	0.2280	0.0003	8.0566	0.0196
2017-01-08 10:15:00	2.1335	5.0098	0.0107	0.2280	0.0005	8.0566	0.0333
2017-01-08 10:30:00	3.0562	5.0098	0.0153	0.2280	0.0007	8.0566	0.0478
2017-01-08 10:45:00	3.7642	5.0098	0.0189	0.2280	0.0009	8.0566	0.0588
2017-01-08 11:00:00	2.1445	5.0098	0.0107	0.2280	0.0005	8.0566	0.0335
2017-01-08 11:15:00	1.5406	5.0098	0.0077	0.1348	0.0002	8.0566	0.0241
2017-01-08 11:30:00	1.3268	5.0098	0.0066	0.1739	0.0002	8.0566	0.0207
2017-01-08 11:45:00	0.9907	5.0098	0.0050	0.1902	0.0002	8.0566	0.0155
2017-01-08 12:00:00	1.3802	5.0098	0.0069	0.1902	0.0003	8.0566	0.0216
2017-01-08 12:15:00	1.6155	5.0098	0.0081	0.1646	0.0003	8.0566	0.0253
2017-01-08 12:30:00	1.6543	5.0098	0.0083	0.1888	0.0003	8.0566	0.0259
2017-01-08 12:45:00	0.4234	5.0098	0.0021	0.0469	0.0000	8.0566	0.0066
2017-01-08 13:00:00	0.5954	5.0098	0.0030	0.0053	0.0000	8.0566	0.0093
2017-01-08 13:15:00	0.8091	5.0098	0.0041	0.0508	0.0000	8.0566	0.0126
2017-01-08 13:30:00	1.1996	5.0098	0.0060	0.0265	0.0000	8.0566	0.0187
2017-01-08 13:45:00	0.7134	5.0098	0.0036	0.0471	0.0000	8.0566	0.0111
2017-01-08 14:00:00	0.5746	5.0098	0.0029	0.0350	0.0000	8.0566	0.0090
2017-01-08 14:15:00 2017-01-08 14:30:00	0.3389	5.0098	0.0017	0.0350	0.0000	8.0566	0.0053
	1.1465	5.0098	0.0057 0.0073	0.0350 0.0350	0.0000	8.0566	0.0179
2017-01-08 14:45:00 2017-01-08 15:00:00	1.4575 1.1987	5.0098 5.0098	0.0073	0.0350	0.0001 0.0000	8.0566 8.0566	0.0228 0.0187
		5.0098	0.0107	0.0350	0.0000	8.0566	0.0187
2017-01-08 15:15:00 2017-01-08 15:30:00	2.1345 1.8871	5.0098	0.0107	0.0350	0.0001	8.0566	0.0334
2017-01-08 15:30:00	1.4207	5.0098	0.0093	0.0350	0.0001	8.0566	0.0293
2017-01-08 15:45:00	0.9332	5.0098	0.0071	0.0350	0.0000	8.0566	0.0222
2017-01-08 16:00:00	0.1381	5.0098	0.0007	0.0350	0.0000	8.0566	0.0022
2017-01-08 16:13:00	0.3079	5.0098	0.0007	0.0350	0.0000	8.0566	0.0022
2017-01-08 16:45:00	1.1206	5.0098	0.0015	0.0350	0.0000	8.0566	0.0175
2017-01-08 10:49:00	0.8730	5.0098	0.0044	0.0350	0.0000	8.0566	0.0175
2017-01-08 17:15:00	0.9745	5.0098	0.0049	0.0350	0.0000	8.0566	0.0152
2017-01-08 17:30:00	0.2812	5.0098	0.0014	0.0538	0.0000	8.0566	0.0044
2017-01-08 17:45:00	0.4565	5.0098	0.0023	0.0106	0.0000	8.0566	0.0071
2017-01-08 18:00:00	0.5194	5.0098	0.0026	0.0122	0.0000	8.0566	0.0071
2017-01-08 18:15:00	0.4250	5.0098	0.0021	0.0048	0.0000	8.0566	0.0066
2017-01-08 18:30:00	0.0841	5.0098	0.0004	0.0048	0.0000	8.0566	0.0013
2017-01-08 18:45:00	0.2012	5.0098	0.0010	0.0048	0.0000	8.0566	0.0031
2017-01-08 19:00:00	0.0670	5.0098	0.0003	0.0048	0.0000	8.0566	0.0010
2017-01-08 19:15:00	0.1946	5.0098	0.0010	0.0048	0.0000	8.0566	0.0030
2017-01-08 19:30:00	0.3457	5.0098	0.0017	0.0048	0.0000	8.0566	0.0054
2017-01-08 19:45:00	0.4526	5.0098	0.0023	0.0048	0.0000	8.0566	0.0071
2017-01-08 20:00:00	0.2452	5.0098	0.0012	0.0048	0.0000	8.0566	0.0038
2017-01-08 20:15:00	0.2777	5.0098	0.0014	0.0048	0.0000	8.0566	0.0043
2017-01-08 20:30:00	0.2201	5.0098	0.0011	0.0048	0.0000	8.0566	0.0034
2017-01-08 20:45:00	0.1297	5.0098	0.0006	0.0163	0.0000	8.0566	0.0020
2017-01-08 21:00:00	0.1903	5.0098	0.0010	0.0000	0.0000	8.0566	0.0030
2017-01-08 21:15:00	0.0980	5.0098	0.0005	0.0000	0.0000	8.0566	0.0015
2017-01-08 21:30:00	0.4066	5.0098	0.0020	0.0000	0.0000	8.0566	0.0064
2017-01-08 21:45:00	0.5547	5.0098	0.0028	0.0000	0.0000	8.0566	0.0087
2017-01-08 22:00:00	0.2546	5.0098	0.0013	0.0000	0.0000	8.0566	0.0040
2017-01-08 22:15:00	0.3757	5.0098	0.0019	0.0000	0.0000	8.0566	0.0059
2017-01-08 22:30:00	0.2292	5.0098	0.0011	0.0000	0.0000	8.0566	0.0036
2017-01-08 22:45:00	0.1895	5.0098	0.0009	0.0400	0.0000	8.0566	0.0030
2017-01-08 23:00:00	0.2934	5.0098	0.0015	0.0000	0.0000	8.0566	0.0046
2017-01-08 23:15:00	0.0668	5.0098	0.0003	0.0454	0.0000	8.0566	0.0010
2017-01-08 23:30:00	0.1924	5.0098	0.0010	0.0199	0.0000	8.0566	0.0030
2017-01-08 23:45:00	0.2829	5.0098	0.0014	0.0255	0.0000	8.0566	0.0044
2017-01-09 00:00:00	0.2989	5.0098	0.0015	0.0000	0.0000	8.0566	0.0047
2017-01-09 00:15:00	0.2947	5.0098	0.0015	0.0000	0.0000	8.0566	0.0046
2017-01-09 00:30:00	0.2377	5.0098	0.0012	0.0000	0.0000	8.0566	0.0037
2017-01-09 00:45:00	0.1595	5.0098	0.0008	0.0000	0.0000	8.0566	0.0025
2017-01-09 01:00:00	0.1861	5.0098	0.0009	0.0000	0.0000	8.0566	0.0029
2017-01-09 01:15:00	0.7149	5.0098	0.0036	0.0000	0.0000	8.0566	0.0112
2017-01-09 01:30:00	0.2585	5.0098	0.0013	0.0000	0.0000	8.0566	0.0040
2017-01-09 01:45:00	0.1335	5.0098	0.0007	0.0046	0.0000	8.0566	0.0021
2017-01-09 02:00:00	0.2329	5.0098	0.0012	0.0000	0.0000	8.0566	0.0036
2017-01-09 02:15:00	0.2644	5.0098	0.0013	0.0000	0.0000	8.0566	0.0041
2017-01-09 02:30:00	0.4313	5.0098	0.0022	0.0000	0.0000	8.0566	0.0067
2017-01-09 02:45:00	0.3826	5.0098	0.0019	0.0000	0.0000	8.0566	0.0060
			0.0045	0.0000	0.0000	0.0566	0.0046
2017-01-09 03:00:00	0.2933	5.0098	0.0015	0.0000	0.0000	8.0566	0.0046
2017-01-09 03:00:00 2017-01-09 03:15:00	0.2933 0.4368	5.0098 5.0098	0.0015	0.0000	0.0000	8.0566	0.0046

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-09 03:45:00	0.3271	5.0098	0.0016	0.0000	0.0000	8.0566	0.0051
2017-01-09 04:00:00	0.3956	5.0098	0.0020	0.0000	0.0000	8.0566	0.0062
2017-01-09 04:15:00	0.5682	5.0098	0.0028	0.0000	0.0000	8.0566	0.0089
2017-01-09 04:30:00	0.6273	5.0098	0.0031	0.0000	0.0000	8.0566	0.0098
2017-01-09 04:45:00	0.2418	5.0098	0.0012	0.0000	0.0000	8.0566	0.0038
2017-01-09 05:00:00	0.3103	5.0098	0.0016	0.0000	0.0000	8.0566	0.0048
2017-01-09 05:15:00	0.6198	5.0098	0.0031	0.0000	0.0000	8.0566	0.0097
2017-01-09 05:30:00	0.2080	5.0098	0.0010	0.0000	0.0000	8.0566	0.0033
2017-01-09 05:45:00	0.5714	5.0098	0.0029	0.0000	0.0000	8.0566	0.0089
2017-01-09 06:00:00	0.0375	5.0098	0.0002	0.0000	0.0000	8.0566	0.0006
2017-01-09 06:15:00	0.1978	5.0098	0.0010	0.0000	0.0000	8.0566	0.0031
2017-01-09 06:30:00	0.6359	5.0098	0.0032	0.0000	0.0000	8.0566	0.0099
2017-01-09 06:45:00	1.0916	5.0098	0.0055	0.0000	0.0000	8.0566	0.0171
2017-01-09 07:00:00	1.3171	5.0098	0.0066 0.0048	0.0000 0.0000	0.0000	8.0566 8.0566	0.0206
2017-01-09 07:15:00	0.9528	5.0098			0.0000		0.0149
2017-01-09 07:30:00	0.5580	5.0098	0.0028 0.0012	0.0000	0.0000	8.0566	0.0087
2017-01-09 07:45:00	0.2333	5.0098		0.0105	0.0000	8.0566	0.0036
2017-01-09 08:00:00	0.2093	5.0098 5.0098	0.0010 0.0026	0.0131 0.0896	0.0000 0.0000	8.0566 8.0566	0.0033 0.0081
2017-01-09 08:15:00	0.5188 0.0450	5.0098	0.0026	0.0896	0.0000	8.0566	0.0081
2017-01-09 08:30:00							
2017-01-09 08:45:00 2017-01-09 09:00:00	0.0384 0.1522	5.0098 5.0098	0.0002 0.0008	0.0403 0.0940	0.0000 0.0000	8.0566 8.0566	0.0006 0.0024
2017-01-09 09:00:00	0.1522	5.0098	0.0008	0.0940	0.0000	8.0566	0.0024
2017-01-09 09:15:00	0.0416	5.0098	0.0002	0.0834	0.0000	8.0566	0.0006
2017-01-09 09:30:00	0.0390	5.0098	0.0002	0.0502	0.0000	8.0566	0.0006
2017-01-09 09:45:00	0.0627	5.0098	0.0003	0.0243	0.0000	8.0566	0.0000
2017-01-09 10:00:00	0.0436	5.0098	0.0003	0.0179	0.0000	8.0566	0.0010
2017-01-09 10:30:00	0.1732	5.0098	0.0002	0.0271	0.0000	8.0566	0.0027
2017-01-09 10:45:00	0.1740	5.0098	0.0009	0.0271	0.0000	8.0566	0.0027
2017-01-09 11:00:00	0.6916	5.0098	0.0035	0.0187	0.0000	8.0566	0.0108
2017-01-09 11:15:00	0.4853	5.0098	0.0024	0.0082	0.0000	8.0566	0.0076
2017-01-09 11:30:00	0.2046	5.0098	0.0010	0.0007	0.0000	8.0566	0.0032
2017-01-09 11:45:00	0.5331	5.0098	0.0027	0.0214	0.0000	8.0566	0.0083
2017-01-09 12:00:00	1.1750	5.0098	0.0059	0.0386	0.0000	8.0566	0.0184
2017-01-09 12:15:00	0.5548	5.0098	0.0028	0.0445	0.0000	8.0566	0.0087
2017-01-09 12:30:00	0.5219	5.0098	0.0026	0.0164	0.0000	8.0566	0.0082
2017-01-09 12:45:00	0.9793	5.0098	0.0049	0.0211	0.0000	8.0566	0.0153
2017-01-09 13:00:00	0.6815	5.0098	0.0034	0.0114	0.0000	8.0566	0.0107
2017-01-09 13:15:00	1.2357	5.0098	0.0062	0.0561	0.0001	8.0566	0.0193
2017-01-09 13:30:00	0.8141	5.0098	0.0041	0.0439	0.0000	8.0566	0.0127
2017-01-09 13:45:00	1.0205	5.0098	0.0051	0.0506	0.0001	8.0566	0.0160
2017-01-09 14:00:00	1.0293	5.0098	0.0052	0.0412	0.0000	8.0566	0.0161
2017-01-09 14:15:00	0.9797	5.0098	0.0049	0.0412	0.0000	8.0566	0.0153
2017-01-09 14:30:00	0.4190	5.0098	0.0021	0.0412	0.0000	8.0566	0.0065
2017-01-09 14:45:00	0.8036	5.0098	0.0040	0.0532	0.0000	8.0566	0.0126
2017-01-09 15:00:00	1.1481	5.0098	0.0058	0.0330	0.0000	8.0566	0.0179
2017-01-09 15:15:00	0.7394	5.0098	0.0037	0.0316	0.0000	8.0566	0.0116
2017-01-09 15:30:00	0.5932	5.0098	0.0030	0.0316	0.0000	8.0566	0.0093
2017-01-09 15:45:00	0.8236	5.0098	0.0041	0.0126	0.0000	8.0566	0.0129
2017-01-09 16:00:00	0.6666	5.0098	0.0033	0.0000	0.0000	8.0566	0.0104
2017-01-09 16:15:00	0.3119	5.0098	0.0016	0.0000	0.0000	8.0566	0.0049
2017-01-09 16:30:00	1.1751	5.0098	0.0059	0.0096	0.0000	8.0566	0.0184
2017-01-09 16:45:00	0.2106	5.0098	0.0011	0.0034	0.0000	8.0566	0.0033
2017-01-09 17:00:00	0.3181	5.0098	0.0016	0.0446	0.0000	8.0566	0.0050
2017-01-09 17:15:00	0.9867	5.0098	0.0049	0.0288	0.0000	8.0566	0.0154
2017-01-09 17:30:00	0.7509	5.0098	0.0038	0.0288	0.0000	8.0566	0.0117
2017-01-09 17:45:00	1.0411	5.0098	0.0052	0.0288	0.0000	8.0566	0.0163
2017-01-09 18:00:00	1.1302	5.0098	0.0057	0.0288	0.0000	8.0566	0.0177
2017-01-09 18:15:00	0.1504	5.0098	0.0008	0.0288	0.0000	8.0566	0.0024
2017-01-09 18:30:00	0.0229	5.0098	0.0001	0.0288	0.0000	8.0566	0.0004
2017-01-09 18:45:00	0.2432	5.0098	0.0012	0.0288	0.0000	8.0566	0.0038
2017-01-09 19:00:00	0.9148	5.0098	0.0046	0.0288	0.0000	8.0566	0.0143
2017-01-09 19:15:00	3.5119	5.0098	0.0176	0.0288	0.0001	8.0566	0.0549
2017-01-09 19:30:00	0.9234	5.0098	0.0046	0.0288	0.0000	8.0566	0.0144
2017-01-09 19:45:00	0.3336	5.0098	0.0017	0.0288	0.0000	8.0566	0.0052
2017-01-09 20:00:00	0.1464	5.0098	0.0007	0.0288	0.0000	8.0566	0.0023
2017-01-09 20:15:00	0.0246	5.0098	0.0001	0.0288	0.0000	8.0566	0.0004
2017-01-09 20:30:00	0.0919	5.0098	0.0005	0.0288	0.0000	8.0566	0.0014
	0.1322	5.0098	0.0007	0.0288	0.0000	8.0566	0.0021
2017-01-09 20:45:00		5 0000	0.0004	0.0288	0.0000	8.0566	0.0013
2017-01-09 20:45:00 2017-01-09 21:00:00	0.0837	5.0098					
	0.0837 0.0508	5.0098	0.0003	0.0288	0.0000	8.0566	0.0008
2017-01-09 21:00:00 2017-01-09 21:15:00 2017-01-09 21:30:00	0.0508 0.0194	5.0098 5.0098	0.0003 0.0001	0.0288	0.0000	8.0566	0.0003
2017-01-09 21:00:00 2017-01-09 21:15:00 2017-01-09 21:30:00 2017-01-09 21:45:00	0.0508 0.0194 0.1980	5.0098 5.0098 5.0098	0.0003 0.0001 0.0010	0.0288 0.0288	0.0000 0.0000	8.0566 8.0566	0.0003 0.0031
2017-01-09 21:00:00 2017-01-09 21:15:00 2017-01-09 21:30:00	0.0508 0.0194	5.0098 5.0098	0.0003 0.0001	0.0288	0.0000	8.0566	0.0003

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-09 22:30:00	0.3198	5.0098	0.0016	0.0288	0.0000	8.0566	0.0050
2017-01-09 22:45:00	0.4474	5.0098	0.0022	0.0288	0.0000	8.0566	0.0070
2017-01-09 23:00:00	0.1703	5.0098	0.0009	0.0288	0.0000	8.0566	0.0027
2017-01-09 23:15:00	0.2088	5.0098	0.0010	0.0288	0.0000	8.0566	0.0033
2017-01-09 23:30:00	0.3516	5.0098	0.0018	0.0288	0.0000	8.0566	0.0055
2017-01-09 23:45:00	0.1440	5.0098	0.0007	0.0288	0.0000	8.0566	0.0023
2017-01-10 00:00:00	0.1044	5.0098	0.0005	0.0288	0.0000	8.0566	0.0016
2017-01-10 00:15:00	0.3608	5.0098	0.0018	0.0288	0.0000	8.0566	0.0056
2017-01-10 00:30:00	0.1753	5.0098	0.0009	0.0288	0.0000	8.0566	0.0027
2017-01-10 00:45:00	0.2613	5.0098	0.0013	0.0062	0.0000	8.0566	0.0041
2017-01-10 01:00:00	0.1496	5.0098	0.0007	0.0000	0.0000	8.0566	0.0023
2017-01-10 01:15:00	0.2517	5.0098	0.0013	0.0548	0.0000	8.0566	0.0039
2017-01-10 01:30:00	0.1488	5.0098	0.0007	0.0000	0.0000	8.0566	0.0023
2017-01-10 01:45:00	0.2809	5.0098	0.0014	0.0000	0.0000	8.0566	0.0044
2017-01-10 02:00:00	0.2883	5.0098	0.0014	0.0000	0.0000	8.0566	0.0045
2017-01-10 02:15:00	0.3912	5.0098	0.0020	0.0000	0.0000	8.0566	0.0061
2017-01-10 02:30:00	0.0933	5.0098	0.0005	0.0000	0.0000	8.0566	0.0015
2017-01-10 02:45:00	0.2504	5.0098	0.0013	0.0000	0.0000	8.0566	0.0039
2017-01-10 03:00:00	0.2289	5.0098	0.0011	0.0000	0.0000	8.0566	0.0036
2017-01-10 03:15:00	0.3395	5.0098	0.0017	0.0000	0.0000	8.0566	0.0053
2017-01-10 03:30:00	0.3472	5.0098	0.0017	0.0000	0.0000	8.0566	0.0054
2017-01-10 03:45:00	0.5742	5.0098	0.0029 0.0026	0.0000 0.0000	0.0000 0.0000	8.0566 8.0566	0.0090 0.0082
2017-01-10 04:00:00 2017-01-10 04:15:00	0.5258 0.2326	5.0098 5.0098	0.0026	0.0000	0.0000	8.0566 8.0566	0.0082
2017-01-10 04:15:00 2017-01-10 04:30:00	0.2326 0.1721	5.0098	0.0012	0.0000	0.0000	8.0566 8.0566	0.0036
2017-01-10 04:30:00 2017-01-10 04:45:00	0.1721	5.0098	0.0009	0.0000	0.0000	8.0566 8.0566	0.0027
	0.3330	5.0098	0.0017	0.0000	0.0000	8.0566	0.0032
2017-01-10 05:00:00 2017-01-10 05:15:00	1.0024	5.0098	0.0050	0.0000	0.0000	8.0566	0.0117
2017-01-10 05:15:00	0.5042	5.0098	0.0030	0.0000	0.0000	8.0566	0.0137
2017-01-10 05:35:00	0.6752	5.0098	0.0023	0.0000	0.0000	8.0566	0.0106
2017-01-10 05:45:00	0.1625	5.0098	0.0008	0.0000	0.0000	8.0566	0.0025
2017-01-10 06:05:00	0.2730	5.0098	0.0014	0.0000	0.0000	8.0566	0.0023
2017-01-10 06:30:00	0.7588	5.0098	0.0014	0.0000	0.0000	8.0566	0.0119
2017-01-10 06:45:00	0.6034	5.0098	0.0030	0.0000	0.0000	8.0566	0.0094
2017-01-10 07:00:00	0.8057	5.0098	0.0040	0.0000	0.0000	8.0566	0.0126
2017-01-10 07:15:00	0.4453	5.0098	0.0022	0.0000	0.0000	8.0566	0.0070
2017-01-10 07:30:00	1.0406	5.0098	0.0052	0.0000	0.0000	8.0566	0.0163
2017-01-10 07:45:00	0.5632	5.0098	0.0028	0.0000	0.0000	8.0566	0.0088
2017-01-10 08:00:00	0.1824	5.0098	0.0009	0.0069	0.0000	8.0566	0.0029
2017-01-10 08:15:00	0.1488	5.0098	0.0007	0.0226	0.0000	8.0566	0.0023
2017-01-10 08:30:00	0.1473	5.0098	0.0007	0.0169	0.0000	8.0566	0.0023
2017-01-10 08:45:00	0.1801	5.0098	0.0009	0.0027	0.0000	8.0566	0.0028
2017-01-10 09:00:00	0.0978	5.0098	0.0005	0.0234	0.0000	8.0566	0.0015
2017-01-10 09:15:00	0.0420	5.0098	0.0002	0.0169	0.0000	8.0566	0.0007
2017-01-10 09:30:00	0.1146	5.0098	0.0006	0.0263	0.0000	8.0566	0.0018
2017-01-10 09:45:00	0.0573	5.0098	0.0003	0.0188	0.0000	8.0566	0.0009
2017-01-10 10:00:00	0.0844	5.0098	0.0004	0.0516	0.0000	8.0566	0.0013
2017-01-10 10:15:00	0.0393	5.0098	0.0002	0.0063	0.0000	8.0566	0.0006
2017-01-10 10:30:00	0.0695	5.0098	0.0003	0.0000	0.0000	8.0566	0.0011
2017-01-10 10:45:00	0.0905	5.0098	0.0005	0.0958	0.0000	8.0566	0.0014
2017-01-10 11:00:00	0.1018	5.0098	0.0005	0.1117	0.0000	8.0566	0.0016
2017-01-10 11:15:00	0.4938	5.0098	0.0025	0.0333	0.0000	8.0566	0.0077
2017-01-10 11:30:00	0.2142	5.0098	0.0011	0.0316	0.0000	8.0566	0.0033
2017-01-10 11:45:00	0.2546	5.0098	0.0013	0.0458	0.0000	8.0566	0.0040
2017-01-10 12:00:00	0.6662	5.0098	0.0033	0.0000	0.0000	8.0566	0.0104
2017-01-10 12:15:00	1.5843	5.0098	0.0079	0.0618	0.0001	8.0566	0.0248
2017-01-10 12:30:00	1.0402	5.0098	0.0052	0.0318	0.0000	8.0566	0.0163
2017-01-10 12:45:00	0.9399	5.0098	0.0047	0.0835	0.0001	8.0566	0.0147
2017-01-10 13:00:00	0.5598	5.0098	0.0028	0.0583	0.0000	8.0566	0.0087
2017-01-10 13:15:00	0.8755	5.0098	0.0044	0.1105	0.0001	8.0566	0.0137
2017-01-10 13:30:00	1.2545	5.0098	0.0063	0.1105	0.0001	8.0566	0.0196
2017-01-10 13:45:00	0.7493	5.0098	0.0038	0.1105	0.0001	8.0566	0.0117
2017-01-10 14:00:00	0.7229	5.0098	0.0036	0.1105	0.0001	8.0566	0.0113
2017-01-10 14:15:00	0.1417	5.0098	0.0007	0.1105	0.0000	8.0566	0.0022
2017-01-10 14:30:00	0.3054	5.0098	0.0015	0.1105	0.0000	8.0566	0.0048
2017-01-10 14:45:00	0.4268	5.0098	0.0021	0.1105	0.0000	8.0566	0.0067
2017-01-10 15:00:00	0.2345	5.0098	0.0012	0.1105	0.0000	8.0566	0.0037
2017-01-10 15:15:00	0.5436	5.0098	0.0027	0.1105	0.0001	8.0566	0.0085
2017-01-10 15:30:00	0.7387	5.0098	0.0037	0.1105	0.0001	8.0566	0.0115
2017-01-10 15:45:00	0.0865	5.0098	0.0004	0.1105	0.0000	8.0566	0.0014
2017-01-10 16:00:00	0.3584	5.0098	0.0018	0.1105	0.0000	8.0566	0.0056
2017-01-10 16:15:00	0.0742	5.0098	0.0004	0.1105	0.0000	8.0566	0.0012
		F 0000	0.0017	0.1105	0.0000	8.0566	0.0052
2017-01-10 16:30:00	0.3307	5.0098	0.0017	0.1103	0.0000	8.0300	0.0032
2017-01-10 16:30:00 2017-01-10 16:45:00	0.3307 0.2478	5.0098	0.0017	0.1105	0.0000	8.0566	0.0032

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-10 17:15:00	0.1265	5.0098	0.0006	0.1105	0.0000	8.0566	0.0020
2017-01-10 17:30:00	0.0253	5.0098	0.0001	0.1105	0.0000	8.0566	0.0004
2017-01-10 17:45:00	0.0834	5.0098	0.0004	0.1105	0.0000	8.0566	0.0013
2017-01-10 18:00:00	0.1672	5.0098	0.0008	0.1105	0.0000	8.0566	0.0026
2017-01-10 18:15:00	0.2579	5.0098	0.0013	0.1105	0.0000	8.0566	0.0040
2017-01-10 18:30:00	0.3205	5.0098	0.0016	0.1105	0.0000	8.0566	0.0050
2017-01-10 18:45:00	0.0994	5.0098	0.0005	0.1105	0.0000	8.0566	0.0016
2017-01-10 19:00:00	0.2517	5.0098	0.0013	0.1105	0.0000	8.0566	0.0039
2017-01-10 19:15:00	0.0402	5.0098	0.0002	0.1105	0.0000	8.0566	0.0006
2017-01-10 19:30:00	0.0862	5.0098	0.0004	0.1105	0.0000	8.0566	0.0013
2017-01-10 19:45:00	0.0000	5.0098	0.0000	0.1105	0.0000	8.0566	0.0000
2017-01-10 20:00:00	0.0383	5.0098	0.0002	0.1105	0.0000	8.0566	0.0006
2017-01-10 20:15:00	0.0689	5.0098	0.0003	0.1105	0.0000	8.0566	0.0011
2017-01-10 20:30:00	0.1458	5.0098	0.0007	0.1105	0.0000	8.0566	0.0023
2017-01-10 20:45:00	0.2066	5.0098	0.0010	0.1105	0.0000	8.0566	0.0032
2017-01-10 21:00:00	0.1884	5.0098	0.0009	0.1105	0.0000	8.0566	0.0029
2017-01-10 21:15:00	0.0644	5.0098	0.0003	0.1105	0.0000	8.0566	0.0010
2017-01-10 21:30:00	0.2123	5.0098	0.0011	0.1105	0.0000	8.0566	0.0033
2017-01-10 21:45:00	0.1098	5.0098	0.0006	0.1105	0.0000	8.0566	0.0017
2017-01-10 22:00:00	0.4170	5.0098	0.0021	0.1105	0.0000	8.0566	0.0065
2017-01-10 22:15:00	0.5198	5.0098	0.0026	0.1105	0.0001	8.0566	0.0081
2017-01-10 22:30:00	0.2802	5.0098	0.0014	0.1105	0.0000	8.0566	0.0044
2017-01-10 22:45:00	0.3625	5.0098	0.0018	0.1105	0.0000	8.0566	0.0057
2017-01-10 23:00:00	0.3244	5.0098	0.0016	0.1105	0.0000	8.0566	0.0051
2017-01-10 23:15:00	0.7522	5.0098	0.0038	0.1105	0.0001	8.0566	0.0118
2017-01-10 23:30:00	0.4867	5.0098	0.0024	0.1105	0.0001	8.0566	0.0076
2017-01-10 23:45:00	0.5389	5.0098	0.0027	0.1105	0.0001	8.0566	0.0084
2017-01-11 00:00:00	0.9456	5.0098	0.0047	0.1105	0.0001	8.0566	0.0148
2017-01-11 00:15:00	0.3841	5.0098	0.0019	0.1105	0.0000	8.0566	0.0060
2017-01-11 00:30:00	0.5291	5.0098	0.0027	0.1105	0.0001	8.0566	0.0083
2017-01-11 00:45:00	0.3422	5.0098	0.0017	0.1105	0.0000	8.0566	0.0053
2017-01-11 01:00:00	0.6245	5.0098	0.0031	0.1105	0.0001	8.0566	0.0098
2017-01-11 01:15:00	0.4605	5.0098	0.0023	0.1105	0.0001	8.0566	0.0072
2017-01-11 01:30:00	0.2410	5.0098	0.0012	0.1105	0.0000	8.0566	0.0038
2017-01-11 01:45:00	0.2911	5.0098	0.0015	0.1105	0.0000	8.0566	0.0045
2017-01-11 02:00:00	0.2585	5.0098	0.0013	0.1105	0.0000	8.0566	0.0040
2017-01-11 02:15:00	0.0835	5.0098	0.0004	0.1105	0.0000	8.0566	0.0013
2017-01-11 02:30:00	0.0757	5.0098	0.0004	0.1105	0.0000	8.0566	0.0012
2017-01-11 02:45:00	0.2825	5.0098	0.0014	0.1105	0.0000	8.0566	0.0044
2017-01-11 03:00:00	0.2526	5.0098	0.0013	0.1105	0.0000	8.0566	0.0039
2017-01-11 03:15:00	0.3191	5.0098	0.0016	0.1105	0.0000	8.0566	0.0050
2017-01-11 03:30:00	0.1095	5.0098	0.0005	0.1105	0.0000	8.0566	0.0017
2017-01-11 03:45:00	0.1547	5.0098	0.0008	0.1105	0.0000	8.0566	0.0024
2017-01-11 04:00:00	0.4735	5.0098	0.0024	0.1105	0.0001	8.0566	0.0074
2017-01-11 04:15:00	0.1997	5.0098	0.0010	0.1105	0.0000	8.0566	0.0031
2017-01-11 04:30:00	0.5895	5.0098	0.0030	0.1105	0.0001	8.0566	0.0092
2017-01-11 04:45:00	0.4801	5.0098	0.0024	0.1105	0.0001	8.0566	0.0075
2017-01-11 05:00:00	0.6252	5.0098	0.0031	0.1105	0.0001	8.0566	0.0098
2017-01-11 05:15:00	1.0961	5.0098	0.0055	0.1105	0.0001	8.0566	0.0171
2017-01-11 05:30:00	0.6728	5.0098	0.0034	0.1105	0.0001	8.0566	0.0105
2017-01-11 05:45:00	0.6280	5.0098	0.0031	0.1105	0.0001	8.0566	0.0098
2017-01-11 06:00:00	0.6528	5.0098	0.0033	0.1105	0.0001	8.0566	0.0102
2017-01-11 06:15:00	0.7604	5.0098	0.0038	0.1105	0.0001	8.0566	0.0119
2017-01-11 06:30:00	0.4644	5.0098	0.0023	0.1105	0.0001	8.0566	0.0073
2017-01-11 06:45:00	0.3143	5.0098	0.0016	0.1105	0.0000	8.0566	0.0049
2017-01-11 07:00:00	1.0129	5.0098	0.0051	0.1105	0.0001	8.0566	0.0158
2017-01-11 07:00:00	0.4914	5.0098	0.0025	0.1105	0.0001	8.0566	0.0077
2017-01-11 07:30:00	0.5948	5.0098	0.0023	0.1105	0.0001	8.0566	0.0077
2017-01-11 07:35:00	1.9481	5.0098	0.0098	0.1105	0.0001	8.0566	0.0304
2017-01-11 07:43:00	1.8214	5.0098	0.0091	0.1105	0.0002	8.0566	0.0304
2017-01-11 08:00:00	0.9693	5.0098	0.0049	0.1105	0.0002	8.0566	0.0285
2017-01-11 08:15:00	0.8189			0.1105	0.0001	8.0566	0.0131
		5.0098	0.0041 0.0027				
2017-01-11 08:45:00	0.5316	5.0098	0.0027	0.1105	0.0001	8.0566 8.0566	0.0083
2017-01-11 09:00:00	0.4696	5.0098		0.1105	0.0001	8.0566 8.0566	0.0073
2017-01-11 09:15:00	0.1531	5.0098	0.0008	0.1105	0.0000	8.0566	0.0024
2017-01-11 09:30:00	0.5992	5.0098	0.0030	0.1105	0.0001	8.0566	0.0094
2017-01-11 09:45:00	0.0991	5.0098	0.0005	0.1105	0.0000	8.0566	0.0015
2017-01-11 10:00:00	0.1187	5.0098	0.0006	0.1105	0.0000	8.0566	0.0019
		5.0098	0.0012	0.1105	0.0000	8.0566	0.0038
2017-01-11 10:15:00	0.2401				0.0000	. 0.0500	
2017-01-11 10:15:00 2017-01-11 10:30:00	0.3081	5.0098	0.0015	0.1105	0.0000	8.0566	0.0048
2017-01-11 10:15:00		5.0098 5.0098	0.0015 0.0012	0.1105 0.1105	0.0000	8.0566 8.0566	0.0048
2017-01-11 10:15:00 2017-01-11 10:30:00	0.3081						
2017-01-11 10:15:00 2017-01-11 10:30:00 2017-01-11 10:45:00	0.3081 0.2386	5.0098	0.0012	0.1105	0.0000	8.0566	0.0037
2017-01-11 10:15:00 2017-01-11 10:30:00 2017-01-11 10:45:00 2017-01-11 11:00:00	0.3081 0.2386 0.8759	5.0098 5.0098	0.0012 0.0044	0.1105 0.1105	0.0000 0.0001	8.0566 8.0566	0.0037 0.0137

	Point Source Air Emissions - A2 Nitric Acid Stack							
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-01-11 12:00:00	1.0909	5.0098	0.0055	0.1254	0.0001	8.0566	0.0171	
2017-01-11 12:15:00	0.8346	5.0098	0.0042	0.0348	0.0000	8.0566	0.0130	
2017-01-11 12:30:00	1.3095	5.0098	0.0066	0.0911	0.0001	8.0566	0.0205	
2017-01-11 12:45:00	1.0518	5.0098	0.0053	0.0720	0.0001	8.0566	0.0164	
2017-01-11 13:00:00	0.9565	5.0098	0.0048	0.0817	0.0001	8.0566	0.0149	
2017-01-11 13:15:00	0.3509	5.0098	0.0018	0.0859	0.0000	8.0566	0.0055	
2017-01-11 13:30:00	0.0404	5.0098	0.0002 0.0023	0.0159	0.0000	8.0566	0.0006	
2017-01-11 13:45:00	0.4536 0.1044	5.0098 5.0098	0.0023	0.0165 0.0144	0.0000 0.0000	8.0566 8.0566	0.0071 0.0016	
2017-01-11 14:00:00 2017-01-11 14:15:00	0.6219	5.0098	0.0003	0.0144	0.0000	8.0566	0.0016	
2017-01-11 14:13:00	1.0532	5.0098	0.0051	0.0288	0.0000	8.0566	0.0165	
2017-01-11 14:45:00	0.3296	5.0098	0.0033	0.0000	0.0000	8.0566	0.0163	
2017-01-11 14:45:00	0.6728	5.0098	0.0017	0.0080	0.0000	8.0566	0.0105	
2017-01-11 15:00:00	0.6065	5.0098	0.0030	0.0000	0.0000	8.0566	0.0095	
2017-01-11 15:30:00	0.0982	5.0098	0.0005	0.0000	0.0000	8.0566	0.0033	
2017-01-11 15:45:00	0.4917	5.0098	0.0025	0.0000	0.0000	8.0566	0.0077	
2017-01-11 16:00:00	0.7794	5.0098	0.0039	0.0000	0.0000	8.0566	0.0122	
2017-01-11 16:15:00	0.3906	5.0098	0.0020	0.0000	0.0000	8.0566	0.0061	
2017-01-11 16:30:00	0.4055	5.0098	0.0020	0.0000	0.0000	8.0566	0.0063	
2017-01-11 16:45:00	0.3164	5.0098	0.0016	0.0000	0.0000	8.0566	0.0049	
2017-01-11 17:00:00	0.3417	5.0098	0.0017	0.0000	0.0000	8.0566	0.0053	
2017-01-11 17:15:00	0.9022	5.0098	0.0045	0.0000	0.0000	8.0566	0.0141	
2017-01-11 17:30:00	0.4266	5.0098	0.0021	0.0000	0.0000	8.0566	0.0067	
2017-01-11 17:45:00	0.5088	5.0098	0.0025	0.0000	0.0000	8.0566	0.0080	
2017-01-11 18:00:00	0.5911	5.0098	0.0030	0.0000	0.0000	8.0566	0.0092	
2017-01-11 18:15:00	0.5702	5.0098	0.0029	0.0000	0.0000	8.0566	0.0089	
2017-01-11 18:30:00	0.1812	5.0098	0.0009	0.4747	0.0001	8.0566	0.0028	
2017-01-11 18:45:00	0.0474	5.0098	0.0002	0.0451	0.0000	8.0566	0.0007	
2017-01-11 19:00:00	0.1280	5.0098	0.0006	0.0056	0.0000	8.0566	0.0020	
2017-01-11 19:15:00	0.0786	5.0098	0.0004	0.0000	0.0000	8.0566	0.0012	
2017-01-11 19:30:00	0.0646	5.0098	0.0003	0.0086	0.0000	8.0566	0.0010	
2017-01-11 19:45:00	0.1560	5.0098	0.0008	0.0000	0.0000	8.0566	0.0024	
2017-01-11 20:00:00	0.0785	5.0098	0.0004	0.0000	0.0000	8.0566	0.0012	
2017-01-11 20:15:00	0.0315	5.0098	0.0002	0.0000	0.0000	8.0566	0.0005	
2017-01-11 20:30:00	0.0237	5.0098	0.0001	0.0000	0.0000	8.0566	0.0004	
2017-01-11 20:45:00	0.1197	5.0098	0.0006	0.0000	0.0000	8.0566	0.0019	
2017-01-11 21:00:00	0.2608	5.0098	0.0013	0.0000	0.0000	8.0566	0.0041	
2017-01-11 21:15:00	0.1659	5.0098	0.0008	0.0000	0.0000	8.0566	0.0026	
2017-01-11 21:30:00	0.3389	5.0098	0.0017	0.0000	0.0000	8.0566	0.0053	
2017-01-11 21:45:00	0.3416	5.0098	0.0017	0.0000	0.0000	8.0566	0.0053	
2017-01-11 22:00:00	0.1699	5.0098	0.0009	0.0000	0.0000	8.0566	0.0027	
2017-01-11 22:15:00	0.3294	5.0098	0.0017	0.0000	0.0000	8.0566	0.0051	
2017-01-11 22:30:00	0.1823	5.0098	0.0009	0.0000	0.0000	8.0566	0.0028	
2017-01-11 22:45:00	0.1804	5.0098	0.0009	0.0000	0.0000	8.0566	0.0028	
2017-01-11 23:00:00	0.0181	5.0098	0.0001	0.0000	0.0000	8.0566	0.0003	
2017-01-11 23:15:00	0.1341	5.0098	0.0007	0.0000	0.0000	8.0566	0.0021	
2017-01-11 23:30:00	0.1345	5.0098	0.0007	0.0000	0.0000	8.0566	0.0021	
2017-01-11 23:45:00	0.2056	5.0098	0.0010	0.0000	0.0000	8.0566	0.0032	
2017-01-12 00:00:00	0.1397	5.0098	0.0007	0.0000	0.0000	8.0566	0.0022	
2017-01-12 00:15:00	0.1523	5.0098	0.0008	0.0000	0.0000	8.0566	0.0024	
2017-01-12 00:30:00	0.1315	5.0098	0.0007	0.0000	0.0000	8.0566	0.0021	
2017-01-12 00:45:00	0.1793	5.0098	0.0009	0.0000	0.0000	8.0566	0.0028	
2017-01-12 01:00:00	0.1798	5.0098	0.0009	0.0000	0.0000	8.0566	0.0028	
2017-01-12 01:15:00	0.0792	5.0098	0.0004	0.0000	0.0000	8.0566	0.0012	
2017-01-12 01:30:00	0.1503	5.0098	0.0008	0.0000	0.0000	8.0566	0.0023	
2017-01-12 01:45:00	0.3076	5.0098	0.0015	0.0000	0.0000	8.0566	0.0048	
2017-01-12 02:00:00	0.1882	5.0098	0.0009	0.0000	0.0000	8.0566	0.0029	
2017-01-12 02:15:00	0.3809	5.0098	0.0019	0.0000	0.0000	8.0566	0.0060	
2017-01-12 02:30:00 2017-01-12 02:45:00	0.2780	5.0098	0.0014	0.0000	0.0000	8.0566 8.0566	0.0043	
	0.3596 0.4930	5.0098	0.0018 0.0025	0.0000	0.0000	8.0566 8.0566	0.0056	
2017-01-12 03:00:00		5.0098	0.0025	0.0000	0.0000	8.0566 8.0566	0.0077 0.0052	
2017-01-12 03:15:00 2017-01-12 03:30:00	0.3320 0.1901	5.0098 5.0098	0.0017	0.0000 0.0000	0.0000 0.0000	8.0566 8.0566	0.0052	
2017-01-12 03:30:00	0.1901	5.0098	0.0010	0.0000	0.0000	8.0566	0.0030	
2017-01-12 03:45:00	0.2578	5.0098	0.0012	0.0000	0.0000	8.0566	0.0039	
2017-01-12 04:00:00	0.2578	5.0098	0.0013	0.0000	0.0000	8.0566	0.0040	
2017-01-12 04:13:00	0.1645	5.0098	0.0027	0.0000	0.0000	8.0566	0.0085	
2017-01-12 04:30:00	0.1645	5.0098	0.0008	0.0000	0.0000	8.0566	0.0026	
2017-01-12 04:43:00	0.1367	5.0098	0.0013	0.0000	0.0000	8.0566	0.0042	
2017-01-12 05:00:00	0.1840	5.0098	0.0007	0.0000	0.0000	8.0566	0.0021	
2017-01-12 05:13:00	0.5289	5.0098	0.0009	0.0000	0.0000	8.0566	0.0029	
2017-01-12 05:30:00	0.5386	5.0098	0.0026	0.0000	0.0000	8.0566	0.0083	
. 2017 01 12 03.43.00	0.5300							
	0.1668	5.0098	0.0008	().()()()	().()()()	8.0566	U.UU2h	
2017-01-12 06:00:00 2017-01-12 06:15:00	0.1668 0.3911	5.0098 5.0098	0.0008 0.0020	0.0000 0.0000	0.0000 0.0000	8.0566 8.0566	0.0026 0.0061	

		Point Source Air Emissions - A2 Nitric Acid Stack					
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-12 06:45:00	0.3354	5.0098	0.0017	0.0000	0.0000	8.0566	0.0052
2017-01-12 07:00:00	0.3948	5.0098	0.0020	0.0000	0.0000	8.0566	0.0062
2017-01-12 07:15:00	0.4646	5.0098	0.0023	0.0000	0.0000	8.0566	0.0073
2017-01-12 07:30:00	1.0214	5.0098	0.0051	0.0000	0.0000	8.0566	0.0160
2017-01-12 07:45:00	0.1501	5.0098	0.0008	0.0013	0.0000	8.0566	0.0023
2017-01-12 08:00:00	0.1549	5.0098	0.0008	0.0070	0.0000	8.0566	0.0024
2017-01-12 08:15:00	0.1817	5.0098	0.0009	0.0069	0.0000	8.0566	0.0028
2017-01-12 08:30:00	0.1391	5.0098	0.0007	0.0000	0.0000	8.0566	0.0022
2017-01-12 08:45:00	0.1520	5.0098	0.0008	0.0000	0.0000	8.0566	0.0024
2017-01-12 09:00:00	0.0784	5.0098	0.0004	0.0107	0.0000	8.0566	0.0012
2017-01-12 09:15:00	0.0227	5.0098	0.0001	0.0048	0.0000	8.0566	0.0004
2017-01-12 09:30:00	0.0206	5.0098	0.0001	0.0048	0.0000	8.0566	0.0003
2017-01-12 09:45:00	0.0551	5.0098	0.0003	0.0048	0.0000	8.0566	0.0009
2017-01-12 10:00:00	0.2037	5.0098	0.0010	0.0243	0.0000	8.0566	0.0032
2017-01-12 10:15:00	0.0844	5.0098	0.0004	0.0001	0.0000	8.0566	0.0013
2017-01-12 10:30:00	0.5050	5.0098	0.0025	0.0074	0.0000	8.0566	0.0079
2017-01-12 10:45:00	0.3523	5.0098	0.0018	0.0000	0.0000	8.0566	0.0055
2017-01-12 11:00:00	0.3057	5.0098	0.0015	0.0275	0.0000	8.0566	0.0048
2017-01-12 11:15:00	0.7763	5.0098	0.0039	0.0350	0.0000	8.0566	0.0121
2017-01-12 11:30:00	0.5920	5.0098	0.0030	0.0112	0.0000	8.0566	0.0093
2017-01-12 11:45:00	0.8102	5.0098	0.0041	0.0325	0.0000	8.0566	0.0127
2017-01-12 12:00:00	0.8545	5.0098	0.0043 0.0078	0.0252 0.0265	0.0000 0.0000	8.0566 8.0566	0.0134 0.0244
2017-01-12 12:15:00 2017-01-12 12:30:00	1.5641 0.7696	5.0098 5.0098	0.0078	0.0265	0.0000	8.0566 8.0566	0.0244
2017-01-12 12:30:00 2017-01-12 12:45:00	0.7696 0.4726	5.0098 5.0098	0.0039 0.0024	0.0000	0.0000	8.0566 8.0566	0.0120 0.0074
2017-01-12 12:45:00 2017-01-12 13:00:00	0.4726 0.7125	5.0098	0.0024	0.0070	0.0000	8.0566 8.0566	0.0074
2017-01-12 13:00:00	0.5640	5.0098	0.0038	0.0058	0.0000	8.0566	0.0088
2017-01-12 13:15:00	0.4451	5.0098	0.0028	0.0038	0.0000	8.0566	0.0088
2017-01-12 13:30:00	0.4451	5.0098	0.0022	0.0000	0.0000	8.0566	0.0070
2017-01-12 13:43:00	0.1969	5.0098	0.0013	0.0000	0.0000	8.0566	0.0040
2017-01-12 14:00:00	0.4377	5.0098	0.0010	0.0000	0.0000	8.0566	0.0068
2017-01-12 14:13:00	1.0599	5.0098	0.0053	0.0119	0.0000	8.0566	0.0166
2017-01-12 14:45:00	0.4622	5.0098	0.0033	0.0017	0.0000	8.0566	0.0072
2017-01-12 15:00:00	0.2735	5.0098	0.0014	0.0000	0.0000	8.0566	0.0072
2017-01-12 15:15:00	0.2748	5.0098	0.0014	0.0000	0.0000	8.0566	0.0043
2017-01-12 15:30:00	0.0949	5.0098	0.0005	0.0000	0.0000	8.0566	0.0015
2017-01-12 15:45:00	0.0928	5.0098	0.0005	0.0000	0.0000	8.0566	0.0013
2017-01-12 16:00:00	0.3513	5.0098	0.0018	0.0000	0.0000	8.0566	0.0055
2017-01-12 16:15:00	0.0793	5.0098	0.0004	0.0000	0.0000	8.0566	0.0033
2017-01-12 16:30:00	0.1339	5.0098	0.0007	0.0000	0.0000	8.0566	0.0021
2017-01-12 16:45:00	0.2205	5.0098	0.0011	0.0000	0.0000	8.0566	0.0034
2017-01-12 17:00:00	0.0875	5.0098	0.0004	0.0000	0.0000	8.0566	0.0014
2017-01-12 17:15:00	0.0723	5.0098	0.0004	0.0000	0.0000	8.0566	0.0011
2017-01-12 17:30:00	0.0449	5.0098	0.0002	0.0000	0.0000	8.0566	0.0007
2017-01-12 17:45:00	0.1915	5.0098	0.0010	0.0000	0.0000	8.0566	0.0030
2017-01-12 18:00:00	0.3091	5.0098	0.0015	0.0130	0.0000	8.0566	0.0048
2017-01-12 18:15:00	0.4077	5.0098	0.0020	0.0000	0.0000	8.0566	0.0064
2017-01-12 18:30:00	0.2424	5.0098	0.0012	0.0000	0.0000	8.0566	0.0038
2017-01-12 18:45:00	0.7158	5.0098	0.0036	0.0000	0.0000	8.0566	0.0112
2017-01-12 19:00:00	0.3001	5.0098	0.0015	0.0000	0.0000	8.0566	0.0047
2017-01-12 19:15:00	0.1832	5.0098	0.0009	0.0000	0.0000	8.0566	0.0029
2017-01-12 19:30:00	0.2608	5.0098	0.0013	0.0000	0.0000	8.0566	0.0041
2017-01-12 19:45:00	0.4268	5.0098	0.0021	0.0000	0.0000	8.0566	0.0067
2017-01-12 20:00:00	0.5961	5.0098	0.0030	0.0000	0.0000	8.0566	0.0093
2017-01-12 20:15:00	0.6221	5.0098	0.0031	0.0000	0.0000	8.0566	0.0097
2017-01-12 20:30:00	0.3936	5.0098	0.0020	0.0000	0.0000	8.0566	0.0062
2017-01-12 20:45:00	0.1080	5.0098	0.0005	0.0000	0.0000	8.0566	0.0017
2017-01-12 21:00:00	0.0989	5.0098	0.0005	0.0000	0.0000	8.0566	0.0015
2017-01-12 21:15:00	0.2220	5.0098	0.0011	0.0000	0.0000	8.0566	0.0035
2017-01-12 21:30:00	0.2388	5.0098	0.0012	0.0000	0.0000	8.0566	0.0037
2017-01-12 21:45:00	0.1823	5.0098	0.0009	0.0000	0.0000	8.0566	0.0028
2017-01-12 22:00:00	0.1966	5.0098	0.0010	0.0000	0.0000	8.0566	0.0031
2017-01-12 22:15:00	0.1730	5.0098	0.0009	0.0000	0.0000	8.0566	0.0027
2017-01-12 22:30:00	0.5252	5.0098	0.0026	0.0000	0.0000	8.0566	0.0082
2017-01-12 22:45:00	0.4885	5.0098	0.0024	0.0000	0.0000	8.0566	0.0076
2017-01-12 23:00:00	0.9161	5.0098	0.0046	0.0000	0.0000	8.0566	0.0143
2017-01-12 23:15:00	1.0536	5.0098	0.0053	0.0000	0.0000	8.0566	0.0165
2017-01-12 23:30:00	0.7173	5.0098	0.0036	0.0000	0.0000	8.0566	0.0112
2017-01-12 23:45:00	0.9715	5.0098	0.0049	0.0000	0.0000	8.0566	0.0152
2017-01-13 00:00:00	0.6617	5.0098	0.0033	0.0000	0.0000	8.0566	0.0103
2017-01-13 00:15:00	0.2407	5.0098	0.0012	0.0000	0.0000	8.0566	0.0038
2017-01-13 00:30:00	0.2385	5.0098	0.0012	0.0000	0.0000	8.0566	0.0037
i l	0.1839	5.0098	0.0009	0.0000	0.0000	8.0566	0.0029
2017-01-13 00:45:00	0.1035	3.0098	0.0003				
2017-01-13 00:45:00 2017-01-13 01:00:00	0.1816	5.0098	0.0009	0.0000	0.0000	8.0566	0.0028

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-13 01:30:00	0.8154	5.0098	0.0041	0.0000	0.0000	8.0566	0.0127
2017-01-13 01:45:00	3.1494	5.0098	0.0158	0.0000	0.0000	8.0566	0.0492
2017-01-13 02:00:00	2.3296	5.0098	0.0117	0.0000	0.0000	8.0566	0.0364
2017-01-13 02:15:00 2017-01-13 02:30:00	2.2458 2.5841	5.0098 5.0098	0.0113 0.0129	0.0000 0.0000	0.0000 0.0000	8.0566 8.0566	0.0351 0.0404
2017-01-13 02:30:00	4.0398	5.0098	0.0129	0.0000	0.0000	8.0566	0.0404
2017-01-13 02:43:00	3.3300	5.0098	0.0167	0.0319	0.0001	8.0566	0.0520
2017-01-13 03:15:00	4.5657	5.0098	0.0229	0.1140	0.0005	8.0566	0.0714
2017-01-13 03:30:00	4.6227	5.0098	0.0232	0.1140	0.0005	8.0566	0.0723
2017-01-13 03:45:00	4.8301	5.0098	0.0242	0.1140	0.0006	8.0566	0.0755
2017-01-13 04:00:00	4.8301	5.0098	0.0242	0.1140	0.0006	8.0566	0.0755
2017-01-13 04:15:00	4.8301	5.0098	0.0242	0.1140	0.0006	8.0566	0.0755
2017-01-13 04:30:00	4.8301	5.0098	0.0242	0.1140	0.0006	8.0566	0.0755
2017-01-13 04:45:00	4.5802	5.0098	0.0229	0.1140	0.0005	8.0566	0.0716
2017-01-13 05:00:00	3.8117	5.0098	0.0191	0.1140	0.0004	8.0566	0.0596
2017-01-13 05:15:00	2.5472	5.0098	0.0128	0.1140	0.0003	8.0566	0.0398
2017-01-13 05:30:00 2017-01-13 05:45:00	1.6217 1.1134	5.0098 5.0098	0.0081 0.0056	0.1140 0.1140	0.0002 0.0001	8.0566 8.0566	0.0253 0.0174
2017-01-13 05:45:00	1.1134 3.5462	5.0098	0.0056	0.1140	0.0001	8.0566	0.0174
2017-01-13 06:05:00	3.5554	5.0098	0.0178	0.1140	0.0004	8.0566	0.0556
2017-01-13 06:30:00	3.6630	5.0098	0.0176	0.1140	0.0004	8.0566	0.0573
2017-01-13 06:45:00	4.3651	5.0098	0.0219	0.1140	0.0005	8.0566	0.0682
2017-01-13 07:00:00	4.0548	5.0098	0.0203	0.1140	0.0005	8.0566	0.0634
2017-01-13 07:15:00	3.8018	5.0098	0.0190	0.1140	0.0004	8.0566	0.0594
2017-01-13 07:30:00	3.1645	5.0098	0.0159	0.1140	0.0004	8.0566	0.0495
2017-01-13 07:45:00	2.5377	5.0098	0.0127	0.1140	0.0003	8.0566	0.0397
2017-01-13 08:00:00	2.1475	5.0098	0.0108	0.1140	0.0002	8.0566	0.0336
2017-01-13 08:15:00	1.8936	5.0098	0.0095	0.1140	0.0002	8.0566	0.0296
2017-01-13 08:30:00	1.2482	5.0098	0.0063	0.1140	0.0001	8.0566	0.0195
2017-01-13 08:45:00	1.2209	5.0098	0.0061	0.1140	0.0001	8.0566	0.0191
2017-01-13 09:00:00	0.2163	5.0098	0.0011	0.1140	0.0000	8.0566	0.0034
2017-01-13 09:15:00	0.0000	5.0098	0.0000	0.1140	0.0000	8.0566	0.0000
2017-01-13 09:30:00	0.0000 0.0610	5.0098	0.0000	0.1140	0.0000 0.0000	8.0566 8.0566	0.0000 0.0010
2017-01-13 09:45:00 2017-01-13 10:00:00	0.0610	5.0098 5.0098	0.0003 0.0005	0.1140 0.1140	0.0000	8.0566	0.0010
2017-01-13 10:00:00	0.0365	5.0098	0.0003	0.1140	0.0000	8.0566	0.0016
2017-01-13 10:30:00	0.0185	5.0098	0.0001	0.1140	0.0000	8.0566	0.0003
2017-01-13 10:45:00	0.0616	5.0098	0.0003	0.1140	0.0000	8.0566	0.0010
2017-01-13 11:00:00	0.0000	5.0098	0.0000	0.1140	0.0000	8.0566	0.0000
2017-01-13 11:15:00	0.2564	5.0098	0.0013	0.1140	0.0000	8.0566	0.0040
2017-01-13 11:30:00	0.0000	5.0098	0.0000	0.1140	0.0000	8.0566	0.0000
2017-01-13 11:45:00	0.0186	5.0098	0.0001	0.1140	0.0000	8.0566	0.0003
2017-01-13 12:00:00	0.2739	5.0098	0.0014	0.1140	0.0000	8.0566	0.0043
2017-01-13 12:15:00	0.2105	5.0098	0.0011	0.1140	0.0000	8.0566	0.0033
2017-01-13 12:30:00	0.1044	5.0098	0.0005	0.1140	0.0000	8.0566	0.0016
2017-01-13 12:45:00	0.7767	5.0098	0.0039	0.1140	0.0001	8.0566	0.0121
2017-01-13 13:00:00	0.2285	5.0098	0.0011	0.1140	0.0000	8.0566	0.0036
2017-01-13 13:15:00	0.6517	5.0098	0.0033	0.1140	0.0001	8.0566	0.0102
2017-01-13 13:30:00 2017-01-13 13:45:00	0.9208 1.7687	5.0098 5.0098	0.0046 0.0089	0.1140 0.1140	0.0001 0.0002	8.0566 8.0566	0.0144 0.0276
2017-01-13 13:45:00	1.2229	5.0098	0.0061	0.1140	0.0002	8.0566	0.0276
2017-01-13 14:05:00	1.4242	5.0098	0.0001	0.1140	0.0001	8.0566	0.0191
2017-01-13 14:30:00	0.7934	5.0098	0.0040	0.1140	0.0001	8.0566	0.0124
2017-01-13 14:45:00	2.2856	5.0098	0.0115	0.1140	0.0003	8.0566	0.0357
2017-01-13 15:00:00	2.3938	5.0098	0.0120	0.1140	0.0003	8.0566	0.0374
2017-01-13 15:15:00	2.2260	5.0098	0.0112	0.1140	0.0003	8.0566	0.0348
2017-01-13 15:30:00	0.8745	5.0098	0.0044	0.1140	0.0001	8.0566	0.0137
2017-01-13 15:45:00	0.8897	5.0098	0.0045	0.1140	0.0001	8.0566	0.0139
2017-01-13 16:00:00	1.1132	5.0098	0.0056	0.1140	0.0001	8.0566	0.0174
2017-01-13 16:15:00	0.9271	5.0098	0.0046	0.1140	0.0001	8.0566	0.0145
2017-01-13 16:30:00	1.5560	5.0098	0.0078	0.1140	0.0002	8.0566	0.0243
2017-01-13 16:45:00	2.1650	5.0098	0.0108	0.1140	0.0002	8.0566	0.0338
2017-01-13 17:00:00	2.0520	5.0098	0.0103	0.1140	0.0002	8.0566	0.0321
2017-01-13 17:15:00 2017-01-13 17:30:00	3.2114 2.3221	5.0098 5.0098	0.0161 0.0116	0.1140 0.1140	0.0004 0.0003	8.0566 8.0566	0.0502 0.0363
2017-01-13 17:30:00	2.3221 1.4778	5.0098	0.0116	0.1140	0.0003	8.0566	0.0363
2017-01-13 17:45:00	1.2330	5.0098	0.0074	0.1140	0.0002	8.0566	0.0231
2017-01-13 18:05:00	0.9526	5.0098	0.0048	0.1140	0.0001	8.0566	0.0149
2017-01-13 18:30:00	0.9353	5.0098	0.0047	0.1140	0.0001	8.0566	0.0146
2017-01-13 18:45:00	0.8986	5.0098	0.0045	0.1140	0.0001	8.0566	0.0140
2017-01-13 19:00:00	0.9230	5.0098	0.0046	0.1140	0.0001	8.0566	0.0144
2017-01-13 19:15:00	0.8951	5.0098	0.0045	0.1140	0.0001	8.0566	0.0140
2017-01-13 19:30:00	1.1160	5.0098	0.0056	0.1140	0.0001	8.0566	0.0174
2017-01-13 19:45:00	1.1837	5.0098	0.0059	0.1140	0.0001	8.0566	0.0185
2017-01-13 20:00:00	0.3615	5.0098	0.0018	0.1140	0.0000	8.0566	0.0056

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-13 20:15:00	1.0569	5.0098	0.0053	0.1140	0.0001	8.0566	0.0165
2017-01-13 20:30:00	2.1861	5.0098	0.0110	0.1140	0.0002	8.0566	0.0342
2017-01-13 20:45:00	3.4217	5.0098	0.0171	0.1140	0.0004	8.0566	0.0535
2017-01-13 21:00:00	3.4643	5.0098	0.0174	0.1140	0.0004	8.0566	0.0541
2017-01-13 21:15:00	3.5393	5.0098	0.0177	0.1140	0.0004	8.0566	0.0553
2017-01-13 21:30:00	2.8564	5.0098	0.0143	0.1140	0.0003	8.0566	0.0446
2017-01-13 21:45:00	2.9826	5.0098	0.0149	0.1140	0.0003	8.0566	0.0466
2017-01-13 22:00:00	3.5917	5.0098	0.0180	0.1140	0.0004	8.0566	0.0561
2017-01-13 22:15:00	3.8483	5.0098	0.0193	0.1140	0.0004	8.0566	0.0601
2017-01-13 22:30:00	4.1121	5.0098	0.0206	0.1140	0.0005	8.0566	0.0643
2017-01-13 22:45:00	4.2307	5.0098	0.0212	0.1140	0.0005	8.0566	0.0661
2017-01-13 23:00:00	4.2761	5.0098	0.0214	0.1140	0.0005	8.0566	0.0668
2017-01-13 23:15:00	4.2756	5.0098	0.0214	0.1140	0.0005	8.0566	0.0668
2017-01-13 23:30:00	4.1449	5.0098	0.0208	0.1140	0.0005	8.0566	0.0648
2017-01-13 23:45:00	4.0901	5.0098	0.0205	0.1140	0.0005	8.0566	0.0639
2017-01-14 00:00:00	4.0510	5.0098	0.0203	0.1140	0.0005	8.0566	0.0633
2017-01-14 00:15:00	4.3597	5.0098	0.0218	0.1140	0.0005	8.0566	0.0681
2017-01-14 00:30:00	4.7378	5.0098	0.0237	0.1140	0.0005	8.0566	0.0741
2017-01-14 00:45:00	4.5469	5.0098	0.0228	0.1140	0.0005	8.0566	0.0711
2017-01-14 01:00:00 2017-01-14 01:15:00	4.5891 4.5891	5.0098 5.0098	0.0230 0.0230	0.1140 0.2483	0.0005 0.0011	8.0566 8.0566	0.0717 0.0717
2017-01-14 01:15:00	4.5891 4.5891	5.0098	0.0230	0.2483	0.0011	8.0566	0.0717
2017-01-14 01:30:00	4.5891	5.0098	0.0230	0.1346	0.0006	8.0566	0.0717
2017-01-14 01:45:00	4.5891	5.0098	0.0230	0.1346	0.0006	8.0566	0.0717
2017-01-14 02:00:00	4.5563	5.0098	0.0230	0.1346	0.0006	8.0566	0.0717
2017-01-14 02:30:00	0.8676	5.0098	0.0043	0.1346	0.0001	8.0566	0.0136
2017-01-14 02:45:00	0.7461	5.0098	0.0037	0.1346	0.0001	8.0566	0.0117
2017-01-14 03:00:00	0.2848	5.0098	0.0014	0.1346	0.0000	8.0566	0.0045
2017-01-14 03:15:00	1.1859	5.0098	0.0059	0.1346	0.0002	8.0566	0.0185
2017-01-14 03:30:00	1.3274	5.0098	0.0067	0.1346	0.0002	8.0566	0.0207
2017-01-14 03:45:00	3.4177	5.0098	0.0171	0.1346	0.0005	8.0566	0.0534
2017-01-14 04:00:00	3.7437	5.0098	0.0188	0.1346	0.0005	8.0566	0.0585
2017-01-14 04:15:00	4.0494	5.0098	0.0203	0.1346	0.0005	8.0566	0.0633
2017-01-14 04:30:00	3.2752	5.0098	0.0164	0.1346	0.0004	8.0566	0.0512
2017-01-14 04:45:00	2.5259	5.0098	0.0127	0.1346	0.0003	8.0566	0.0395
2017-01-14 05:00:00	1.6704	5.0098	0.0084	0.1346	0.0002	8.0566	0.0261
2017-01-14 05:15:00	3.9284	5.0098	0.0197	0.1346	0.0005	8.0566	0.0614
2017-01-14 05:30:00	3.5176	5.0098	0.0176	0.1346	0.0005	8.0566	0.0550
2017-01-14 05:45:00	3.7138	5.0098	0.0186	0.1346	0.0005	8.0566	0.0580
2017-01-14 06:00:00	3.5166	5.0098	0.0176	0.1346	0.0005	8.0566	0.0550
2017-01-14 06:15:00	4.1455	5.0098	0.0208	0.1346	0.0006	8.0566	0.0648
2017-01-14 06:30:00	4.3347	5.0098	0.0217	0.1346	0.0006	8.0566	0.0678
2017-01-14 06:45:00	4.3735	5.0098	0.0219	0.1346	0.0006	8.0566	0.0684
2017-01-14 07:00:00	4.3957	5.0098	0.0220	0.1346	0.0006	8.0566	0.0687
2017-01-14 07:15:00	4.3240	5.0098	0.0217	0.1346	0.0006	8.0566	0.0676
2017-01-14 07:30:00	4.3254	5.0098	0.0217	0.1346	0.0006	8.0566	0.0676
2017-01-14 07:45:00	3.7929	5.0098	0.0190	0.1346	0.0005	8.0566	0.0593
2017-01-14 08:00:00	3.1600	5.0098	0.0158	0.1346	0.0004	8.0566	0.0494
2017-01-14 08:15:00	3.8769	5.0098	0.0194	0.1346	0.0005	8.0566	0.0606
2017-01-14 08:30:00	1.8598	5.0098	0.0093	0.1346	0.0003	8.0566	0.0291
2017-01-14 08:45:00	0.9124	5.0098	0.0046	0.1346	0.0001	8.0566	0.0143
2017-01-14 09:00:00	0.2951	5.0098	0.0015	0.1346	0.0000	8.0566	0.0046
2017-01-14 09:15:00	0.8126	5.0098	0.0041	0.1346	0.0001	8.0566	0.0127
2017-01-14 09:30:00	0.3467	5.0098	0.0017	0.1346	0.0000	8.0566	0.0054
2017-01-14 09:45:00	2.0626	5.0098	0.0103	0.1346	0.0003	8.0566	0.0322
2017-01-14 10:00:00	1.2844	5.0098	0.0064	0.1346	0.0002	8.0566	0.0201
2017-01-14 10:15:00	2.5838	5.0098	0.0129	0.1346	0.0003	8.0566	0.0404
2017-01-14 10:30:00	2.7203	5.0098	0.0136	0.1346	0.0004	8.0566	0.0425
2017-01-14 10:45:00	3.0397	5.0098	0.0152	0.1346	0.0004	8.0566	0.0475
2017-01-14 11:00:00	3.4780	5.0098	0.0174	0.1346	0.0005	8.0566	0.0544
2017-01-14 11:15:00	3.4444	5.0098	0.0173	0.1346	0.0005	8.0566	0.0538
2017-01-14 11:30:00	3.6165	5.0098	0.0181	0.1346	0.0005	8.0566	0.0565
2017-01-14 11:45:00	4.1559	5.0098	0.0208	0.1346	0.0006	8.0566	0.0650
2017-01-14 12:00:00	3.8019	5.0098	0.0190	0.1346	0.0005	8.0566	0.0594
2017-01-14 12:15:00	3.2829	5.0098	0.0164	0.1346	0.0004	8.0566	0.0513
2017-01-14 12:30:00	2.0137	5.0098	0.0101	0.1951	0.0004	8.0566	0.0315
2017-01-14 12:45:00	1.0017	5.0098	0.0050	0.2479	0.0002	8.0566	0.0157
2017-01-14 13:00:00	0.7746	5.0098	0.0039	0.2479	0.0002	8.0566	0.0121
2017-01-14 13:15:00	0.0829	5.0098	0.0004	0.2479	0.0000	8.0566	0.0013
2017-01-14 13:30:00	0.2274	5.0098	0.0011	0.1515	0.0000	8.0566	0.0036
2017-01-14 13:45:00	0.2645	5.0098	0.0013	0.1339	0.0000	8.0566	0.0041
2017-01-14 14:00:00	0.1818	5.0098	0.0009	0.1339	0.0000	8.0566	0.0028
2017-01-14 14:15:00	0.1987	5.0098	0.0010	0.1339	0.0000	8.0566	0.0031
2017-01-14 14:30:00	0.1793	5.0098	0.0009	0.1339	0.0000	8.0566	0.0028
2017-01-14 14:45:00	0.2201	5.0098	0.0011	0.1339	0.0000	8.0566	0.0034

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-14 15:00:00	0.2369	5.0098	0.0012	0.1339	0.0000	8.0566	0.0037
2017-01-14 15:15:00	0.0396	5.0098	0.0002	0.1339	0.0000	8.0566	0.0006
2017-01-14 15:30:00	0.0186	5.0098	0.0001	0.1339	0.0000	8.0566	0.0003
2017-01-14 15:45:00	0.2953 0.0954	5.0098 5.0098	0.0015 0.0005	0.1339 0.1339	0.0000 0.0000	8.0566 8.0566	0.0046 0.0015
2017-01-14 16:00:00 2017-01-14 16:15:00	0.0954	5.0098	0.0005	0.1339	0.0000	8.0566	0.0015
2017-01-14 16:30:00	0.2318	5.0098	0.0007	0.1339	0.0000	8.0566	0.0023
2017-01-14 16:45:00	0.1497	5.0098	0.0007	0.1339	0.0000	8.0566	0.0023
2017-01-14 17:00:00	0.1319	5.0098	0.0007	0.1339	0.0000	8.0566	0.0021
2017-01-14 17:15:00	0.4281	5.0098	0.0021	0.1339	0.0001	8.0566	0.0067
2017-01-14 17:30:00	1.3129	5.0098	0.0066	0.1339	0.0002	8.0566	0.0205
2017-01-14 17:45:00	1.8098	5.0098	0.0091	0.1339	0.0002	8.0566	0.0283
2017-01-14 18:00:00	1.4535	5.0098	0.0073	0.1339	0.0002	8.0566	0.0227
2017-01-14 18:15:00	2.7156	5.0098	0.0136	0.1339	0.0004	8.0566	0.0424
2017-01-14 18:30:00	2.1080	5.0098	0.0106	0.1339	0.0003	8.0566	0.0329
2017-01-14 18:45:00	2.3644	5.0098	0.0118	0.1339	0.0003	8.0566	0.0370
2017-01-14 19:00:00 2017-01-14 19:15:00	2.0117 2.6292	5.0098	0.0101	0.1339	0.0003 0.0004	8.0566	0.0314
2017-01-14 19:15:00	3.5732	5.0098 5.0098	0.0132 0.0179	0.1339 0.1339	0.0004	8.0566 8.0566	0.0411 0.0558
2017-01-14 19:45:00	3.5395	5.0098	0.0173	0.1339	0.0005	8.0566	0.0553
2017-01-14 20:00:00	4.7223	5.0098	0.0237	0.1339	0.0006	8.0566	0.0738
2017-01-14 20:15:00	9.3258	5.0098	0.0467	0.0506	0.0005	8.0566	0.1458
2017-01-14 20:30:00	13.7289	5.0098	0.0688	0.0158	0.0002	8.0566	0.2146
2017-01-14 20:45:00	15.1376	5.0098	0.0758	0.0158	0.0002	8.0566	0.2366
2017-01-14 21:00:00	16.0921	5.0098	0.0806	0.0158	0.0003	8.0566	0.2515
2017-01-14 21:15:00	15.2090	5.0098	0.0762	0.0158	0.0002	8.0566	0.2377
2017-01-14 21:30:00	16.4707	5.0098	0.0825	0.0158	0.0003	8.0566	0.2574
2017-01-14 21:45:00	16.6298	5.0098	0.0833	0.0158	0.0003	8.0566	0.2599
2017-01-14 22:00:00	16.0813	5.0098	0.0806	0.0158	0.0003	8.0566	0.2513
2017-01-14 22:15:00	16.6741	5.0098	0.0835	0.0303	0.0005	8.0566	0.2606
2017-01-14 22:30:00	16.4449	5.0098	0.0824	0.0165	0.0003	8.0566	0.2570
2017-01-14 22:45:00	16.0443	5.0098	0.0804	0.0165	0.0003	8.0566	0.2508
2017-01-14 23:00:00 2017-01-14 23:15:00	16.4973 17.1034	5.0098 5.0098	0.0826 0.0857	0.0165 0.0165	0.0003 0.0003	8.0566 8.0566	0.2579 0.2673
2017-01-14 23:30:00	17.3298	5.0098	0.0857	0.0165	0.0003	8.0566	0.2673
2017-01-14 23:45:00	17.1991	5.0098	0.0862	0.0165	0.0003	8.0566	0.2688
2017-01-15 00:00:00	16.8835	5.0098	0.0846	0.0165	0.0003	8.0566	0.2639
2017-01-15 00:15:00	17.0528	5.0098	0.0854	0.0165	0.0003	8.0566	0.2665
2017-01-15 00:30:00	15.4362	5.0098	0.0773	0.0165	0.0003	8.0566	0.2413
2017-01-15 00:45:00	13.9813	5.0098	0.0700	0.0165	0.0002	8.0566	0.2185
2017-01-15 01:00:00	14.4700	5.0098	0.0725	0.0165	0.0002	8.0566	0.2262
2017-01-15 01:15:00	14.7639	5.0098	0.0740	0.0165	0.0002	8.0566	0.2308
2017-01-15 01:30:00	14.3125	5.0098	0.0717	0.0165	0.0002	8.0566	0.2237
2017-01-15 01:45:00	12.6885	5.0098	0.0636	0.0165	0.0002	8.0566	0.1983
2017-01-15 02:00:00	12.6750	5.0098	0.0635	0.0165	0.0002	8.0566	0.1981
2017-01-15 02:15:00	4.6116	5.0098	0.0231	0.0165	0.0001	8.0566	0.0721
2017-01-15 02:30:00	4.4923	5.0098	0.0225	0.0165	0.0001	8.0566	0.0702
2017-01-15 02:45:00 2017-01-15 03:00:00	4.6102 4.1812	5.0098 5.0098	0.0231 0.0209	0.0165 0.0165	0.0001 0.0001	8.0566 8.0566	0.0721 0.0654
2017-01-15 03:00:00	4.1812 3.8609	5.0098	0.0209	0.0165	0.0001	8.0566	0.0654
2017-01-15 03:13:00	3.8298	5.0098	0.0193	0.0165	0.0001	8.0566	0.0599
2017-01-15 03:45:00	4.1717	5.0098	0.0209	0.0165	0.0001	8.0566	0.0652
2017-01-15 04:00:00	5.6988	5.0098	0.0285	0.1013	0.0006	8.0566	0.0891
2017-01-15 04:15:00	7.9888	5.0098	0.0400	0.1298	0.0010	8.0566	0.1249
2017-01-15 04:30:00	8.7961	5.0098	0.0441	0.1298	0.0011	8.0566	0.1375
2017-01-15 04:45:00	7.9525	5.0098	0.0398	0.1298	0.0010	8.0566	0.1243
2017-01-15 05:00:00	6.3689	5.0098	0.0319	0.1298	0.0008	8.0566	0.0995
2017-01-15 05:15:00	6.2514	5.0098	0.0313	0.1298	0.0008	8.0566	0.0977
2017-01-15 05:30:00	8.1897	5.0098	0.0410	0.1298	0.0011	8.0566	0.1280
2017-01-15 05:45:00	9.2019	5.0098	0.0461	0.1298	0.0012	8.0566	0.1438
2017-01-15 06:00:00	7.2993	5.0098	0.0366	0.1298	0.0009	8.0566	0.1141
2017-01-15 06:15:00	7.8321	5.0098	0.0392	0.1298	0.0010	8.0566	0.1224
2017-01-15 06:30:00 2017-01-15 06:45:00	6.4792 1.6487	5.0098 5.0098	0.0325 0.0083	0.1298 0.1298	0.0008 0.0002	8.0566 8.0566	0.1013 0.0258
2017-01-15 06:45:00	1.6487	5.0098	0.0083	0.1298	0.0002	8.0566	0.0258
2017-01-15 07:15:00	2.8852	5.0098	0.0145	0.1298	0.0001	8.0566	0.0168
2017-01-15 07:30:00	8.2292	5.0098	0.0412	0.1298	0.0011	8.0566	0.1286
2017-01-15 07:45:00	7.8531	5.0098	0.0393	0.1298	0.0010	8.0566	0.1227
2017-01-15 08:00:00	8.8064	5.0098	0.0441	0.1298	0.0011	8.0566	0.1376
2017-01-15 08:15:00	6.1785	5.0098	0.0310	0.1298	0.0008	8.0566	0.0966
2017-01-15 08:30:00	4.6893	5.0098	0.0235	0.1298	0.0006	8.0566	0.0733
2017-01-15 08:45:00	4.4600	5.0098	0.0223	0.1298	0.0006	8.0566	0.0697
2017-01-15 09:00:00	4.7643	5.0098	0.0239	0.1298	0.0006	8.0566	0.0745
2017 01 15 00:15:00	4.8880	5.0098	0.0245	0.1298	0.0006	8.0566	0.0764
2017-01-15 09:15:00 2017-01-15 09:30:00	4.8880	5.0098	0.0241				0.0752

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-01-15 09:45:00	5.0041	5.0098	0.0251	0.1298	0.0006	8.0566	0.0782	
2017-01-15 10:00:00	4.4623	5.0098	0.0224	0.1298	0.0006	8.0566	0.0697	
2017-01-15 10:15:00	4.8586	5.0098	0.0243	0.1298	0.0006	8.0566	0.0759	
2017-01-15 10:30:00	4.7288	5.0098	0.0237	0.1298	0.0006	8.0566	0.0739	
2017-01-15 10:45:00	3.5490	5.0098	0.0178	0.1298	0.0005	8.0566	0.0555	
2017-01-15 11:00:00	2.0636	5.0098	0.0103	0.1298	0.0003	8.0566	0.0323	
2017-01-15 11:15:00	1.2066	5.0098	0.0060	0.1298	0.0002	8.0566	0.0189	
2017-01-15 11:30:00	0.8412	5.0098	0.0042	0.1298	0.0001	8.0566	0.0131	
2017-01-15 11:45:00	0.3005	5.0098	0.0015	0.1298	0.0000	8.0566	0.0047	
2017-01-15 12:00:00	0.2852	5.0098	0.0014	0.1298	0.0000	8.0566	0.0045	
2017-01-15 12:15:00	0.7576	5.0098	0.0038	0.1298	0.0001	8.0566	0.0118	
2017-01-15 12:30:00	0.8993	5.0098	0.0045	0.1298	0.0001	8.0566	0.0141	
2017-01-15 12:45:00	1.0591	5.0098	0.0053	0.1298	0.0001	8.0566	0.0166	
2017-01-15 13:00:00	1.1143	5.0098	0.0056	0.1298	0.0001	8.0566	0.0174	
2017-01-15 13:15:00	0.7441	5.0098	0.0037	0.1298	0.0001	8.0566	0.0116	
2017-01-15 13:30:00	1.0248	5.0098	0.0051	0.1298	0.0001	8.0566	0.0160	
2017-01-15 13:45:00	1.8151	5.0098	0.0091	0.1298	0.0002	8.0566	0.0284	
2017-01-15 14:00:00	1.8303	5.0098	0.0092	0.1298	0.0002	8.0566	0.0286	
2017-01-15 14:15:00	1.7838	5.0098	0.0089	0.1298	0.0002	8.0566	0.0279	
2017-01-15 14:30:00	0.9560	5.0098	0.0048	0.1298	0.0001	8.0566	0.0149	
2017-01-15 14:45:00	1.1305	5.0098	0.0057	0.1298	0.0001	8.0566	0.0177	
2017-01-15 15:00:00	1.8438	5.0098	0.0092	0.1298	0.0002	8.0566	0.0288	
2017-01-15 15:15:00	1.4984	5.0098	0.0075 0.0095	0.1298 0.1298	0.0002	8.0566	0.0234 0.0297	
2017-01-15 15:30:00 2017-01-15 15:45:00	1.8972 1.7904	5.0098 5.0098	0.0095	0.1298 0.1298	0.0002 0.0002	8.0566 8.0566	0.0297	
2017-01-15 15:45:00	1.6332	5.0098	0.0090	0.1298	0.0002	8.0566	0.0280	
2017-01-15 16:00:00		5.0098	0.0082	0.1298	0.0002	8.0566	0.0255	
2017-01-15 16:15:00	1.4396 1.5927	5.0098	0.0072	0.1298	0.0002	8.0566	0.0223	
2017-01-15 16:30:00	2.0582	5.0098	0.0103	0.1298	0.0002	8.0566	0.0249	
2017-01-15 17:00:00	2.6319	5.0098	0.0103	0.1298	0.0003	8.0566	0.0322	
2017-01-15 17:00:00	2.6514	5.0098	0.0132	0.1298	0.0003	8.0566	0.0411	
2017-01-15 17:13:00	3.7388	5.0098	0.0133	0.1298	0.0005	8.0566	0.0584	
2017-01-15 17:45:00	3.1586	5.0098	0.0158	0.1298	0.0003	8.0566	0.0494	
2017-01-15 18:00:00	2.7376	5.0098	0.0137	0.1298	0.0004	8.0566	0.0428	
2017-01-15 18:15:00	1.9925	5.0098	0.0100	0.1298	0.0003	8.0566	0.0311	
2017-01-15 18:30:00	1.4025	5.0098	0.0070	0.1298	0.0002	8.0566	0.0219	
2017-01-15 18:45:00	1.4280	5.0098	0.0072	0.1298	0.0002	8.0566	0.0223	
2017-01-15 19:00:00	2.0456	5.0098	0.0102	0.1298	0.0003	8.0566	0.0320	
2017-01-15 19:15:00	3.3081	5.0098	0.0166	0.1298	0.0004	8.0566	0.0517	
2017-01-15 19:30:00	3.6864	5.0098	0.0185	0.1298	0.0005	8.0566	0.0576	
2017-01-15 19:45:00	4.0314	5.0098	0.0202	0.1298	0.0005	8.0566	0.0630	
2017-01-15 20:00:00	4.0473	5.0098	0.0203	0.1298	0.0005	8.0566	0.0633	
2017-01-15 20:15:00	3.7952	5.0098	0.0190	0.1298	0.0005	8.0566	0.0593	
2017-01-15 20:30:00	4.2182	5.0098	0.0211	0.1298	0.0005	8.0566	0.0659	
2017-01-15 20:45:00	4.1942	5.0098	0.0210	0.1298	0.0005	8.0566	0.0656	
2017-01-15 21:00:00	4.3079	5.0098	0.0216	0.1298	0.0006	8.0566	0.0673	
2017-01-15 21:15:00	4.0513	5.0098	0.0203	0.1298	0.0005	8.0566	0.0633	
2017-01-15 21:30:00	4.2008	5.0098	0.0210	0.1298	0.0005	8.0566	0.0657	
2017-01-15 21:45:00	4.1378	5.0098	0.0207	0.1298	0.0005	8.0566	0.0647	
2017-01-15 22:00:00	3.7575	5.0098	0.0188	0.1298	0.0005	8.0566	0.0587	
2017-01-15 22:15:00	2.8358	5.0098	0.0142	0.1298	0.0004	8.0566	0.0443	
2017-01-15 22:30:00	1.7327	5.0098	0.0087	0.1298	0.0002	8.0566	0.0271	
2017-01-15 22:45:00	2.0155	5.0098	0.0101	0.1298	0.0003	8.0566	0.0315	
2017-01-15 23:00:00	3.4313	5.0098	0.0172	0.1298	0.0004	8.0566	0.0536	
2017-01-15 23:15:00	3.2647	5.0098	0.0164	0.1298	0.0004	8.0566	0.0510	
2017-01-15 23:30:00	3.5511	5.0098	0.0178	0.1298	0.0005	8.0566	0.0555	
2017-01-15 23:45:00	4.0992	5.0098	0.0205	0.1298	0.0005	8.0566	0.0641	
2017-01-16 00:00:00	4.3958	5.0098	0.0220	0.1298	0.0006	8.0566	0.0687	
2017-01-16 00:15:00	4.3826	5.0098	0.0220	0.1298	0.0006	8.0566	0.0685	
2017-01-16 00:30:00	3.7622	5.0098	0.0188	0.1298	0.0005	8.0566	0.0588	
2017-01-16 00:45:00	4.1620	5.0098	0.0209	0.1298	0.0005	8.0566	0.0651	
2017-01-16 01:00:00	4.3637	5.0098	0.0219	0.1298	0.0006	8.0566	0.0682	
2017-01-16 01:15:00	4.3637	5.0098	0.0219	0.1298	0.0006	8.0566	0.0682	
2017-01-16 01:30:00	4.0702	5.0098	0.0204	0.1298	0.0005	8.0566	0.0636	
2017-01-16 01:45:00	4.4496	5.0098	0.0223	0.1298	0.0006	8.0566	0.0695	
2017-01-16 02:00:00	4.4496	5.0098	0.0223	0.1298	0.0006	8.0566	0.0695	
2017-01-16 02:15:00	4.4496	5.0098	0.0223	0.1298	0.0006	8.0566	0.0695	
2017-01-16 02:30:00	4.4496	5.0098	0.0223	0.1298	0.0006	8.0566	0.0695	
2017-01-16 02:45:00	4.4496	5.0098	0.0223	0.1298	0.0006	8.0566	0.0695	
2017-01-16 03:00:00	4.4496	5.0098	0.0223	0.1298	0.0006	8.0566	0.0695	
2017-01-16 03:15:00	4.4496	5.0098	0.0223	0.1298	0.0006	8.0566	0.0695	
	4.4406	5.0098	0.0223	0.1298	0.0006	8.0566	0.0695	
2017-01-16 03:30:00	4.4496	3.0030						
2017-01-16 03:30:00 2017-01-16 03:45:00	4.4496	5.0098	0.0223	0.1298	0.0006	8.0566	0.0695	
				0.1298 0.1298	0.0006 0.0006	8.0566 8.0566	0.0695 0.0695	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-16 04:30:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 04:45:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 05:00:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 05:15:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 05:30:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 05:45:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 06:00:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 06:15:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 06:30:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 06:45:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 07:00:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 07:15:00	4.9078	5.0098	0.0246	0.1298	0.0006	8.0566	0.0767
2017-01-16 07:30:00	5.3344	5.0098	0.0267	0.1580	0.0008	8.0566	0.0834
2017-01-16 07:45:00	5.9316	5.0098	0.0297	0.2451	0.0015	8.0566	0.0927
2017-01-16 08:00:00	5.9316	5.0098	0.0297	0.2451	0.0015	8.0566	0.0927
2017-01-16 08:15:00	9.4745	5.0098	0.0475	0.2144	0.0020	8.0566	0.1481
2017-01-16 08:30:00	15.2407	5.0098	0.0764	0.1318	0.0020	8.0566	0.2382
2017-01-16 08:45:00	19.5231	5.0098	0.0978	0.1267	0.0025	8.0566	0.3051
2017-01-16 09:00:00	20.7937	5.0098	0.1042	0.0137	0.0003	8.0566	0.3250
2017-01-16 09:15:00	20.9149	5.0098	0.1048	0.0169	0.0004	8.0566	0.3269
2017-01-16 09:30:00	20.9061	5.0098	0.1047	0.1311	0.0027	8.0566	0.3268
2017-01-16 09:45:00	20.2562	5.0098	0.1015	0.1253	0.0025	8.0566	0.3166
2017-01-16 10:00:00 2017-01-16 10:15:00	20.1267 19.9430	5.0098	0.1008 0.0999	0.1298 0.1298	0.0026 0.0026	8.0566	0.3146
2017-01-16 10:15:00 2017-01-16 10:30:00	19.9430 19.9430	5.0098 5.0098	0.0999	0.1298	0.0026	8.0566 8.0566	0.3117 0.3117
2017-01-16 10:30:00	19.9430	5.0098	0.1001	0.1298	0.0026	8.0566	0.3117
2017-01-16 10:45:00	19.8815	5.0098	0.1001	0.1929	0.0039	8.0566	0.3122
2017-01-16 11:15:00	19.7732	5.0098	0.0991	0.1599	0.0033	8.0566	0.3091
2017-01-16 11:30:00	19.7793	5.0098	0.0991	0.1182	0.0032	8.0566	0.3091
2017-01-16 11:45:00	20.0764	5.0098	0.1006	0.0961	0.0023	8.0566	0.3138
2017-01-16 12:00:00	19.9788	5.0098	0.1000	0.2463	0.0019	8.0566	0.3138
2017-01-16 12:15:00	19.9621	5.0098	0.1001	0.1082	0.0022	8.0566	0.3120
2017-01-16 12:30:00	20.0058	5.0098	0.1002	0.0961	0.0019	8.0566	0.3127
2017-01-16 12:45:00	20.0387	5.0098	0.1004	0.1169	0.0023	8.0566	0.3132
2017-01-16 13:00:00	19.9492	5.0098	0.0999	0.1147	0.0023	8.0566	0.3118
2017-01-16 13:15:00	19.9892	5.0098	0.1001	0.1054	0.0021	8.0566	0.3124
2017-01-16 13:30:00	19.9278	5.0098	0.0998	0.1016	0.0020	8.0566	0.3115
2017-01-16 13:45:00	19.9134	5.0098	0.0998	0.0934	0.0019	8.0566	0.3112
2017-01-16 14:00:00	19.8271	5.0098	0.0993	0.0982	0.0019	8.0566	0.3099
2017-01-16 14:15:00	19.9536	5.0098	0.1000	0.1257	0.0025	8.0566	0.3119
2017-01-16 14:30:00	19.9876	5.0098	0.1001	0.1901	0.0038	8.0566	0.3124
2017-01-16 14:45:00	20.0698	5.0098	0.1005	0.2080	0.0042	8.0566	0.3137
2017-01-16 15:00:00	20.0373	5.0098	0.1004	0.2484	0.0050	8.0566	0.3132
2017-01-16 15:15:00	20.0043	5.0098	0.1002	0.1835	0.0037	8.0566	0.3127
2017-01-16 15:30:00	20.0123	5.0098	0.1003	0.0788	0.0016	8.0566	0.3128
2017-01-16 15:45:00	19.9185	5.0098	0.0998	0.0736	0.0015	8.0566	0.3113
2017-01-16 16:00:00	19.9982	5.0098	0.1002	0.1554	0.0031	8.0566	0.3126
2017-01-16 16:15:00	20.1455	5.0098	0.1009	0.0945	0.0019	8.0566	0.3149
2017-01-16 16:30:00	20.0723	5.0098	0.1006	0.0729	0.0015	8.0566	0.3137
2017-01-16 16:45:00	20.1840	5.0098	0.1011	0.1312	0.0026	8.0566	0.3155
2017-01-16 17:00:00	20.0854	5.0098	0.1006	0.0528	0.0011	8.0566	0.3139
2017-01-16 17:15:00	20.0442	5.0098	0.1004	0.0733	0.0015	8.0566	0.3133
2017-01-16 17:30:00	20.0673	5.0098	0.1005	0.8024	0.0161	8.0566	0.3136
2017-01-16 17:45:00	20.1897	5.0098	0.1011	0.6653	0.0134	8.0566	0.3156
2017-01-16 18:00:00	20.0308	5.0098	0.1003	0.2010	0.0040	8.0566	0.3131
2017-01-16 18:15:00	20.0216	5.0098	0.1003	0.1662	0.0033	8.0566	0.3129
2017-01-16 18:30:00	19.8707	5.0098	0.0995	0.0952	0.0019	8.0566	0.3106
2017-01-16 18:45:00	19.8979	5.0098	0.0997	0.0966	0.0019	8.0566	0.3110
2017-01-16 19:00:00	19.8990	5.0098	0.0997	0.0543	0.0011	8.0566	0.3110
2017-01-16 19:15:00	19.8712	5.0098	0.0996	0.0639	0.0013	8.0566	0.3106
2017-01-16 19:30:00	19.8806	5.0098	0.0996	0.0652	0.0013	8.0566	0.3107
2017-01-16 19:45:00	19.8978	5.0098	0.0997	0.0663	0.0013	8.0566	0.3110
2017-01-16 20:00:00	19.9099	5.0098	0.0997	0.0735	0.0015	8.0566	0.3112
2017-01-16 20:15:00	19.9834	5.0098	0.1001	0.0908	0.0018	8.0566	0.3123
2017-01-16 20:30:00	19.8310	5.0098	0.0993	0.0233	0.0005	8.0566	0.3100
2017-01-16 20:45:00	19.9363	5.0098	0.0999	0.0452	0.0009	8.0566	0.3116
2017-01-16 21:00:00	19.9010	5.0098	0.0997	0.0861	0.0017	8.0566	0.3110
2017-01-16 21:15:00	19.9105	5.0098	0.0997	0.0865	0.0017	8.0566	0.3112
2017-01-16 21:30:00	19.9553	5.0098	0.1000	0.0865	0.0017	8.0566	0.3119
2017-01-16 21:45:00	19.8799	5.0098	0.0996	0.0865	0.0017	8.0566	0.3107
2017-01-16 22:00:00	19.8376	5.0098	0.0994	0.0865	0.0017	8.0566	0.3101
2017-01-16 22:15:00	19.8849	5.0098	0.0996	0.0865	0.0017	8.0566	0.3108
2017-01-16 22:30:00	19.9472	5.0098	0.0999	0.0865	0.0017	8.0566	0.3118
2017-01-16 22:45:00	19.8558	5.0098	0.0995 0.0997	0.0865 0.0865	0.0017 0.0017	8.0566	0.3103
2017-01-16 23:00:00	19.9088	5.0098				8.0566	0.3112

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-16 23:15:00	19.9374	5.0098	0.0999	0.0910	0.0018	8.0566	0.3116
2017-01-16 23:30:00	19.8619	5.0098	0.0995	0.1071	0.0021	8.0566	0.3104
2017-01-16 23:45:00	22.8956	5.0098	0.1147	0.1071	0.0025	8.0566	0.3579
2017-01-17 00:00:00	26.2339	5.0098	0.1314	0.1071	0.0028	8.0566	0.4100
2017-01-17 00:15:00	27.3787	5.0098	0.1372	0.1071	0.0029	8.0566	0.4279
2017-01-17 00:30:00	27.6095	5.0098	0.1383	0.1071	0.0030	8.0566	0.4315
2017-01-17 00:45:00	28.2065	5.0098	0.1413	0.1071	0.0030 0.0030	8.0566 8.0566	0.4409
2017-01-17 01:00:00 2017-01-17 01:15:00	28.3385 28.5462	5.0098 5.0098	0.1420 0.1430	0.1071 0.1071	0.0030	8.0566	0.4429 0.4462
2017-01-17 01:13:00	28.4564	5.0098	0.1436	0.1071	0.0031	8.0566	0.4448
2017-01-17 01:35:00	28.5025	5.0098	0.1428	0.1071	0.0031	8.0566	0.4455
2017-01-17 02:00:00	28.4361	5.0098	0.1425	0.1071	0.0030	8.0566	0.4445
2017-01-17 02:15:00	28.4530	5.0098	0.1425	0.1071	0.0030	8.0566	0.4447
2017-01-17 02:30:00	28.4690	5.0098	0.1426	0.1071	0.0030	8.0566	0.4450
2017-01-17 02:45:00	27.9909	5.0098	0.1402	0.1071	0.0030	8.0566	0.4375
2017-01-17 03:00:00	26.3481	5.0098	0.1320	0.1071	0.0028	8.0566	0.4118
2017-01-17 03:15:00	26.1072	5.0098	0.1308	0.1071	0.0028	8.0566	0.4081
2017-01-17 03:30:00	25.0752	5.0098	0.1256	0.1071	0.0027	8.0566	0.3919
2017-01-17 03:45:00	23.6128	5.0098	0.1183	0.1071	0.0025	8.0566	0.3691
2017-01-17 04:00:00	23.3181	5.0098	0.1168	0.1071	0.0025	8.0566	0.3645
2017-01-17 04:15:00	23.2829	5.0098	0.1166	0.1071	0.0025	8.0566	0.3639
2017-01-17 04:30:00	23.3590	5.0098	0.1170	0.1071	0.0025	8.0566	0.3651
2017-01-17 04:45:00	23.4532	5.0098	0.1175	0.2737	0.0064	8.0566	0.3666
2017-01-17 05:00:00	23.4355	5.0098	0.1174	0.0000	0.0000	8.0566	0.3663
2017-01-17 05:15:00	23.4155	5.0098	0.1173	0.0000	0.0000	8.0566	0.3660
2017-01-17 05:30:00	23.3663	5.0098	0.1171	0.0078	0.0002	8.0566	0.3652
2017-01-17 05:45:00	23.3841	5.0098	0.1171	0.0014	0.0000	8.0566	0.3655
2017-01-17 06:00:00	23.4338	5.0098	0.1174	0.0014	0.0000	8.0566	0.3663
2017-01-17 06:15:00	23.3747	5.0098	0.1171	0.0014	0.0000	8.0566	0.3653
2017-01-17 06:30:00 2017-01-17 06:45:00	23.3703 23.4966	5.0098 5.0098	0.1171 0.1177	0.0014 0.0014	0.0000 0.0000	8.0566 8.0566	0.3653 0.3672
2017-01-17 00:43:00	23.4622	5.0098	0.1177	0.0014	0.0002	8.0566	0.3667
2017-01-17 07:00:00	23.5272	5.0098	0.1179	0.0204	0.0002	8.0566	0.3677
2017-01-17 07:30:00	23.5421	5.0098	0.1179	0.0293	0.0007	8.0566	0.3680
2017-01-17 07:45:00	23.3377	5.0098	0.1169	0.0874	0.0020	8.0566	0.3648
2017-01-17 08:00:00	23.3557	5.0098	0.1170	0.1085	0.0025	8.0566	0.3650
2017-01-17 08:15:00	23.4499	5.0098	0.1175	0.0147	0.0003	8.0566	0.3665
2017-01-17 08:30:00	23.5104	5.0098	0.1178	0.0483	0.0011	8.0566	0.3675
2017-01-17 08:45:00	23.3566	5.0098	0.1170	0.0665	0.0016	8.0566	0.3651
2017-01-17 09:00:00	23.2635	5.0098	0.1165	0.0342	0.0008	8.0566	0.3636
2017-01-17 09:15:00	23.1973	5.0098	0.1162	0.1025	0.0024	8.0566	0.3626
2017-01-17 09:30:00	23.4576	5.0098	0.1175	0.1015	0.0024	8.0566	0.3666
2017-01-17 09:45:00	23.4000	5.0098	0.1172	0.0490	0.0011	8.0566	0.3657
2017-01-17 10:00:00	23.4558	5.0098	0.1175	0.0623	0.0015	8.0566	0.3666
2017-01-17 10:15:00	23.2432	5.0098	0.1164	0.0870	0.0020	8.0566	0.3633
2017-01-17 10:30:00	23.1894	5.0098	0.1162	0.0499	0.0012	8.0566	0.3624
2017-01-17 10:45:00	23.2360	5.0098	0.1164	0.0521	0.0012	8.0566	0.3632
2017-01-17 11:00:00	23.1697	5.0098	0.1161	0.0651	0.0015	8.0566	0.3621
2017-01-17 11:15:00	23.3282	5.0098	0.1169	0.0850	0.0020	8.0566	0.3646
2017-01-17 11:30:00 2017-01-17 11:45:00	23.3151 23.2452	5.0098 5.0098	0.1168 0.1165	0.1298 0.1000	0.0030 0.0023	8.0566 8.0566	0.3644 0.3633
2017-01-17 11:45:00	23.2452	5.0098	0.1163	0.1000	0.0023	8.0566	0.3633
2017-01-17 12:00:00	23.2511	5.0098	0.1165	0.1115	0.0031	8.0566	0.3634
2017-01-17 12:30:00	23.2093	5.0098	0.1163	0.1063	0.0025	8.0566	0.3628
2017-01-17 12:45:00	23.2698	5.0098	0.1166	0.0667	0.0016	8.0566	0.3637
2017-01-17 13:00:00	23.2082	5.0098	0.1163	0.0729	0.0017	8.0566	0.3627
2017-01-17 13:15:00	23.2208	5.0098	0.1163	0.0861	0.0020	8.0566	0.3629
2017-01-17 13:30:00	23.2901	5.0098	0.1167	0.1152	0.0027	8.0566	0.3640
2017-01-17 13:45:00	23.3238	5.0098	0.1168	0.0476	0.0011	8.0566	0.3645
2017-01-17 14:00:00	23.3431	5.0098	0.1169	0.0827	0.0019	8.0566	0.3648
2017-01-17 14:15:00	23.4211	5.0098	0.1173	0.0774	0.0018	8.0566	0.3661
2017-01-17 14:30:00	23.4636	5.0098	0.1175	0.0765	0.0018	8.0566	0.3667
2017-01-17 14:45:00	23.3785	5.0098	0.1171	0.0941	0.0022	8.0566	0.3654
2017-01-17 15:00:00	23.3124	5.0098	0.1168	0.0621	0.0014	8.0566	0.3644
2017-01-17 15:15:00	23.3892	5.0098	0.1172	0.0456	0.0011	8.0566	0.3656
2017-01-17 15:30:00	23.3695	5.0098	0.1171	0.1541	0.0036	8.0566	0.3653
2017-01-17 15:45:00	23.3199	5.0098	0.1168	0.0214	0.0005	8.0566	0.3645
2017-01-17 16:00:00	23.4968	5.0098	0.1177	0.0021	0.0000	8.0566	0.3673
2017-01-17 16:15:00	23.5382	5.0098	0.1179	0.0786	0.0018	8.0566	0.3679
2017-01-17 16:30:00	23.4119	5.0098	0.1173	0.0635	0.0015	8.0566	0.3659
2017-01-17 16:45:00	23.5196	5.0098	0.1178	0.0000	0.0000	8.0566 8.0566	0.3676
2017-01-17 17:00:00	23.6428	5.0098	0.1184	0.0000	0.0000	8.0566 8.0566	0.3695
2017-01-17 17:15:00 2017-01-17 17:30:00	23.6158 23.5440	5.0098 5.0098	0.1183 0.1179	0.0000	0.0000 0.0000	8.0566 8.0566	0.3691 0.3680
2017-01-17 17:30:00	23.6035	5.0098	0.1179	0.3187	0.0000	8.0566	0.3689
1 201, 01 1, 17,43,00	1 23.0033	3.0036	I 3.1102	3.310/	3.0073	3.0500	1 0.3003

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-17 18:00:00	23.4535	5.0098	0.1175	0.0973	0.0023	8.0566	0.3666
2017-01-17 18:15:00	23.5306	5.0098	0.1179	0.2539	0.0060	8.0566	0.3678
2017-01-17 18:30:00	23.4799	5.0098	0.1176	0.1250	0.0029	8.0566	0.3670
2017-01-17 18:45:00	23.5154	5.0098	0.1178	0.0701	0.0016	8.0566	0.3675
2017-01-17 19:00:00	23.5226	5.0098	0.1178	0.1769	0.0042	8.0566	0.3677
2017-01-17 19:15:00	25.1531	5.0098	0.1260	0.0266	0.0007	8.0566	0.3931
2017-01-17 19:30:00	27.3096	5.0098	0.1368	0.0094	0.0003	8.0566	0.4268
2017-01-17 19:45:00 2017-01-17 20:00:00	28.1111 28.1507	5.0098 5.0098	0.1408 0.1410	0.0000 0.0481	0.0000 0.0014	8.0566 8.0566	0.4394 0.4400
2017-01-17 20:00:00	28.0300	5.0098	0.1410	0.0481	0.0014	8.0566	0.4400
2017-01-17 20:30:00	28.1791	5.0098	0.1404	0.0313	0.0014	8.0566	0.4404
2017-01-17 20:45:00	28.1606	5.0098	0.1412	0.0048	0.0013	8.0566	0.4401
2017-01-17 21:00:00	28.0996	5.0098	0.1411	0.0245	0.0007	8.0566	0.4392
2017-01-17 21:05:00	28.1643	5.0098	0.1408	0.0339	0.0010	8.0566	0.4402
2017-01-17 21:30:00	28.1842	5.0098	0.1412	0.0295	0.0008	8.0566	0.4405
2017-01-17 21:45:00	28.2074	5.0098	0.1413	0.0295	0.0008	8.0566	0.4409
2017-01-17 22:00:00	28.3219	5.0098	0.1419	0.0494	0.0014	8.0566	0.4427
2017-01-17 22:15:00	28.2514	5.0098	0.1415	0.0331	0.0009	8.0566	0.4416
2017-01-17 22:30:00	28.4452	5.0098	0.1415	0.1201	0.0034	8.0566	0.4446
2017-01-17 22:45:00	28.5518	5.0098	0.1420	0.0872	0.0025	8.0566	0.4463
2017-01-17 22:43:00	26.5221	28.1841	0.7475	0.0905	0.0023	213.3654	10.9782
2017-01-17 23:15:00	26.6862	497.1711	13.2676	0.2606	0.0024	59.4028	3.0754
2017-01-17 23:30:00	8.7982	365.4680	3.2155	0.9915	0.0087	12.0850	0.2063
2017-01-17 23:45:00	0.0000	170.6731	0.0000	10.5636	0.0000	12.0850	0.0000
2017-01-18 00:00:00	0.0000	70.9383	0.0000	11.2500	0.0000	12.0850	0.0000
2017-01-18 00:15:00	0.0000	94.4508	0.0000	11.2500	0.0000	12.0850	0.0000
2017-01-18 00:30:00	0.0000	70.9383	0.0000	11.2500	0.0000	12.0850	0.0000
2017-01-18 00:45:00	0.0000	82.7604	0.0000	10.0222	0.0000	12.0850	0.0000
2017-01-18 01:00:00	2.9025	346.1846	1.0048	0.7396	0.0021	12.0850	0.0680
2017-01-18 01:15:00	13.8642	59.9168	0.8307	0.1964	0.0027	12.0850	0.3250
2017-01-18 01:30:00	18.7264	35.3756	0.6625	0.2678	0.0050	12.0850	0.4390
2017-01-18 01:45:00	23.0658	39.0869	0.9016	0.2747	0.0063	12.0850	0.5408
2017-01-18 02:00:00	28.0880	269.2727	7.5633	0.0731	0.0021	12.0850	0.6585
2017-01-18 02:15:00	28.4587	206.8301	5.8861	0.0453	0.0013	12.0850	0.6672
2017-01-18 02:30:00	28.5199	54.8736	1.5650	0.0453	0.0013	12.0850	0.6686
2017-01-18 02:45:00	28.6905	76.5492	2.1962	0.0453	0.0013	12.0850	0.6726
2017-01-18 03:00:00	28.7519	64.8664	1.8650	0.0453	0.0013	12.0850	0.6741
2017-01-18 03:15:00	28.6875	43.4848	1.2475	0.0157	0.0005	12.0850	0.6726
2017-01-18 03:30:00	29.4972	906.1546	26.7290	0.0107	0.0003	208.6678	11.9409
2017-01-18 03:45:00	29.1370	1301.6288	37.9255	0.0185	0.0005	39.8132	2.2505
2017-01-18 04:00:00	29.3966	283.9551	8.3473	0.2630	0.0077	32.2266	1.8379
2017-01-18 04:15:00	29.6972	155.1424	4.6073	4.7180	0.1401	33.9554	1.9563
2017-01-18 04:30:00	29.8373	97.2062	2.9004	5.0646	0.1511	47.3328	2.7398
2017-01-18 04:45:00	29.7705	64.2519	1.9128	2.4454	0.0728	47.3328	2.7337
2017-01-18 05:00:00	29.7140	48.8953	1.4529	2.2264	0.0662	42.8513	2.4702
2017-01-18 05:15:00	29.7533	26.9129	0.8007	3.0937	0.0920	32.2266	1.8602
2017-01-18 05:30:00	29.7841	16.0313	0.4775	4.7967	0.1429	32.2266	1.8621
2017-01-18 05:45:00	29.6966	16.0313	0.4761	4.2067	0.1249	32.2266	1.8566
2017-01-18 06:00:00	29.4222	16.0313	0.4717	0.7398	0.0218	32.2266	1.8395
2017-01-18 06:15:00	29.4719	52.6600	1.5520	0.2411	0.0071	32.2266	1.8426
2017-01-18 06:30:00	29.4189	113.2608	3.3320	0.2024	0.0060	32.2266	1.8393
2017-01-18 06:45:00	29.4420	115.0242	3.3865	0.1965	0.0058	32.2266	1.8407
2017-01-18 07:00:00	29.4577	108.7052	3.2022	0.1394	0.0041	32.2266	1.8417
2017-01-18 07:15:00	29.5555	81.9598	2.4224	0.1078	0.0032	32.2266	1.8478
2017-01-18 07:30:00	29.7623	62.2313	1.8521	0.1284	0.0038	32.2266	1.8607
2017-01-18 07:45:00	30.2049	48.8953	1.4769	0.1308	0.0040	32.2266	1.8884
2017-01-18 08:00:00	30.5650	48.8953	1.4945	0.1565	0.0048	32.2266	1.9109
2017-01-18 08:15:00	30.8097	48.8953	1.5065	0.5459	0.0168	32.2266	1.9262
2017-01-18 08:30:00	31.3858	48.8953	1.5346	1.0158	0.0319	32.2266	1.9622
2017-01-18 08:45:00	31.6315	48.8953	1.5466	1.8524	0.0586	32.2266	1.9776
2017-01-18 09:00:00	31.7799	48.8953	1.5539	2.2281	0.0708	32.2266	1.9869
2017-01-18 09:15:00	31.9661	48.8953	1.5630	0.9364	0.0299	32.2266	1.9985
2017-01-18 09:30:00	32.3164	48.8953	1.5801	0.9864	0.0319	32.2266	2.0204
2017-01-18 09:45:00	32.9855	48.8953	1.6128	0.3320	0.0110	32.2266	2.0622
2017-01-18 10:00:00	33.5781	57.6023	1.9342	0.2329	0.0078	32.2266	2.0993
2017-01-18 10:15:00	34.1379	81.9598	2.7979	0.4855	0.0166	32.2266	2.1343
2017-01-18 10:30:00	34.3184	81.9598	2.8127	0.7083	0.0243	32.2266	2.1456
2017-01-18 10:45:00	34.4903	81.9598	2.8268	1.9019	0.0656	32.2266	2.1563
2017-01-18 11:00:00	34.5878	81.9598	2.8348	1.3826	0.0478	32.2266	2.1624
2017-01-18 11:15:00	34.6129	81.9598	2.8369	0.6221	0.0215	32.2266	2.1640
2017-01-18 11:30:00	34.6310	108.4481	3.7557	0.4056	0.0140	32.2266	2.1651
2017-01-18 11:45:00	34.5692	115.0242	3.9763	2.4110	0.0833	32.2266	2.1613
2017-01-18 12:00:00	34.8213	115.0242	4.0053	3.3659	0.1172	32.2266	2.1770
2017-01-18 12:15:00	35.0074	115.0242	4.0267	5.8539	0.2049	32.2266	2.1886
2017-01-18 12:30:00	35.1149	115.0242	4.0391	10.4403	0.3666	32.2266	2.1954

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-18 12:45:00	35.0252	115.0242	4.0287	9.7697	0.3422	32.2266	2.1898
2017-01-18 13:00:00	34.8797	88.7196	3.0945	5.8160	0.2029	32.2266	2.1807
2017-01-18 13:15:00	34.8485	81.9598	2.8562	0.6833	0.0238	32.2266	2.1787
2017-01-18 13:30:00	35.0544	88.0583	3.0868	0.9528	0.0334	32.2266	2.1916
2017-01-18 13:45:00	35.0665	154.6626	5.4235	0.4196	0.0147	32.2266	2.1923
2017-01-18 14:00:00	34.9083	115.0242	4.0153	0.0246	0.0009	32.2266	2.1825
2017-01-18 14:15:00	35.0056	115.0242	4.0265	7.7254	0.2704	32.2266	2.1885
2017-01-18 14:30:00	35.2436	115.0242	4.0539	7.1039	0.2504	32.2266	2.2034
2017-01-18 14:45:00	35.0682	115.0242	4.0337	3.0995	0.1087	32.2266	2.1924
2017-01-18 15:00:00	35.1055 34.9704	115.0242 115.0242	4.0380 4.0224	2.7095	0.0951 0.0180	32.2266	2.1948
2017-01-18 15:15:00 2017-01-18 15:30:00	34.9704		4.0224 3.9695	0.5145 0.1124	0.0180	32.2266 32.2266	2.1863
2017-01-18 15:35:00	34.9860	113.5179 81.9598	2.8674	0.1124	0.0039	32.2266	2.1862 2.1873
2017-01-18 15:45:00	35.1834	81.9598	2.8836	2.6165	0.0008	32.2266	2.1873
2017-01-18 16:05:00	35.1001	81.9598	2.8768	2.3850	0.0321	32.2266	2.1944
2017-01-18 16:30:00	35.0984	60.4311	2.1210	1.1408	0.0400	32.2266	2.1943
2017-01-18 16:45:00	35.1827	48.8953	1.7203	1.6333	0.0575	32.2266	2.1996
2017-01-18 17:00:00	35.4265	51.8711	1.8376	0.6624	0.0235	32.2266	2.2149
2017-01-18 17:15:00	35.2670	143.1871	5.0498	0.0000	0.0000	32.2266	2.2049
2017-01-18 17:30:00	35.6296	62.1211	2.2134	0.0000	0.0000	32.2266	2.2275
2017-01-18 17:45:00	35.3645	43.5683	1.5408	3.9849	0.1409	32.2266	2.2110
2017-01-18 18:00:00	35.4037	29.0566	1.0287	2.2681	0.0803	32.2266	2.2134
2017-01-18 18:15:00	35.1651	29.0566	1.0218	0.1065	0.0037	32.2266	2.1985
2017-01-18 18:30:00	35.0874	29.0566	1.0195	0.5507	0.0193	32.2266	2.1936
2017-01-18 18:45:00	35.1041	29.0566	1.0200	0.4211	0.0148	32.2266	2.1947
2017-01-18 19:00:00	35.3067	29.0566	1.0259	0.3966	0.0140	32.2266	2.2074
2017-01-18 19:15:00	35.1160	29.0566	1.0204	0.6241	0.0219	32.2266	2.1954
2017-01-18 19:30:00	35.4029	29.0566	1.0287	0.7158	0.0253	32.2266	2.2134
2017-01-18 19:45:00	35.1995	29.0566	1.0228	0.3506	0.0123	32.2266	2.2007
2017-01-18 20:00:00	35.1162	29.0566	1.0204	0.5765	0.0202	32.2266	2.1955
2017-01-18 20:15:00	35.1091	29.0566	1.0202	0.3352	0.0118	32.2266	2.1950
2017-01-18 20:30:00	34.8259	29.0566	1.0119	0.2006	0.0070	32.2266	2.1773
2017-01-18 20:45:00	34.9193	29.0566	1.0146	0.4347	0.0152	32.2266	2.1831
2017-01-18 21:00:00	34.9041	29.0566	1.0142	0.8450	0.0295	32.2266	2.1822
2017-01-18 21:15:00	35.0843	29.0566	1.0194	0.7471	0.0262	32.2266	2.1935
2017-01-18 21:30:00	35.0212	29.0566	1.0176	0.6159	0.0216	32.2266	2.1895
2017-01-18 21:45:00	34.9649	29.0566	1.0160	0.8970	0.0314	32.2266	2.1860
2017-01-18 22:00:00	35.1122	29.0566	1.0202	1.9242	0.0676	32.2266	2.1952
2017-01-18 22:15:00	35.0302	29.0566	1.0179	2.5710	0.0901	32.2266	2.1901
2017-01-18 22:30:00	34.9876	29.0566	1.0166	1.8466	0.0646	32.2266	2.1874
2017-01-18 22:45:00	35.0097	29.0566	1.0173	2.9246	0.1024	32.2266	2.1888
2017-01-18 23:00:00	34.9794	29.0566	1.0164	2.6409	0.0924	32.2266	2.1869
2017-01-18 23:15:00	34.9910	29.0566	1.0167	1.2924	0.0452	32.2266	2.1876
2017-01-18 23:30:00	34.7819	29.0566	1.0106	0.4954	0.0172	32.2266	2.1746
2017-01-18 23:45:00	34.8895	29.0566	1.0138	0.3794	0.0132	32.2266	2.1813
2017-01-19 00:00:00	34.8406	29.0566	1.0123	0.3828	0.0133	32.2266	2.1782
2017-01-19 00:15:00	34.8648	29.0566	1.0131	0.1057	0.0037	32.2266	2.1797
2017-01-19 00:30:00	34.9879	29.0566	1.0166	1.1312	0.0396	32.2266	2.1874
2017-01-19 00:45:00	35.0278	29.0566	1.0178	3.0252	0.1060	32.2266	2.1899
2017-01-19 01:00:00	35.1070	29.0566	1.0201	4.1110	0.1443	32.2266	2.1949
2017-01-19 01:15:00	34.8721	35.2318	1.2286	0.7340	0.0256	32.2266	2.1802
2017-01-19 01:30:00	34.9677	55.1945	1.9300	0.5284	0.0185	32.2266	2.1862
2017-01-19 01:45:00	35.0692	29.0566	1.0190	0.1641	0.0058	32.2266	2.1925
2017-01-19 02:00:00	35.1857	29.0566	1.0224	0.1417	0.0050	32.2266	2.1998
2017-01-19 02:15:00	35.0734	29.0566	1.0191	0.1625	0.0057	32.2266	2.1928
2017-01-19 02:30:00	35.0433	29.0566	1.0182	0.2973	0.0104	32.2266	2.1909
2017-01-19 02:45:00	33.1609	29.0566	0.9635	0.4870	0.0162	32.2266	2.0732
2017-01-19 03:00:00	30.6138	29.0566	0.8895	0.2061	0.0063	32.2266	1.9140
2017-01-19 03:15:00	30.3715	29.0566	0.8825	0.2030	0.0062	32.2266	1.8988
2017-01-19 03:30:00	30.4456	29.0566	0.8846	0.2154	0.0066	32.2266	1.9034
2017-01-19 03:45:00	30.4997	29.0566	0.8862	0.2533	0.0077	32.2266	1.9068
2017-01-19 04:00:00	30.5539	54.9204	1.6780	0.1706	0.0052	32.2266	1.9102
2017-01-19 04:15:00	30.4584	62.1211	1.8921	0.2433	0.0074	32.2266	1.9042
2017-01-19 04:30:00	30.5284	62.1211	1.8965 1.9023	0.1598	0.0049	32.2266	1.9086
2017-01-19 04:45:00 2017-01-19 05:00:00	30.6225 30.5244	62.1211 62.1211	1.8962	0.3416	0.0105 0.0019	32.2266 32.2266	1.9145 1.9084
2017-01-19 05:00:00	30.5888	62.1211	1.8962	0.0633 0.3986		32.2266	1.9084
2017-01-19 05:15:00 2017-01-19 05:30:00	30.5888		1.9002		0.0122		1.9124
2017-01-19 05:30:00	30.3916	62.1211 62.1211	1.8827	0.2013 0.1321	0.0061 0.0040	32.2266 32.2266	1.8948
2017-01-19 05:45:00	30.4612	62.1211	1.8923	0.1321	0.0040	32.2266	1.8948
2017-01-19 06:00:00	30.4612	62.1211	1.8923	0.1149	0.0035	32.2266	1.9044
2017-01-19 06:15:00							1.9003
2017-01-19 06:30:00	30.5391 30.4458	62.1211 62.1211	1.8971 1.8913	0.4047 0.3077	0.0124	32.2266 32.2266	1.9093
2017-01-19 06:45:00	30.4458 30.3273	62.1211	1.8913	0.3077	0.0094 0.0148	32.2266	1.8961
2017-01-19 07:00:00	30.5729	102.3896	3.1303	0.4874	0.0148	32.2266	1.8961
2017 01-13 07.13.00	1 30.3723	102.3030	3.1303	0.3003	5.0277	J2.2200	1.5114

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N2	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-19 07:30:00	30.4899	51.0996	1.5580	1.9707	0.0601	32.2266	1.9062
2017-01-19 07:45:00	30.3727	51.0996	1.5520	1.7979	0.0546	32.2266	1.8989
2017-01-19 08:00:00	30.4205	51.0996	1.5545	1.2880	0.0392	32.2266	1.9019
2017-01-19 08:15:00	30.5033	51.0996	1.5587	0.2778	0.0085	32.2266	1.9071
2017-01-19 08:30:00	30.4592	51.0996	1.5565	0.4118	0.0125	32.2266	1.9043
2017-01-19 08:45:00	30.4568	51.0996	1.5563	0.3731	0.0114	32.2266	1.9041
2017-01-19 09:00:00	30.3406	68.3831	2.0748	0.3254	0.0099	32.2266	1.8969
2017-01-19 09:15:00	30.3160	100.7965	3.0557	0.3666	0.0111	32.2266	1.8953
2017-01-19 09:30:00	30.3330	100.7965	3.0575	0.3059	0.0093	32.2266	1.8964
2017-01-19 09:45:00	30.3909	100.7965	3.0633	0.5471	0.0166	32.2266	1.9000
2017-01-19 10:00:00	30.3036	100.7965	3.0545	0.2796	0.0085	32.2266	1.8946
2017-01-19 10:15:00	30.4414	100.7965	3.0684	0.2224	0.0068	32.2266	1.9032
2017-01-19 10:30:00	30.4963	100.7965	3.0739	0.3611	0.0110	32.2266	1.9066
2017-01-19 10:45:00	30.6084	77.7248	2.3790	0.4120	0.0126	32.2266	1.9136
2017-01-19 11:00:00	30.4721	67.7320	2.0639	0.1037	0.0032	32.2266	1.9051
2017-01-19 11:15:00	30.5117	67.7320	2.0666	0.2530	0.0077	32.2266	1.9076
2017-01-19 11:30:00	30.7644	67.7320	2.0837	0.2515	0.0077	32.2266	1.9234
2017-01-19 11:45:00	30.6941	67.7320	2.0790	0.2792	0.0086	32.2266	1.9190
2017-01-19 12:00:00	30.8732 30.9246	36.2106 34.6676	1.1179	1.5696 2.3518	0.0485	32.2266	1.9302
2017-01-19 12:15:00 2017-01-19 12:30:00		34.6676	1.0721 1.0784	1.8836	0.0727 0.0586	32.2266 32.2266	1.9334 1.9448
2017-01-19 12:30:00	31.1070 31.2580	34.6676	1.0784	1.8836	0.0368	32.2266	1.9448
2017-01-19 12:45:00	30.9394	34.6676	1.0726	0.2695	0.0368	32.2266	1.9342
2017-01-19 13:00:00	31.2328	34.6676	1.0828	0.2693	0.0083	32.2266	1.9543
2017-01-19 13:13:00	31.0443	34.6676	1.0762	0.9474	0.0027	32.2266	1.9409
2017-01-19 13:45:00	30.9883	34.6676	1.0743	0.3501	0.0108	32.2266	1.9374
2017-01-19 14:00:00	31.2445	34.6676	1.0832	0.0038	0.0001	32.2266	1.9534
2017-01-19 14:15:00	31.1686	34.6676	1.0805	0.0841	0.0026	32.2266	1.9486
2017-01-19 14:30:00	31.1841	34.6676	1.0811	0.0302	0.0009	32.2266	1.9496
2017-01-19 14:45:00	31.1725	34.6676	1.0807	0.0055	0.0002	32.2266	1.9489
2017-01-19 15:00:00	30.7715	34.6676	1.0668	0.3359	0.0103	32.2266	1.9238
2017-01-19 15:15:00	30.8582	49.7960	1.5366	7.9379	0.2449	32.2266	1.9292
2017-01-19 15:30:00	30.6486	101.7984	3.1200	7.1387	0.2188	32.2266	1.9161
2017-01-19 15:45:00	30.9158	101.7984	3.1472	2.3181	0.0717	32.2266	1.9328
2017-01-19 16:00:00	30.7133	101.7984	3.1266	0.0000	0.0000	32.2266	1.9202
2017-01-19 16:15:00	28.9713	71.2322	2.0637	0.4391	0.0127	32.2266	1.8113
2017-01-19 16:30:00	29.6164	68.7340	2.0357	0.0000	0.0000	32.2266	1.8516
2017-01-19 16:45:00	28.0743	50.7322	1.4243	0.7774	0.0218	27.5772	1.5020
2017-01-19 17:00:00	27.2611	68.7340	1.8738	0.5472	0.0149	17.1204	0.9054
2017-01-19 17:15:00	27.9209	68.7340	1.9191	0.6068	0.0169	17.1204	0.9274
2017-01-19 17:30:00	27.1880	68.7340	1.8687	1.1017	0.0300	17.1204	0.9030
2017-01-19 17:45:00	27.5386	68.7340	1.8928	1.5953	0.0439	17.1204	0.9147
2017-01-19 18:00:00	27.7708	96.3612	2.6760	2.2704	0.0631	17.1204	0.9224
2017-01-19 18:15:00	27.6328	126.4131	3.4931	0.1555	0.0043	17.1204	0.9178
2017-01-19 18:30:00	27.1533	101.7984	2.7642	0.4347	0.0118	17.1204	0.9019
2017-01-19 18:45:00	26.8823	101.7984	2.7366	0.5232	0.0141	17.1204	0.8929
2017-01-19 19:00:00	26.9284	101.7984	2.7413	0.4137	0.0111	17.1204	0.8944
2017-01-19 19:15:00	27.5027	101.7984	2.7997	1.1457	0.0315	17.1204	0.9135
2017-01-19 19:30:00	27.2987	101.7984	2.7790	2.0605	0.0562	17.1204	0.9067
2017-01-19 19:45:00	27.2604	101.7984	2.7751	3.5208	0.0960	17.1204	0.9054
2017-01-19 20:00:00	27.4424	101.7984	2.7936	3.7316	0.1024	17.1204	0.9115
2017-01-19 20:15:00	27.4467	101.7984	2.7940	3.4713	0.0953	17.1204	0.9116
2017-01-19 20:30:00	27.4289	101.7984	2.7922	2.2549	0.0618	17.1204	0.9110
2017-01-19 20:45:00	27.2166	96.8437	2.6358	2.6355	0.0717	17.1204	0.9040
2017-01-19 21:00:00	27.2168	73.1426	1.9907	2.4514	0.0667	17.1204	0.9040
2017-01-19 21:15:00	27.2869	73.1426	1.9958	1.1890	0.0324	17.1204	0.9063
2017-01-19 21:30:00	26.8209	73.1426	1.9618	0.3639	0.0098	17.1204	0.8908
2017-01-19 21:45:00	26.9627	73.1426	1.9721	0.2237	0.0060	17.1204	0.8955
2017-01-19 22:00:00	26.9132	73.1426	1.9685	0.4496	0.0121	17.1204	0.8939
2017-01-19 22:15:00	26.9981	73.1426	1.9747	0.7326	0.0198	17.1204	0.8967
2017-01-19 22:30:00	26.9853	73.1426	1.9738	0.3361	0.0091	17.1204	0.8963
2017-01-19 22:45:00	27.0575	73.1426	1.9791	0.2658	0.0072	17.1204	0.8987
2017-01-19 23:00:00	27.0582	73.1426	1.9791	0.3403	0.0092	17.1204	0.8987
2017-01-19 23:15:00	27.1388	73.1426	1.9850	0.6468	0.0176	17.1204	0.9014
2017-01-19 23:30:00	26.8026	73.1426	1.9604	0.3851	0.0103	17.1204	0.8902
2017-01-19 23:45:00	27.2301	73.1426	1.9917	0.6253	0.0170	17.1204	0.9044
2017-01-20 00:00:00	27.1575	73.1426	1.9864	0.2069	0.0056	17.1204	0.9020
2017-01-20 00:15:00	26.9767	73.1426	1.9731	0.3958	0.0107	17.1204	0.8960
2017-01-20 00:30:00	1.3273	852.8470	1.1320	7.7679	0.0103	81.2069	0.2091
2017-01-20 00:45:00	0.0000	0.0000	0.0000	11.1884	0.0000	959.0308	0.0000
2017-01-20 01:00:00	0.0000	0.0000	0.0000	1.3805	0.0000	367.2509	0.0000
2017-01-20 01:15:00	0.0000	0.0000	0.0000	1.7772	0.0000	84.3135	0.0000
2017-01-20 01:30:00	0.0000	0.0000	0.0000	6.7330	0.0000	27.3590	0.0000
2017-01-20 01:45:00	0.0000	0.0000	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 02:00:00	0.0000	0.0000	0.0000	11.2500	0.0000	13.0920	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-20 02:15:00	0.0000	3125.8792	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 02:30:00	0.0000	2367.2746	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 02:45:00	0.0000	1669.6792	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 03:00:00	0.0000	1216.8142	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 03:15:00	0.0000	900.2727	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 03:30:00	0.0000	696.6068	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 03:45:00	0.0000	558.9173 473.2180	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 04:00:00 2017-01-20 04:15:00	0.0000 0.0000	473.2180	0.0000 0.0000	11.2500 11.2500	0.0000 0.0000	13.0920 13.0920	0.0000 0.0000
2017-01-20 04:15:00	0.0000	363.9094	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 04:45:00	0.0000	332.1408	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 04:43:00	0.0000	305.5423	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 05:05:00	0.0000	284.3710	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 05:30:00	0.0000	264.7160	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 05:45:00	0.0000	264.7160	0.0000	11.2500	0.0000	13.0920	0.0000
2017-01-20 06:00:00	0.0000	245.6121	0.0000	11.1852	0.0000	13.0920	0.0000
2017-01-20 06:15:00	0.0000	231.6516	0.0000	8.2836	0.0000	13.0920	0.0000
2017-01-20 06:30:00	0.0000	231.6516	0.0000	4.7209	0.0000	13.0920	0.0000
2017-01-20 06:45:00	0.0000	231.6516	0.0000	2.7512	0.0000	13.0920	0.0000
2017-01-20 07:00:00	0.0000	210.7107	0.0000	2.2278	0.0000	13.0920	0.0000
2017-01-20 07:15:00	0.0000	198.5871	0.0000	1.6523	0.0000	13.0920	0.0000
2017-01-20 07:30:00	0.0000	198.5871	0.0000	1.1631	0.0000	13.0920	0.0000
2017-01-20 07:45:00	0.0000	198.5871	0.0000	1.1075	0.0000	13.0920	0.0000
2017-01-20 08:00:00	0.0000	198.5871	0.0000	1.1657	0.0000	13.0920	0.0000
2017-01-20 08:15:00	0.0000	198.5871	0.0000	1.2338	0.0000	13.0920	0.0000
2017-01-20 08:30:00	0.0000	198.5871	0.0000	0.9326	0.0000	13.0920	0.0000
2017-01-20 08:45:00	0.0000	198.5871	0.0000	0.7392	0.0000	13.0920	0.0000
2017-01-20 09:00:00	0.0000	198.5871	0.0000	0.8134	0.0000	13.0920	0.0000
2017-01-20 09:15:00	0.0000	198.5871	0.0000	0.4239	0.0000	13.0920	0.0000
2017-01-20 09:30:00	0.0000	198.5871	0.0000	0.7422	0.0000	13.0920	0.0000
2017-01-20 09:45:00	0.0000	198.5871	0.0000	0.6279	0.0000	13.0920	0.0000
2017-01-20 10:00:00	0.0000	198.5871	0.0000	0.7685	0.0000	13.0920	0.0000
2017-01-20 10:15:00	0.0000	198.5871	0.0000	0.5147	0.0000	13.0920	0.0000
2017-01-20 10:30:00	0.0000	196.4327	0.0000	0.6642	0.0000	13.0920	0.0000
2017-01-20 10:45:00	0.0000	165.7230	0.0000	0.6644	0.0000	13.0920	0.0000
2017-01-20 11:00:00	0.0000	165.7230	0.0000	0.5027	0.0000	13.0920	0.0000
2017-01-20 11:15:00	0.0000	165.7230	0.0000	0.5833	0.0000	13.0920	0.0000
2017-01-20 11:30:00	0.0000	165.7230	0.0000	0.5902	0.0000	13.0920	0.0000
2017-01-20 11:45:00	0.0000	165.7230	0.0000	0.5571	0.0000	13.0920	0.0000
2017-01-20 12:00:00	0.0000	165.7230	0.0000	0.6202	0.0000	13.0920	0.0000
2017-01-20 12:15:00	0.0000	165.7230	0.0000	0.5500	0.0000	13.0920	0.0000
2017-01-20 12:30:00	0.0000	165.7230	0.0000	0.4607	0.0000	13.0920	0.0000
2017-01-20 12:45:00	0.0209	165.7230	0.0035	0.5235	0.0000	13.0920	0.0005
2017-01-20 13:00:00	0.0000	165.7230	0.0000	0.4376	0.0000	13.0920	0.0000
2017-01-20 13:15:00	0.0000	165.7230	0.0000	0.3727	0.0000	13.0920	0.0000
2017-01-20 13:30:00	0.0000	165.7230	0.0000	0.2307	0.0000	13.0920	0.0000
2017-01-20 13:45:00	0.0000	165.7230	0.0000	0.2588	0.0000	13.0920	0.0000
2017-01-20 14:00:00	0.0000	165.7230	0.0000	1.5917	0.0000	13.0920	0.0000
2017-01-20 14:15:00	0.0000	165.7230	0.0000	1.7972	0.0000	13.0920	0.0000
2017-01-20 14:30:00	0.0000	165.7230	0.0000	0.2323	0.0000	13.0920	0.0000
2017-01-20 14:45:00	0.0000	165.7230	0.0000	0.3960	0.0000	13.0920	0.0000
2017-01-20 15:00:00	0.0000	165.7230	0.0000	0.3729	0.0000	13.0920	0.0000
2017-01-20 15:15:00	0.0000	165.7230	0.0000	0.2295	0.0000	13.0920	0.0000
2017-01-20 15:30:00	0.0000	165.7230	0.0000	0.2615	0.0000	13.0920	0.0000
2017-01-20 15:45:00	0.0000	165.7230	0.0000	0.1288	0.0000	13.0920	0.0000
2017-01-20 16:00:00	0.0000	165.7230	0.0000	0.2015	0.0000	13.0920	0.0000
2017-01-20 16:15:00	0.0000	165.7230	0.0000	0.0638	0.0000	13.0920	0.0000
2017-01-20 16:30:00	0.0000	165.7230	0.0000	0.1766	0.0000	13.0920	0.0000
2017-01-20 16:45:00	0.0000	165.7230	0.0000	0.1390	0.0000	13.0920	0.0000
2017-01-20 17:00:00	0.0000	165.7230	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-20 17:15:00	0.0000	165.7230	0.0000	0.0794	0.0000	13.0920	0.0000
2017-01-20 17:30:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 17:45:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 18:00:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 18:15:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 18:30:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 18:45:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 19:00:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 19:15:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 19:30:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 19:45:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 20:00:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 20:15:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 20:30:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 20:45:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-20 21:00:00	0.0000	165.7230	0.0000	0.0968	0.0000	13.0920	0.0000
2017-01-20 21:15:00	0.0000	165.7230	0.0000	0.8691	0.0000 0.0000	13.0920 13.0920	0.0000 0.0000
2017-01-20 21:30:00 2017-01-20 21:45:00	0.0000 0.0000	165.7230 165.7230	0.0000 0.0000	2.4492 0.0645	0.0000	13.0920	0.0000
2017-01-20 21:45:00	0.0000	165.7230	0.0000	0.0645	0.0000	13.0920	0.0000
2017-01-20 22:00:00	0.0000	165.7230	0.0000	0.0645	0.0000	13.0920	0.0000
2017-01-20 22:30:00	0.0000	165.7230	0.0000	0.0645	0.0000	13.0920	0.0000
2017-01-20 22:45:00	0.0000	165.7230	0.0000	1.5135	0.0000	13.0920	0.0000
2017-01-20 23:00:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-20 23:15:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-20 23:30:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-20 23:45:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 00:00:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 00:15:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 00:30:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 00:45:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 01:00:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 01:15:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 01:30:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 01:45:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 02:00:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 02:15:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 02:30:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 02:45:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 03:00:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 03:15:00 2017-01-21 03:30:00	0.0000 0.0000	165.7230 165.7230	0.0000 0.0000	0.0027 0.0027	0.0000 0.0000	13.0920 13.0920	0.0000 0.0000
2017-01-21 03:30:00	0.0000	165.7230	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 03:43:00	0.0000	146.3987	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 04:00:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 04:30:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 04:45:00	0.0202	132.6586	0.0027	0.0027	0.0000	13.0920	0.0005
2017-01-21 05:00:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 05:15:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 05:30:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 05:45:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 06:00:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 06:15:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 06:30:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 06:45:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 07:00:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 07:15:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 07:30:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 07:45:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 08:00:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 08:15:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 08:30:00	0.0203	132.6586	0.0027	0.0027	0.0000	13.0920	0.0005
2017-01-21 08:45:00 2017-01-21 09:00:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 09:00:00	0.0000 0.0000	132.6586 132.6586	0.0000 0.0000	0.0027 0.0027	0.0000 0.0000	13.0920 13.0920	0.0000 0.0000
2017-01-21 09:15:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 09:30:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 10:00:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 10:15:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 10:30:00	0.0183	132.6586	0.0024	0.0027	0.0000	13.0920	0.0005
2017-01-21 10:45:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 11:00:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 11:15:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 11:30:00	0.0000	132.6586	0.0000	0.0027	0.0000	13.0920	0.0000
2017-01-21 11:45:00	0.0000	132.6586	0.0000	0.0136	0.0000	13.0920	0.0000
2017-01-21 12:00:00	0.0222	132.6586	0.0029	0.0000	0.0000	13.0920	0.0006
2017-01-21 12:15:00	0.0203	132.6586	0.0027	0.0000	0.0000	13.0920	0.0005
2017-01-21 12:30:00	0.0000	132.6586	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-21 12:45:00	0.0000	132.6586	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-21 13:00:00	0.0199	132.6586	0.0026	0.0000	0.0000	13.0920	0.0005
2017-01-21 13:15:00	0.0000	132.6586	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-21 13:30:00	0.0000	109.3298	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-21 13:45:00	0.0218	99.5941	0.0022	0.0000	0.0000	13.0920	0.0006
2017-01-21 14:00:00	0.0000	99.5941	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-21 14:15:00	0.0443	99.5941	0.0044	0.0000	0.0000	13.0920	0.0011
2017-01-21 14:30:00	0.0000	99.5941	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-21 14:45:00	0.0000	99.5941	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-21 15:00:00	0.0461 0.0452	99.5941 99.5941	0.0046 0.0045	0.0000	0.0000	13.0920	0.0012 0.0011
2017-01-21 15:15:00 2017-01-21 15:30:00	0.0452	99.5941	0.0045	0.0000 0.0000	0.0000 0.0000	13.0920 13.0920	0.0011
2017 01 21 13.30.00	0.0213	33.3341	0.0021	3.3000	0.0000	15.0520	0.0003

Parameter Unit 2017-01-21 15:45:00 2017-01-21 16:00:00 2017-01-21 16:15:00 2017-01-21 16:30:00 2017-01-21 16:45:00 2017-01-21 17:00:00 2017-01-21 17:15:00	Volumetric Flow Rate m3/sec 0.0000 0.0452		missions - A2 Nitric Ox g/s 0.0000	NH3 mg/Nm3	g/s	ppmv	2O g/s
2017-01-21 15:45:00 2017-01-21 16:00:00 2017-01-21 16:15:00 2017-01-21 16:30:00 2017-01-21 16:45:00 2017-01-21 17:00:00	0.0000 0.0452		_			ppmv	g/s
2017-01-21 16:00:00 2017-01-21 16:15:00 2017-01-21 16:30:00 2017-01-21 16:45:00 2017-01-21 17:00:00	0.0452	99.5941	0.0000				
2017-01-21 16:15:00 2017-01-21 16:30:00 2017-01-21 16:45:00 2017-01-21 17:00:00				0.0000	0.0000	13.0920	0.0000
2017-01-21 16:30:00 2017-01-21 16:45:00 2017-01-21 17:00:00		99.5941	0.0045	0.0000	0.0000	13.0920	0.0011
2017-01-21 16:45:00 2017-01-21 17:00:00	0.1333	99.5941	0.0133	0.0000	0.0000	13.0920	0.0034
2017-01-21 17:00:00	0.1695 0.0388	99.5941 99.5941	0.0169 0.0039	0.0000 0.0000	0.0000 0.0000	13.0920 13.0920	0.0043 0.0010
	0.1181	99.5941	0.0039	0.0000	0.0000	13.0920	0.0010
2017 01 21 17.15.00	0.0282	99.5941	0.0018	0.0062	0.0000	13.0920	0.0030
2017-01-21 17:30:00	0.0416	99.5941	0.0028	0.0062	0.0000	13.0920	0.0007
2017-01-21 17:45:00	0.0000	99.5941	0.0000	0.0062	0.0000	13.0920	0.0000
2017-01-21 18:00:00	0.0201	99.5941	0.0020	0.0062	0.0000	13.0920	0.0005
2017-01-21 18:15:00	0.0000	99.5941	0.0000	0.0062	0.0000	13.0920	0.0000
2017-01-21 18:30:00	0.0364	99.5941	0.0036	0.0062	0.0000	13.0920	0.0009
2017-01-21 18:45:00	0.0000	99.5941	0.0000	0.0062	0.0000	13.0920	0.0000
2017-01-21 19:00:00	0.0000	99.5941	0.0000	0.0062	0.0000	13.0920	0.0000
2017-01-21 19:15:00	0.0467	99.5941	0.0047	0.0062	0.0000	13.0920	0.0012
2017-01-21 19:30:00	0.0221	99.5941	0.0022	0.0062	0.0000	13.0920	0.0006
2017-01-21 19:45:00	0.0422	99.5941	0.0042	0.0062	0.0000	13.0920	0.0011
2017-01-21 20:00:00	0.0439	99.5941	0.0044	0.0062	0.0000	13.0920	0.0011
2017-01-21 20:15:00	0.0511	99.5941	0.0051	0.0062	0.0000	13.0920	0.0013
2017-01-21 20:30:00	0.0000	99.5941	0.0000	0.0062	0.0000	13.0920	0.0000
2017-01-21 20:45:00	0.0204	99.5941	0.0020	0.0062	0.0000	13.0920	0.0005
2017-01-21 21:00:00	0.0183	99.5941	0.0018	0.0062	0.0000	13.0920	0.0005
2017-01-21 21:15:00	0.0548	99.5941	0.0055	0.0062	0.0000	13.0920	0.0014
2017-01-21 21:30:00	0.0669	99.5941	0.0067	0.0062	0.0000	13.0920	0.0017
2017-01-21 21:45:00	0.0569	99.5941	0.0057	0.0062	0.0000	13.0920	0.0014
2017-01-21 22:00:00	0.0396	99.5941	0.0039	0.0062	0.0000	13.0920	0.0010
2017-01-21 22:15:00	0.0184	99.5941	0.0018	0.0062	0.0000	13.0920	0.0005
2017-01-21 22:30:00	0.0179	99.5941	0.0018	0.0062	0.0000	13.0920	0.0005
2017-01-21 22:45:00	0.0900	99.5941	0.0090	0.0062	0.0000	13.0920	0.0023
2017-01-21 23:00:00	0.0182	99.5941	0.0018	0.0062	0.0000	13.0920	0.0005
2017-01-21 23:15:00	0.0867	99.5941	0.0086	0.0062	0.0000	13.0920	0.0022
2017-01-21 23:30:00	0.0830	99.5941	0.0083	0.0062	0.0000	13.0920	0.0021
2017-01-21 23:45:00	0.1183	99.5941	0.0118	0.0062	0.0000	13.0920	0.0030
2017-01-22 00:00:00	0.0884	99.5941	0.0088	0.0062	0.0000	13.0920	0.0022
2017-01-22 00:15:00	0.1349	99.5941	0.0134	0.0062	0.0000	13.0920	0.0034
2017-01-22 00:30:00	0.0378	99.5941	0.0038	0.0062	0.0000	13.0920	0.0010
2017-01-22 00:45:00	0.0482	99.5941	0.0048	0.0062	0.0000	13.0920	0.0012
2017-01-22 01:00:00	0.0392	99.5941	0.0039	0.0062	0.0000	13.0920	0.0010
2017-01-22 01:15:00	0.1256	99.5941	0.0125	0.0062	0.0000	13.0920	0.0032
2017-01-22 01:30:00	0.0470	97.0959	0.0046	0.0062	0.0000	13.0920	0.0012
2017-01-22 01:45:00	0.1074	66.5297	0.0071	0.0062	0.0000	13.0920	0.0027
2017-01-22 02:00:00	0.0190	66.5297	0.0013	0.0062	0.0000	13.0920	0.0005
2017-01-22 02:15:00	0.1232	66.5297	0.0082	0.0062	0.0000	13.0920	0.0031
2017-01-22 02:30:00	0.0000	66.5297	0.0000	0.0062	0.0000	13.0920	0.0000
2017-01-22 02:45:00	0.000.0	66.5297	0.0000	0.0062	0.0000	13.0920	0.0000
2017-01-22 03:00:00	0.0597	66.5297	0.0040	0.0062	0.0000	13.0920	0.0015
2017-01-22 03:15:00	0.0375	66.5297	0.0025	0.0062	0.0000	13.0920	0.0010
2017-01-22 03:30:00	0.0809	66.5297	0.0054	0.0062	0.0000	13.0920	0.0021
2017-01-22 03:45:00	0.0921	66.5297	0.0061	0.0062	0.0000	13.0920	0.0023
2017-01-22 04:00:00	0.0757	66.5297	0.0050	0.0062	0.0000	13.0920	0.0019
2017-01-22 04:15:00 2017-01-22 04:30:00	0.0189 0.3203	66.5297 66.5297	0.0013 0.0213	0.0062 0.0062	0.0000 0.0000	13.0920 13.0920	0.0005 0.0081
2017-01-22 04:30:00	0.3203	66.5297	0.0213	0.0062	0.0000	13.0920	0.0081
2017-01-22 04:45:00 2017-01-22 05:00:00	0.0000	66.5297	0.0000	0.0062	0.0000	13.0920	0.0044
2017-01-22 05:00:00	0.0191	66.5297	0.0000	0.0062	0.0000	13.0920	0.0005
2017-01-22 05:13:00	0.0191	66.5297	0.0013	0.0062	0.0000	13.0920	0.0003
2017-01-22 05:30:00	0.0458	66.5297	0.0083	0.1104	0.0000	13.0920	0.0024
2017-01-22 03:43:00	0.0752	66.5297	0.0050	0.0069	0.0000	13.0920	0.0012
2017-01-22 06:00:00	0.1255	66.5297	0.0030	0.1497	0.0000	13.0920	0.0019
2017-01-22 06:30:00	0.0196	66.5297	0.0083	0.0411	0.0000	13.0920	0.0032
2017-01-22 06:45:00	0.0729	66.5297	0.0013	0.0371	0.0000	13.0920	0.0003
2017-01-22 00:43:00	0.0401	66.5297	0.0048	0.0371	0.0000	13.0920	0.0019
2017-01-22 07:00:00	0.1032	66.5297	0.0069	0.0371	0.0000	13.0920	0.0016
2017-01-22 07:13:00	0.0961	66.5297	0.0064	0.0371	0.0000	13.0920	0.0024
2017-01-22 07:45:00	0.0000	66.5297	0.0000	0.0371	0.0000	13.0920	0.0000
2017-01-22 08:00:00	0.0652	66.5297	0.0043	0.0371	0.0000	13.0920	0.0017
2017-01-22 08:00:00	0.2437	66.5297	0.0162	0.0371	0.0000	13.0920	0.0017
2017-01-22 08:30:00	0.0214	66.5297	0.0014	0.0933	0.0000	13.0920	0.0005
2017-01-22 08:45:00	0.0000	66.5297	0.0000	0.0471	0.0000	13.0920	0.0000
2017-01-22 09:00:00	0.0000	66.5297	0.0000	0.0484	0.0000	13.0920	0.0000
2017-01-22 09:15:00	0.0000	66.5297	0.0000	0.0026	0.0000	13.0920	0.0000
2017-01-22 09:30:00	0.0000	66.5297	0.0000	0.0221	0.0000	13.0920	0.0000
2017-01-22 09:45:00	0.0000	66.5297	0.0000	0.0481	0.0000	13.0920	0.0000
2017-01-22 10:00:00	0.0000	66.5297	0.0000	0.0718	0.0000	13.0920	0.0000
2017-01-22 10:15:00	0.0188	66.5297	0.0013	0.0409	0.0000	13.0920	0.0005

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-22 10:30:00	0.0000	66.5297	0.0000	0.0233	0.0000	13.0920	0.0000
2017-01-22 10:45:00	0.0596	66.5297	0.0040	0.0124	0.0000	13.0920	0.0015
2017-01-22 11:00:00	0.0873	66.5297	0.0058	0.0124	0.0000	13.0920	0.0022
2017-01-22 11:15:00	0.0413	66.5297	0.0028	0.0124	0.0000	13.0920	0.0011
2017-01-22 11:30:00	0.0735	66.5297	0.0049	0.0124	0.0000	13.0920	0.0019
2017-01-22 11:45:00	0.0619	66.5297	0.0041	0.0124	0.0000	13.0920	0.0016
2017-01-22 12:00:00 2017-01-22 12:15:00	0.0865	66.5297	0.0058	0.0124	0.0000	13.0920	0.0022 0.0047
	0.1839 0.0947	66.5297 66.5297	0.0122 0.0063	0.0124 0.0124	0.0000 0.0000	13.0920 13.0920	0.0047
2017-01-22 12:30:00 2017-01-22 12:45:00	0.1771	66.5297	0.0063	0.0124	0.0000	13.0920	0.0024
2017-01-22 12:43:00	0.2766	66.5297	0.0118	0.0124	0.0000	13.0920	0.0043
2017-01-22 13:00:00	0.3366	66.5297	0.0184	0.0219	0.0000	13.0920	0.0070
2017-01-22 13:13:00	0.4795	66.5297	0.0319	0.0158	0.0000	13.0920	0.0122
2017-01-22 13:45:00	0.3680	66.5297	0.0245	0.0158	0.0000	13.0920	0.0093
2017-01-22 14:00:00	0.7219	66.5297	0.0480	0.0158	0.0000	13.0920	0.0183
2017-01-22 14:15:00	0.4091	66.5297	0.0272	0.0158	0.0000	13.0920	0.0104
2017-01-22 14:30:00	0.2620	66.5297	0.0174	0.0158	0.0000	13.0920	0.0067
2017-01-22 14:45:00	0.5764	66.5297	0.0383	0.0158	0.0000	13.0920	0.0146
2017-01-22 15:00:00	0.4867	66.5297	0.0324	0.0158	0.0000	13.0920	0.0124
2017-01-22 15:15:00	0.5838	66.5297	0.0388	0.0158	0.0000	13.0920	0.0148
2017-01-22 15:30:00	0.5761	66.5297	0.0383	0.0158	0.0000	13.0920	0.0146
2017-01-22 15:45:00	0.4612	66.5297	0.0307	0.0158	0.0000	13.0920	0.0117
2017-01-22 16:00:00	0.3570	66.5297	0.0238	0.0158	0.0000	13.0920	0.0091
2017-01-22 16:15:00	0.3431	66.5297	0.0228	0.0158	0.0000	13.0920	0.0087
2017-01-22 16:30:00	0.4333	66.5297	0.0288	0.0158	0.0000	13.0920	0.0110
2017-01-22 16:45:00	0.1608	66.5297	0.0107	0.4682	0.0001	13.0920	0.0041
2017-01-22 17:00:00	0.2302	66.5297	0.0153	4.1027	0.0009	13.0920	0.0058
2017-01-22 17:15:00	0.4021	66.5297	0.0268	0.9405	0.0004	13.0920	0.0102
2017-01-22 17:30:00	0.2549	66.5297	0.0170	4.5386	0.0012	13.0920	0.0065
2017-01-22 17:45:00	0.1202	66.5297	0.0080	4.3417	0.0005	13.0920	0.0031
2017-01-22 18:00:00	0.0978	66.5297	0.0065	2.9840	0.0003	13.0920	0.0025
2017-01-22 18:15:00	0.0209	66.5297	0.0014	2.0715	0.0000	13.0920	0.0005
2017-01-22 18:30:00	0.2253	66.5297	0.0150	0.0000	0.0000	13.0920	0.0057
2017-01-22 18:45:00	0.0000	66.5297	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-22 19:00:00	0.0699	66.5297	0.0046	0.0000	0.0000	13.0920	0.0018
2017-01-22 19:15:00	0.0180	66.5297	0.0012	0.0000	0.0000	13.0920	0.0005
2017-01-22 19:30:00	0.0198	66.5297	0.0013	0.0000	0.0000	13.0920	0.0005
2017-01-22 19:45:00	0.0000	66.5297	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-22 20:00:00	0.0189	66.5297	0.0013	0.0000	0.0000	13.0920	0.0005
2017-01-22 20:15:00	0.0574	66.5297	0.0038	0.0000	0.0000	13.0920	0.0015
2017-01-22 20:30:00	0.0646	66.5297	0.0043	0.0000	0.0000	13.0920	0.0016
2017-01-22 20:45:00	0.0611	66.5297	0.0041	0.0000	0.0000	13.0920	0.0016
2017-01-22 21:00:00	0.0613	66.5297	0.0041	0.0000	0.0000	13.0920	0.0016
2017-01-22 21:15:00	0.0000	66.5297	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-22 21:30:00	0.0386	66.5297	0.0026	1.6353	0.0001	13.0920	0.0010
2017-01-22 21:45:00	0.0449	66.5297	0.0030	0.0542	0.0000	13.0920	0.0011
2017-01-22 22:00:00	0.0428	66.5297	0.0028	0.0542	0.0000	13.0920	0.0011
2017-01-22 22:15:00	0.0000	66.5297	0.0000	0.0542	0.0000	13.0920	0.0000
2017-01-22 22:30:00	0.1141	66.5297	0.0076	0.0542	0.0000	13.0920	0.0029
2017-01-22 22:45:00	0.0924	66.5297	0.0061	0.0542	0.0000	13.0920	0.0023
2017-01-22 23:00:00	0.0382	66.5297	0.0025	0.0542	0.0000	13.0920	0.0010
2017-01-22 23:15:00	0.0200	66.5297	0.0013	0.0542	0.0000	13.0920	0.0005
2017-01-22 23:30:00	0.1042	66.5297	0.0069	0.0542	0.0000	13.0920	0.0026
2017-01-22 23:45:00	0.0412	66.5297	0.0027	0.0542	0.0000	13.0920	0.0010
2017-01-23 00:00:00	0.0986	66.5297	0.0066	0.0542	0.0000	13.0920	0.0025
2017-01-23 00:15:00	0.0392	66.5297	0.0026	0.0542	0.0000	13.0920	0.0010
2017-01-23 00:30:00	0.3776	66.5297	0.0251	0.0542	0.0000	13.0920	0.0096
2017-01-23 00:45:00	0.1000	66.5297	0.0067	0.0542	0.0000	13.0920	0.0025
2017-01-23 01:00:00	0.0755	66.5297	0.0050	0.0542	0.0000	13.0920	0.0019
2017-01-23 01:15:00	0.0579	66.5297	0.0039	0.0542	0.0000	13.0920	0.0015
2017-01-23 01:30:00	0.0833	66.5297	0.0055	0.0542	0.0000	13.0920	0.0021
2017-01-23 01:45:00	0.0914	66.5297	0.0061	0.0542	0.0000	13.0920	0.0023
2017-01-23 02:00:00	0.2228	66.5297	0.0148	0.0542	0.0000	13.0920	0.0057
2017-01-23 02:15:00	0.2561	66.5297	0.0170	0.0542	0.0000	13.0920	0.0065
2017-01-23 02:30:00	0.2291	66.5297	0.0152	0.0542	0.0000	13.0920	0.0058
2017-01-23 02:45:00	0.4105	66.5297	0.0273	0.0542	0.0000	13.0920	0.0104
2017-01-23 03:00:00	0.2878	66.5297	0.0191	0.0542	0.0000	13.0920	0.0073
2017-01-23 03:15:00	0.1656	66.5297	0.0110	0.0542	0.0000	13.0920	0.0042
2017-01-23 03:30:00	0.1313	66.5297	0.0087	0.0542	0.0000	13.0920	0.0033
2017-01-23 03:45:00	0.0728	66.5297	0.0048	0.0542	0.0000	13.0920	0.0018
2017-01-23 04:00:00	0.0563	66.5297	0.0037	0.0542	0.0000	13.0920	0.0014
2017-01-23 04:15:00	0.0000	66.5297	0.0000	0.0542	0.0000	13.0920	0.0000
2017-01-23 04:30:00	0.3074	66.5297	0.0204	0.0542	0.0000	13.0920	0.0078
2017-01-23 04:45:00	0.1845	66.5297	0.0123	0.0542	0.0000	13.0920	0.0047
2017-01-23 05:00:00	0.0000	66.5297	0.0000	0.0542	0.0000	13.0920	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-23 05:15:00	0.2376	66.5297	0.0158	0.0542	0.0000	13.0920	0.0060
2017-01-23 05:30:00	0.3646	66.5297	0.0243	0.0542	0.0000	13.0920	0.0093
2017-01-23 05:45:00	0.0185	66.5297	0.0012	0.0542	0.0000	13.0920	0.0005
2017-01-23 06:00:00	0.0375	66.5297	0.0025	0.0542	0.0000	13.0920	0.0010
2017-01-23 06:15:00	0.0180	66.5297	0.0012	0.0542	0.0000	13.0920	0.0005
2017-01-23 06:30:00	0.6372	66.5297	0.0424	0.0542	0.0000	13.0920	0.0162
2017-01-23 06:45:00	0.8230	66.5297	0.0548	0.0542	0.0000	13.0920	0.0209
2017-01-23 07:00:00	0.9439	66.5297	0.0628	0.0542	0.0001	13.0920	0.0240
2017-01-23 07:15:00	0.8641	66.5297	0.0575	0.0542	0.0000	13.0920	0.0219
2017-01-23 07:30:00	0.3464	66.5297	0.0230	0.0542	0.0000	13.0920	0.0088
2017-01-23 07:45:00	0.0405	66.5297	0.0027	0.0542	0.0000	13.0920	0.0010
2017-01-23 08:00:00	0.0644	66.5297	0.0043	0.0542	0.0000	13.0920	0.0016
2017-01-23 08:15:00	0.4340	66.5297	0.0289	0.0542	0.0000	13.0920	0.0110
2017-01-23 08:30:00	0.4640	66.5297	0.0309	0.0542	0.0000	13.0920	0.0118
2017-01-23 08:45:00	0.0608	66.5297	0.0040	0.0487	0.0000	13.0920	0.0015
2017-01-23 09:00:00	0.0203	66.5297	0.0014	0.0302	0.0000	13.0920	0.0005
2017-01-23 09:15:00	0.0000	66.5297	0.0000	0.0302	0.0000	13.0920	0.0000
2017-01-23 09:30:00	0.0000	66.5297	0.0000 0.0013	0.0382	0.0000	13.0920	0.0000
2017-01-23 09:45:00 2017-01-23 10:00:00	0.0190	66.5297		0.5844	0.0000 0.0000	13.0920	0.0005
	0.0000	66.5297	0.0000	1.6117	0.0000	13.0920 13.0920	0.0000 0.0006
2017-01-23 10:15:00 2017-01-23 10:30:00	0.0225 0.0190	66.5297 66.5297	0.0015 0.0013	2.2846 2.4588	0.0001	13.0920	0.0006
2017-01-23 10:30:00	0.0190	66.5297	0.0013	2.4588	0.0000	13.0920	0.0003
2017-01-23 10:43:00	0.0791	66.5297	0.0054	2.3906	0.0002	13.0920	0.0021
2017-01-23 11:00:00	0.1443	66.5297	0.0096	1.9887	0.0002	13.0920	0.0020
2017-01-23 11:30:00	0.1137	66.5297	0.0076	1.2558	0.0001	13.0920	0.0029
2017-01-23 11:45:00	0.5972	66.5297	0.0397	0.8937	0.0005	13.0920	0.0152
2017-01-23 12:00:00	0.5358	66.5297	0.0356	0.7912	0.0004	13.0920	0.0136
2017-01-23 12:15:00	0.3103	66.5297	0.0206	0.6350	0.0002	13.0920	0.0079
2017-01-23 12:30:00	0.0900	66.5297	0.0060	0.5776	0.0001	13.0920	0.0023
2017-01-23 12:45:00	0.0000	66.5297	0.0000	0.3270	0.0000	13.0920	0.0000
2017-01-23 13:00:00	0.1918	66.5297	0.0128	0.1692	0.0000	13.0920	0.0049
2017-01-23 13:15:00	0.1618	66.5297	0.0108	0.0927	0.0000	13.0920	0.0041
2017-01-23 13:30:00	0.1223	66.5297	0.0081	0.0479	0.0000	13.0920	0.0031
2017-01-23 13:45:00	0.0459	66.5297	0.0031	0.0000	0.0000	13.0920	0.0012
2017-01-23 14:00:00	0.0432	66.5297	0.0029	0.0000	0.0000	13.0920	0.0011
2017-01-23 14:15:00	0.2811	66.5297	0.0187	0.0000	0.0000	13.0920	0.0071
2017-01-23 14:30:00	0.3285	66.5297	0.0219	0.0000	0.0000	13.0920	0.0083
2017-01-23 14:45:00	0.2497	66.5297	0.0166	0.0051	0.0000	13.0920	0.0063
2017-01-23 15:00:00	0.3844	66.5297	0.0256	0.0000	0.0000	13.0920	0.0098
2017-01-23 15:15:00	0.4747	66.5297	0.0316	0.0000	0.0000	13.0920	0.0121
2017-01-23 15:30:00	0.2632	66.5297	0.0175	0.0000	0.0000	13.0920	0.0067
2017-01-23 15:45:00	0.1810	66.5297	0.0120	0.0000	0.0000	13.0920	0.0046
2017-01-23 16:00:00	0.1202	66.5297	0.0080	0.0000	0.0000	13.0920	0.0031
2017-01-23 16:15:00	0.4019	66.5297	0.0267	0.0000	0.0000	13.0920	0.0102
2017-01-23 16:30:00	0.3326	66.5297	0.0221	0.0000	0.0000	13.0920	0.0084
2017-01-23 16:45:00	0.1076	66.5297	0.0072	0.0000	0.0000	13.0920	0.0027
2017-01-23 17:00:00	0.2456	66.5297	0.0163	0.0000	0.0000	13.0920	0.0062
2017-01-23 17:15:00	0.1303	66.5297	0.0087	0.0000	0.0000	13.0920	0.0033
2017-01-23 17:30:00	0.1172	66.5297	0.0078	0.0000	0.0000	13.0920	0.0030
2017-01-23 17:45:00	0.0819	66.5297	0.0055	0.0000	0.0000	13.0920	0.0021
2017-01-23 18:00:00	0.2879	66.5297	0.0192	0.0000	0.0000	13.0920	0.0073
2017-01-23 18:15:00	0.2512	66.5297	0.0167	0.0000	0.0000	13.0920	0.0064
2017-01-23 18:30:00	0.1563	66.5297	0.0104	0.0000	0.0000	13.0920	0.0040
2017-01-23 18:45:00	0.0000	66.5297	0.0000	0.0000	0.0000	13.0920	0.0000
2017-01-23 19:00:00	0.0464	66.5297	0.0031	0.0000	0.0000	13.0920	0.0012
2017-01-23 19:15:00	0.2212	66.5297	0.0147	0.0000	0.0000	13.0920	0.0056
2017-01-23 19:30:00	0.0614	66.5297	0.0041	0.0000	0.0000	13.0920	0.0016
2017-01-23 19:45:00	0.1465	66.5297	0.0097	0.0000	0.0000	13.0920	0.0037
2017-01-23 20:00:00	0.2482	68.8896	0.0171	0.0000	0.0000	13.0920	0.0063
2017-01-23 20:15:00	0.0211	148.0954	0.0031	0.0000	0.0000	13.0920	0.0005
2017-01-23 20:30:00	0.0358	52.3120	0.0019	1.1137	0.0000	13.0920	0.0009
2017-01-23 20:45:00	0.0187	48.8953	0.0009	5.0105	0.0001	13.0920	0.0005
2017-01-23 21:00:00	0.0854	48.8953	0.0042	8.5554	0.0007	13.0920	0.0022
2017-01-23 21:15:00	0.0926	50.6220	0.0047	10.9255	0.0010	13.0920	0.0024
2017-01-23 21:30:00	0.0420	99.9983	0.0042	11.1992	0.0005	13.0920	0.0011
2017-01-23 21:45:00	0.0000	136.9202	0.0000	11.1992	0.0000	13.0920	0.0000
2017-01-23 22:00:00	0.0804	168.7556	0.0136	11.1992	0.0009	13.0920	0.0020
2017-01-23 22:15:00	0.1360	195.2517	0.0265	10.6010	0.0014	13.0920	0.0035
2017-01-23 22:30:00	0.2169	227.4634	0.0493	6.2427	0.0014	13.0920	0.0055
2017-01-23 22:45:00	0.1354	249.2859	0.0337	3.4265	0.0005	13.0920	0.0034
2017-01-23 23:00:00	0.1415	268.2723	0.0380	0.6064	0.0001	13.0920	0.0036
2017-01-23 23:15:00	0.6032	286.7590	0.1730	0.7920	0.0005	13.0920	0.0153
2017-01-23 23:30:00	0.3701	266.3325	0.0986	0.1293	0.0000	13.0920	0.0094
2017-01-23 23:45:00	0.4193	253.6945	0.1064	0.0874	0.0000	13.0920	0.0106

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Эx	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-24 00:00:00	0.2689	253.6945	0.0682	0.0371	0.0000	13.0920	0.0068
2017-01-24 00:15:00	0.6110	220.9607	0.1350	0.0371	0.0000	13.0920	0.0155
2017-01-24 00:30:00	0.2370	220.6301	0.0523	0.0371	0.0000	13.0920	0.0060
2017-01-24 00:45:00	0.4498	220.6301	0.0992	0.0371	0.0000	13.0920	0.0114
2017-01-24 01:00:00	0.6041	220.6301	0.1333	0.0371	0.0000	13.0920	0.0153
2017-01-24 01:15:00	0.3257	220.6301	0.0719	0.0371	0.0000	13.0920	0.0083
2017-01-24 01:30:00 2017-01-24 01:45:00	0.5294	197.7713 187.7660	0.1047	0.0371	0.0000	13.0920	0.0134
2017-01-24 01:45:00	0.3241 0.8527	187.7660	0.0609 0.1601	0.0371 0.0371	0.0000 0.0000	13.0920 13.0920	0.0082 0.0217
2017-01-24 02:00:00	0.8327	187.7660	0.1601	0.0371	0.0000	13.0920	0.0084
2017-01-24 02:13:00	0.1752	187.7660	0.0329	0.0371	0.0000	13.0920	0.0084
2017-01-24 02:30:00	0.8166	187.7660	0.1533	0.0371	0.0000	13.0920	0.0207
2017-01-24 03:00:00	1.1988	187.7660	0.2251	0.0371	0.0000	13.0920	0.0304
2017-01-24 03:00:00	0.8771	187.7660	0.1647	0.0371	0.0000	13.0920	0.0223
2017-01-24 03:30:00	0.9260	187.7660	0.1739	0.0371	0.0000	13.0920	0.0235
2017-01-24 03:45:00	0.6493	187.7660	0.1219	0.0371	0.0000	13.0920	0.0165
2017-01-24 04:00:00	0.3691	187.7660	0.0693	0.0371	0.0000	13.0920	0.0094
2017-01-24 04:15:00	0.5423	187.7660	0.1018	0.0371	0.0000	13.0920	0.0138
2017-01-24 04:30:00	0.1844	156.3548	0.0288	0.0371	0.0000	13.0920	0.0047
2017-01-24 04:45:00	0.4171	153.4992	0.0640	0.0371	0.0000	13.0920	0.0106
2017-01-24 05:00:00	0.2664	153.4992	0.0409	0.0371	0.0000	13.0920	0.0068
2017-01-24 05:15:00	0.3280	153.4992	0.0503	0.0371	0.0000	13.0920	0.0083
2017-01-24 05:30:00	0.8227	153.4992	0.1263	0.0371	0.0000	13.0920	0.0209
2017-01-24 05:45:00	0.8682	153.4992	0.1333	0.0371	0.0000	13.0920	0.0221
2017-01-24 06:00:00	0.8811	153.4992	0.1353	0.0371	0.0000	13.0920	0.0224
2017-01-24 06:15:00	0.7323	153.4992	0.1124	0.0371	0.0000	13.0920	0.0186
2017-01-24 06:30:00	1.0895	153.4992	0.1672	0.0371	0.0000	13.0920	0.0277
2017-01-24 06:45:00	0.7636	153.4992	0.1172	0.0371	0.0000	13.0920	0.0194
2017-01-24 07:00:00	1.7371	153.4992	0.2666	0.0371	0.0001	13.0920	0.0441
2017-01-24 07:15:00	3.1439	153.4992	0.4826	0.0371	0.0001	13.0920	0.0799
2017-01-24 07:30:00	2.1832	153.4992	0.3351	0.0371	0.0001	13.0920	0.0555
2017-01-24 07:45:00	2.7826	153.4992	0.4271	0.0371	0.0001	13.0920	0.0707
2017-01-24 08:00:00	2.6823	153.4992	0.4117	0.0371	0.0001	13.0920	0.0681
2017-01-24 08:15:00	1.9854	153.4992	0.3048	0.0371	0.0001	13.0920	0.0504
2017-01-24 08:30:00	2.1087	153.4992	0.3237	0.0371	0.0001	13.0920	0.0536
2017-01-24 08:45:00	1.1522	153.4992	0.1769	0.0371	0.0000	13.0920	0.0293
2017-01-24 09:00:00	0.0555	153.4992	0.0085	0.0371	0.0000	13.0920	0.0014
2017-01-24 09:15:00	0.1737	153.4992	0.0267	0.0371	0.0000	13.0920	0.0044
2017-01-24 09:30:00	0.9955	153.4992	0.1528	0.0371	0.0000	13.0920	0.0253
2017-01-24 09:45:00	0.8611	153.4992	0.1322	0.0415	0.0000	13.0920	0.0219
2017-01-24 10:00:00	0.2090	153.4992	0.0321	0.1497	0.0000	13.0920	0.0053
2017-01-24 10:15:00	0.5068	153.4992	0.0778	0.1497	0.0001	13.0920	0.0129
2017-01-24 10:30:00	0.5141	153.4992	0.0789	0.1497	0.0001	13.0920	0.0131
2017-01-24 10:45:00	3.6566	153.4992	0.5613	0.1497	0.0005	13.0920	0.0929
2017-01-24 11:00:00	4.1777	153.4992	0.6413	0.1497	0.0006	13.0920	0.1061
2017-01-24 11:15:00	4.1142	153.4992	0.6315	0.1497	0.0006	13.0920	0.1045
2017-01-24 11:30:00	3.6899	153.4992	0.5664	0.1497	0.0006	13.0920	0.0937
2017-01-24 11:45:00	1.4768	134.7302	0.1990	0.1497	0.0002	13.0920	0.0375
2017-01-24 12:00:00	0.6966	120.6352	0.0840	0.1497	0.0001	13.0920	0.0177
2017-01-24 12:15:00	0.8018	120.6352	0.0967	0.1497	0.0001	13.0920	0.0204
2017-01-24 12:30:00	0.7670	120.6352	0.0925	0.1497	0.0001	13.0920	0.0195
2017-01-24 12:45:00	0.7278	120.6352	0.0878	0.1497	0.0001	13.0920	0.0185
2017-01-24 13:00:00	0.8359	120.6352	0.1008	0.1497	0.0001	13.0920	0.0212
2017-01-24 13:15:00	0.7909	120.6352	0.0954	0.1497	0.0001	13.0920	0.0201
2017-01-24 13:30:00	0.8399	120.6352	0.1013	0.1497	0.0001	13.0920	0.0213
2017-01-24 13:45:00	1.4798	120.6352	0.1785	0.1497	0.0002	13.0920	0.0376
2017-01-24 14:00:00	1.2762	120.6352	0.1540	0.1497	0.0002	13.0920	0.0324
2017-01-24 14:15:00	0.9885	120.6352	0.1192	0.1497	0.0001	13.0920	0.0251
2017-01-24 14:30:00	0.6018	120.6352 120.6352	0.0726	0.1415	0.0001	13.0920	0.0153
2017-01-24 14:45:00	0.4465	95.9083	0.0539 0.0058	0.0343	0.0000	13.0920 13.0920	0.0113 0.0015
2017-01-24 15:00:00	0.0607			0.0343	0.0000		
2017-01-24 15:15:00 2017-01-24 15:30:00	0.6310 0.7127	87.3703 87.3703	0.0551 0.0623	0.0343 0.0343	0.0000 0.0000	13.0920 13.0920	0.0160 0.0181
2017-01-24 15:30:00	0.4733	87.3703 87.3703	0.0623	0.0343	0.0000	13.0920	0.0181
2017-01-24 15:45:00	0.4733	87.3703 87.3703	0.0414	0.0343	0.0000	13.0920	0.0120
2017-01-24 16:00:00	0.3455	87.3703 87.3703	0.0302	0.0343	0.0000	13.0920	0.0088
2017-01-24 16:13:00	0.3133	87.3703 87.3703	0.0276	0.0343	0.0000	13.0920	0.0080
2017-01-24 16:30:00	0.5147	87.3703 87.3703	0.0273	0.0343	0.0000	13.0920	0.0079
2017-01-24 16:45:00	0.5147	87.3703 87.3703	0.0450	0.0343	0.0000	13.0920	0.0131
2017-01-24 17:00:00	0.1435	87.3703	0.0212	0.0343	0.0000	13.0920	0.0036
2017-01-24 17:13:00	0.1435	87.3703 87.3703	0.0125	0.0343	0.0000	13.0920	0.0036
2017-01-24 17:30:00	0.1057	87.3703 87.3703	0.0055	0.0343	0.0000	13.0920	0.0016
	0.1037	07.3703					
	0.0606	87.3703	0.0053	0.0343	().()()()()	13.0920	0.0015
2017-01-24 18:00:00 2017-01-24 18:15:00	0.0606 0.0948	87.3703 87.3703	0.0053 0.0083	0.0343 0.0343	0.0000 0.0000	13.0920 13.0920	0.0015 0.0024

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-24 18:45:00	0.1531	87.3703	0.0134	0.0343	0.0000	13.0920	0.0039
2017-01-24 19:00:00	0.1437	87.3703	0.0126	0.0343	0.0000	13.0920	0.0037
2017-01-24 19:15:00	0.1534	87.3703	0.0134	0.0343	0.0000	13.0920	0.0039
2017-01-24 19:30:00	0.1252	87.3703	0.0109	0.0343	0.0000	13.0920	0.0032
2017-01-24 19:45:00	0.0887	87.3703	0.0078	0.0343	0.0000	13.0920	0.0023
2017-01-24 20:00:00	0.5007	87.3703	0.0437	0.0343	0.0000	13.0920	0.0127
2017-01-24 20:15:00	0.2587	87.3703	0.0226 0.0277	0.0343	0.0000	13.0920	0.0066
2017-01-24 20:30:00	0.3174 0.8676	87.3703 87.3703	0.0277	0.0343 0.0343	0.0000 0.0000	13.0920 13.0920	0.0081 0.0220
2017-01-24 20:45:00 2017-01-24 21:00:00	0.4091	87.3703 87.3703	0.0758	0.0343	0.0000	13.0920	0.0220
2017-01-24 21:00:00	0.7068	87.3703 87.3703	0.0618	0.0343	0.0000	13.0920	0.0104
2017-01-24 21:30:00	0.5198	87.3703 87.3703	0.0454	0.0343	0.0000	13.0920	0.0132
2017-01-24 21:45:00	0.8796	87.3703	0.0769	0.0343	0.0000	13.0920	0.0223
2017-01-24 22:00:00	0.2840	87.3703	0.0248	0.0343	0.0000	13.0920	0.0072
2017-01-24 22:15:00	0.7359	87.3703	0.0643	0.0343	0.0000	13.0920	0.0187
2017-01-24 22:30:00	0.2488	87.3703	0.0217	0.0343	0.0000	13.0920	0.0063
2017-01-24 22:45:00	0.4981	87.3703	0.0435	0.0343	0.0000	13.0920	0.0127
2017-01-24 23:00:00	0.8606	87.3703	0.0752	0.0343	0.0000	13.0920	0.0219
2017-01-24 23:15:00	0.6509	87.3703	0.0569	0.0912	0.0001	13.0920	0.0165
2017-01-24 23:30:00	0.8237	87.3703	0.0720	0.1520	0.0001	13.0920	0.0209
2017-01-24 23:45:00	0.6470	87.3703	0.0565	0.1000	0.0001	13.0920	0.0164
2017-01-25 00:00:00	0.7091	87.3703	0.0620	0.0547	0.0000	13.0920	0.0180
2017-01-25 00:15:00	0.9990	87.3703	0.0873	0.0979	0.0001	13.0920	0.0254
2017-01-25 00:30:00	1.3028	87.3703	0.1138	0.0925	0.0001	13.0920	0.0331
2017-01-25 00:45:00	1.2858	87.3703	0.1133	0.0709	0.0001	13.0920	0.0327
2017-01-25 01:00:00	0.7059	87.3703	0.0617	0.0336	0.0000	13.0920	0.0179
2017-01-25 01:15:00	0.7372	87.3703	0.0644	0.0580	0.0000	13.0920	0.0187
2017-01-25 01:30:00	0.6074	87.3703	0.0531	0.0478	0.0000	13.0920	0.0154
2017-01-25 01:45:00	0.5111	87.3703	0.0447	0.0191	0.0000	13.0920	0.0130
2017-01-25 02:00:00	0.6688	87.3703	0.0584	0.0712	0.0000	13.0920	0.0170
2017-01-25 02:15:00	0.8481	87.3703	0.0741	0.0677	0.0001	13.0920	0.0215
2017-01-25 02:30:00	1.9348	87.3703	0.1690	0.1490	0.0003	13.0920	0.0491
2017-01-25 02:45:00	2.2951	87.3703	0.2005	0.1048	0.0002	13.0920	0.0583
2017-01-25 03:00:00	1.6663	87.3703	0.1456	0.1133	0.0002	13.0920	0.0423
2017-01-25 03:15:00	1.9043	87.3703	0.1664	0.1133	0.0002	13.0920	0.0484
2017-01-25 03:30:00	1.8336	87.3703	0.1602	0.1133	0.0002	13.0920	0.0466
2017-01-25 03:45:00	0.8668	87.3703	0.0757	0.0392	0.0000	13.0920	0.0220
2017-01-25 04:00:00	0.8021	87.3703	0.0701	0.0000	0.0000	13.0920	0.0204
2017-01-25 04:15:00	1.7556	87.3703	0.1534	0.0000	0.0000	13.0920	0.0446
2017-01-25 04:30:00	1.7488	87.3703	0.1528	0.0000	0.0000	13.0920	0.0444
2017-01-25 04:45:00	2.3079	87.3703	0.2016	0.0000	0.0000	13.0920	0.0586
2017-01-25 05:00:00	2.1348	87.3703	0.1865	0.0000	0.0000	13.0920	0.0542
2017-01-25 05:15:00	0.6563	87.3703	0.0573	0.0000	0.0000	13.0920	0.0167
2017-01-25 05:30:00	1.4631	87.3703	0.1278	0.0000	0.0000	13.0920	0.0372
2017-01-25 05:45:00	0.2565	87.3703	0.0224	0.0000	0.0000	13.0920	0.0065
2017-01-25 06:00:00	1.4206	87.3703	0.1241	0.0000	0.0000	13.0920	0.0361
2017-01-25 06:15:00	0.6677	87.3703	0.0583	0.0000	0.0000	13.0920	0.0170
2017-01-25 06:30:00	1.1699	87.3703	0.1022	0.0000	0.0000	13.0920	0.0297
2017-01-25 06:45:00	1.9703	87.3703	0.1721	0.0000	0.0000	13.0920	0.0500
2017-01-25 07:00:00	1.4337	87.3703	0.1253	0.0000	0.0000	13.0920	0.0364
2017-01-25 07:15:00	1.3713	87.3703	0.1198	0.0000	0.0000	13.0920	0.0348
2017-01-25 07:30:00	0.7657	87.3703	0.0669	0.0000	0.0000	13.0920	0.0194
2017-01-25 07:45:00	0.9679	87.3703	0.0846	0.0096	0.0000	13.0920	0.0246
2017-01-25 08:00:00	2.0216	87.3703	0.1766	0.1140	0.0002	13.0920	0.0513
2017-01-25 08:15:00	2.5733	87.3703	0.2248	0.1140	0.0003	13.0920	0.0654
2017-01-25 08:30:00	1.5517	87.3703	0.1356	0.1140	0.0002	13.0920	0.0394
2017-01-25 08:45:00	1.6116	87.3703	0.1408	0.1140	0.0002	13.0920	0.0409
2017-01-25 09:00:00	0.2448	87.3703	0.0214	0.1140	0.0000	13.0920	0.0062
2017-01-25 09:15:00	0.5542	87.3703	0.0484	0.1140	0.0001	13.0920	0.0141
2017-01-25 09:30:00	0.3469	87.3703	0.0303	0.1140	0.0000	13.0920	0.0088
2017-01-25 09:45:00	1.4585	87.3703	0.1274	0.1480	0.0002	13.0920	0.0370
2017-01-25 10:00:00	0.8183	87.3703	0.0715	0.2314	0.0002	13.0920	0.0208
2017-01-25 10:15:00	0.5032	87.3703	0.0440	0.2314	0.0001	13.0920	0.0128
2017-01-25 10:30:00	1.7416	87.3703	0.1522	0.2314	0.0004	13.0920	0.0442
2017-01-25 10:45:00	2.9869	87.3703	0.2610	0.2314	0.0007	13.0920	0.0759
2017-01-25 11:00:00	3.0545	87.3703	0.2669	0.2314	0.0007	13.0920	0.0776
2017-01-25 11:15:00	3.2990	87.3703	0.2882	0.2314	0.0008	13.0920	0.0838
2017-01-25 11:30:00	3.7257	87.3703	0.3255	0.2314	0.0009	13.0920	0.0946
2017-01-25 11:45:00	3.6881	87.3703	0.3222	0.2314	0.0009	13.0920	0.0937
2017-01-25 12:00:00	4.1290	87.3703	0.3607	0.2314	0.0010	13.0920	0.1049
2017-01-25 12:15:00	4.0086	87.3703	0.3502	0.2314	0.0009	13.0920	0.1018
2017-01-25 12:30:00	3.5455	87.3703	0.3098	0.2314	0.0008	13.0920	0.0900
2017-01-25 12:45:00	2.9164	87.3703	0.2548	0.2314	0.0007	13.0920	0.0741
2017-01-25 13:00:00	3.0972	87.3703	0.2706	0.2314	0.0007	13.0920	0.0787
2017-01-25 13:15:00	3.6835	87.3703	0.3218	0.2314	0.0009	13.0920	0.0936

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-25 13:30:00	2.6534	87.3703	0.2318	0.2314	0.0006	13.0920	0.0674
2017-01-25 13:45:00	2.2357	87.3703	0.1953	0.2314	0.0005	13.0920	0.0568
2017-01-25 14:00:00	4.2855	87.3703	0.3744	0.2314	0.0010	13.0920	0.1088
2017-01-25 14:15:00	3.2604	87.3703	0.2849	0.2314	0.0008	13.0920	0.0828
2017-01-25 14:30:00	2.9722	87.3703	0.2597	0.2314	0.0007	13.0920	0.0755
2017-01-25 14:45:00	2.7021	87.3703	0.2361	0.1462	0.0004	13.0920	0.0686
2017-01-25 15:00:00	1.3907	87.3703	0.1215	0.0810	0.0001	13.0920	0.0353
2017-01-25 15:15:00	2.2562	87.3703	0.1971	0.0810	0.0002	13.0920	0.0573
2017-01-25 15:30:00	3.0011	87.3703	0.2622	0.0810	0.0002	13.0920	0.0762
2017-01-25 15:45:00	2.3479	87.3703	0.2051	0.0852	0.0002	13.0920	0.0596
2017-01-25 16:00:00	2.0487	87.3703	0.1790	0.0460	0.0001	13.0920	0.0520
2017-01-25 16:15:00	1.7776	87.3703	0.1553	0.0334	0.0001	13.0920	0.0451
2017-01-25 16:30:00	1.3600	87.3703	0.1188	0.0000	0.0000	13.0920	0.0345
2017-01-25 16:45:00	1.6543	87.3703	0.1445	0.0000	0.0000	13.0920	0.0420
2017-01-25 17:00:00	1.5577	87.3703	0.1361	0.0000	0.0000	13.0920	0.0396
2017-01-25 17:15:00	1.4517	87.3703	0.1268	0.0135	0.0000	13.0920	0.0369
2017-01-25 17:30:00	2.1925	87.3703	0.1916	0.0454	0.0001	13.0920	0.0557
2017-01-25 17:45:00	1.9919	87.3703	0.1740	0.0549	0.0001	13.0920	0.0506
2017-01-25 18:00:00	1.3541	87.3703	0.1183	0.0549	0.0001	13.0920	0.0344
2017-01-25 18:15:00	0.9493	87.3703	0.0829	0.0549	0.0001	13.0920	0.0241
2017-01-25 18:30:00	1.3015	87.3703	0.1137	0.0549	0.0001	13.0920	0.0331
2017-01-25 18:45:00	0.8107	87.3703	0.0708	0.0549	0.0000	13.0920	0.0206
2017-01-25 19:00:00	0.7370	87.3703	0.0644	0.0549	0.0000	13.0920	0.0187
2017-01-25 19:15:00	1.0724	87.3703	0.0937	0.0549	0.0001	13.0920	0.0272
2017-01-25 19:30:00	0.8335	87.3703	0.0728	0.0865	0.0001	13.0920	0.0212
2017-01-25 19:45:00	1.3357	87.3703	0.1167	0.1689	0.0002	13.0920	0.0339
2017-01-25 20:00:00 2017-01-25 20:15:00	3.0321	87.3703	0.2649	0.1689	0.0005	13.0920	0.0770
2017-01-25 20:15:00	3.0760	87.3703 87.3703	0.2687	0.1689	0.0005	13.0920	0.0781 0.0600
2017-01-25 20:30:00	2.3630 2.7818	87.3703 87.3703	0.2065 0.2430	0.1689 0.1689	0.0004 0.0005	13.0920 13.0920	0.0600
2017-01-25 21:00:00	2.7656	87.3703 87.3703	0.2430	0.1689	0.0005	13.0920	0.0707
2017-01-25 21:15:00	4.2295	87.3703 87.3703	0.3695	0.1689	0.0003	13.0920	0.0702
2017-01-25 21:30:00	4.1701	87.3703 87.3703	0.3643	0.1689	0.0007	13.0920	0.1074
2017-01-25 21:45:00	3.6671	87.3703	0.3204	0.1689	0.0007	13.0920	0.1033
2017-01-25 22:00:00	3.0908	87.3703	0.2700	0.1689	0.0005	13.0920	0.0785
2017-01-25 22:15:00	2.6107	87.3703	0.2281	0.1689	0.0004	13.0920	0.0663
2017-01-25 22:30:00	2.4133	87.3703	0.2109	0.1689	0.0004	13.0920	0.0613
2017-01-25 22:45:00	2.1997	87.3703	0.1922	0.1689	0.0004	13.0920	0.0559
2017-01-25 23:00:00	1.6423	87.3703	0.1435	0.1689	0.0003	13.0920	0.0417
2017-01-25 23:15:00	1.4565	87.3703	0.1273	0.1689	0.0002	13.0920	0.0370
2017-01-25 23:30:00	0.7004	87.3703	0.0612	0.1689	0.0001	13.0920	0.0178
2017-01-25 23:45:00	1.8699	87.3703	0.1634	0.1689	0.0003	13.0920	0.0475
2017-01-26 00:00:00	1.2078	87.3703	0.1055	0.1689	0.0002	13.0920	0.0307
2017-01-26 00:15:00	1.3827	87.3703	0.1208	0.1689	0.0002	13.0920	0.0351
2017-01-26 00:30:00	3.6078	87.3703	0.3152	0.1689	0.0006	13.0920	0.0916
2017-01-26 00:45:00	4.2680	87.3703	0.3729	0.1689	0.0007	13.0920	0.1084
2017-01-26 01:00:00	4.8519	87.3703	0.4239	0.1689	0.0008	13.0920	0.1232
2017-01-26 01:15:00	4.8820	87.3703	0.4265	0.1689	0.0008	13.0920	0.1240
2017-01-26 01:30:00	4.8820	87.3703	0.4265	0.1689	0.0008	13.0920	0.1240
2017-01-26 01:45:00	4.6637	87.3703	0.4075	0.1689	0.0008	13.0920	0.1185
2017-01-26 02:00:00	4.7230	87.3703	0.4126	0.1689	0.0008	13.0920	0.1200
2017-01-26 02:15:00	4.8757	87.3703	0.4260	0.1689	0.0008	13.0920	0.1238
2017-01-26 02:30:00	4.9229	87.3703	0.4301	0.1689	0.0008	13.0920	0.1250
2017-01-26 02:45:00	3.8513	87.3703	0.3365	0.1689	0.0007	13.0920	0.0978
2017-01-26 03:00:00	2.2503	87.3703	0.1966	0.1689	0.0004	13.0920	0.0572
2017-01-26 03:15:00	2.0362	87.3703	0.1779	0.1689	0.0003	13.0920	0.0517
2017-01-26 03:30:00	1.9453	87.3703	0.1700	0.1689	0.0003	13.0920	0.0494
2017-01-26 03:45:00	1.3383	87.3703	0.1169	0.1689	0.0002	13.0920	0.0340
2017-01-26 04:00:00	1.1671	87.3703	0.1020	0.1689	0.0002	13.0920	0.0296
2017-01-26 04:15:00	2.0656	87.3703	0.1805	0.1689	0.0003	13.0920	0.0525
2017-01-26 04:30:00	2.4234	87.3703	0.2117	0.1689	0.0004	13.0920	0.0616
2017-01-26 04:45:00	1.5227	87.3703	0.1330	0.1689	0.0003	13.0920	0.0387
2017-01-26 05:00:00	3.5766	87.3703	0.3125	0.1689	0.0006	13.0920	0.0908
2017-01-26 05:15:00	3.5145	87.3703	0.3071	0.1689	0.0006	13.0920	0.0893
2017-01-26 05:30:00	2.1112	87.3703	0.1845	0.1689	0.0004	13.0920	0.0536
2017-01-26 05:45:00	0.5831	87.3703	0.0509	0.1689	0.0001	13.0920	0.0148
2017-01-26 06:00:00	0.1943	87.3703	0.0170	0.1173	0.0000	13.0920	0.0049
2017-01-26 06:15:00	0.5645	87.3703	0.0493	0.0508	0.0000	13.0920	0.0143
2017-01-26 06:30:00	0.5648	87.3703	0.0493	0.0508	0.0000	13.0920	0.0143
2017-01-26 06:45:00	0.7264	87.3703	0.0635	0.0508	0.0000	13.0920	0.0184
2017-01-26 07:00:00	0.5779	87.3703	0.0505	0.0508	0.0000	13.0920	0.0147
2017-01-26 07:15:00	1.6900	87.3703	0.1477	0.0508	0.0001	13.0920	0.0429
2017-01-26 07:30:00	1.3420	87.3703	0.1173	0.0508	0.0001	13.0920	0.0341
2017-01-26 07:45:00	0.6346	87.3703	0.0554	0.0508	0.0000	13.0920	0.0161
2017-01-26 08:00:00	1.1731	87.3703	0.1025	0.0508	0.0001	13.0920	0.0298

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-26 08:15:00	1.5412	87.3703	0.1347	0.1472	0.0002	13.0920	0.0391
2017-01-26 08:30:00	1.6027	87.3703	0.1400	0.1662	0.0003	13.0920	0.0407
2017-01-26 08:45:00	1.0544	87.3703	0.0921	0.1662	0.0002	13.0920	0.0268
2017-01-26 09:00:00	0.3909	87.3703	0.0342	0.1662	0.0001	13.0920	0.0099
2017-01-26 09:15:00	0.2288	87.3703	0.0200	0.1662	0.0000	13.0920	0.0058
2017-01-26 09:30:00	0.1371	87.3703	0.0120	0.1662	0.0000	13.0920	0.0035
2017-01-26 09:45:00	0.1552	87.3703	0.0136	0.1662	0.0000	13.0920	0.0039
2017-01-26 10:00:00	0.1348	87.3703	0.0118	0.1662	0.0000	13.0920	0.0034
2017-01-26 10:15:00	0.0961	87.3703	0.0084	0.1662	0.0000	13.0920	0.0024
2017-01-26 10:30:00	0.1856	87.3703	0.0162	0.1662	0.0000	13.0920	0.0047
2017-01-26 10:45:00	0.0199	87.3703	0.0017	0.1662	0.0000	13.0920	0.0005
2017-01-26 11:00:00	0.0204	87.3703	0.0018	0.1662	0.0000	13.0920	0.0005
2017-01-26 11:15:00	0.3584	87.3703	0.0313	0.1662	0.0001	13.0920	0.0091
2017-01-26 11:30:00	0.8094	87.3703	0.0707	0.1662	0.0001	13.0920	0.0206
2017-01-26 11:45:00	0.5492	87.3703	0.0480	0.1662	0.0001	13.0920	0.0139
2017-01-26 12:00:00	0.3350	87.3703	0.0293	0.1662	0.0001	13.0920	0.0085
2017-01-26 12:15:00	1.1128	87.3703	0.0972	0.1662	0.0002	13.0920	0.0283
2017-01-26 12:30:00	2.0339	87.3703	0.1777	0.1662	0.0003	13.0920	0.0517
2017-01-26 12:45:00	1.4664	87.3703	0.1281	0.1662	0.0002	13.0920	0.0372
2017-01-26 13:00:00	2.1791	87.3703	0.1904	0.1662	0.0004	13.0920	0.0553
2017-01-26 13:15:00	1.4082	87.3703	0.1230	0.1662	0.0002	13.0920	0.0358
2017-01-26 13:30:00	0.8213	87.3703	0.0718	0.1662	0.0001	13.0920	0.0209
2017-01-26 13:45:00 2017-01-26 14:00:00	1.9065	87.3703	0.1666	0.1662	0.0003	13.0920	0.0484
	1.2430	87.3703	0.1086	0.1662	0.0002	13.0920	0.0316
2017-01-26 14:15:00	0.6531	87.3703	0.0571	0.1465	0.0001	13.0920	0.0166
2017-01-26 14:30:00	0.8947	87.3703	0.0782	0.0426	0.0000	13.0920	0.0227
2017-01-26 14:45:00	1.0261	87.3703	0.0897	0.0060	0.0000	13.0920	0.0261
2017-01-26 15:00:00	0.2688	87.3703	0.0235	0.0000	0.0000	13.0920	0.0068
2017-01-26 15:15:00	0.2400	64.6941	0.0155	0.0627	0.0000	13.0920	0.0061
2017-01-26 15:30:00 2017-01-26 15:45:00	0.1203	54.5063	0.0066 0.0025	0.1307	0.0000 0.0000	13.0920	0.0031 0.0012
2017-01-26 15:45:00	0.0466	54.5063		0.1531 0.0435		13.0920	
2017-01-26 16:00:00	0.0977	54.5063	0.0053	0.0435	0.0000	13.0920	0.0025 0.0073
	0.2890 0.4362	54.5063 54.5063	0.0158 0.0238	0.0336	0.0000 0.0000	13.0920 13.0920	0.0073
2017-01-26 16:30:00 2017-01-26 16:45:00	2.2625	54.5063	0.0238	0.0336	0.0001	13.0920	0.0111
2017-01-26 17:00:00	0.5560	54.5063	0.0303	0.0336	0.0001	13.0920	0.0373
2017-01-26 17:15:00	0.3398	54.5063	0.0303	0.0336	0.0000	13.0920	0.0141
2017-01-26 17:30:00	0.1017	54.5063	0.0055	0.0504	0.0000	13.0920	0.0086
2017-01-26 17:45:00	0.3585	54.5063	0.0195	0.0450	0.0000	13.0920	0.0020
2017-01-26 18:00:00	0.1955	54.5063	0.0193	0.0435	0.0000	13.0920	0.0051
2017-01-26 18:15:00	1.6701	54.5063	0.0910	0.1215	0.0002	13.0920	0.0030
2017-01-26 18:30:00	0.9815	54.5063	0.0535	0.1213	0.0001	13.0920	0.0249
2017-01-26 18:45:00	1.0833	54.5063	0.0590	0.1340	0.0001	13.0920	0.0275
2017-01-26 19:00:00	0.9551	54.5063	0.0521	0.1360	0.0001	13.0920	0.0243
2017-01-26 19:15:00	1.6674	54.5063	0.0909	0.1360	0.0002	13.0920	0.0423
2017-01-26 19:30:00	3.7360	54.5063	0.2036	0.1360	0.0005	13.0920	0.0949
2017-01-26 19:45:00	2.4419	54.5063	0.1331	0.1360	0.0003	13.0920	0.0620
2017-01-26 20:00:00	2.4876	54.5063	0.1356	0.1360	0.0003	13.0920	0.0632
2017-01-26 20:15:00	2.8169	54.5063	0.1535	0.1360	0.0004	13.0920	0.0715
2017-01-26 20:30:00	2.0376	54.5063	0.1111	0.2099	0.0004	13.0920	0.0518
2017-01-26 20:45:00	4.0627	54.5063	0.2214	0.2506	0.0010	13.0920	0.1032
2017-01-26 21:00:00	5.2432	54.5063	0.2858	0.2506	0.0013	13.0920	0.1332
2017-01-26 21:15:00	5.2432	54.5063	0.2858	0.2419	0.0013	13.0920	0.1332
2017-01-26 21:30:00	5.2432	54.5063	0.2858	0.1380	0.0007	13.0920	0.1332
2017-01-26 21:45:00	5.2432	54.5063	0.2858	0.1380	0.0007	13.0920	0.1332
2017-01-26 22:00:00	5.2432	54.5063	0.2858	0.1380	0.0007	13.0920	0.1332
2017-01-26 22:15:00	5.2432	73.0591	0.3831	0.1380	0.0007	13.0920	0.1332
2017-01-26 22:30:00	5.2432	87.5707	0.4591	0.1380	0.0007	13.0920	0.1332
2017-01-26 22:45:00	5.2432	101.8986	0.5343	0.1380	0.0007	13.0920	0.1332
2017-01-26 23:00:00	5.2432	120.6352	0.6325	0.1380	0.0007	13.0920	0.1332
2017-01-26 23:15:00	5.2432	120.6352	0.6325	0.1380	0.0007	13.0920	0.1332
2017-01-26 23:30:00	5.2432	139.3717	0.7308	0.1380	0.0007	13.0920	0.1332
2017-01-26 23:45:00	5.2432	154.7016	0.8111	0.1380	0.0007	13.0920	0.1332
2017-01-27 00:00:00	5.2432	154.7016	0.8111	0.1380	0.0007	13.0920	0.1332
2017-01-27 00:15:00	5.2231	154.7016	0.8080	0.1380	0.0007	13.0920	0.1327
2017-01-27 00:30:00	3.8909	154.7016	0.6019	0.1380	0.0005	13.0920	0.0988
2017-01-27 00:45:00	2.7348	154.7016	0.4231	0.1380	0.0004	13.0920	0.0695
2017-01-27 01:00:00	1.4721	154.5179	0.2275	0.1380	0.0002	13.0920	0.0374
2017-01-27 01:15:00	1.9262	121.6371	0.2343	0.1380	0.0003	13.0920	0.0489
2017-01-27 01:30:00	2.0717	121.6371	0.2520	0.1380	0.0003	13.0920	0.0526
2017-01-27 01:45:00	2.5406	121.6371	0.3090	0.1380	0.0004	13.0920	0.0645
2017 01 27 02:00:00	3.1893	121.6371	0.3879	0.1380	0.0004	13.0920	0.0810
2017-01-27 02:00:00				•			
2017-01-27 02:00:00	2.8795	121.6371	0.3503	0.1380	0.0004	13.0920	0.0731
	2.8795 1.1820	121.6371 121.6371	0.3503 0.1438	0.1380 0.1380	0.0004 0.0002	13.0920 13.0920	0.0731 0.0300

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-27 03:00:00	0.0439	121.6371	0.0053	0.1261	0.0000	13.0920	0.0011
2017-01-27 03:15:00	0.0237	121.6371	0.0029	0.1339	0.0000	13.0920	0.0006
2017-01-27 03:30:00	0.0000	121.6371	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 03:45:00	0.0000	121.6371	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 04:00:00	0.0644	121.6371	0.0078	0.1339	0.0000	13.0920	0.0016
2017-01-27 04:15:00	0.1581	121.6371	0.0192	0.1339	0.0000	13.0920	0.0040
2017-01-27 04:30:00	0.0000	95.9571	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 04:45:00	0.1939	88.5727	0.0172	0.1339	0.0000	13.0920	0.0049
2017-01-27 05:00:00	0.0410	88.5727	0.0036	0.1339	0.0000	13.0920	0.0010
2017-01-27 05:15:00	0.0445	88.5727	0.0039	0.1339	0.0000	13.0920	0.0011
2017-01-27 05:30:00	0.1020	88.5727	0.0090	0.1339	0.0000	13.0920	0.0026
2017-01-27 05:45:00	0.0418	88.5727	0.0037	0.1339	0.0000	13.0920	0.0011
2017-01-27 06:00:00	0.0795	88.5727	0.0070	0.1339	0.0000	13.0920	0.0020
2017-01-27 06:15:00	0.0391	88.5727	0.0035	0.1339	0.0000	13.0920	0.0010
2017-01-27 06:30:00	0.0187	88.5727	0.0017	0.1339	0.0000	13.0920	0.0005
2017-01-27 06:45:00	0.0238	88.5727	0.0021	0.1339	0.0000	13.0920	0.0006
2017-01-27 07:00:00	0.0000	88.5727	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 07:15:00 2017-01-27 07:30:00	0.2689	88.5727	0.0238	0.1339	0.0000	13.0920	0.0068 0.0030
	0.1182	88.5727	0.0105	0.1339	0.0000	13.0920	
2017-01-27 07:45:00 2017-01-27 08:00:00	0.0000 0.2819	88.5727 88.5727	0.0000 0.0250	0.1339 0.1339	0.0000 0.0000	13.0920 13.0920	0.0000 0.0072
2017-01-27 08:00:00 2017-01-27 08:15:00	0.2819	88.5727 88.5727	0.0250	0.1339	0.0000	13.0920	0.0072
2017-01-27 08:13:00	0.0183	88.5727	0.0122	0.1339	0.0000	13.0920	0.0035
2017-01-27 08:45:00	0.0000	88.5727	0.0016	0.1339	0.0000	13.0920	0.0003
2017-01-27 08:43:00	0.0000	88.5727	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 09:15:00	0.0421	88.5727	0.0037	0.1339	0.0000	13.0920	0.0011
2017-01-27 09:30:00	0.0000	88.5727	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 09:45:00	0.0000	88.5727	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 10:00:00	0.0000	88.5727	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 10:15:00	0.0000	88.5727	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 10:30:00	0.0000	88.5727	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 10:45:00	0.0000	88.5727	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 11:00:00	0.1320	88.5727	0.0117	0.1339	0.0000	13.0920	0.0034
2017-01-27 11:15:00	4.5250	88.5727	0.4008	0.1339	0.0006	13.0920	0.1149
2017-01-27 11:30:00	4.7632	88.5727	0.4219	0.1339	0.0006	13.0920	0.1210
2017-01-27 11:45:00	3.1905	86.8092	0.2770	0.1339	0.0004	13.0920	0.0810
2017-01-27 12:00:00	0.0000	55.5082	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 12:15:00	0.0000	55.5082	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 12:30:00	0.0000	55.5082	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 12:45:00	0.0000	55.5082	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 13:00:00	0.0000	55.5082	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 13:15:00	0.0000	55.5082	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 13:30:00	0.0000	55.5082	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 13:45:00	0.0000	55.5082	0.0000	0.1339	0.0000	13.0920	0.0000
2017-01-27 14:00:00	0.0000	55.5082	0.0000	0.1942	0.0000	13.0920	0.0000
2017-01-27 14:15:00	0.0000	55.5082	0.0000	0.2486	0.0000	13.0920	0.0000
2017-01-27 14:30:00	0.0000	55.5082	0.0000	0.2486	0.0000	13.0920	0.0000
2017-01-27 14:45:00	0.0000	55.5082	0.0000	0.2486	0.0000	13.0920	0.0000
2017-01-27 15:00:00	0.0000	55.5082	0.0000	0.2094	0.0000	13.0920	0.0000
2017-01-27 15:15:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 15:30:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 15:45:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 16:00:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 16:15:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 16:30:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 16:45:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 17:00:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 17:15:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 17:30:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 17:45:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 18:00:00	0.0000	55.5082	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 18:15:00	0.0000	86.5180	0.0000	0.1318	0.0000	13.0920	0.0000
2017-01-27 18:30:00	0.0000	103.4784	0.0000	0.1498	0.0000	13.0920	0.0000
2017-01-27 18:45:00	0.0000	57.1881	0.0000	0.1838	0.0000	13.0920	0.0000
2017-01-27 19:00:00	0.0000	56.7105	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 19:15:00	0.0000	46.7177	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 19:30:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 19:45:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 20:00:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 20:15:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 20:30:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 20:45:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 21:00:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 21:15:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 21:30:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-27 21:45:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 22:00:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 22:15:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 22:30:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 22:45:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 23:00:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 23:15:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-27 23:30:00 2017-01-27 23:45:00	0.0000 0.0000	23.6461 23.6461	0.0000 0.0000	0.1311 0.1311	0.0000 0.0000	13.0920 13.0920	0.0000 0.0000
2017-01-27 23:43:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 00:05:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 00:30:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 00:45:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 01:00:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 01:15:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 01:30:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 01:45:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 02:00:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 02:15:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 02:30:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 02:45:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 03:00:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 03:15:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 03:30:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 03:45:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 04:00:00	0.0000	23.6461	0.0000	0.0605	0.0000	13.0920	0.0000
2017-01-28 04:15:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 04:30:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 04:45:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 05:00:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 05:15:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 05:30:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 05:45:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 06:00:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 06:15:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 06:30:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 06:45:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 07:00:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 07:15:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 07:30:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 07:45:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 08:00:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 08:15:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 08:30:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 08:45:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 09:00:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 09:15:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 09:30:00	0.0000	23.6461	0.0000	0.0185	0.0000	13.0920	0.0000
2017-01-28 09:45:00	0.0000	23.6461	0.0000	0.0347	0.0000	13.0920	0.0000
2017-01-28 10:00:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 10:15:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 10:30:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 10:45:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 11:00:00	0.0378	23.6461	0.0009	0.1311	0.0000	13.0920	0.0010
2017-01-28 11:15:00	0.0811	23.6461	0.0019	0.1311	0.0000	13.0920	0.0021
2017-01-28 11:30:00	0.0194	23.6461	0.0005	0.1311	0.0000	13.0920	0.0005
2017-01-28 11:45:00	0.0635	23.6461	0.0015	0.1311	0.0000	13.0920	0.0016
2017-01-28 12:00:00	0.0256	23.6461	0.0006	0.1311	0.0000	13.0920	0.0007
2017-01-28 12:15:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 12:30:00	0.0000	23.6461	0.0000	0.1311	0.0000	13.0920	0.0000
2017-01-28 12:45:00	0.0000	23.6461	0.0000	0.3099	0.0000	13.0920	0.0000
2017-01-28 13:00:00	0.0000	23.6461	0.0000	0.1243	0.0000	13.0920	0.0000
2017-01-28 13:15:00	0.0205	23.6461	0.0005	0.1243	0.0000	13.0920	0.0005
2017-01-28 13:30:00	0.0000	23.6461	0.0000	0.1243	0.0000	13.0920	0.0000
2017-01-28 13:45:00	0.0187	23.6461	0.0004	0.1243	0.0000	13.0920	0.0005
2017-01-28 14:00:00	0.0000	23.6461	0.0000	0.1243	0.0000	13.0920	0.0000
2017-01-28 14:15:00	0.0697	23.6461	0.0016	0.1243	0.0000	13.0920	0.0018
2017-01-28 14:30:00	0.0180	23.6461	0.0004	0.1243	0.0000	13.0920	0.0005
2017-01-28 14:45:00	0.0242	23.6461	0.0006	0.1243	0.0000	13.0920	0.0006
2017-01-28 15:00:00	0.0000	23.6461	0.0000	0.1243	0.0000	13.0920	0.0000
2017-01-28 15:15:00	0.1070	23.6461	0.0025	0.1243	0.0000	13.0920	0.0027
2017-01-28 15:30:00	0.1170	23.6461	0.0028	0.1243	0.0000	13.0920	0.0030
2017-01-28 15:45:00	0.0428	23.6461	0.0010	0.1243	0.0000	13.0920	0.0011
2017-01-28 16:00:00	0.0915	23.6461	0.0022	0.1243	0.0000	13.0920	0.0023
2017-01-28 16:15:00	0.0812	23.6461	0.0019	0.1243	0.0000	13.0920	0.0021

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-28 16:30:00	0.0666	23.6461	0.0016	0.1243	0.0000	13.0920	0.0017
2017-01-28 16:45:00	0.0217	23.6461	0.0005	0.1243	0.0000	13.0920	0.0006
2017-01-28 17:00:00	0.0721	23.6461	0.0017	0.1243	0.0000	13.0920	0.0018
2017-01-28 17:15:00	0.0271	23.6461	0.0006 0.0009	0.1243	0.0000 0.0000	13.0920 13.0920	0.0007 0.0010
2017-01-28 17:30:00 2017-01-28 17:45:00	0.0395 0.1486	23.6461 23.6461	0.0009	0.1243 0.1243	0.0000	13.0920	0.0010
2017-01-28 17:45:00	0.1486	23.6461	0.0033	0.1243	0.0000	13.0920	0.0038
2017-01-28 18:00:00	0.0636	23.6461	0.0018	0.1243	0.0000	13.0920	0.0020
2017-01-28 18:13:00	0.0593	23.6461	0.0013	0.1243	0.0000	13.0920	0.0015
2017-01-28 18:45:00	0.0186	23.6461	0.0004	0.1243	0.0000	13.0920	0.0005
2017-01-28 19:00:00	0.0000	23.6461	0.0000	0.4648	0.0000	13.0920	0.0000
2017-01-28 19:15:00	0.2595	93.4671	0.0243	1.2595	0.0003	13.0920	0.0066
2017-01-28 19:30:00	1.1889	269.7458	0.3207	0.2534	0.0003	13.0920	0.0302
2017-01-28 19:45:00	0.1791	103.1244	0.0185	0.2534	0.0000	13.0920	0.0045
2017-01-28 20:00:00	1.0700	65.5277	0.0701	0.2534	0.0003	13.0920	0.0272
2017-01-28 20:15:00	14.5662	40.8029	0.5943	0.1517	0.0022	13.0920	0.3700
2017-01-28 20:30:00	16.7420	32.4633	0.5435	0.1401	0.0023	13.0920	0.4252
2017-01-28 20:45:00	16.7595	65.4543	1.0970	0.1401	0.0023	13.0920	0.4257
2017-01-28 21:00:00	19.5183	65.5277	1.2790	0.1401	0.0027	13.0920	0.4957
2017-01-28 21:15:00	13.7300	66.9238	0.9189	0.1474	0.0020	13.0920	0.3487
2017-01-28 21:30:00	0.0000	71.3691	0.0000	0.2437	0.0000	13.0920	0.0000
2017-01-28 21:45:00	0.0000	32.4633	0.0000	0.1414	0.0000	13.0920	0.0000
2017-01-28 22:00:00	0.0000	32.4633	0.0000	0.1414	0.0000	13.0920	0.0000
2017-01-28 22:15:00	0.0000	32.4633	0.0000	0.1414	0.0000	13.0920	0.0000
2017-01-28 22:30:00	0.0000	32.4633	0.0000	0.2589	0.0000	13.0920	0.0000
2017-01-28 22:45:00	0.0000	32.4633	0.0000	0.1435	0.0000	13.0920	0.0000
2017-01-28 23:00:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-28 23:15:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-28 23:30:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-28 23:45:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-29 00:00:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-29 00:15:00 2017-01-29 00:30:00	0.0000 0.0000	32.4633 32.4633	0.0000 0.0000	0.1463 0.1463	0.0000 0.0000	13.0920 13.0920	0.0000 0.0000
2017-01-29 00:30:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-29 00:43:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-29 01:00:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-29 01:30:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-29 01:45:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-29 02:00:00	0.0000	32.4633	0.0000	0.1463	0.0000	13.0920	0.0000
2017-01-29 02:15:00	2.4819	32.4633	0.0806	0.1463	0.0004	13.0920	0.0630
2017-01-29 02:30:00	5.2312	32.4633	0.1698	0.0770	0.0004	13.0920	0.1329
2017-01-29 02:45:00	5.2312	32.4633	0.1698	0.0323	0.0002	13.0920	0.1329
2017-01-29 03:00:00	5.2312	32.4633	0.1698	0.0323	0.0002	13.0920	0.1329
2017-01-29 03:15:00	5.2312	32.4633	0.1698	0.0323	0.0002	13.0920	0.1329
2017-01-29 03:30:00	5.3777	32.4633	0.1746	0.0663	0.0004	13.0920	0.1366
2017-01-29 03:45:00	5.5620	32.4633	0.1806	0.1449	0.0008	13.0920	0.1413
2017-01-29 04:00:00	5.5401	32.4633	0.1798	0.1449	0.0008	13.0920	0.1407
2017-01-29 04:15:00	5.3018	32.4633	0.1721	0.1449	0.0008	13.0920	0.1347
2017-01-29 04:30:00	4.1326	32.4633	0.1342	0.1449	0.0006	13.0920	0.1050
2017-01-29 04:45:00	0.0196	32.4633	0.0006	0.1449	0.0000	13.0920	0.0005
2017-01-29 05:00:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 05:15:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 05:30:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 05:45:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 06:00:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 06:15:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 06:30:00	0.0221	32.4633	0.0007	0.1449	0.0000	13.0920	0.0006
2017-01-29 06:45:00	0.0190	32.4633	0.0006	0.1449	0.0000	13.0920	0.0005
2017-01-29 07:00:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 07:15:00	3.2978 5.0221	32.4633	0.1071	0.1449	0.0005	13.0920 13.0920	0.0838
2017-01-29 07:30:00 2017-01-29 07:45:00	5.0221 5.0221	32.4633 32.4633	0.1630 0.1630	0.1449 0.1449	0.0007 0.0007	13.0920	0.1276 0.1276
2017-01-29 07:45:00	5.0221 5.0221	32.4633	0.1630	0.1449	0.0007	13.0920	0.1276
2017-01-29 08:00:00	5.0221	32.4633	0.1630	0.1449	0.0007	13.0920	0.1276
2017-01-29 08:13:00	5.0221	32.4633	0.1630	0.1449	0.0007	13.0920	0.1276
2017-01-29 08:45:00	5.2660	32.4633	0.1710	0.1449	0.0007	13.0920	0.1337
2017-01-29 09:00:00	5.3569	32.4633	0.1710	0.1449	0.0008	13.0920	0.1361
2017-01-29 09:15:00	1.3177	32.4633	0.0428	0.1449	0.0002	13.0920	0.0335
2017-01-29 09:30:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 09:45:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 10:00:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
		32.4633	0.0013	0.1449	0.0000	13.0920	0.0010
2017-01-29 10:15:00	0.0395	32.4033					
2017-01-29 10:15:00 2017-01-29 10:30:00	0.0395	32.4633	0.0021	0.1449	0.0000	13.0920	0.0016
					0.0000 0.0000		

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-29 11:15:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 11:30:00	0.0431	32.4633	0.0014	0.1449	0.0000	13.0920	0.0011
2017-01-29 11:45:00	0.0194	32.4633	0.0006	0.1449	0.0000	13.0920	0.0005
2017-01-29 12:00:00	0.0189	32.4633	0.0006	0.1449	0.0000	13.0920	0.0005
2017-01-29 12:15:00	0.0436	32.4633	0.0014	0.1449	0.0000	13.0920	0.0011
2017-01-29 12:30:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 12:45:00	0.0182	32.4633	0.0006	0.1449	0.0000	13.0920	0.0005
2017-01-29 13:00:00	0.0825	32.4633	0.0027	0.1449	0.0000	13.0920	0.0021
2017-01-29 13:15:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 13:30:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 13:45:00	0.0186	32.4633	0.0006	0.1449	0.0000	13.0920	0.0005
2017-01-29 14:00:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 14:15:00	0.0372	32.4633	0.0012	0.1449	0.0000	13.0920	0.0009
2017-01-29 14:30:00	0.0184	32.4633	0.0006	0.1449	0.0000	13.0920	0.0005
2017-01-29 14:45:00	0.1020	32.4633	0.0033	0.1449	0.0000	13.0920	0.0026
2017-01-29 15:00:00	0.0710	32.4633	0.0023	0.1449	0.0000	13.0920	0.0018
2017-01-29 15:15:00	0.2740	32.4633	0.0089	0.1449	0.0000	13.0920	0.0070
2017-01-29 15:30:00	0.0782	32.4633	0.0025	0.1449	0.0000	13.0920	0.0020
2017-01-29 15:45:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-29 16:00:00	0.0197	32.4633	0.0006	0.1449	0.0000	13.0920	0.0005
2017-01-29 16:15:00	0.0209	32.4633	0.0007	0.1449	0.0000	13.0920	0.0005
2017-01-29 16:30:00	0.1330	32.4633	0.0043	0.1449	0.0000	13.0920	0.0034
2017-01-29 16:45:00	0.0442	32.4633	0.0014	0.1449	0.0000	13.0920	0.0011
2017-01-29 17:00:00	0.0842	32.4633	0.0027	0.1449	0.0000	13.0920	0.0021
2017-01-29 17:15:00	0.1173	32.4633	0.0038	0.1449	0.0000	13.0920	0.0030
2017-01-29 17:30:00	0.0874	32.4633	0.0028	0.1449	0.0000	13.0920	0.0022
2017-01-29 17:45:00	0.0429	32.4633	0.0014	0.1449	0.0000	13.0920	0.0011
2017-01-29 18:00:00	0.0192	32.4633	0.0006	0.1449	0.0000	13.0920	0.0005
2017-01-29 18:15:00	0.0814	32.4633	0.0026	0.1449	0.0000	13.0920	0.0021
2017-01-29 18:30:00	0.0179	32.4633	0.0006	0.1449	0.0000	13.0920	0.0005
2017-01-29 18:45:00	0.0176	32.4633	0.0006	0.1449	0.0000	13.0920	0.0004
2017-01-29 19:00:00	0.0418	32.4633	0.0014	0.1449	0.0000	13.0920	0.0011
2017-01-29 19:15:00	0.0620	32.4633	0.0020	0.1449	0.0000	13.0920	0.0016
2017-01-29 19:30:00	0.0400	32.4633	0.0013	0.1449	0.0000	13.0920	0.0010
2017-01-29 19:45:00	0.0203	32.4633	0.0007	0.1449	0.0000	13.0920	0.0005
2017-01-29 20:00:00	0.0202	32.4633	0.0007	0.1449	0.0000	13.0920	0.0005
2017-01-29 20:15:00	0.1372	32.4633	0.0045	0.1449	0.0000	13.0920	0.0035
2017-01-29 20:30:00	0.2878	32.4633	0.0093	0.1449	0.0000	13.0920	0.0073
2017-01-29 20:45:00	0.0455	32.4633	0.0015	0.1449	0.0000	13.0920	0.0012
2017-01-29 21:00:00	0.0612	32.4633	0.0020	0.1449	0.0000	13.0920	0.0016
2017-01-29 21:15:00	0.1016	32.4633	0.0033	0.1449	0.0000	13.0920	0.0026
2017-01-29 21:30:00	0.1553	32.4633	0.0050	0.1449	0.0000	13.0920	0.0039
2017-01-29 21:45:00	0.1157	32.4633	0.0038	0.1449	0.0000	13.0920	0.0029
2017-01-29 22:00:00	0.1510	32.4633	0.0049	0.1449	0.0000	13.0920	0.0038
2017-01-29 22:15:00	0.1047	32.4633	0.0034	0.1449	0.0000	13.0920	0.0027
2017-01-29 22:30:00	0.0372	32.4633	0.0012	0.1449	0.0000	13.0920	0.0009
2017-01-29 22:45:00	0.1964	32.4633	0.0064	0.1449	0.0000	13.0920	0.0050
2017-01-29 23:00:00	0.1816	32.4633	0.0059	0.1449	0.0000	13.0920	0.0046
2017-01-29 23:15:00	0.0452	32.4633	0.0015	0.1449	0.0000	13.0920	0.0011
2017-01-29 23:30:00	0.3505	32.4633	0.0114	0.1449	0.0001	13.0920	0.0089
2017-01-29 23:45:00	0.1386	32.4633	0.0045	0.1449	0.0000	13.0920	0.0035
2017-01-30 00:00:00	0.3774	32.4633	0.0123	0.1449	0.0001	13.0920	0.0096
2017-01-30 00:15:00	0.1002	32.4633	0.0033	0.1449	0.0000	13.0920	0.0025
2017-01-30 00:30:00	0.0740	32.4633	0.0024	0.1449	0.0000	13.0920	0.0019
2017-01-30 00:45:00	0.1835	32.4633	0.0060	0.1449	0.0000	13.0920	0.0047
2017-01-30 01:00:00	1.0939	32.4633	0.0355	0.1449	0.0002	13.0920	0.0278
2017-01-30 01:15:00	0.4706	32.4633	0.0153	0.1449	0.0001	13.0920	0.0120
2017-01-30 01:30:00	0.4359	32.4633	0.0142	0.1449	0.0001	13.0920	0.0111
2017-01-30 01:45:00	0.0000	32.4633	0.0000	0.1449	0.0000	13.0920	0.0000
2017-01-30 02:00:00	0.8704	32.4633	0.0283	0.1449	0.0001	13.0920	0.0221
2017-01-30 02:15:00	0.4853	32.4633	0.0158	0.1449	0.0001	13.0920	0.0123
2017-01-30 02:30:00	0.7581	32.4633	0.0246	0.1449	0.0001	13.0920	0.0193
2017-01-30 02:45:00	0.8893	32.4633	0.0289	0.1449	0.0001	13.0920	0.0226
2017-01-30 03:00:00	0.5944	32.4633	0.0193	0.1449	0.0001	13.0920	0.0151
2017-01-30 03:15:00	0.9079	32.4633	0.0295	0.1449	0.0001	13.0920	0.0231
2017-01-30 03:30:00	0.9970	32.4633	0.0324	0.1449	0.0001	13.0920	0.0253
2017-01-30 03:45:00	0.9267	32.4633	0.0301	0.1449	0.0001	13.0920	0.0235
2017-01-30 04:00:00	0.1597	32.4633	0.0052	0.1449	0.0000	13.0920	0.0041
2017-01-30 04:15:00	0.3913	32.4633	0.0127	0.1449	0.0001	13.0920	0.0099
2017-01-30 04:30:00	0.2052	32.4633	0.0067	0.1449	0.0000	13.0920	0.0052
2017-01-30 04:45:00	0.0554	32.4633	0.0018	0.1449	0.0000	13.0920	0.0014
2017-01-30 05:00:00	0.4755	32.4633	0.0154	0.1449	0.0001	13.0920	0.0121
2017-01-30 05:15:00	0.8547	32.4633	0.0277	0.1449	0.0001	13.0920	0.0217
					0.0000		0.0077
2017-01-30 05:30:00 2017-01-30 05:45:00	1.0911 0.7034	32.4633 32.4633	0.0354 0.0228	0.1449	0.0002 0.0001	13.0920 13.0920	0.0277 0.0179

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-30 06:00:00	1.7006	32.4633	0.0552	0.2535	0.0004	13.0920	0.0432
2017-01-30 06:15:00	2.0790	32.4633	0.0675	0.1270	0.0003	13.0920	0.0528
2017-01-30 06:30:00	2.1412	32.4633	0.0695	0.1270	0.0003	13.0920	0.0544
2017-01-30 06:45:00	4.7122	32.4633	0.1530	0.1270	0.0006	13.0920	0.1197
2017-01-30 07:00:00	4.8561	32.4633	0.1576	0.1270	0.0006	13.0920	0.1233
2017-01-30 07:15:00	4.8561	32.4633	0.1576	0.1270	0.0006	13.0920	0.1233
2017-01-30 07:30:00	4.5417	32.4633	0.1474	0.1270	0.0006	13.0920	0.1154
2017-01-30 07:45:00	4.3973	32.4633	0.1427	0.1270	0.0006	13.0920	0.1117
2017-01-30 08:00:00	4.8431	32.4633	0.1572	0.1270	0.0006	13.0920	0.1230
2017-01-30 08:15:00	4.8431	32.4633	0.1572	0.1270	0.0006	13.0920	0.1230
2017-01-30 08:30:00	2.7393	32.4633	0.0889	0.1270	0.0003	13.0920	0.0696
2017-01-30 08:45:00	0.4902	32.4633	0.0159	0.1270	0.0001	13.0920	0.0124
2017-01-30 09:00:00	0.0388	32.4633	0.0013	0.1270	0.0000	13.0920	0.0010
2017-01-30 09:15:00	0.0000	32.4633	0.0000	0.1270	0.0000	13.0920	0.0000
2017-01-30 09:30:00	0.0000	32.4633	0.0000	0.1270	0.0000	13.0920	0.0000
2017-01-30 09:45:00	0.0386	32.4633	0.0013	0.1270	0.0000	13.0920	0.0010
2017-01-30 10:00:00	0.1014	32.4633	0.0033	0.1270	0.0000	13.0920	0.0026
2017-01-30 10:15:00	0.0183	32.4633	0.0006	0.1270	0.0000	13.0920	0.0005
2017-01-30 10:30:00	0.2332	32.4633	0.0076	0.1270	0.0000	13.0920	0.0059
2017-01-30 10:45:00	0.4380	32.4633	0.0142	0.1270	0.0001	13.0920	0.0111
2017-01-30 11:00:00	0.0591	32.4633	0.0019	0.1270	0.0000	13.0920	0.0015
2017-01-30 11:15:00	0.0179	32.4633	0.0006	0.1270	0.0000	13.0920	0.0005
2017-01-30 11:30:00	0.0179	32.4633	0.0006	0.1270	0.0000	13.0920	0.0005
2017-01-30 11:45:00	0.0569	32.4633	0.0018	0.1270	0.0000	13.0920	0.0014
2017-01-30 12:00:00	0.8353	32.4633	0.0271	0.1270	0.0001	13.0920	0.0212
2017-01-30 12:15:00	0.4297	32.4633	0.0139	0.1270	0.0001	13.0920	0.0109
2017-01-30 12:30:00	0.2072	32.4633	0.0067	0.1270	0.0000	13.0920	0.0053
2017-01-30 12:45:00	0.7267	32.4633	0.0236	0.1270	0.0001	13.0920	0.0185
2017-01-30 13:00:00	0.9308	32.4633	0.0302	0.1270	0.0001	13.0920	0.0236
2017-01-30 13:15:00	0.5591	32.4633	0.0182	0.1270	0.0001	13.0920	0.0142
2017-01-30 13:30:00	0.5491	32.4633	0.0178	0.1270	0.0001	13.0920	0.0139
2017-01-30 13:45:00	0.4444	32.4633	0.0144	0.1270	0.0001	13.0920	0.0113
2017-01-30 14:00:00	0.5581	32.4633	0.0181	0.1270	0.0001	13.0920	0.0142
2017-01-30 14:15:00	0.1966	32.4633	0.0064	0.1270	0.0000	13.0920	0.0050
2017-01-30 14:30:00	1.8170	32.4633	0.0590	0.1270	0.0002	13.0920	0.0461
2017-01-30 14:45:00	0.7590	32.4633	0.0246	0.1270	0.0001	13.0920	0.0193
2017-01-30 15:00:00	0.8549	32.4633	0.0278	0.1270	0.0001	13.0920	0.0217
2017-01-30 15:15:00	1.2531	32.4633	0.0407	0.1270	0.0002	13.0920	0.0318
2017-01-30 15:30:00	1.7567	32.4633	0.0570	0.1270	0.0002	13.0920	0.0446
2017-01-30 15:45:00	0.9774	32.4633	0.0317	0.1270	0.0001	13.0920	0.0248
2017-01-30 16:00:00	0.4929	32.4633	0.0160	0.1270	0.0001	13.0920	0.0125
2017-01-30 16:15:00	1.3478	32.4633	0.0438	0.1270	0.0002	13.0920	0.0342
2017-01-30 16:30:00	2.6546	32.4633	0.0862	0.1270	0.0003	13.0920	0.0674
2017-01-30 16:45:00	3.3258	32.4633	0.1080	0.1270	0.0004	13.0920	0.0845
2017-01-30 17:00:00	3.1744	32.4633	0.1031	0.1270	0.0004	13.0920	0.0806
2017-01-30 17:15:00	3.3797	32.4633	0.1097	0.1270	0.0004	13.0920	0.0858
2017-01-30 17:30:00	3.3415	32.4633	0.1085	0.1270	0.0004	13.0920	0.0849
2017-01-30 17:45:00	2.5899	32.4633	0.0841	0.1270	0.0003	13.0920	0.0658
2017-01-30 18:00:00	2.8923	32.4633	0.0939	0.1270	0.0004	13.0920	0.0735
2017-01-30 18:15:00	0.8758	32.4633	0.0284	0.1270	0.0001	13.0920	0.0222
2017-01-30 18:30:00	1.8775	32.4633	0.0610	0.1270	0.0002	13.0920	0.0477
2017-01-30 18:45:00	2.5460	32.4633	0.0827	0.1270	0.0003	13.0920	0.0647
2017-01-30 19:00:00	3.1260	32.4633	0.1015	0.1270	0.0004	13.0920	0.0794
2017-01-30 19:15:00	2.9830	32.4633	0.0968	0.1270	0.0004	13.0920	0.0758
2017-01-30 19:30:00	2.7674	32.4633	0.0898	0.1270	0.0004	13.0920	0.0703
2017-01-30 19:45:00	3.5690	32.4633	0.1159	0.1270	0.0005	13.0920	0.0906
2017-01-30 20:00:00	3.9067	32.4633	0.1268	0.1270	0.0005	13.0920	0.0992
2017-01-30 20:15:00	4.1628	32.4633	0.1351	0.1270	0.0005	13.0920	0.1057
2017-01-30 20:30:00	4.3055	32.4633	0.1398	0.1270	0.0005	13.0920	0.1094
2017-01-30 20:45:00	3.9613	32.4633	0.1286	0.1270	0.0005	13.0920	0.1006
2017-01-30 21:00:00	4.0432	32.4633	0.1313	0.1270	0.0005	13.0920	0.1027
2017-01-30 21:15:00	4.0701	32.4633	0.1321	0.1270	0.0005	13.0920	0.1034
2017-01-30 21:30:00	4.1672	32.4633	0.1353	0.1270	0.0005	13.0920	0.1058
2017-01-30 21:45:00	4.1565	32.4633	0.1349	0.1270	0.0005	13.0920	0.1056
2017-01-30 22:00:00	3.9745	32.4633	0.1290	0.1270	0.0005	13.0920	0.1009
2017-01-30 22:15:00	4.0057	32.4633	0.1300	0.1270	0.0005	13.0920	0.1017
2017-01-30 22:30:00	3.7237	32.4633	0.1209	0.1270	0.0005	13.0920	0.0946
2017-01-30 22:45:00	2.6037	32.4633	0.0845	0.1270	0.0003	13.0920	0.0661
2017-01-30 23:00:00	3.9979	32.4633	0.1298	0.1270	0.0005	13.0920	0.1015
2017-01-30 23:15:00	4.4780	32.4633	0.1454	0.1270	0.0006	13.0920	0.1137
2017-01-30 23:30:00	4.1113	32.4633	0.1335	0.1270	0.0005	13.0920	0.1044
2017-01-30 23:45:00	3.2949	32.4633	0.1070	0.1270	0.0004	13.0920	0.0837
2017-01-31 00:00:00	3.4683	32.4633	0.1126	0.1270	0.0004	13.0920	0.0881
2017-01-31 00:00:00							
2017-01-31 00:05:00	3.4924	32.4633	0.1134	0.1270	0.0004	13.0920	0.0887

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-31 00:45:00	4.0927	32.4633	0.1329	0.1270	0.0005	13.0920	0.1039
2017-01-31 01:00:00	4.3600	32.4633	0.1415	0.1270	0.0006	13.0920	0.1107
2017-01-31 01:15:00	4.3480	32.4633	0.1412	0.1270	0.0006	13.0920	0.1104
2017-01-31 01:30:00	4.3593	32.4633	0.1415	0.1270	0.0006 0.0006	13.0920	0.1107
2017-01-31 01:45:00 2017-01-31 02:00:00	4.3637 4.1399	32.4633 32.4633	0.1417 0.1344	0.1270 0.1270	0.0006	13.0920 13.0920	0.1108 0.1051
2017-01-31 02:00:00	4.1399 4.1699	32.4633	0.1344	0.1270	0.0005	13.0920	0.1051
2017-01-31 02:30:00	4.1699	32.4633	0.1354	0.1270	0.0006	13.0920	0.1039
2017-01-31 02:35:00	4.2932	32.4633	0.1394	0.1270	0.0005	13.0920	0.1090
2017-01-31 03:00:00	3.6197	32.4633	0.1175	0.1270	0.0005	13.0920	0.0919
2017-01-31 03:15:00	3.8685	32.4633	0.1256	0.1270	0.0005	13.0920	0.0983
2017-01-31 03:30:00	3.4084	32.4633	0.1106	0.1270	0.0004	13.0920	0.0866
2017-01-31 03:45:00	3.2846	32.4633	0.1066	0.1270	0.0004	13.0920	0.0834
2017-01-31 04:00:00	3.5022	32.4633	0.1137	0.1270	0.0004	13.0920	0.0890
2017-01-31 04:15:00	4.2746	32.4633	0.1388	0.1270	0.0005	13.0920	0.1086
2017-01-31 04:30:00	3.4603	32.4633	0.1123	0.1270	0.0004	13.0920	0.0879
2017-01-31 04:45:00	1.9781	32.4633	0.0642	0.1270	0.0003	13.0920	0.0502
2017-01-31 05:00:00	2.4007	32.4633	0.0779	0.1270	0.0003	13.0920	0.0610
2017-01-31 05:15:00	2.6067	32.4633	0.0846	0.1270	0.0003	13.0920	0.0662
2017-01-31 05:30:00	3.6338	32.4633	0.1180	0.1270	0.0005	13.0920	0.0923
2017-01-31 05:45:00	3.3968	32.4633	0.1103	0.1270	0.0004	13.0920	0.0863
2017-01-31 06:00:00	3.3503	32.4633	0.1088	0.1270	0.0004	13.0920	0.0851
2017-01-31 06:15:00	3.1568	32.4633	0.1025	0.1270	0.0004	13.0920	0.0802
2017-01-31 06:30:00	3.8429	32.4633	0.1248	0.1270	0.0005	13.0920	0.0976
2017-01-31 06:45:00	3.8267	32.4633	0.1242	0.1270	0.0005	13.0920	0.0972
2017-01-31 07:00:00	2.4963	32.4633	0.0810	0.1270	0.0003	13.0920	0.0634
2017-01-31 07:15:00	2.4021	32.4633	0.0780	0.1270	0.0003	13.0920	0.0610
2017-01-31 07:30:00	0.6080	32.4633	0.0197	0.1270	0.0001	13.0920	0.0154
2017-01-31 07:45:00 2017-01-31 08:00:00	0.2093	32.4633 32.4633	0.0068 0.0437	0.1270 0.1270	0.0000 0.0002	13.0920 13.0920	0.0053 0.0342
2017-01-31 08:00:00	1.3457 2.6963	32.4633	0.0437	0.1270	0.0002	13.0920	0.0342
2017-01-31 08:30:00	1.2585	32.4633	0.0409	0.1270	0.0003	13.0920	0.0320
2017-01-31 08:45:00	0.1305	32.4633	0.0042	0.1270	0.0002	13.0920	0.0033
2017-01-31 09:00:00	0.1282	32.4633	0.0042	0.1270	0.0000	13.0920	0.0033
2017-01-31 09:15:00	0.0183	32.4633	0.0006	0.1270	0.0000	13.0920	0.0005
2017-01-31 09:30:00	0.1670	32.4633	0.0054	0.1270	0.0000	13.0920	0.0042
2017-01-31 09:45:00	0.3446	32.4633	0.0112	0.1270	0.0000	13.0920	0.0088
2017-01-31 10:00:00	0.5089	32.4633	0.0165	0.1270	0.0001	13.0920	0.0129
2017-01-31 10:15:00	1.4164	32.4633	0.0460	0.1270	0.0002	13.0920	0.0360
2017-01-31 10:30:00	3.1346	32.4633	0.1018	0.1270	0.0004	13.0920	0.0796
2017-01-31 10:45:00	3.9791	32.4633	0.1292	0.1962	0.0008	13.0920	0.1011
2017-01-31 11:00:00	4.0562	32.4633	0.1317	0.1736	0.0007	13.0920	0.1030
2017-01-31 11:15:00	3.4163	32.4633	0.1109	0.1270	0.0004	13.0920	0.0868
2017-01-31 11:30:00	1.4686	32.4633	0.0477	0.1270	0.0002	13.0920	0.0373
2017-01-31 11:45:00	1.5080	32.4633	0.0490	0.1270	0.0002	13.0920	0.0383
2017-01-31 12:00:00	3.9615	32.4633	0.1286	0.1270	0.0005	13.0920	0.1006
2017-01-31 12:15:00	3.9890	32.4633	0.1295	0.1350	0.0005	13.0920	0.1013
2017-01-31 12:30:00	3.8984	32.4633	0.1266	0.2410	0.0009	13.0920	0.0990
2017-01-31 12:45:00	3.1644	32.4633	0.1027	0.2410	0.0008	13.0920	0.0804
2017-01-31 13:00:00	2.9676	32.4633	0.0963	0.2410	0.0007	13.0920	0.0754
2017-01-31 13:15:00 2017-01-31 13:30:00	1.5727 1.0379	32.4633 32.4633	0.0511 0.0337	0.2410 0.2410	0.0004 0.0003	13.0920 13.0920	0.0399 0.0264
2017-01-31 13:45:00	0.8191	32.4633	0.0337	0.2410	0.0003	13.0920	0.0264
2017-01-31 13:43:00	2.4761	32.4633	0.0200	0.2410	0.0002	13.0920	0.0629
2017-01-31 14:15:00	1.2057	32.4633	0.0391	0.1450	0.0002	13.0920	0.0306
2017-01-31 14:30:00	2.3496	32.4633	0.0763	0.1277	0.0003	13.0920	0.0597
2017-01-31 14:45:00	4.3789	32.4633	0.1422	0.1277	0.0006	13.0920	0.1112
2017-01-31 15:00:00	4.7108	32.4633	0.1529	0.1277	0.0006	13.0920	0.1196
2017-01-31 15:15:00	4.3145	32.4633	0.1401	0.2375	0.0010	13.0920	0.1096
2017-01-31 15:30:00	4.1333	32.4633	0.1342	0.2417	0.0010	13.0920	0.1050
2017-01-31 15:45:00	3.7889	32.4633	0.1230	0.2417	0.0009	13.0920	0.0962
2017-01-31 16:00:00	3.3180	32.4633	0.1077	0.2417	0.0008	13.0920	0.0843
2017-01-31 16:15:00	1.8976	32.4633	0.0616	0.2417	0.0005	13.0920	0.0482
2017-01-31 16:30:00	1.9958	32.4633	0.0648	0.2417	0.0005	13.0920	0.0507
2017-01-31 16:45:00	1.4391	32.4633	0.0467	0.2417	0.0003	13.0920	0.0366
2017-01-31 17:00:00	1.2515	32.4633	0.0406	0.2150	0.0003	13.0920	0.0318
2017-01-31 17:15:00	2.0209	32.4633	0.0656	0.1284	0.0003	13.0920	0.0513
2017-01-31 17:30:00	1.2110	32.4633	0.0393	0.1284	0.0002	13.0920	0.0308
2017-01-31 17:45:00	1.3647	32.4633	0.0443	0.1059	0.0001	13.0920	0.0347
2017-01-31 18:00:00	0.8477	32.4633	0.0275	0.1277	0.0001	13.0920	0.0215
2017-01-31 18:15:00	0.8003	32.4633	0.0260	0.1277	0.0001	13.0920	0.0203
2017-01-31 18:30:00	0.9521	32.4633	0.0309	0.1277	0.0001	13.0920	0.0242
2017-01-31 18:45:00	0.2656	32.4633	0.0086	0.1277	0.0000	13.0920	0.0067
2017-01-31 19:00:00	0.1996	32.4633	0.0065	0.1277	0.0000	13.0920	0.0051
2017-01-31 19:15:00	0.4863	32.4633	0.0158	0.1277	0.0001	13.0920	0.0124

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N2	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-01-31 19:30:00	0.1416	32.4633	0.0046	0.1277	0.0000	13.0920	0.0036
2017-01-31 19:45:00	0.3397	32.4633	0.0110	0.1277	0.0000	13.0920	0.0086
2017-01-31 20:00:00	0.3938	32.4633	0.0128	0.1277	0.0001	13.0920	0.0100
2017-01-31 20:15:00	0.7832	32.4633	0.0254	0.1277	0.0001	13.0920	0.0199
2017-01-31 20:30:00	0.4982	32.4633	0.0162	0.1277	0.0001	13.0920	0.0127
2017-01-31 20:45:00	0.2977	32.4633	0.0097	0.1277	0.0000	13.0920	0.0076
2017-01-31 21:00:00	0.5391	32.4633	0.0175	0.1277	0.0001	13.0920	0.0137
2017-01-31 21:15:00 2017-01-31 21:30:00	0.5840 0.9034	32.4633 32.4633	0.0190 0.0293	0.1277 0.1277	0.0001 0.0001	13.0920 13.0920	0.0148 0.0229
				0.1277	0.0001	13.0920	0.0229
2017-01-31 21:45:00 2017-01-31 22:00:00	1.6565	32.4633	0.0538 0.0354	0.1277	0.0002	13.0920	0.0421
	1.0898	32.4633		0.1277		13.0920	
2017-01-31 22:15:00 2017-01-31 22:30:00	1.4933 0.3430	32.4633 32.4633	0.0485 0.0111	0.1277	0.0002 0.0000	13.0920	0.0379 0.0087
2017-01-31 22:45:00	0.9278	32.4633	0.0111	0.1277	0.0000	13.0920	0.0087
2017-01-31 22:43:00	0.9690	32.4633	0.0301	0.1277	0.0001	13.0920	0.0236
2017-01-31 23:00:00	0.2523	32.4633	0.0082	0.1277	0.0001	13.0920	0.0064
2017-01-31 23:30:00	0.2323	32.4633	0.0082	0.1277	0.0000	13.0920	0.0086
2017-01-31 23:35:00	0.6493	32.4633	0.0211	0.1277	0.0001	13.0920	0.0165
2017-01-31 23:43:00	0.7202	32.4633	0.0211	0.1277	0.0001	13.0920	0.0183
2017-02-01 00:00:00	0.2736	32.4633	0.0089	0.1277	0.0001	13.0920	0.0069
2017-02-01 00:15:00	0.2736	32.4633	0.0089	0.1277	0.0000	13.0920	0.0069
2017-02-01 00:30:00	0.0670	32.4633	0.0032	0.1277	0.0000	13.0920	0.0025
2017-02-01 00:43:00	0.0864	32.4633	0.0022	0.0000	0.0000	13.0920	0.0017
2017-02-01 01:00:00	0.1382	32.4633	0.0028	0.0591	0.0000	13.0920	0.0022
2017-02-01 01:13:00	0.1153	32.4633	0.0043	0.0000	0.0000	13.0920	0.0033
2017-02-01 01:45:00	0.1019	32.4633	0.0033	0.0020	0.0000	13.0920	0.0026
2017-02-01 02:00:00	0.4053	32.4633	0.0132	0.1133	0.0000	13.0920	0.0103
2017-02-01 02:15:00	0.2197	32.4633	0.0071	0.1133	0.0000	13.0920	0.0056
2017-02-01 02:30:00	0.5969	32.4633	0.0194	0.1133	0.0001	13.0920	0.0152
2017-02-01 02:45:00	0.5826	32.4633	0.0189	0.1133	0.0001	13.0920	0.0148
2017-02-01 03:00:00	1.0405	32.4633	0.0338	0.1133	0.0001	13.0920	0.0264
2017-02-01 03:15:00	1.2543	32.4633	0.0407	0.1133	0.0001	13.0920	0.0319
2017-02-01 03:30:00	1.7811	32.4633	0.0578	0.1133	0.0002	13.0920	0.0452
2017-02-01 03:45:00	2.9548	32.4633	0.0959	0.1133	0.0003	13.0920	0.0750
2017-02-01 04:00:00	3.9585	32.4633	0.1285	0.1133	0.0004	13.0920	0.1005
2017-02-01 04:15:00	4.1971	32.4633	0.1363	0.1133	0.0005	13.0920	0.1066
2017-02-01 04:30:00	2.9949	32.4633	0.0972	0.1133	0.0003	13.0920	0.0761
2017-02-01 04:45:00	0.5593	32.4633	0.0182	0.1133	0.0001	13.0920	0.0142
2017-02-01 05:00:00	0.5332	32.4633	0.0173	0.1133	0.0001	13.0920	0.0135
2017-02-01 05:15:00	1.4228	32.4633	0.0462	0.1133	0.0002	13.0920	0.0361
2017-02-01 05:30:00	2.4953	32.4633	0.0810	0.1133	0.0003	13.0920	0.0634
2017-02-01 05:45:00	2.8551	32.4633	0.0927	0.1133	0.0003	13.0920	0.0725
2017-02-01 06:00:00	4.0706	32.4633	0.1321	0.1133	0.0005	13.0920	0.1034
2017-02-01 06:15:00	4.1486	32.4633	0.1347	0.1133	0.0005	13.0920	0.1054
2017-02-01 06:30:00	3.5596	32.4633	0.1156	0.1133	0.0004	13.0920	0.0904
2017-02-01 06:45:00	2.6825	32.4633	0.0871	0.1133	0.0003	13.0920	0.0681
2017-02-01 07:00:00	2.6477	32.4633	0.0860	0.1133	0.0003	13.0920	0.0672
2017-02-01 07:15:00	3.5118	32.4633	0.1140	0.1133	0.0004	13.0920	0.0892
2017-02-01 07:30:00	1.1199	32.4633	0.0364	0.1133	0.0001	13.0920	0.0284
2017-02-01 07:45:00	0.3085	32.4633	0.0100	0.1133	0.0000	13.0920	0.0078
2017-02-01 08:00:00	0.6729	32.4633	0.0218	0.1133	0.0001	13.0920	0.0171
2017-02-01 08:15:00	0.0574	32.4633	0.0019	0.1133	0.0000	13.0920	0.0015
2017-02-01 08:30:00	0.0000	32.4633	0.0000	0.2216	0.0000	13.0920	0.0000
2017-02-01 08:45:00	0.0000	32.4633	0.0000	0.2266	0.0000	13.0920	0.0000
2017-02-01 09:00:00	0.0000	32.4633	0.0000	0.2266	0.0000	13.0920	0.0000
2017-02-01 09:15:00	0.0924	32.4633	0.0030	0.2266	0.0000	13.0920	0.0023
2017-02-01 09:30:00	0.1320	32.4633	0.0043	0.2266	0.0000	13.0920	0.0034
2017-02-01 09:45:00	0.2683	32.4633	0.0087	0.2266	0.0001	13.0920	0.0068
2017-02-01 10:00:00	1.1762	32.4633	0.0382	0.2266	0.0003	13.0920	0.0299
2017-02-01 10:15:00	2.2786	32.4633	0.0740	0.2266	0.0005	13.0920	0.0579
2017-02-01 10:30:00	3.5920	32.4633	0.1166	0.2266	0.0008	13.0920	0.0912
2017-02-01 10:45:00	3.8901	32.4633	0.1263	0.2266	0.0009	13.0920	0.0988
2017-02-01 11:00:00	4.2318	32.4633	0.1374	0.2266	0.0010	13.0920	0.1075
2017-02-01 11:15:00	4.4756	32.4633	0.1453	0.2266	0.0010	13.0920	0.1137
2017-02-01 11:30:00	4.4817	32.4633	0.1455	0.2266	0.0010	13.0920	0.1138
2017-02-01 11:45:00	4.5429	32.4633	0.1475	0.2266	0.0010	13.0920	0.1154
2017-02-01 12:00:00	4.7682	32.4633	0.1548	0.2266	0.0011	13.0920	0.1211
2017-02-01 12:15:00	4.2396	32.4633	0.1376	0.1694	0.0007	13.0920	0.1077
2017-02-01 12:30:00	1.8722	32.4633	0.0608	0.2362	0.0004	13.0920	0.0476
2017-02-01 12:45:00	2.2348	32.4633	0.0725	0.3440	0.0008	13.0920	0.0568
2017-02-01 13:00:00	2.4248	32.4633	0.0787	0.3440	0.0008	13.0920	0.0616
2017-02-01 13:15:00	1.8228	32.4633	0.0592	0.3440	0.0006	13.0920	0.0463
	1.3956	32.4633	0.0453	0.3335	0.0005	13.0920	0.0354
2017-02-01 13:30:00							
2017-02-01 13:30:00 2017-02-01 13:45:00 2017-02-01 14:00:00	0.9623 1.6029	32.4633 32.4633	0.0312 0.0520	0.2314 0.2314	0.0002 0.0004	13.0920 13.0920	0.0244 0.0407

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-01 14:15:00	0.7198	32.4633	0.0234	0.2314	0.0002	13.0920	0.0183
2017-02-01 14:30:00	0.5105	32.4633	0.0166	0.2314	0.0001	13.0920	0.0130
2017-02-01 14:45:00	3.2642	32.4633	0.1060	0.2314	0.0008	13.0920	0.0829
2017-02-01 15:00:00	3.0556 2.4827	32.4633	0.0992 0.0806	0.2314 0.2314	0.0007 0.0006	13.0920 13.0920	0.0776 0.0631
2017-02-01 15:15:00 2017-02-01 15:30:00	0.9087	32.4633 32.4633	0.0806	0.2314	0.0006	13.0920	0.0631
2017-02-01 15:45:00	0.6626	32.4633	0.0293	0.2314	0.0002	13.0920	0.0168
2017-02-01 16:00:00	0.1991	32.4633	0.0065	0.2314	0.0002	13.0920	0.0051
2017-02-01 16:15:00	1.1785	32.4633	0.0383	0.2314	0.0003	13.0920	0.0299
2017-02-01 16:30:00	0.8128	32.4633	0.0264	0.1547	0.0001	13.0920	0.0206
2017-02-01 16:45:00	0.8801	32.4633	0.0286	0.1119	0.0001	13.0920	0.0224
2017-02-01 17:00:00	0.8954	32.4633	0.0291	0.1119	0.0001	13.0920	0.0227
2017-02-01 17:15:00	0.7145	32.4633	0.0232	0.1119	0.0001	13.0920	0.0181
2017-02-01 17:30:00	0.6381	32.4633	0.0207	0.1119	0.0001	13.0920	0.0162
2017-02-01 17:45:00	0.3382	32.4633	0.0110	0.1119	0.0000	13.0920	0.0086
2017-02-01 18:00:00	1.2667	32.4633	0.0411	0.1119	0.0001	13.0920	0.0322
2017-02-01 18:15:00	0.9310	32.4633	0.0302	0.1119	0.0001	13.0920	0.0236
2017-02-01 18:30:00	0.1652	32.4633	0.0054	0.1119	0.0000 0.0000	13.0920	0.0042
2017-02-01 18:45:00	0.4266	32.4633	0.0138	0.1119	0.0000	13.0920	0.0108
2017-02-01 19:00:00 2017-02-01 19:15:00	0.4363 0.7182	32.4633 32.4633	0.0142 0.0233	0.1119 0.1119	0.0000	13.0920 13.0920	0.0111 0.0182
2017-02-01 19:15:00	0.4102	32.4633	0.0233	0.1119	0.0001	13.0920	0.0182
2017-02-01 19:45:00	0.8821	32.4633	0.0286	0.1119	0.0001	13.0920	0.0224
2017-02-01 20:00:00	0.3398	32.4633	0.0110	0.1119	0.0000	13.0920	0.0086
2017-02-01 20:15:00	0.2788	32.4633	0.0091	0.1119	0.0000	13.0920	0.0071
2017-02-01 20:30:00	0.2572	32.4633	0.0083	0.1119	0.0000	13.0920	0.0065
2017-02-01 20:45:00	0.3439	32.4633	0.0112	0.1119	0.0000	13.0920	0.0087
2017-02-01 21:00:00	0.3234	32.4633	0.0105	0.1119	0.0000	13.0920	0.0082
2017-02-01 21:15:00	0.5589	32.4633	0.0181	0.1119	0.0001	13.0920	0.0142
2017-02-01 21:30:00	0.5062	32.4633	0.0164	0.1119	0.0001	13.0920	0.0129
2017-02-01 21:45:00	0.8387	32.4633	0.0272	0.1119	0.0001	13.0920	0.0213
2017-02-01 22:00:00	0.3247	32.4633	0.0105	0.1119	0.0000	13.0920	0.0082
2017-02-01 22:15:00	0.2481	32.4633	0.0081	0.1119	0.0000	13.0920	0.0063
2017-02-01 22:30:00	0.2441	32.4633	0.0079	0.1119	0.0000	13.0920	0.0062
2017-02-01 22:45:00 2017-02-01 23:00:00	0.2251	32.4633 32.4633	0.0073	0.1119 0.1119	0.0000 0.0001	13.0920	0.0057 0.0326
2017-02-01 23:00:00	1.2853 3.3712	32.4633	0.0417 0.1094	0.1119	0.0001	13.0920 13.0920	0.0326
2017-02-01 23:13:00	0.8455	32.4633	0.0274	0.1119	0.0004	13.0920	0.0215
2017-02-01 23:45:00	0.0000	32.4633	0.0000	0.1119	0.0000	13.0920	0.0000
2017-02-02 00:00:00	0.0000	32.4633	0.0000	0.1119	0.0000	13.0920	0.0000
2017-02-02 00:15:00	0.0000	32.4633	0.0000	0.1119	0.0000	13.0920	0.0000
2017-02-02 00:30:00	0.0000	32.4633	0.0000	0.1119	0.0000	13.0920	0.0000
2017-02-02 00:45:00	0.0395	32.4633	0.0013	0.1119	0.0000	13.0920	0.0010
2017-02-02 01:00:00	0.0000	32.4633	0.0000	0.1119	0.0000	13.0920	0.0000
2017-02-02 01:15:00	0.1390	32.4633	0.0045	0.1119	0.0000	13.0920	0.0035
2017-02-02 01:30:00	0.2747	32.4633	0.0089	0.1119	0.0000	13.0920	0.0070
2017-02-02 01:45:00	0.0407	32.4633	0.0013	0.1119	0.0000	13.0920	0.0010
2017-02-02 02:00:00	0.0190	32.4633	0.0006	0.1119	0.0000	13.0920	0.0005
2017-02-02 02:15:00	0.0916	32.4633	0.0030	0.1119	0.0000	13.0920	0.0023
2017-02-02 02:30:00 2017-02-02 02:45:00	0.0211 0.0225	32.4633 32.4633	0.0007 0.0007	0.1119 0.1119	0.0000 0.0000	13.0920 13.0920	0.0005 0.0006
2017-02-02 02:45:00	0.0225	32.4633	0.0007	0.1119	0.0000	13.0920	0.0006
2017-02-02 03:00:00	0.0433	32.4633	0.0013	0.1119	0.0000	13.0920	0.0012
2017-02-02 03:30:00	0.0589	32.4633	0.0019	0.1119	0.0000	13.0920	0.0017
2017-02-02 03:45:00	0.3383	32.4633	0.0110	0.1119	0.0000	13.0920	0.0086
2017-02-02 04:00:00	0.4052	32.4633	0.0132	0.1119	0.0000	13.0920	0.0103
2017-02-02 04:15:00	1.2992	32.4633	0.0422	0.1119	0.0001	13.0920	0.0330
2017-02-02 04:30:00	3.0027	32.4633	0.0975	0.1119	0.0003	13.0920	0.0763
2017-02-02 04:45:00	4.2075	32.4633	0.1366	0.1119	0.0005	13.0920	0.1069
2017-02-02 05:00:00	4.3751	32.4633	0.1420	0.1119	0.0005	13.0920	0.1111
2017-02-02 05:15:00	4.5247	32.4633	0.1469	0.1119	0.0005	13.0920	0.1149
2017-02-02 05:30:00	4.2607	32.4633	0.1383	0.1119	0.0005	13.0920	0.1082
2017-02-02 05:45:00	4.6476	32.4633	0.1509	0.1119	0.0005	13.0920	0.1180
2017-02-02 06:00:00	4.6610	32.4633	0.1513	0.1119	0.0005	13.0920	0.1184
2017-02-02 06:15:00 2017-02-02 06:30:00	4.4910 4.6184	32.4633 32.4633	0.1458 0.1499	0.1119 0.1119	0.0005 0.0005	13.0920 13.0920	0.1141 0.1173
2017-02-02 06:30:00	4.8344	32.4633	0.1499	0.1119	0.0005	13.0920	0.1173
2017-02-02 00:43:00	3.9232	32.4633	0.1309	0.1119	0.0003	13.0920	0.0996
2017-02-02 07:00:00	2.7358	32.4633	0.0888	0.1119	0.0004	13.0920	0.0695
2017-02-02 07:30:00	1.9377	32.4633	0.0629	0.1119	0.0002	13.0920	0.0492
	2.2162	32.4633	0.0719	0.1119	0.0002	13.0920	0.0563
2017-02-02 07:45:00						1	
2017-02-02 07:45:00 2017-02-02 08:00:00	1.6913	32.4633	0.0549	0.1119	0.0002	13.0920	0.0430
		32.4633 32.4633	0.0549 0.0258	0.1119 0.1119	0.0002 0.0001	13.0920 13.0920	0.0430 0.0202
2017-02-02 08:00:00	1.6913						

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-02 09:00:00	0.5132	32.4633	0.0167	0.1119	0.0001	13.0920	0.0130
2017-02-02 09:15:00	0.7320	32.4633	0.0238	0.1119	0.0001	13.0920	0.0186
2017-02-02 09:30:00	0.3452	32.4633	0.0112	0.1119	0.0000	13.0920	0.0088
2017-02-02 09:45:00	0.0805	32.4633	0.0026	0.1119	0.0000	13.0920	0.0020
2017-02-02 10:00:00	0.0857	32.4633	0.0028	0.1119	0.0000	13.0920	0.0022
2017-02-02 10:15:00	0.0847	32.4633	0.0027	0.1119	0.0000	13.0920	0.0022
2017-02-02 10:30:00	0.0169	32.4633	0.0005	0.1119	0.0000	13.0920	0.0004
2017-02-02 10:45:00	0.1111	32.4633	0.0036	0.1119	0.0000	13.0920	0.0028
2017-02-02 11:00:00	0.3467	32.4633	0.0113	0.1119	0.0000	13.0920	0.0088
2017-02-02 11:15:00	0.0455	32.4633	0.0015	0.1119	0.0000	13.0920	0.0012
2017-02-02 11:30:00	0.2315	32.4633	0.0075	0.1119	0.0000	13.0920	0.0059
2017-02-02 11:45:00	0.5801	32.4633	0.0188	0.1119	0.0001	13.0920	0.0147
2017-02-02 12:00:00	0.8980	32.4633	0.0292	0.1119	0.0001	13.0920	0.0228
2017-02-02 12:15:00	1.2674	32.4633	0.0411	0.1119	0.0001	13.0920	0.0322
2017-02-02 12:30:00	0.1403	32.4633	0.0046	0.1119	0.0000	13.0920	0.0036
2017-02-02 12:45:00	0.9878	32.4633	0.0321	0.1119	0.0001	13.0920	0.0251
2017-02-02 13:00:00	0.8871	32.4633	0.0288	0.1119	0.0001	13.0920	0.0225
2017-02-02 13:15:00	2.1476	32.4633	0.0697	0.1119	0.0002	13.0920	0.0545
2017-02-02 13:30:00	1.0340	32.4633	0.0336	0.1119	0.0001	13.0920	0.0263
2017-02-02 13:45:00	0.4530	32.4633	0.0147	0.1119	0.0001	13.0920	0.0115
2017-02-02 14:00:00	0.3297	32.4633	0.0107	0.1119	0.0000	13.0920	0.0084
2017-02-02 14:15:00 2017-02-02 14:30:00	0.3325 0.2950	32.4633 32.4633	0.0108 0.0096	0.1119 0.1119	0.0000	13.0920 13.0920	0.0084 0.0075
2017-02-02 14:30:00 2017-02-02 14:45:00	0.2950 0.5428	32.4633 32.4633	0.0096	0.1119	0.0000 0.0001	13.0920	0.0075
2017-02-02 14:43:00		32.4633		0.1119			0.0138
2017-02-02 15:00:00	0.8288 0.4740	32.4633	0.0269 0.0154	0.1119	0.0001 0.0001	13.0920 13.0920	0.0210
2017-02-02 15:13:00	0.4187	32.4633	0.0134	0.1119	0.0001	13.0920	0.0120
2017-02-02 15:35:00	0.7380	32.4633	0.0240	0.1119	0.0001	13.0920	0.0100
2017-02-02 15:45:00	1.0293	32.4633	0.0334	0.1119	0.0001	13.0920	0.0167
2017-02-02 16:05:00	0.4083	32.4633	0.0133	0.1119	0.0000	13.0920	0.0104
2017-02-02 16:30:00	1.9626	32.4633	0.0637	0.1119	0.0002	13.0920	0.0498
2017-02-02 16:45:00	2.3295	32.4633	0.0756	0.1682	0.0004	13.0920	0.0592
2017-02-02 17:00:00	1.5294	32.4633	0.0497	0.2245	0.0003	13.0920	0.0388
2017-02-02 17:15:00	2.1318	32.4633	0.0692	0.2245	0.0005	13.0920	0.0541
2017-02-02 17:30:00	2.7380	32.4633	0.0889	0.2245	0.0006	13.0920	0.0695
2017-02-02 17:45:00	1.8224	32.4633	0.0592	0.2245	0.0004	13.0920	0.0463
2017-02-02 18:00:00	1.2163	32.4633	0.0395	0.2245	0.0003	13.0920	0.0309
2017-02-02 18:15:00	0.2644	32.4633	0.0086	0.1504	0.0000	13.0920	0.0067
2017-02-02 18:30:00	1.4239	32.4633	0.0462	0.1112	0.0002	13.0920	0.0362
2017-02-02 18:45:00	0.9983	32.4633	0.0324	0.1112	0.0001	13.0920	0.0254
2017-02-02 19:00:00	0.3600	32.4633	0.0117	0.1112	0.0000	13.0920	0.0091
2017-02-02 19:15:00	1.3640	32.4633	0.0443	0.1112	0.0002	13.0920	0.0346
2017-02-02 19:30:00	1.2730	32.4633	0.0413	0.1112	0.0001	13.0920	0.0323
2017-02-02 19:45:00	1.5062	32.4633	0.0489	0.1112	0.0002	13.0920	0.0383
2017-02-02 20:00:00	0.6829	32.4633	0.0222	0.1112	0.0001	13.0920	0.0173
2017-02-02 20:15:00	1.0338	32.4633	0.0336	0.1112	0.0001	13.0920	0.0263
2017-02-02 20:30:00	2.0802	32.4633	0.0675	0.1112	0.0002	13.0920	0.0528
2017-02-02 20:45:00	3.2407	32.4633	0.1052	0.1112	0.0004	13.0920	0.0823
2017-02-02 21:00:00	4.0431	32.4633	0.1313	0.1112	0.0004	13.0920	0.1027
2017-02-02 21:15:00	1.5718	32.4633	0.0510	0.1112	0.0002	13.0920	0.0399
2017-02-02 21:30:00	2.1510	32.4633	0.0698	0.1112	0.0002	13.0920	0.0546
2017-02-02 21:45:00	0.5799	32.4633	0.0188	0.1112	0.0001	13.0920	0.0147
2017-02-02 22:00:00	0.1326	32.4633	0.0043	0.1112	0.0000	13.0920	0.0034
2017-02-02 22:15:00	0.0559	32.4633	0.0018	0.1112	0.0000	13.0920	0.0014
2017-02-02 22:30:00	0.0810	32.4633	0.0026	0.1112	0.0000	13.0920	0.0021
2017-02-02 22:45:00	0.6331	32.4633	0.0206	0.1112	0.0001	13.0920	0.0161
2017-02-02 23:00:00	0.0180	32.4633	0.0006	0.1112	0.0000	13.0920	0.0005
2017-02-02 23:15:00	0.2163	32.4633	0.0070	0.1112	0.0000	13.0920	0.0055
2017-02-02 23:30:00	0.3926	32.4633	0.0127	0.1112	0.0000	13.0920	0.0100
2017-02-02 23:45:00	1.2438	32.4633	0.0404	0.1112	0.0001	13.0920	0.0316
2017-02-03 00:00:00	0.9488	32.4633	0.0308	0.1112	0.0001	13.0920	0.0241
2017-02-03 00:15:00	0.0183	32.4633	0.0006	0.1112	0.0000	13.0920	0.0005
2017-02-03 00:30:00	0.0000	32.4633	0.0000	0.1112	0.0000	13.0920	0.0000
2017-02-03 00:45:00	0.0383	32.4633	0.0012	0.1112	0.0000	13.0920	0.0010
2017-02-03 01:00:00	0.1033	32.4633	0.0034	0.1112	0.0000	13.0920	0.0026
2017-02-03 01:15:00	0.1915	32.4633	0.0062	0.1112	0.0000	13.0920	0.0049
2017-02-03 01:30:00	0.1832	32.4633	0.0059	0.1112	0.0000	13.0920	0.0047
2017-02-03 01:45:00	1.6222	32.4633	0.0527	0.1112	0.0002	13.0920	0.0412
2017-02-03 02:00:00	0.9587	32.4633	0.0311	0.1112	0.0001	13.0920	0.0243
2017-02-03 02:15:00	1.9989	32.4633	0.0649	0.1112	0.0002	13.0920	0.0508
2017-02-03 02:30:00	2.7520	32.4633	0.0893	0.1112	0.0003	13.0920	0.0699
2017-02-03 02:45:00	4.1557	32.4633	0.1349	0.1112	0.0005	13.0920	0.1055
2017-02-03 03:00:00	2.8384	32.4633	0.0921	0.1112	0.0003	13.0920	0.0721
2017-02-03 03:15:00	1.7396	32.4633	0.0565	0.1112	0.0002	13.0920	0.0442
2017-02-03 03:30:00	0.0591	32.4633	0.0019	0.1112	0.0000	13.0920	0.0015

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-03 03:45:00	0.4160	32.4633	0.0135	0.1112	0.0000	13.0920	0.0106
2017-02-03 04:00:00	0.1970	32.4633	0.0064	0.1112	0.0000	13.0920	0.0050
2017-02-03 04:15:00	0.3208	32.4633	0.0104	0.1112	0.0000	13.0920	0.0081
2017-02-03 04:30:00	2.7135	32.4633	0.0881	0.1112	0.0003	13.0920	0.0689
2017-02-03 04:45:00	4.4921	32.4633	0.1458	0.1112	0.0005	13.0920	0.1141
2017-02-03 05:00:00	4.5112	32.4633	0.1464	0.1112	0.0005	13.0920	0.1146
2017-02-03 05:15:00	1.4187	32.4633	0.0461	0.1112	0.0002	13.0920	0.0360
2017-02-03 05:30:00	0.4134	32.4633	0.0134	0.1112	0.0000	13.0920	0.0105
2017-02-03 05:45:00	0.1855	32.4633	0.0060	0.1112	0.0000	13.0920	0.0047
2017-02-03 06:00:00	0.2495	32.4633	0.0081	0.1112	0.0000	13.0920	0.0063
2017-02-03 06:15:00	0.3626	32.4633	0.0118	0.1112	0.0000	13.0920	0.0092
2017-02-03 06:30:00	0.1746	32.4633	0.0057	0.1112	0.0000	13.0920	0.0044
2017-02-03 06:45:00	0.0416	32.4633	0.0014	0.1112	0.0000	13.0920	0.0011
2017-02-03 07:00:00	0.0978	32.4633	0.0032	0.1112	0.0000	13.0920	0.0025
2017-02-03 07:15:00	0.0190	32.4633	0.0006	0.1112	0.0000	13.0920	0.0005
2017-02-03 07:30:00	0.0000	32.4633	0.0000	0.1112	0.0000	13.0920	0.0000
2017-02-03 07:45:00	0.0000	32.4633	0.0000	0.1112	0.0000	13.0920	0.0000
2017-02-03 08:00:00 2017-02-03 08:15:00	0.0651	32.4633	0.0021	0.1112 0.1112	0.0000	13.0920	0.0017
2017-02-03 08:15:00	0.3074	32.4633 32.4633	0.0100	0.1112	0.0000	13.0920	0.0078
2017-02-03 08:30:00	0.3414 0.7866	32.4633	0.0111 0.0255	0.1112	0.0000 0.0001	13.0920 13.0920	0.0087 0.0200
2017-02-03 08:45:00		32.4633	0.0253	0.1112			
2017-02-03 09:00:00	1.0886 1.7278	32.4633	0.0353	0.1112	0.0001 0.0002	13.0920 13.0920	0.0276 0.0439
2017-02-03 09:15:00	2.2729	32.4633	0.0561	0.1112	0.0002	13.0920	0.0439
2017-02-03 09:45:00	0.9018	32.4633	0.0738	0.1112	0.0003	13.0920	0.0377
2017-02-03 10:00:00	3.3546	32.4633	0.1089	0.1112	0.0004	13.0920	0.0852
2017-02-03 10:15:00	3.9070	32.4633	0.1268	0.1112	0.0004	13.0920	0.0992
2017-02-03 10:30:00	3.3948	32.4633	0.1102	0.1112	0.0004	13.0920	0.0862
2017-02-03 10:45:00	1.1747	32.4633	0.0381	0.1112	0.0001	13.0920	0.0298
2017-02-03 11:00:00	0.7443	32.4633	0.0242	0.1112	0.0001	13.0920	0.0189
2017-02-03 11:15:00	0.1769	32.4633	0.0057	0.1112	0.0000	13.0920	0.0045
2017-02-03 11:30:00	0.3981	32.4633	0.0129	0.1112	0.0000	13.0920	0.0101
2017-02-03 11:45:00	0.3756	32.4633	0.0122	0.1112	0.0000	13.0920	0.0095
2017-02-03 12:00:00	0.4710	32.4633	0.0153	0.1112	0.0001	13.0920	0.0120
2017-02-03 12:15:00	0.4444	32.4633	0.0144	0.1112	0.0000	13.0920	0.0113
2017-02-03 12:30:00	0.2531	32.4633	0.0082	0.1112	0.0000	13.0920	0.0064
2017-02-03 12:45:00	0.6584	32.4633	0.0214	0.1112	0.0001	13.0920	0.0167
2017-02-03 13:00:00	0.5840	32.4633	0.0190	0.1112	0.0001	13.0920	0.0148
2017-02-03 13:15:00	1.1726	32.4633	0.0381	0.1112	0.0001	13.0920	0.0298
2017-02-03 13:30:00	1.9640	32.4633	0.0638	0.1112	0.0002	13.0920	0.0499
2017-02-03 13:45:00	2.1316	32.4633	0.0692	0.1112	0.0002	13.0920	0.0541
2017-02-03 14:00:00	1.4165	32.4633	0.0460	0.1112	0.0002	13.0920	0.0360
2017-02-03 14:15:00	1.8655	32.4633	0.0606	0.1112	0.0002	13.0920	0.0474
2017-02-03 14:30:00	2.7418	32.4633	0.0890	0.1617	0.0004	13.0920	0.0696
2017-02-03 14:45:00	2.4565	32.4633	0.0797	0.2273	0.0006	13.0920	0.0624
2017-02-03 15:00:00	3.7727	32.4633	0.1225	0.2273	0.0009	13.0920	0.0958
2017-02-03 15:15:00	4.4482	32.4633	0.1444	0.2273	0.0010	13.0920	0.1130
2017-02-03 15:30:00	3.8961	32.4633	0.1265	0.2273	0.0009	13.0920	0.0990
2017-02-03 15:45:00	4.2950	32.4633	0.1394	0.2273	0.0010	13.0920	0.1091
2017-02-03 16:00:00	2.5234	32.4633	0.0819	0.2273	0.0006	13.0920	0.0641
2017-02-03 16:15:00	1.6177	32.4633	0.0525	0.2273	0.0004	13.0920	0.0411
2017-02-03 16:30:00	1.8695	32.4633	0.0607	0.2273	0.0004	13.0920	0.0475
2017-02-03 16:45:00	0.9563	32.4633	0.0310	0.2273	0.0002	13.0920	0.0243
2017-02-03 17:00:00	0.7788	32.4633	0.0253	0.2273	0.0002	13.0920	0.0198
2017-02-03 17:15:00	1.9450	32.4633	0.0631	0.2273	0.0004	13.0920	0.0494
2017-02-03 17:30:00	0.6138	32.4633	0.0199	0.2273	0.0001	13.0920	0.0156
2017-02-03 17:45:00	1.3179	32.4633	0.0428	0.2273	0.0003	13.0920	0.0335
2017-02-03 18:00:00	0.8211	32.4633	0.0267	0.2273	0.0002	13.0920	0.0209
2017-02-03 18:15:00	1.5508	32.4633	0.0503	0.2273	0.0004	13.0920	0.0394
2017-02-03 18:30:00	1.4079	32.4633	0.0457	0.1446	0.0002	13.0920	0.0358
2017-02-03 18:45:00	2.0571	32.4633	0.0668	0.1147	0.0002	13.0920	0.0522
2017-02-03 19:00:00	0.4297	32.4633	0.0140	0.1147	0.0000	13.0920	0.0109
2017-02-03 19:15:00	0.6042	32.4633	0.0196	0.1147	0.0001	13.0920	0.0153
2017-02-03 19:30:00	0.3366	32.4633	0.0109	0.1147	0.0000	13.0920	0.0085
2017-02-03 19:45:00	0.1965	32.4633	0.0064	0.1147	0.0000	13.0920	0.0050
2017-02-03 20:00:00	1.9425	32.4633	0.0631	0.1147	0.0002	13.0920	0.0493
2017-02-03 20:15:00	2.3265	32.4633	0.0755	0.1147	0.0003	13.0920	0.0591
2017-02-03 20:30:00	0.4318	32.4633	0.0140	0.1147	0.0000	13.0920	0.0110
2017-02-03 20:45:00	1.7269	32.4633	0.0561	0.1147	0.0002	13.0920	0.0439
2017-02-03 21:00:00	1.4208	32.4633	0.0461	0.1147	0.0002	13.0920	0.0361
2017-02-03 21:15:00	0.1147	32.4633	0.0037	0.1147	0.0000	13.0920	0.0029
2017-02-03 21:30:00	0.9667	32.4633	0.0314	0.1147	0.0001	13.0920	0.0246
2017-02-03 21:45:00	3.4273	32.4633	0.1113	0.1147	0.0004	13.0920	0.0870
2017-02-03 22:00:00	4.2307	32.4633	0.1373 0.1463	0.1147	0.0005	13.0920 13.0920	0.1075
2017-02-03 22:15:00	4.5066	32.4633		0.1147	0.0005		0.1145

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-03 22:30:00	4.3171	32.4633	0.1401	0.1147	0.0005	13.0920	0.1096
2017-02-03 22:45:00	3.9562	32.4633	0.1284	0.1147	0.0005	13.0920	0.1005
2017-02-03 23:00:00	4.4271	32.4633	0.1437	0.1147	0.0005	13.0920	0.1124
2017-02-03 23:15:00	4.4456	32.4633	0.1443	0.1147	0.0005	13.0920	0.1129
2017-02-03 23:30:00	4.5615	32.4633	0.1481	0.1147	0.0005	13.0920	0.1159
2017-02-03 23:45:00	4.5615	32.4633	0.1481	0.1147	0.0005	13.0920	0.1159
2017-02-04 00:00:00	4.5615	32.4633	0.1481	0.1147	0.0005	13.0920	0.1159
2017-02-04 00:15:00	4.5615	32.4633	0.1481	0.1147	0.0005	13.0920	0.1159
2017-02-04 00:30:00	4.7175	32.4633	0.1531	0.1147	0.0005	13.0920	0.1198
2017-02-04 00:45:00	4.7922	32.4633	0.1556	0.1147	0.0005	13.0920	0.1217
2017-02-04 01:00:00	5.0221	32.4633	0.1630	0.1147	0.0006	13.0920	0.1276
2017-02-04 01:15:00	5.0221	32.4633	0.1630	0.1147	0.0006	13.0920	0.1276
2017-02-04 01:30:00	4.6419	32.4633	0.1507	0.1147	0.0005	13.0920	0.1179
2017-02-04 01:45:00	4.2574	32.4633	0.1382	0.1147	0.0005	13.0920	0.1081
2017-02-04 02:00:00	4.2949	32.4633	0.1394	0.1147	0.0005	13.0920	0.1091
2017-02-04 02:15:00	3.2398	32.4633	0.1052	0.1147	0.0004	13.0920	0.0823
2017-02-04 02:30:00	3.2825	32.4633	0.1066	0.1147	0.0004	13.0920	0.0834
2017-02-04 02:45:00	4.5711	32.4633	0.1484	0.1147	0.0005	13.0920	0.1161
2017-02-04 03:00:00 2017-02-04 03:15:00	3.9153	32.4633 32.4633	0.1271	0.1147	0.0004	13.0920	0.0994
	3.7371		0.1213	0.1147	0.0004	13.0920	0.0949 0.0894
2017-02-04 03:30:00 2017-02-04 03:45:00	3.5203 3.2595	32.4633 32.4633	0.1143 0.1058	0.1147 0.1147	0.0004 0.0004	13.0920 13.0920	0.0894
2017-02-04 03:45:00	3.2595	32.4633	0.1058	0.1147	0.0004	13.0920	0.0828
2017-02-04 04:00:00	3.8307	32.4633	0.1043	0.1147	0.0004	13.0920	0.0816
2017-02-04 04:15:00	3.9414	32.4633	0.1244	0.1147	0.0004	13.0920	0.0973
2017-02-04 04:45:00	4.1584	32.4633	0.1350	0.1147	0.0005	13.0920	0.1056
2017-02-04 05:00:00	4.8125	32.4633	0.1562	0.1147	0.0006	13.0920	0.1222
2017-02-04 05:15:00	4.8449	32.4633	0.1573	0.1147	0.0006	13.0920	0.1231
2017-02-04 05:30:00	4.8691	32.4633	0.1575	0.1147	0.0006	13.0920	0.1237
2017-02-04 05:45:00	4.8691	32.4633	0.1581	0.1147	0.0006	13.0920	0.1237
2017-02-04 06:00:00	4.8691	32.4633	0.1581	0.1147	0.0006	13.0920	0.1237
2017-02-04 06:15:00	4.7771	32.4633	0.1551	0.1147	0.0005	13.0920	0.1213
2017-02-04 06:30:00	4.2320	32.4633	0.1374	0.1147	0.0005	13.0920	0.1075
2017-02-04 06:45:00	4.3624	32.4633	0.1416	0.1147	0.0005	13.0920	0.1108
2017-02-04 07:00:00	4.6977	32.4633	0.1525	0.1147	0.0005	13.0920	0.1193
2017-02-04 07:15:00	4.6475	32.4633	0.1509	0.1295	0.0006	13.0920	0.1180
2017-02-04 07:30:00	4.0159	32.4633	0.1304	0.2321	0.0009	13.0920	0.1020
2017-02-04 07:45:00	3.3682	32.4633	0.1093	0.2321	0.0008	13.0920	0.0855
2017-02-04 08:00:00	0.6733	32.4633	0.0219	0.2321	0.0002	13.0920	0.0171
2017-02-04 08:15:00	0.3172	32.4633	0.0103	0.2321	0.0001	13.0920	0.0081
2017-02-04 08:30:00	0.0567	32.4633	0.0018	0.2321	0.0000	13.0920	0.0014
2017-02-04 08:45:00	0.0545	32.4633	0.0018	0.2321	0.0000	13.0920	0.0014
2017-02-04 09:00:00	0.0723	32.4633	0.0023	0.2321	0.0000	13.0920	0.0018
2017-02-04 09:15:00	0.1486	32.4633	0.0048	0.2321	0.0000	13.0920	0.0038
2017-02-04 09:30:00	0.5262	32.4633	0.0171	0.2321	0.0001	13.0920	0.0134
2017-02-04 09:45:00	0.1611	32.4633	0.0052	0.2321	0.0000	13.0920	0.0041
2017-02-04 10:00:00	0.3034	32.4633	0.0098	0.2321	0.0001	13.0920	0.0077
2017-02-04 10:15:00	0.8223	32.4633	0.0267	0.2321	0.0002	13.0920	0.0209
2017-02-04 10:30:00	0.8448	32.4633	0.0274	0.2321	0.0002	13.0920	0.0215
2017-02-04 10:45:00	0.5594	32.4633	0.0182	0.2321	0.0001	13.0920	0.0142
2017-02-04 11:00:00	0.8148	32.4633	0.0264	0.2321	0.0002	13.0920	0.0207
2017-02-04 11:15:00	0.8158	32.4633	0.0265	0.2321	0.0002	13.0920	0.0207
2017-02-04 11:30:00	0.7659	32.4633	0.0249	0.2321	0.0002	13.0920	0.0195
2017-02-04 11:45:00	1.5016	32.4633	0.0487	0.2321	0.0003	13.0920	0.0381
2017-02-04 12:00:00	2.5819	32.4633	0.0838	0.2321	0.0006	13.0920	0.0656
2017-02-04 12:15:00	2.3491	32.4633	0.0763	0.2321	0.0005	13.0920	0.0597
2017-02-04 12:30:00	2.6464	32.4633	0.0859	0.2321	0.0006	13.0920	0.0672
2017-02-04 12:45:00	3.2720	32.4633	0.1062	0.1666	0.0005	13.0920	0.0831
2017-02-04 13:00:00	2.8314	32.4633	0.0919	0.1195	0.0003	13.0920	0.0719
2017-02-04 13:15:00	4.1173	32.4633	0.1337	0.1557	0.0006	13.0920	0.1046
2017-02-04 13:30:00	3.6186	32.4633	0.1175	0.2348	0.0008	13.0920	0.0919
2017-02-04 13:45:00	3.4897	32.4633	0.1133	0.2348	0.0008	13.0920	0.0886
2017-02-04 14:00:00	2.7249	32.4633	0.0885	0.2348	0.0006	13.0920	0.0692
2017-02-04 14:15:00	2.4853	32.4633	0.0807	0.2348	0.0006	13.0920	0.0631
2017-02-04 14:30:00	3.3021	32.4633	0.1072	0.2348	0.0008	13.0920	0.0839
2017-02-04 14:45:00	4.0702	32.4633	0.1321	0.2348	0.0010	13.0920	0.1034
2017-02-04 15:00:00	4.6502	32.4633	0.1510	0.2348	0.0011	13.0920	0.1181
2017-02-04 15:15:00	3.8317	32.4633	0.1244	0.2348	0.0009	13.0920	0.0973
2017-02-04 15:30:00	3.8890	32.4633	0.1263	0.2348	0.0009	13.0920	0.0988
2017-02-04 15:45:00	4.2695	32.4633	0.1386	0.2348	0.0010	13.0920	0.1084
2017-02-04 16:00:00	3.1550	32.4633	0.1024	0.2348	0.0007	13.0920	0.0801
2017-02-04 16:15:00	3.1695	32.4633	0.1029	0.2348	0.0007	13.0920	0.0805
2017-02-04 16:30:00	3.4889	32.4633	0.1133	0.2348	0.0008	13.0920	0.0886
2017-02-04 16:45:00	2.5831	32.4633 32.4633	0.0839	0.2389	0.0006	13.0920	0.0656 0.0382
2017-02-04 17:00:00	1.5055		0.0489	0.3488	0.0005	13.0920	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-04 17:15:00	0.8411	32.4633	0.0273	0.3488	0.0003	13.0920	0.0214
2017-02-04 17:30:00	0.6000	32.4633	0.0195	0.2885	0.0002	13.0920	0.0152
2017-02-04 17:45:00	0.4883	32.4633	0.0159	0.2362	0.0001	13.0920	0.0124
2017-02-04 18:00:00	0.5289	32.4633	0.0172	0.2362	0.0001	13.0920	0.0134
2017-02-04 18:15:00	1.2933	32.4633	0.0420	0.2362	0.0003	13.0920	0.0328
2017-02-04 18:30:00	1.5279	32.4633	0.0496	0.2362	0.0004	13.0920	0.0388
2017-02-04 18:45:00	0.6828	32.4633	0.0222	0.2362	0.0002	13.0920	0.0173
2017-02-04 19:00:00	0.9973	32.4633	0.0324	0.1953	0.0002	13.0920	0.0253
2017-02-04 19:15:00	1.1216	32.4633	0.0364	0.1236	0.0001	13.0920	0.0285
2017-02-04 19:30:00	1.4578	32.4633	0.0473	0.1236	0.0002	13.0920	0.0370
2017-02-04 19:45:00	0.9845	32.4633	0.0320	0.1236	0.0001	13.0920	0.0250
2017-02-04 20:00:00	1.4726	32.4633	0.0478	0.1236	0.0002	13.0920	0.0374
2017-02-04 20:15:00	2.4545	32.4633	0.0797	0.1236	0.0003	13.0920	0.0623
2017-02-04 20:30:00	3.0449	32.4633	0.0988	0.1236	0.0004	13.0920	0.0773
2017-02-04 20:45:00	3.4174	32.4633	0.1109	0.1236	0.0004	13.0920	0.0868
2017-02-04 21:00:00	3.5085	32.4633	0.1139	0.1236	0.0004	13.0920	0.0891
2017-02-04 21:15:00	3.7492	32.4633	0.1217	0.1236	0.0005	13.0920	0.0952
2017-02-04 21:30:00	3.5319	32.4633	0.1147	0.1236	0.0004	13.0920	0.0897
2017-02-04 21:45:00	3.5686	32.4633	0.1158	0.1236	0.0004	13.0920	0.0906
2017-02-04 22:00:00	3.0868	32.4633	0.1002	0.1236	0.0004	13.0920	0.0784
2017-02-04 22:15:00	2.7600	32.4633	0.0896	0.1236	0.0003	13.0920	0.0701
2017-02-04 22:30:00	2.4850	32.4633	0.0807	0.1236	0.0003	13.0920	0.0631
2017-02-04 22:45:00	1.8567	32.4633	0.0603	0.1236	0.0002	13.0920	0.0472
2017-02-04 23:00:00	1.2472	32.4633	0.0405	0.1236	0.0002	13.0920	0.0317
2017-02-04 23:15:00	1.5234	32.4633	0.0495	0.1236	0.0002	13.0920	0.0387
2017-02-04 23:30:00	1.7086	32.4633	0.0555	0.1236	0.0002	13.0920	0.0434
2017-02-04 23:45:00	2.6242	32.4633	0.0852	0.1236	0.0003	13.0920	0.0666
2017-02-05 00:00:00	3.4944	32.4633	0.1134	0.1236	0.0004	13.0920	0.0888
2017-02-05 00:15:00	3.3081	32.4633	0.1074	0.1236	0.0004	13.0920	0.0840
2017-02-05 00:30:00	3.6359	32.4633	0.1180	0.1236	0.0004	13.0920	0.0923
2017-02-05 00:45:00	4.3529	32.4633	0.1413	0.1236	0.0005	13.0920	0.1106
2017-02-05 01:00:00	3.4509	32.4633	0.1120	0.1236	0.0004	13.0920	0.0876
2017-02-05 01:15:00	0.5337	32.4633	0.0173	0.1236	0.0001	13.0920	0.0136
2017-02-05 01:30:00	1.3754	32.4633	0.0446	0.1236	0.0002	13.0920	0.0349
2017-02-05 01:45:00	3.4737	32.4633	0.1128	0.1236	0.0004	13.0920	0.0882
2017-02-05 02:00:00	4.2871	32.4633	0.1392	0.1236	0.0005	13.0920	0.1089
2017-02-05 02:15:00	3.7916	32.4633	0.1231	0.1236	0.0005	13.0920	0.0963
2017-02-05 02:30:00	4.6184	32.4633	0.1499	0.1236	0.0006	13.0920	0.1173
2017-02-05 02:45:00	4.5183	32.4633	0.1467	0.1236	0.0006	13.0920	0.1148
2017-02-05 03:00:00	3.7631	32.4633	0.1222	0.1236	0.0005	13.0920	0.0956
2017-02-05 03:15:00	3.1382	32.4633	0.1019	0.1236	0.0004	13.0920	0.0797
2017-02-05 03:30:00	3.5561	32.4633	0.1154	0.1236	0.0004	13.0920	0.0903
2017-02-05 03:45:00	4.6411	32.4633	0.1507	0.1236	0.0006	13.0920	0.1179
2017-02-05 04:00:00	4.3643	32.4633	0.1417	0.1236	0.0005	13.0920	0.1108
2017-02-05 04:15:00	4.1116	32.4633 32.4633	0.1335	0.1236	0.0005	13.0920	0.1044
2017-02-05 04:30:00	4.0377		0.1311	0.1236	0.0005	13.0920	0.1026
2017-02-05 04:45:00	4.1963	32.4633	0.1362	0.1236	0.0005	13.0920	0.1066
2017-02-05 05:00:00	4.0610	32.4633	0.1318	0.1236	0.0005	13.0920	0.1031
2017-02-05 05:15:00	4.1204	32.4633	0.1338	0.1236	0.0005	13.0920	0.1047
2017-02-05 05:30:00	4.2450	32.4633	0.1378	0.1236	0.0005	13.0920	0.1078
2017-02-05 05:45:00	4.1440	32.4633	0.1345	0.1236	0.0005	13.0920	0.1053
2017-02-05 06:00:00	4.0268 3.7883	32.4633	0.1307 0.1230	0.1236	0.0005	13.0920 13.0920	0.1023
2017-02-05 06:15:00 2017-02-05 06:30:00	3.7883	32.4633 32.4633	0.1230	0.1236 0.1236	0.0005 0.0005	13.0920	0.0962 0.0975
2017-02-05 06:30:00	3.8392 3.4962	32.4633	0.1246	0.1236	0.0005	13.0920	0.0975
2017-02-05 06:45:00	3.4962 3.7766	32.4633	0.1135	0.1236	0.0004	13.0920	0.0888
2017-02-03 07:00:00	2.4084	32.4633	0.0782	0.1236	0.0003	13.0920	0.0939
2017-02-05 07:15:00	3.0395	32.4633	0.0782	0.1236	0.0003	13.0920	0.0612
2017-02-05 07:30:00	3.0395	32.4633	0.10987	0.1236	0.0004	13.0920	0.0772
2017-02-05 07:45:00	4.1634	32.4633	0.1090	0.1236	0.0004	13.0920	0.0853
2017-02-05 08:00:00	4.1634	32.4633	0.1332	0.1236	0.0005	13.0920	0.1057
2017-02-05 08:15:00	4.4381	32.4633	0.1441	0.1236	0.0005	13.0920	0.1127
2017-02-05 08:45:00	4.9772	32.4633	0.1616	0.1236	0.0006	13.0920	0.1247
2017-02-03 08:43:00	5.0845	32.4633	0.1616	0.2236	0.0001	13.0920	0.1204
2017-02-05 09:00:00	4.9703	32.4633	0.1631	0.2376	0.0011	13.0920	0.1291
2017-02-03 09:13:00	4.9775	32.4633	0.1614	0.2376	0.0012	13.0920	0.1262
2017-02-05 09:45:00	4.9353	32.4633	0.1616	0.2376	0.0012	13.0920	0.1264
2017-02-05 09:45:00	4.9353 4.8561	32.4633	0.1502	0.2376	0.0012	13.0920	0.1254
2017-02-05 10:00:00		32.4633	0.1576	0.2376	0.0012	13.0920	0.1233
	4.8526				0.0012		
2017-02-05 10:30:00	4.9753	32.4633	0.1615	0.2376		13.0920	0.1264
2017-02-05 10:45:00	4.7874	32.4633	0.1554	0.2376	0.0011	13.0920	0.1216
2017-02-05 11:00:00	4.6151	32.4633	0.1498	0.2376	0.0011	13.0920	0.1172
2017-02-05 11:15:00	4.7912	32.4633	0.1555	0.3400	0.0016	13.0920	0.1217
2017-02-05 11:30:00 2017-02-05 11:45:00	4.4791	32.4633	0.1454	0.2293	0.0010	13.0920	0.1138
7017-07-05 11:45:00	4.2904	32.4633	0.1393	0.2293	0.0010	13.0920	0.1090

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-05 12:00:00	3.9607	32.4633	0.1286	0.2293	0.0009	13.0920	0.1006
2017-02-05 12:15:00	3.8424	32.4633	0.1247	0.2293	0.0009	13.0920	0.0976
2017-02-05 12:30:00	2.9121	32.4633	0.0945	0.2293	0.0007	13.0920	0.0740
2017-02-05 12:45:00	2.1837	32.4633	0.0709	0.2293	0.0005	13.0920	0.0555
2017-02-05 13:00:00	3.0266	32.4633	0.0983	0.2293	0.0007	13.0920	0.0769
2017-02-05 13:15:00	2.7978	32.4633	0.0908	0.2293	0.0006	13.0920	0.0711
2017-02-05 13:30:00	2.6317	32.4633	0.0854	0.2293	0.0006	13.0920	0.0668
2017-02-05 13:45:00	1.4731	32.4633	0.0478	0.2293	0.0003	13.0920	0.0374
2017-02-05 14:00:00	0.7580	32.4633	0.0246	0.2293	0.0002	13.0920	0.0193
2017-02-05 14:15:00	0.9901	32.4633	0.0321	0.2293	0.0002	13.0920	0.0251
2017-02-05 14:30:00	1.8644	32.4633	0.0605	0.2293	0.0004	13.0920	0.0474
2017-02-05 14:45:00	1.2092	32.4633	0.0393	0.2293	0.0003	13.0920	0.0307
2017-02-05 15:00:00	1.7836	32.4633	0.0579	0.2293	0.0004	13.0920	0.0453
2017-02-05 15:15:00	2.2088	32.4633	0.0717	0.2293	0.0005	13.0920	0.0561
2017-02-05 15:30:00	2.9284	32.4633	0.0951	0.2293	0.0007	13.0920	0.0744
2017-02-05 15:45:00	2.2960	32.4633	0.0745	0.2293	0.0005	13.0920	0.0583
2017-02-05 16:00:00	2.6785	32.4633	0.0870	0.2293	0.0006	13.0920	0.0680
2017-02-05 16:15:00	2.7498	32.4633	0.0893	0.2293	0.0006	13.0920	0.0698
2017-02-05 16:30:00	1.8640	32.4633	0.0605	0.2293	0.0004	13.0920	0.0473
2017-02-05 16:45:00	1.4730	32.4633	0.0478	0.2293	0.0003	13.0920	0.0374
2017-02-05 17:00:00	0.9996	32.4633	0.0325	0.2293	0.0002	13.0920	0.0254
2017-02-05 17:15:00	0.7243	32.4633	0.0235	0.2293	0.0002	13.0920	0.0184
2017-02-05 17:30:00	0.6688	32.4633	0.0217	0.2293	0.0002	13.0920	0.0170
2017-02-05 17:45:00	0.8878	32.4633	0.0288	0.2293	0.0002	13.0920	0.0225
2017-02-05 18:00:00	0.9238	32.4633	0.0300	0.2293	0.0002	13.0920	0.0235
2017-02-05 18:15:00	1.3728	32.4633	0.0446	0.1969	0.0003	13.0920	0.0349
2017-02-05 18:30:00	0.0306	32.4633	0.0010	0.1160	0.0000	13.0920	0.0008
2017-02-05 18:45:00	0.0000	32.4633	0.0000	0.1160	0.0000	13.0920	0.0000
2017-02-05 19:00:00	0.4019	32.4633	0.0130	0.1160	0.0000	13.0920	0.0102
2017-02-05 19:15:00	1.6538	32.4633	0.0537	0.1160	0.0002	13.0920	0.0420
2017-02-05 19:30:00	2.2554	32.4633	0.0732	0.1160	0.0003	13.0920	0.0573
2017-02-05 19:45:00	3.9720	32.4633	0.1289	0.1160	0.0005	13.0920	0.1009
2017-02-05 20:00:00	2.4103	32.4633	0.0782	0.1160	0.0003	13.0920	0.0612
2017-02-05 20:15:00	3.7328	32.4633	0.1212	0.1160	0.0004	13.0920	0.0948
2017-02-05 20:30:00	4.1315	32.4633	0.1341	0.1160	0.0005	13.0920	0.1049
2017-02-05 20:45:00	4.1500	32.4633	0.1347	0.1160	0.0005	13.0920	0.1054
2017-02-05 21:00:00	3.3400	32.4633	0.1084	0.1160	0.0004	13.0920	0.0848
2017-02-05 21:15:00	4.3133	32.4633	0.1400	0.1160 0.0979	0.0005	13.0920	0.1096
2017-02-05 21:30:00 2017-02-05 21:45:00	4.3509	32.4633	0.1412		0.0004	13.0920 13.0920	0.1105
	4.3386	32.4633	0.1408	0.0021	0.0000		0.1102
2017-02-05 22:00:00	4.5100	32.4633	0.1464	0.0021	0.0000	13.0920	0.1145
2017-02-05 22:15:00	4.4096	32.4633	0.1431	0.0021	0.0000	13.0920	0.1120
2017-02-05 22:30:00	4.2754	32.4633	0.1388	0.0021	0.0000	13.0920	0.1086
2017-02-05 22:45:00 2017-02-05 23:00:00	4.4649	32.4633 32.4633	0.1449 0.1283	0.0021 0.0021	0.0000 0.0000	13.0920	0.1134
	3.9520	32.4633		0.0021	0.0000	13.0920 13.0920	0.1004 0.0875
2017-02-05 23:15:00	3.4451		0.1118				
2017-02-05 23:30:00	4.2734	32.4633	0.1387	0.0021	0.0000	13.0920	0.1085
2017-02-05 23:45:00	4.0475	32.4633	0.1314	0.0021	0.0000	13.0920	0.1028
2017-02-06 00:00:00 2017-02-06 00:15:00	4.0618 4.3258	32.4633 32.4633	0.1319 0.1404	0.0021 0.0021	0.0000 0.0000	13.0920 13.0920	0.1032 0.1099
2017-02-06 00:15:00	4.2339	32.4633	0.1404	0.0021	0.0000	13.0920	0.1099
2017-02-06 00:30:00	4.2339 3.8341	32.4633 32.4633	0.1374 0.1245	0.0021	0.0000	13.0920	0.1075
2017-02-06 00:45:00	3.8341 4.2836	32.4633	0.1245	0.0021	0.0000	13.0920	0.0974
2017-02-06 01:00:00	4.2836	32.4633	0.1391	0.0021	0.0000	13.0920	0.1088
2017-02-06 01:15:00	3.1678	32.4633	0.1319	0.0021	0.0000	13.0920	0.1032
2017-02-06 01:30:00	3.1678 2.4500	32.4633	0.1028	0.0021	0.0000	13.0920	0.0805
2017-02-06 01:45:00	0.1174	32.4633	0.0038	0.0654	0.0000	13.0920	0.0022
2017-02-06 02:00:00	0.0180	32.4633	0.0038	0.1167	0.0000	13.0920	0.0030
2017-02-06 02:15:00	0.0180	32.4633	0.0006	0.1167	0.0000	13.0920	0.0005
2017-02-06 02:30:00	0.0000	32.4633	0.0000	0.1167	0.0000	13.0920	0.0000
2017-02-06 02:45:00	0.0184	32.4633	0.0006	0.1167	0.0000	13.0920	0.0005
2017-02-06 03:00:00	0.0230	32.4633	0.0007	0.1167	0.0000	13.0920	0.0006
2017-02-06 03:15:00	0.0000	32.4633	0.0007	0.1167	0.0000	13.0920	0.0000
2017-02-06 03:30:00	0.0000	32.4633	0.0000	0.1167	0.0000	13.0920	0.0000
2017-02-06 03:45:00	0.0000	32.4633	0.0006	0.1167	0.0000	13.0920	0.0005
2017-02-06 04:00:00	0.0383	32.4633	0.0006	0.1167	0.0000	13.0920	0.0003
	0.0383		0.0012		0.0000	13.0920	0.0010
2017-02-06 04:30:00		32.4633		0.1167			
2017-02-06 04:45:00	0.3091	32.4633	0.0100	0.1167	0.0000	13.0920	0.0079
2017-02-06 05:00:00	0.7902	32.4633	0.0257	0.1167	0.0001	13.0920	0.0201
2017-02-06 05:15:00	2.6573	32.4633	0.0863	0.1167	0.0003	13.0920	0.0675
2017-02-06 05:30:00	3.6168	32.4633	0.1174	0.1167	0.0004	13.0920	0.0919
2017-02-06 05:45:00	2.4350	32.4633	0.0790	0.1167	0.0003	13.0920	0.0618
2017-02-06 06:00:00	1.0134	32.4633	0.0329	0.1167	0.0001	13.0920	0.0257
2017-02-06 06:15:00	0.8835 1.7705	32.4633 32.4633	0.0287 0.0575	0.1167	0.0001	13.0920	0.0224
2017-02-06 06:30:00				0.1167	0.0002	13.0920	0.0450

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N2	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-06 06:45:00	3.2650	32.4633	0.1060	0.1167	0.0004	13.0920	0.0829
2017-02-06 07:00:00	2.2567	32.4633	0.0733	0.1167	0.0003	13.0920	0.0573
2017-02-06 07:15:00	2.2731	32.4633	0.0738	0.1167	0.0003	13.0920	0.0577
2017-02-06 07:30:00	2.0269	32.4633	0.0658	0.1167	0.0002	13.0920	0.0515
2017-02-06 07:45:00	2.6797	32.4633	0.0870	0.1167	0.0003	13.0920	0.0681
2017-02-06 08:00:00	0.7215	32.4633	0.0234	0.1167	0.0001	13.0920	0.0183
2017-02-06 08:15:00	0.1721	32.4633	0.0056	0.1167	0.0000	13.0920	0.0044
2017-02-06 08:30:00	1.1769	32.4633	0.0382	0.1167	0.0001	13.0920	0.0299
2017-02-06 08:45:00	3.4133	32.4633	0.1108	0.1167	0.0004	13.0920	0.0867
2017-02-06 09:00:00	1.8564	32.4633	0.0603	0.1167	0.0002	13.0920	0.0471
2017-02-06 09:15:00	3.3395	32.4633	0.1084	0.1167	0.0004	13.0920	0.0848
2017-02-06 09:30:00	2.8376	32.4633	0.0921	0.1167	0.0003	13.0920	0.0721
2017-02-06 09:45:00	2.8692	32.4633	0.0931	0.1647	0.0005	13.0920	0.0729
2017-02-06 10:00:00	1.7597	32.4633	0.0571	0.2300	0.0004	13.0920	0.0447
2017-02-06 10:15:00	1.9495	32.4633	0.0633	0.1198	0.0002	13.0920	0.0495
2017-02-06 10:30:00	3.4832	32.4633	0.1131	0.1220	0.0004	13.0920	0.0885
2017-02-06 10:45:00	4.0629	32.4633	0.1319	0.2335	0.0009	13.0920	0.1032
2017-02-06 11:00:00	4.3407	32.4633	0.1409 0.1378	0.2335 0.2335	0.0010 0.0010	13.0920 13.0920	0.1102
2017-02-06 11:15:00	4.2451	32.4633					0.1078
2017-02-06 11:30:00 2017-02-06 11:45:00	4.2206 4.3603	32.4633 32.4633	0.1370 0.1415	0.2335 0.2335	0.0010 0.0010	13.0920 13.0920	0.1072 0.1107
2017-02-06 11:45:00 2017-02-06 12:00:00	4.3603 4.1214	32.4633 32.4633	0.1415	0.2335	0.0010	13.0920	0.1107
2017-02-06 12:00:00	4.1214	32.4633	0.1338	0.2335	0.0010	13.0920	0.1047
2017-02-06 12:13:00	4.3677	32.4633	0.1420	0.2335	0.0010	13.0920	0.1111
2017-02-06 12:45:00	3.8312	32.4633	0.1244	0.2335	0.0009	13.0920	0.0973
2017-02-06 12:45:00	4.1747	32.4633	0.1355	0.2335	0.0009	13.0920	0.1060
2017-02-06 13:00:00	4.1747	32.4633	0.1355	0.2335	0.0010	13.0920	0.1060
2017-02-06 13:13:00	4.8987	32.4633	0.1590	0.2335	0.0011	13.0920	0.1244
2017-02-06 13:45:00	4.9051	32.4633	0.1592	0.2335	0.0011	13.0920	0.1244
2017-02-06 14:00:00	2.7368	32.4633	0.0888	0.2335	0.0001	13.0920	0.0695
2017-02-06 14:15:00	1.1218	32.4633	0.0364	0.2335	0.0003	13.0920	0.0285
2017-02-06 14:30:00	0.6617	32.4633	0.0215	0.2335	0.0002	13.0920	0.0168
2017-02-06 14:45:00	0.1915	32.4633	0.0062	0.1223	0.0000	13.0920	0.0049
2017-02-06 15:00:00	0.0000	32.4633	0.0000	0.0707	0.0000	13.0920	0.0000
2017-02-06 15:15:00	0.0000	32.4633	0.0000	0.0707	0.0000	13.0920	0.0000
2017-02-06 15:30:00	0.0000	32.4633	0.0000	0.0707	0.0000	13.0920	0.0000
2017-02-06 15:45:00	3.2526	32.4633	0.1056	0.0707	0.0002	13.0920	0.0826
2017-02-06 16:00:00	5.0471	32.4633	0.1638	0.0905	0.0005	13.0920	0.1282
2017-02-06 16:15:00	5.0471	32.4633	0.1638	0.1182	0.0006	13.0920	0.1282
2017-02-06 16:30:00	5.0471	32.4633	0.1638	0.0769	0.0004	13.0920	0.1282
2017-02-06 16:45:00	5.0471	32.4633	0.1638	0.0769	0.0004	13.0920	0.1282
2017-02-06 17:00:00	5.0471	32.4633	0.1638	0.0769	0.0004	13.0920	0.1282
2017-02-06 17:15:00	5.0471	32.4633	0.1638	0.0769	0.0004	13.0920	0.1282
2017-02-06 17:30:00	5.0471	32.4633	0.1638	0.0769	0.0004	13.0920	0.1282
2017-02-06 17:45:00	5.0471	32.4633	0.1638	0.0769	0.0004	13.0920	0.1282
2017-02-06 18:00:00	5.0471	32.4633	0.1638	0.0769	0.0004	13.0920	0.1282
2017-02-06 18:15:00	5.0471	32.4633	0.1638	0.0769	0.0004	13.0920	0.1282
2017-02-06 18:30:00	5.0471	32.4633	0.1638	0.0769	0.0004	13.0920	0.1282
2017-02-06 18:45:00	0.2202	32.4633	0.0071	0.0769	0.0000	13.0920	0.0056
2017-02-06 19:00:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 19:15:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 19:30:00	0.0375	32.4633	0.0012	0.0769	0.0000	13.0920	0.0010
2017-02-06 19:45:00	0.1983	32.4633	0.0064	0.0769	0.0000	13.0920	0.0050
2017-02-06 20:00:00	0.0179	32.4633	0.0006	0.0769	0.0000	13.0920	0.0005
2017-02-06 20:15:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 20:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 20:45:00	0.0191	32.4633	0.0006	0.0769	0.0000	13.0920	0.0005
2017-02-06 21:00:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 21:15:00	0.4340	32.4633	0.0141	0.0769	0.0000	13.0920	0.0110
2017-02-06 21:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 21:45:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 22:00:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 22:15:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 22:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 22:45:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 23:00:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 23:15:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 23:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-06 23:45:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 00:00:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 00:15:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 00:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 00:45:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 01:00:00	0.0000 0.0000	32.4633	0.0000 0.0000	0.0769	0.0000	13.0920	0.0000 0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-07 01:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 01:45:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 02:00:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 02:15:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 02:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 02:45:00	0.0394	32.4633	0.0013	0.0769	0.0000	13.0920	0.0010
2017-02-07 03:00:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 03:15:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 03:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 03:45:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 04:00:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 04:15:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 04:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 04:45:00	0.0737	32.4633	0.0024	0.0769	0.0000	13.0920	0.0019
2017-02-07 05:00:00	0.4899	32.4633	0.0159	0.0769	0.0000	13.0920	0.0124
2017-02-07 05:15:00	0.1025	32.4633	0.0033	0.0769	0.0000	13.0920	0.0026
2017-02-07 05:30:00	0.0744	32.4633	0.0024	0.0769	0.0000	13.0920	0.0019
2017-02-07 05:45:00	0.0381	32.4633	0.0012	0.0769	0.0000	13.0920	0.0010
2017-02-07 06:00:00	0.3245	32.4633	0.0105	0.0769	0.0000	13.0920	0.0082
2017-02-07 06:15:00	0.1052	32.4633	0.0034	0.0769	0.0000	13.0920	0.0027
2017-02-07 06:30:00	0.0591	32.4633	0.0019	0.0769	0.0000	13.0920	0.0015
2017-02-07 06:45:00	0.0391	32.4633	0.0013	0.0769	0.0000	13.0920	0.0010
2017-02-07 07:00:00 2017-02-07 07:15:00	0.5434	32.4633 32.4633	0.0176 0.0422	0.0769 0.0769	0.0000 0.0001	13.0920 13.0920	0.0138 0.0330
2017-02-07 07:15:00 2017-02-07 07:30:00	1.2985 2.8027	32.4633 32.4633	0.0422	0.0769	0.0001	13.0920	0.0330
2017-02-07 07:30:00 2017-02-07 07:45:00	2.8027 1.3876	32.4633 32.4633	0.0910	0.0769	0.0002	13.0920	0.0712
2017-02-07 07:45:00 2017-02-07 08:00:00	1.9280	32.4633 32.4633	0.0450	0.0769	0.0001	13.0920	0.0352
2017-02-07 08:00:00	2.5229	32.4633	0.0819	0.0769	0.0001	13.0920	0.0641
2017-02-07 08:15:00	0.4549	32.4633	0.0819	0.0769	0.0002	13.0920	0.0641
2017-02-07 08:30:00	0.4349	32.4633	0.0148	0.0769	0.0001	13.0920	0.0208
2017-02-07 08:43:00	0.5113	32.4633	0.0166	0.0769	0.0000	13.0920	0.0130
2017-02-07 09:05:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 09:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 09:45:00	0.2290	32.4633	0.0074	0.0769	0.0000	13.0920	0.0058
2017-02-07 10:00:00	0.3136	32.4633	0.0102	0.0769	0.0000	13.0920	0.0080
2017-02-07 10:15:00	0.5041	32.4633	0.0164	0.0769	0.0000	13.0920	0.0128
2017-02-07 10:30:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-07 10:45:00	0.0796	32.4633	0.0026	0.0769	0.0000	13.0920	0.0020
2017-02-07 11:00:00	0.0362	32.4633	0.0012	0.0769	0.0000	13.0920	0.0009
2017-02-07 11:15:00	0.2531	32.4633	0.0082	0.0828	0.0000	13.0920	0.0064
2017-02-07 11:30:00	1.1739	32.4633	0.0381	0.1895	0.0002	13.0920	0.0298
2017-02-07 11:45:00	1.5938	32.4633	0.0517	0.1895	0.0003	13.0920	0.0405
2017-02-07 12:00:00	3.2193	32.4633	0.1045	0.1895	0.0006	13.0920	0.0818
2017-02-07 12:15:00	4.3286	32,4633	0.1405	0.1895	0.0008	13.0920	0.1099
2017-02-07 12:30:00	3.8881	32.4633	0.1262	0.1895	0.0007	13.0920	0.0988
2017-02-07 12:45:00	3.6250	32.4633	0.1177	0.1895	0.0007	13.0920	0.0921
2017-02-07 13:00:00	3.3192	32.4633	0.1078	0.1895	0.0006	13.0920	0.0843
2017-02-07 13:15:00	2.8354	32.4633	0.0920	0.1895	0.0005	13.0920	0.0720
2017-02-07 13:30:00	1.1953	32.4633	0.0388	0.1895	0.0002	13.0920	0.0304
2017-02-07 13:45:00	0.5212	32.4633	0.0169	0.1895	0.0001	13.0920	0.0132
2017-02-07 14:00:00	0.7493	32.4633	0.0243	0.1895	0.0001	13.0920	0.0190
2017-02-07 14:15:00	0.0590	32.4633	0.0019	0.1895	0.0000	13.0920	0.0015
2017-02-07 14:30:00	0.5612	32.4633	0.0182	0.1895	0.0001	13.0920	0.0143
2017-02-07 14:45:00	1.7577	32.4633	0.0571	0.1895	0.0003	13.0920	0.0446
2017-02-07 15:00:00	1.1187	32.4633	0.0363	0.1895	0.0002	13.0920	0.0284
2017-02-07 15:15:00	0.2060	32.4633	0.0067	0.1895	0.0000	13.0920	0.0052
2017-02-07 15:30:00	0.0000	32.4633	0.0000	0.1895	0.0000	13.0920	0.0000
2017-02-07 15:45:00	0.4149	32.4633	0.0135	0.1895	0.0001	13.0920	0.0105
2017-02-07 16:00:00	2.0961	32.4633	0.0680	0.1895	0.0004	13.0920	0.0532
2017-02-07 16:15:00	3.1236	32.4633	0.1014	0.1895	0.0006	13.0920	0.0793
2017-02-07 16:30:00	4.1256	32.4633	0.1339	0.1895	0.0008	13.0920	0.1048
2017-02-07 16:45:00	3.8479	32.4633	0.1249	0.1895	0.0007	13.0920	0.0977
2017-02-07 17:00:00	1.2957	32.4633	0.0421	0.1895	0.0002	13.0920	0.0329
2017-02-07 17:15:00	2.8896	32.4633	0.0938	0.1895	0.0005	13.0920	0.0734
2017-02-07 17:30:00	2.9162	32.4633	0.0947	0.1895	0.0006	13.0920	0.0741
2017-02-07 17:45:00	4.8820	32.4633	0.1585	0.1895	0.0009	13.0920	0.1240
2017-02-07 18:00:00	4.8820	32.4633	0.1585	0.1895	0.0009	13.0920	0.1240
2017-02-07 18:15:00	4.8820	32.4633	0.1585	0.1895	0.0009	13.0920	0.1240
2017-02-07 18:30:00	4.8820	32.4633	0.1585	0.1895	0.0009	13.0920	0.1240
2017-02-07 18:45:00	4.8820	32.4633	0.1585	0.1895	0.0009	13.0920	0.1240
2017-02-07 19:00:00	4.8820	32.4633	0.1585	0.1895	0.0009	13.0920	0.1240
2017-02-07 19:15:00	4.8820	32.4633	0.1585	0.1895	0.0009	13.0920	0.1240
		-					
2017-02-07 19:30:00	4.8820	32.4633	0.1585	0.1895	0.0009	13.0920	0.1240
2017-02-07 19:30:00 2017-02-07 19:45:00	4.8820 4.8820	32.4633 32.4633	0.1585 0.1585	0.1895 0.1895	0.0009 0.0009	13.0920 13.0920	0.1240 0.1240

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-07 20:15:00	4.8820	32.4633	0.1585	0.1895	0.0009	13.0920	0.1240
2017-02-07 20:30:00	4.8820	32.4633	0.1585	0.1895	0.0009	13.0920	0.1240
2017-02-07 20:45:00	3.7084	32.4633	0.1204	0.1895	0.0007	13.0920	0.0942
2017-02-07 21:00:00	2.7485	32.4633	0.0892	0.1895	0.0005	13.0920	0.0698
2017-02-07 21:15:00	2.1009	32.4633	0.0682	0.1895	0.0004	13.0920	0.0534
2017-02-07 21:30:00	1.1254	32.4633	0.0365	0.1895	0.0002	13.0920	0.0286
2017-02-07 21:45:00	0.9990	32.4633	0.0324	0.1895	0.0002	13.0920	0.0254
2017-02-07 22:00:00	0.5735	32.4633	0.0186	0.1345	0.0001	13.0920	0.0146
2017-02-07 22:15:00	0.0396	32.4633	0.0013	0.0769	0.0000	13.0920	0.0010
2017-02-07 22:30:00	0.3155	32.4633	0.0102	0.0769	0.0000	13.0920	0.0080
2017-02-07 22:45:00	0.1255	32.4633	0.0041	0.0769	0.0000	13.0920	0.0032
2017-02-07 23:00:00	0.1638	32.4633	0.0053	0.0769	0.0000	13.0920	0.0042
2017-02-07 23:15:00	0.3592	32.4633	0.0117	0.0769	0.0000	13.0920	0.0091
2017-02-07 23:30:00	0.4162	32.4633	0.0135 0.0238	0.0769	0.0000	13.0920	0.0106
2017-02-07 23:45:00	0.7317	32.4633		0.0769 0.0769	0.0001	13.0920	0.0186
2017-02-08 00:00:00	0.4050	32.4633	0.0131		0.0000	13.0920	0.0103
2017-02-08 00:15:00 2017-02-08 00:30:00	0.7483	32.4633 32.4633	0.0243 0.0480	0.0769 0.0769	0.0001 0.0001	13.0920 13.0920	0.0190 0.0375
	1.4780 0.4740	32.4633	0.0480	0.0769	0.0001	13.0920	0.0375
2017-02-08 00:45:00				0.0769		13.0920	
2017-02-08 01:00:00 2017-02-08 01:15:00	0.1899 0.3406	32.4633 32.4633	0.0062 0.0111	0.0769	0.0000 0.0000	13.0920	0.0048 0.0087
2017-02-08 01:15:00 2017-02-08 01:30:00	0.3406	32.4633 32.4633	0.0111	0.0769	0.0000	13.0920	0.0087
2017-02-08 01:30:00	0.0208	32.4633	0.0007	0.0769	0.0000	13.0920	0.0005
2017-02-08 01:45:00	0.0773	32.4633	0.0025	0.0769	0.0000	13.0920	0.0020
2017-02-08 02:00:00	0.1773	32.4633	0.0058	0.0769	0.0000	13.0920	0.0045
2017-02-08 02:15:00	0.9123	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-08 02:30:00	3.1771	32.4633	0.0296	0.0769	0.0001	13.0920	0.0232
2017-02-08 03:00:00	3.8151	32.4633	0.1031	0.0769	0.0002	13.0920	0.0969
2017-02-08 03:15:00	4.1689	32.4633	0.1353	0.0769	0.0003	13.0920	0.1059
2017-02-08 03:30:00	1.7447	32.4633	0.0566	0.0769	0.0003	13.0920	0.0443
2017-02-08 03:45:00	0.1306	32.4633	0.0042	0.0769	0.0000	13.0920	0.0033
2017-02-08 04:00:00	0.0771	32.4633	0.0025	0.0769	0.0000	13.0920	0.0020
2017-02-08 04:15:00	0.2895	32.4633	0.0094	0.0769	0.0000	13.0920	0.0074
2017-02-08 04:30:00	0.2908	32.4633	0.0094	0.0769	0.0000	13.0920	0.0074
2017-02-08 04:45:00	0.3839	32.4633	0.0125	0.0769	0.0000	13.0920	0.0098
2017-02-08 05:00:00	0.3131	32.4633	0.0102	0.0769	0.0000	13.0920	0.0080
2017-02-08 05:15:00	0.0630	32.4633	0.0020	0.0769	0.0000	13.0920	0.0016
2017-02-08 05:30:00	0.1699	32.4633	0.0055	0.0769	0.0000	13.0920	0.0043
2017-02-08 05:45:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-08 06:00:00	0.0660	32.4633	0.0021	0.0769	0.0000	13.0920	0.0017
2017-02-08 06:15:00	0.0550	32.4633	0.0018	0.0769	0.0000	13.0920	0.0014
2017-02-08 06:30:00	0.1347	32.4633	0.0044	0.0769	0.0000	13.0920	0.0034
2017-02-08 06:45:00	0.4093	32.4633	0.0133	0.0769	0.0000	13.0920	0.0104
2017-02-08 07:00:00	0.1316	32.4633	0.0043	0.0769	0.0000	13.0920	0.0033
2017-02-08 07:15:00	0.2697	32.4633	0.0088	0.0769	0.0000	13.0920	0.0069
2017-02-08 07:30:00	0.6261	32.4633	0.0203	0.0769	0.0000	13.0920	0.0159
2017-02-08 07:45:00	0.1147	32.4633	0.0037	0.0769	0.0000	13.0920	0.0029
2017-02-08 08:00:00	0.2779	32.4633	0.0090	0.0769	0.0000	13.0920	0.0071
2017-02-08 08:15:00	0.3324	32.4633	0.0108	0.0769	0.0000	13.0920	0.0084
2017-02-08 08:30:00	0.4219	32.4633	0.0137	0.0769	0.0000	13.0920	0.0107
2017-02-08 08:45:00	2.1668	32.4633	0.0703	0.0769	0.0002	13.0920	0.0550
2017-02-08 09:00:00	3.7448	32.4633	0.1216	0.0769	0.0003	13.0920	0.0951
2017-02-08 09:15:00	0.9879	32.4633	0.0321	0.0769	0.0001	13.0920	0.0251
2017-02-08 09:30:00	0.2418	32.4633	0.0079	0.0769	0.0000	13.0920	0.0061
2017-02-08 09:45:00	0.2379	32.4633	0.0077	0.0769	0.0000	13.0920	0.0060
2017-02-08 10:00:00	0.0000	32.4633	0.0000	0.0769	0.0000	13.0920	0.0000
2017-02-08 10:15:00	0.2707	32.4633	0.0088	0.0769	0.0000	13.0920	0.0069
2017-02-08 10:30:00	0.1601	32.4633	0.0052	0.0769	0.0000	13.0920	0.0041
2017-02-08 10:45:00	0.6920	32.4633	0.0225	0.0769	0.0001	13.0920	0.0176
2017-02-08 11:00:00	0.3032	32.4633	0.0098	0.0769	0.0000	13.0920	0.0077
2017-02-08 11:15:00	0.4361	32.4633	0.0142	0.0769	0.0000	13.0920	0.0111
2017-02-08 11:30:00	0.2698	32.4633	0.0088	0.0769	0.0000	13.0920	0.0069
2017-02-08 11:45:00	0.3510	32.4633	0.0114	0.1503	0.0001	13.0920	0.0089
2017-02-08 12:00:00	0.1862	32.4633	0.0060	0.1902	0.0000	13.0920	0.0047
2017-02-08 12:15:00	0.7813	32.4633	0.0254	0.1902	0.0001	13.0920	0.0198
2017-02-08 12:30:00	0.8372	32.4633	0.0272	0.1902	0.0002	13.0920	0.0213
2017-02-08 12:45:00	0.2893	32.4633	0.0094	0.1902	0.0001	13.0920	0.0073
2017-02-08 13:00:00	1.1121	32.4633	0.0361	0.1357	0.0002	13.0920	0.0282
	0.3022	32.4633	0.0098	0.1834	0.0001	13.0920	0.0077
2017-02-08 13:15:00	0.3022		0.0007	0.1338	0.0000	13.0920	0.0006
	0.0230	32.4633	0.0007				
2017-02-08 13:15:00		32.4633 32.4633	0.0007	0.1742	0.0000	13.0920	0.0003
2017-02-08 13:15:00 2017-02-08 13:30:00	0.0230 0.0517 0.1412		0.0017 0.0046	0.1742 0.3584	0.0000 0.0001	13.0920 13.0920	0.0013 0.0036
2017-02-08 13:15:00 2017-02-08 13:30:00 2017-02-08 13:45:00 2017-02-08 14:00:00 2017-02-08 14:15:00	0.0230 0.0517 0.1412 0.2357	32.4633 32.4633 32.4633	0.0017 0.0046 0.0077	0.1742 0.3584 4.0388	0.0000 0.0001 0.0010	13.0920 13.0920 13.0920	0.0013 0.0036 0.0060
2017-02-08 13:15:00 2017-02-08 13:30:00 2017-02-08 13:45:00 2017-02-08 14:00:00	0.0230 0.0517 0.1412	32.4633 32.4633	0.0017 0.0046	0.1742 0.3584	0.0000 0.0001	13.0920 13.0920	0.0013 0.0036

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-08 15:00:00	0.6633	32.4633	0.0215	0.0648	0.0000	13.0920	0.0168
2017-02-08 15:15:00	8.6496	32.4633	0.2808	0.2196	0.0019	13.0920	0.2197
2017-02-08 15:30:00	13.5064	32.4633	0.4385	0.1316	0.0018	13.0920	0.3430
2017-02-08 15:45:00	12.4361	32.4633	0.4037	0.1018	0.0013 0.0003	13.0920 13.0920	0.3159
2017-02-08 16:00:00 2017-02-08 16:15:00	12.0570 11.6092	32.4633 32.4633	0.3914 0.3769	0.0213 0.0753	0.0003	13.0920	0.3062 0.2949
2017-02-08 16:13:00	8.5319	32.4633	0.3769	0.0753	0.0009	13.0920	0.2949
2017-02-08 16:30:00	8.7079	32.4633	0.2770	0.0337	0.0003	13.0920	0.2167
2017-02-08 10:43:00	9.9157	32.4633	0.3219	0.0382	0.0004	13.0920	0.2518
2017-02-08 17:15:00	8.5638	32.4633	0.2780	0.1306	0.0011	13.0920	0.2175
2017-02-08 17:30:00	10.1576	32.4633	0.3297	0.0000	0.0000	13.0920	0.2580
2017-02-08 17:45:00	5.3028	32.4633	0.1721	0.0000	0.0000	13.0920	0.1347
2017-02-08 18:00:00	2.7834	32.4633	0.0904	0.1505	0.0004	13.0920	0.0707
2017-02-08 18:15:00	4.6347	32.4633	0.1505	0.0838	0.0004	13.0920	0.1177
2017-02-08 18:30:00	4.2047	32.4633	0.1365	0.0838	0.0004	13.0920	0.1068
2017-02-08 18:45:00	4.3830	32.4633	0.1423	0.0838	0.0004	13.0920	0.1113
2017-02-08 19:00:00	4.6924	32.4633	0.1523	0.0838	0.0004	13.0920	0.1192
2017-02-08 19:15:00	8.0494	32.4633	0.2613	0.0838	0.0007	13.0920	0.2044
2017-02-08 19:30:00	4.6753	32.4633	0.1518	0.0838	0.0004	13.0920	0.1187
2017-02-08 19:45:00	2.9559	32.4633	0.0960	0.0838	0.0002	13.0920	0.0751
2017-02-08 20:00:00	4.0041	32.4633	0.1300	0.0838	0.0003	13.0920	0.1017
2017-02-08 20:15:00	4.5747	32.4633	0.1485	0.8828	0.0040	13.0920	0.1162
2017-02-08 20:30:00	5.0414	32.4633	0.1637	1.9247	0.0097	13.0920	0.1280
2017-02-08 20:45:00	0.0931	32.4633	0.0030	1.9247	0.0002	13.0920	0.0024
2017-02-08 21:00:00	0.0713	32.4633	0.0023	2.2528	0.0002	13.0920	0.0018
2017-02-08 21:15:00	0.0288	32.4633	0.0009	2.2072	0.0001	13.0920	0.0007
2017-02-08 21:30:00	0.0000	32.4633	0.0000	1.8050	0.0000	13.0920	0.0000
2017-02-08 21:45:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-08 22:00:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-08 22:15:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-08 22:30:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-08 22:45:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-08 23:00:00 2017-02-08 23:15:00	0.0000	32.4633 32.4633	0.0000 0.0000	1.1865 1.1865	0.0000 0.0000	13.0920 13.0920	0.0000 0.0000
2017-02-08 23:15:00	0.0000 0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-08 23:30:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-08 23:43:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-09 00:05:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-09 00:13:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-09 00:45:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-09 01:00:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-09 01:15:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-09 01:30:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-09 01:45:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-09 02:00:00	0.0000	32.4633	0.0000	1.1865	0.0000	13.0920	0.0000
2017-02-09 02:15:00	0.0000	32.4633	0.0000	0.4868	0.0000	13.0920	0.0000
2017-02-09 02:30:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 02:45:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 03:00:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 03:15:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 03:30:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 03:45:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 04:00:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 04:15:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 04:30:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 04:45:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 05:00:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 05:15:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 05:30:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 05:45:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 06:00:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 06:15:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 06:30:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 06:45:00 2017-02-09 07:00:00	0.0000 0.0000	32.4633 32.4633	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	13.0920 13.0920	0.0000 0.0000
2017-02-09 07:00:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 07:15:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 07:30:00	0.0000	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 07:45:00	0.6555	32.4633	0.0000	0.0000	0.0000	13.0920	0.0000
2017-02-09 08:00:00	0.5119	32.4633	0.0213	0.0000	0.0000	13.0920	0.0166
2017-02-09 08:13:00	0.8627	32.4633	0.0180	0.0000	0.0000	13.0920	0.0130
	0.0027				0.0000		
	0.7426	32 4633	0.0241	() ()()()()			
2017-02-09 08:45:00	0.7426 0.5593	32.4633 32.4633	0.0241 0.0182	0.0000		13.0920 13.0920	0.0189 0.0142
	0.7426 0.5593 1.1500	32.4633 32.4633 32.4633	0.0241 0.0182 0.0373	0.0000 0.0000 0.0000	0.0000 0.0000	13.0920 13.0920 13.0920	0.0142 0.0292

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-09 09:45:00	0.2143	32.4633	0.0070	0.0241	0.0000	13.0920	0.0054
2017-02-09 10:00:00	0.4935	32.4633	0.0160	0.0548	0.0000	13.0920	0.0125
2017-02-09 10:15:00	0.0674	32.4633	0.0022	0.0573	0.0000	13.0920	0.0017
2017-02-09 10:30:00	0.3852	32.4633	0.0125	0.1229	0.0000	13.0920	0.0098
2017-02-09 10:45:00	0.5518	32.4633	0.0179	0.1229	0.0001	13.0920	0.0140
2017-02-09 11:00:00	0.9658	32.4633	0.0314	0.1229	0.0001	13.0920	0.0245
2017-02-09 11:15:00 2017-02-09 11:30:00	0.1429	32.4633	0.0046	0.1229	0.0000	13.0920	0.0036
	0.0838	32.4633 32.4633	0.0027 0.0022	0.1229 0.1229	0.0000 0.0000	13.0920 13.0920	0.0021 0.0017
2017-02-09 11:45:00	0.0665	32.4633	0.0022	0.1229	0.0000	13.0920	0.0017
2017-02-09 12:00:00 2017-02-09 12:15:00	0.0675	32.4633	0.0022	0.1229	0.0000	13.0920	0.0017
	0.0192	32.4633				13.0920	0.0003
2017-02-09 12:30:00 2017-02-09 12:45:00	0.1256 0.0613	32.4633	0.0041 0.0020	0.1167 0.1167	0.0000 0.0000	13.0920	0.0032
2017-02-09 12:45:00	0.0615	32.4633	0.0020	0.1167	0.0000	13.0920	0.0016
2017-02-09 13:05:00	0.0238	32.4633	0.0022	0.1167	0.0000	13.0920	0.0017
2017-02-09 13:13:00	0.0398	32.4633	0.0008	0.2243	0.0000	13.0920	0.0010
2017-02-09 13:30:00	0.1098	32.4633	0.0013	0.2243	0.0000	13.0920	0.0010
2017-02-09 14:00:00	0.1038	32.4633	0.0030	0.1774	0.0000	13.0920	0.0028
2017-02-09 14:15:00	0.0428	32.4633	0.0014	0.2074	0.0000	13.0920	0.0011
2017-02-09 14:30:00	0.2825	32.4633	0.0020	0.2074	0.0001	13.0920	0.0013
2017-02-09 14:45:00	0.2711	32.4633	0.0092	0.2074	0.0001	13.0920	0.0072
2017-02-09 14:45:00	0.0249	32.4633	0.0088	0.1976	0.0001	13.0920	0.0069
2017-02-09 15:15:00	0.1430	32.4633	0.0008	0.2053	0.0000	13.0920	0.0036
2017-02-09 15:30:00	0.1615	32.4633	0.0052	0.2053	0.0000	13.0920	0.0030
2017-02-09 15:45:00	0.2126	32.4633	0.0069	0.1977	0.0000	13.0920	0.0054
2017-02-09 16:00:00	0.0635	32.4633	0.0003	0.2094	0.0000	13.0920	0.0016
2017-02-09 16:15:00	0.0919	32.4633	0.0030	0.2094	0.0000	13.0920	0.0023
2017-02-09 16:30:00	0.0286	32.4633	0.0009	0.2094	0.0000	13.0920	0.0007
2017-02-09 16:45:00	0.0000	32.4633	0.0000	0.2094	0.0000	13.0920	0.0000
2017-02-09 17:00:00	0.1688	32.4633	0.0055	0.2094	0.0000	13.0920	0.0043
2017-02-09 17:15:00	0.0999	32.4633	0.0032	0.2094	0.0000	13.0920	0.0025
2017-02-09 17:30:00	0.2319	32.4633	0.0075	0.2094	0.0000	13.0920	0.0059
2017-02-09 17:45:00	0.3803	32.4633	0.0123	0.2094	0.0001	13.0920	0.0097
2017-02-09 18:00:00	0.2073	32.4633	0.0067	0.2094	0.0000	13.0920	0.0053
2017-02-09 18:15:00	0.0803	32.4633	0.0026	0.2094	0.0000	13.0920	0.0020
2017-02-09 18:30:00	0.6132	32.4633	0.0199	0.2094	0.0001	13.0920	0.0156
2017-02-09 18:45:00	0.2545	32.4633	0.0083	0.2094	0.0001	13.0920	0.0065
2017-02-09 19:00:00	0.8177	32.4633	0.0265	0.2094	0.0002	13.0920	0.0208
2017-02-09 19:15:00	0.7881	32.4633	0.0256	0.2094	0.0002	13.0920	0.0200
2017-02-09 19:30:00	0.4775	32.4633	0.0155	0.2094	0.0001	13.0920	0.0121
2017-02-09 19:45:00	0.5231	32.4633	0.0170	0.2094	0.0001	13.0920	0.0133
2017-02-09 20:00:00	0.2599	32.4633	0.0084	0.2094	0.0001	13.0920	0.0066
2017-02-09 20:15:00	0.8141	32.4633	0.0264	0.2094	0.0002	13.0920	0.0207
2017-02-09 20:30:00	0.6617	32.4633	0.0215	0.2094	0.0001	13.0920	0.0168
2017-02-09 20:45:00	1.4194	32.4633	0.0461	0.2094	0.0003	13.0920	0.0361
2017-02-09 21:00:00	0.5987	32.4633	0.0194	0.2094	0.0001	13.0920	0.0152
2017-02-09 21:15:00	0.4716	32.4633	0.0153	0.2094	0.0001	13.0920	0.0120
2017-02-09 21:30:00	0.9453	32.4633	0.0307	0.2094	0.0002	13.0920	0.0240
2017-02-09 21:45:00	0.1735	32.4633	0.0056	0.2094	0.0000	13.0920	0.0044
2017-02-09 22:00:00	0.4865	32.4633	0.0158	0.2094	0.0001	13.0920	0.0124
2017-02-09 22:15:00	0.9798	32.4633	0.0318	0.2094	0.0002	13.0920	0.0249
2017-02-09 22:30:00	0.3917	32.4633	0.0127	0.2094	0.0001	13.0920	0.0099
2017-02-09 22:45:00	0.9402	32.4633	0.0305	0.2094	0.0002	13.0920	0.0239
2017-02-09 23:00:00	1.9412	32.4633	0.0630	0.1794	0.0003	13.0920	0.0493
2017-02-09 23:15:00	2.2253	32.4633	0.0722	0.0954	0.0002	13.0920	0.0565
2017-02-09 23:30:00	2.6734	32.4633	0.0868	0.0954	0.0003	13.0920	0.0679
2017-02-09 23:45:00	3.5560	32.4633	0.1154	0.0954	0.0003	13.0920	0.0903
2017-02-10 00:00:00	3.1954	32.4633	0.1037	0.0954	0.0003	13.0920	0.0812
2017-02-10 00:15:00	3.6012	32.4633	0.1169	0.0954	0.0003	13.0920	0.0915
2017-02-10 00:30:00	1.6841	32.4633	0.0547	0.0954	0.0002	13.0920	0.0428
2017-02-10 00:45:00	3.3230	32.4633	0.1079	0.0954	0.0003	13.0920	0.0844
2017-02-10 01:00:00	3.7356	32.4633	0.1213	0.0954	0.0004	13.0920	0.0949
2017-02-10 01:15:00	4.3740	32.4633	0.1420	0.0954	0.0004	13.0920	0.1111
2017-02-10 01:30:00	3.8078	32.4633	0.1236	0.0954	0.0004	13.0920	0.0967
2017-02-10 01:45:00	3.4584	32.4633	0.1123	0.0954	0.0003	13.0920	0.0878
2017-02-10 02:00:00	3.9439	32.4633	0.1280	0.0954	0.0004	13.0920	0.1002
2017-02-10 02:15:00	4.6630	32.4633	0.1514	0.0954	0.0004	13.0920	0.1184
	4.6500	32.4633	0.1510	0.0954	0.0004	13.0920	0.1181
2017-02-10 02:30:00			0.1490	0.0954	0.0004	13.0920	0.1166
2017-02-10 02:45:00	4.5908	32.4633					
2017-02-10 02:45:00 2017-02-10 03:00:00	4.7627	32.4633	0.1546	0.0954	0.0005	13.0920	0.1210
2017-02-10 02:45:00 2017-02-10 03:00:00 2017-02-10 03:15:00	4.7627 4.7353	32.4633 32.4633	0.1537	0.0954	0.0005	13.0920	0.1203
2017-02-10 02:45:00 2017-02-10 03:00:00 2017-02-10 03:15:00 2017-02-10 03:30:00	4.7627 4.7353 4.4517	32.4633 32.4633 32.4633	0.1537 0.1445	0.0954 0.0954	0.0005 0.0004	13.0920 13.0920	0.1203 0.1131
2017-02-10 02:45:00 2017-02-10 03:00:00 2017-02-10 03:15:00 2017-02-10 03:30:00 2017-02-10 03:45:00	4.7627 4.7353 4.4517 4.1568	32.4633 32.4633 32.4633 32.4633	0.1537 0.1445 0.1349	0.0954 0.0954 0.0954	0.0005 0.0004 0.0004	13.0920 13.0920 13.0920	0.1203 0.1131 0.1056
2017-02-10 02:45:00 2017-02-10 03:00:00 2017-02-10 03:15:00 2017-02-10 03:30:00	4.7627 4.7353 4.4517	32.4633 32.4633 32.4633	0.1537 0.1445	0.0954 0.0954	0.0005 0.0004	13.0920 13.0920	0.1203 0.1131

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-10 04:30:00	3.6488	32.4633	0.1185	0.0954	0.0003	13.0920	0.0927
2017-02-10 04:45:00	3.5791	32.4633	0.1162	0.0954	0.0003	13.0920	0.0909
2017-02-10 05:00:00	3.7055	32.4633	0.1203	0.0954	0.0004	13.0920	0.0941
2017-02-10 05:15:00	3.3150	32.4633	0.1076	0.0954	0.0003	13.0920	0.0842
2017-02-10 05:30:00	3.7514	32.4633	0.1218	0.0954	0.0004	13.0920	0.0953
2017-02-10 05:45:00	4.1780	32.4633	0.1356	0.0954	0.0004	13.0920	0.1061
2017-02-10 06:00:00	2.4301	32.4633	0.0789	0.0954	0.0002	13.0920	0.0617
2017-02-10 06:15:00	2.7284	32.4633	0.0886	0.0954	0.0003	13.0920	0.0693
2017-02-10 06:30:00	1.7179	32.4633	0.0558	0.0954	0.0002	13.0920	0.0436
2017-02-10 06:45:00	2.9071	32.4633	0.0944	0.0954	0.0003	13.0920	0.0738
2017-02-10 07:00:00	3.1879	32.4633	0.1035	0.0954	0.0003	13.0920	0.0810
2017-02-10 07:15:00	4.0688	32.4633	0.1321	0.0954	0.0004	13.0920	0.1033
2017-02-10 07:30:00	4.1356	32.4633	0.1343	0.0954	0.0004	13.0920	0.1050
2017-02-10 07:45:00	2.7300	32.4633	0.0886	0.0954	0.0003	13.0920	0.0693
2017-02-10 08:00:00	0.8696	32.4633	0.0282	0.0954	0.0001	13.0920	0.0221
2017-02-10 08:15:00	0.3732	32.4633	0.0121	0.0954	0.0000	13.0920	0.0095
2017-02-10 08:30:00	0.0950	32.4633	0.0031	0.0954	0.0000	13.0920	0.0024
2017-02-10 08:45:00	0.0755	32.4633	0.0025	0.0954	0.0000	13.0920	0.0019
2017-02-10 09:00:00	0.1327	32.4633	0.0043	0.0954	0.0000	13.0920	0.0034
2017-02-10 09:15:00	1.6902	32.4633	0.0549	0.0954	0.0002	13.0920	0.0429
2017-02-10 09:30:00	0.6832	32.4633	0.0222	0.0954	0.0001	13.0920	0.0174
2017-02-10 09:45:00	0.9039	32.4633	0.0293	0.0954	0.0001	13.0920	0.0230
2017-02-10 10:00:00	1.0171	32.4633	0.0330	0.0954	0.0001	13.0920	0.0258
2017-02-10 10:15:00	2.4497	32.4633	0.0795	0.0954	0.0002	13.0920	0.0622
2017-02-10 10:30:00	1.7565	32.4633	0.0570	0.0954	0.0002	13.0920	0.0446
2017-02-10 10:45:00	1.4988	32.4633	0.0487	0.0954	0.0001	13.0920	0.0381
2017-02-10 11:00:00	1.5490	32.4633	0.0503	0.0954	0.0001	13.0920	0.0393
2017-02-10 11:15:00	1.4983	32.4633	0.0486	0.0954	0.0001	13.0920	0.0381
2017-02-10 11:30:00	1.7873	32.4633	0.0580	0.0954	0.0002	13.0920	0.0454
2017-02-10 11:45:00	1.7464	32.4633	0.0567	0.0954	0.0002	13.0920	0.0444
2017-02-10 12:00:00	1.3828	32.4633	0.0449	0.0954	0.0001	13.0920	0.0351
2017-02-10 12:15:00	0.5242	32.4633	0.0170	0.0954	0.0001	13.0920	0.0133
2017-02-10 12:30:00	0.6872	32.4633	0.0223	0.0954	0.0001	13.0920	0.0175
2017-02-10 12:45:00	0.5567	32.4633	0.0181	0.0954	0.0001	13.0920	0.0141
2017-02-10 13:00:00	1.2330	32.4633	0.0400	0.0954	0.0001	13.0920	0.0313
2017-02-10 13:15:00	1.2907	32.4633	0.0419	0.0954	0.0001	13.0920	0.0328
2017-02-10 13:30:00	1.1408	32.4633	0.0370	0.0954	0.0001	13.0920	0.0290
2017-02-10 13:45:00	0.6883	32.4633	0.0223	0.0954	0.0001	13.0920	0.0175
2017-02-10 14:00:00	0.7890	32.4633	0.0256	0.0954	0.0001	13.0920	0.0200
2017-02-10 14:15:00	1.4181	32.4633	0.0460	0.0954	0.0001	13.0920	0.0360
2017-02-10 14:30:00	1.8455	32.4633	0.0599	0.0954	0.0002	13.0920	0.0469
2017-02-10 14:45:00	1.3486	32.4633	0.0438	0.0954	0.0001	13.0920	0.0343
2017-02-10 15:00:00	2.9372	32.4633	0.0954	0.0954	0.0003	13.0920	0.0746
2017-02-10 15:15:00	3.8697	32.4633	0.1256	0.0954	0.0004	13.0920	0.0983
2017-02-10 15:30:00	2.5546	32.4633	0.0829	0.0954	0.0002	13.0920	0.0649
2017-02-10 15:45:00	3.4504	32.4633	0.1120	0.0954	0.0003	13.0920	0.0876
2017-02-10 16:00:00	3.7463	32.4633	0.1216	0.0954	0.0004	13.0920	0.0951
2017-02-10 16:15:00	3.6509	32.4633	0.1185	0.0954	0.0003	13.0920	0.0927
2017-02-10 16:30:00	2.2718	32.4633	0.0737	0.0954	0.0002	13.0920	0.0577
2017-02-10 16:45:00	2.8663	32.4633	0.0931	0.0954	0.0003	13.0920	0.0728
2017-02-10 17:00:00	3.0498	32.4633	0.0990	0.0954	0.0003	13.0920	0.0775
2017-02-10 17:15:00	3.1794	32.4633	0.1032	0.0954	0.0003	13.0920	0.0808
2017-02-10 17:30:00	2.7744	32.4633	0.0901	0.0954	0.0003	13.0920	0.0705
2017-02-10 17:45:00	3.5190	32.4633	0.1142	0.0954	0.0003	13.0920	0.0894
2017-02-10 18:00:00	2.7639	32.4633	0.0897	0.0954	0.0003	13.0920	0.0702
2017-02-10 18:15:00	2.8523	32.4633	0.0926	0.0954	0.0003	13.0920	0.0724
2017-02-10 18:30:00	3.4623	32.4633	0.1124	0.0954	0.0003	13.0920	0.0879
2017-02-10 18:45:00	2.8178	32.4633	0.0915	0.0954	0.0003	13.0920	0.0716
2017-02-10 19:00:00	2.7464	32.4633	0.0892	0.0954	0.0003	13.0920	0.0698
2017-02-10 19:15:00	2.5465	32.4633	0.0827	0.0954	0.0002	13.0920	0.0647
2017-02-10 19:30:00	2.0993	32.4633	0.0682	0.0954	0.0002	13.0920	0.0533
2017-02-10 19:45:00	2.6178	32.4633	0.0850	0.0954	0.0002	13.0920	0.0665
2017-02-10 20:00:00	2.8320	32.4633	0.0919	0.0954	0.0003	13.0920	0.0719
2017-02-10 20:15:00	2.6625	32.4633	0.0864	0.0954	0.0003	13.0920	0.0676
2017-02-10 20:30:00	2.9996	32.4633	0.0974	0.0954	0.0003	13.0920	0.0762
2017-02-10 20:45:00	3.4785	32.4633	0.1129	0.0954	0.0003	13.0920	0.0883
2017-02-10 21:00:00	3.7504	32.4633	0.1217	0.0954	0.0004	13.0920	0.0953
2017-02-10 21:15:00	3.8860	32.4633	0.1262	0.0954	0.0004	13.0920	0.0987
2017-02-10 21:30:00	4.0226	32.4633	0.1306	0.0954	0.0004	13.0920	0.1022
2017-02-10 21:45:00	4.0478	32.4633	0.1314	0.0954	0.0004	13.0920	0.1028
2017-02-10 22:00:00	4.1545	32.4633	0.1349	0.0954	0.0004	13.0920	0.1055
2017-02-10 22:15:00	4.1839	32.4633	0.1358	0.0954	0.0004	13.0920	0.1063
2017-02-10 22:30:00	4.1261	32.4633	0.1339	0.0954	0.0004	13.0920	0.1048
2017-02-10 22:45:00	4.2254	32.4633	0.1372	0.0954	0.0004	13.0920	0.1073
2017-02-10 23:00:00	4.1623	32.4633	0.1351	0.0954	0.0004	13.0920	0.1057

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-10 23:15:00	3.3794	32.4633	0.1097	0.0954	0.0003	13.0920	0.0858
2017-02-10 23:30:00	3.6503	32.4633	0.1185	0.0954	0.0003	13.0920	0.0927
2017-02-10 23:45:00	4.2997	32.4633	0.1396	0.0954	0.0004	13.0920	0.1092
2017-02-11 00:00:00	4.5854	32.4633	0.1489	0.0954	0.0004	13.0920	0.1165
2017-02-11 00:15:00	4.3550	32.4633	0.1414	0.0954	0.0004	13.0920	0.1106
2017-02-11 00:30:00	4.3170	32.4633	0.1401	0.0954	0.0004	13.0920	0.1096
2017-02-11 00:45:00	4.3925	32.4633	0.1426	0.0954	0.0004	13.0920	0.1116
2017-02-11 01:00:00	4.3925	32.4633	0.1426	0.0954	0.0004	13.0920	0.1116
2017-02-11 01:15:00	4.3925	32.4633	0.1426	0.0954	0.0004	13.0920	0.1116
2017-02-11 01:30:00	4.3925	32.4633	0.1426	0.0954	0.0004	13.0920	0.1116
2017-02-11 01:45:00	4.3925	32.4633	0.1426	0.0954	0.0004	13.0920	0.1116
2017-02-11 02:00:00	4.3925	32.4633	0.1426	0.0954	0.0004	13.0920	0.1116
2017-02-11 02:15:00	4.3925	32.4633	0.1426	0.0954	0.0004	13.0920	0.1116
2017-02-11 02:30:00	4.8190	32.4633	0.1564	0.0954	0.0005	13.0920	0.1224
2017-02-11 02:45:00	4.8561	32.4633	0.1576	0.0954	0.0005	13.0920	0.1233
2017-02-11 03:00:00	4.8561	32.4633	0.1576	0.0954	0.0005	13.0920	0.1233
2017-02-11 03:15:00	4.7799	32.4633	0.1552	0.0954	0.0005	13.0920	0.1214
2017-02-11 03:30:00	4.3925	32.4633	0.1426	0.0954	0.0004	13.0920	0.1116
2017-02-11 03:45:00	4.3692	32.4633	0.1418	0.0954	0.0004	13.0920	0.1110
2017-02-11 04:00:00	4.7530	32.4633	0.1543	0.0954	0.0005	13.0920	0.1207
2017-02-11 04:15:00	4.7189	32.4633	0.1532	0.0954	0.0005	13.0920	0.1199
2017-02-11 04:30:00	4.7907	32.4633	0.1555	0.0954	0.0005	13.0920	0.1217
2017-02-11 04:45:00	4.7745	32.4633	0.1550	0.0954	0.0005	13.0920	0.1213
2017-02-11 05:00:00	4.7812	32.4633	0.1552	0.0954	0.0005	13.0920	0.1214
2017-02-11 05:15:00	4.8039	32.4633	0.1559	0.0954	0.0005	13.0920	0.1220
2017-02-11 05:30:00	4.8039	32.4633	0.1559	0.0954	0.0005	13.0920	0.1220
2017-02-11 05:45:00	4.8039	32.4633	0.1559	0.0954	0.0005	13.0920	0.1220
2017-02-11 06:00:00	4.6360	32.4633	0.1505	0.0954	0.0004	13.0920	0.1177
2017-02-11 06:15:00	4.6437	32.4633	0.1508	0.0954	0.0004	13.0920	0.1179
2017-02-11 06:30:00	4.6437	32.4633	0.1508	0.0954	0.0004	13.0920	0.1179
2017-02-11 06:45:00	4.6437	32.4633	0.1508	0.0954	0.0004	13.0920	0.1179
2017-02-11 07:00:00	4.6437	32.4633	0.1508	0.0954	0.0004	13.0920	0.1179
2017-02-11 07:15:00	4.6437	32.4633	0.1508	0.0954	0.0004	13.0920	0.1179
2017-02-11 07:30:00	4.5943	32.4633	0.1491	0.0954	0.0004	13.0920	0.1167
2017-02-11 07:45:00	4.3268	32.4633	0.1405	0.0954	0.0004	13.0920	0.1099
2017-02-11 08:00:00	4.5567	32.4633	0.1479	0.0954	0.0004	13.0920	0.1157
2017-02-11 08:15:00	4.4471	32.4633	0.1444	0.0954	0.0004	13.0920	0.1129
2017-02-11 08:30:00	4.1466	32.4633	0.1346	0.0954	0.0004	13.0920	0.1053
2017-02-11 08:45:00	3.8752	32.4633	0.1258	0.0954	0.0004	13.0920	0.0984
2017-02-11 09:00:00	4.2173	32.4633	0.1369	0.0954	0.0004	13.0920	0.1071
2017-02-11 09:15:00	4.0854	32.4633	0.1326	0.0954	0.0004	13.0920	0.1038
2017-02-11 09:30:00	4.1087	32.4633	0.1334	0.0954	0.0004	13.0920	0.1044
2017-02-11 09:45:00	3.3618	32.4633	0.1091	0.0954	0.0003	13.0920	0.0854
2017-02-11 10:00:00	4.0633	32.4633	0.1319	0.0954	0.0004	13.0920	0.1032
2017-02-11 10:15:00	3.6235	32.4633	0.1176	0.0954	0.0003	13.0920	0.0920
2017-02-11 10:30:00	3.3310	32.4633	0.1081	0.0954	0.0003	13.0920	0.0846
2017-02-11 10:45:00	2.9810	32.4633	0.0968	0.0954	0.0003	13.0920	0.0757
2017-02-11 11:00:00	3.5527	32.4633	0.1153	0.0954	0.0003	13.0920	0.0902
2017-02-11 11:15:00	3.7925	32.4633	0.1231	0.0954	0.0004	13.0920	0.0963
2017-02-11 11:30:00	3.6813	32.4633	0.1195	0.0954	0.0004	13.0920	0.0935
2017-02-11 11:45:00	3.4818	32.4633	0.1130	0.0954	0.0003	13.0920	0.0884
2017-02-11 12:00:00	2.8716	32.4633	0.0932	0.0954	0.0003	13.0920	0.0729
2017-02-11 12:15:00	2.1547	32.4633	0.0699	0.0954	0.0002	13.0920	0.0547
2017-02-11 12:30:00	1.9664	32.4633	0.0638	0.0954	0.0002	13.0920	0.0499
2017-02-11 12:45:00 2017-02-11 13:00:00	2.1366	32.4633	0.0694	0.0954	0.0002	13.0920	0.0543
2017-02-11 13:00:00 2017-02-11 13:15:00	1.3308	32.4633 32.4633	0.0432 0.0216	0.0954 0.0954	0.0001 0.0001	13.0920 13.0920	0.0338 0.0169
	0.6643						
2017-02-11 13:30:00	0.4717	32.4633	0.0153	0.0954	0.0000	13.0920	0.0120
2017-02-11 13:45:00 2017-02-11 14:00:00	0.6154	32.4633	0.0200	0.0954	0.0001	13.0920	0.0156
	0.6423	32.4633	0.0208	0.0954	0.0001	13.0920	0.0163
2017-02-11 14:15:00	2.3639	32.4633	0.0767	0.0954	0.0002	13.0920	0.0600
2017-02-11 14:30:00	1.9468	32.4633	0.0632	0.0954	0.0002	13.0920	0.0494
2017-02-11 14:45:00 2017-02-11 15:00:00	0.6644	32.4633	0.0216 0.1049	0.0954 0.0954	0.0001 0.0003	13.0920	0.0169
	3.2314	32.4633				13.0920	0.0821
2017-02-11 15:15:00	3.5867	32.4633	0.1164	0.0954	0.0003	13.0920	0.0911
2017-02-11 15:30:00	2.1762	32.4633	0.0706	0.0954	0.0002	13.0920	0.0553
2017-02-11 15:45:00	3.5356	32.4633	0.1148	0.0954	0.0003	13.0920	0.0898
2017-02-11 16:00:00	2.9418	32.4633	0.0955	0.0954	0.0003	13.0920	0.0747
2017-02-11 16:15:00	3.0397	32.4633	0.0987	0.0954	0.0003	13.0920	0.0772
2017-02-11 16:30:00	1.8935	32.4633	0.0615	0.0954	0.0002	13.0920	0.0481
2017-02-11 16:45:00	2.0872	32.4633	0.0678	0.0954	0.0002	13.0920	0.0530
2017-02-11 17:00:00	3.6606	32.4633	0.1188	0.0954	0.0003	13.0920	0.0930
2017-02-11 17:15:00	3.2160	32.4633	0.1044	0.0954	0.0003	13.0920	0.0817
2017-02-11 17:30:00	3.6068	32.4633	0.1171	0.0954	0.0003	13.0920	0.0916
2017-02-11 17:45:00	2.8066	32.4633	0.0911	0.0954	0.0003	13.0920	0.0713

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-11 18:00:00	2.1943	32.4633	0.0712	0.0954	0.0002	13.0920	0.0557
2017-02-11 18:15:00	1.8105	32.4633	0.0588	0.0954	0.0002	13.0920	0.0460
2017-02-11 18:30:00	1.2062	32.4633	0.0392	0.0954	0.0001	13.0920	0.0306
2017-02-11 18:45:00	0.9195	32.4633	0.0299	0.0954	0.0001	13.0920	0.0234
2017-02-11 19:00:00	0.5064	32.4633	0.0164	0.0954	0.0000	13.0920	0.0129
2017-02-11 19:15:00	1.0288	32.4633	0.0334	0.0954	0.0001	13.0920	0.0261
2017-02-11 19:30:00	1.2307	32.4633	0.0400	0.0954	0.0001	13.0920	0.0313
2017-02-11 19:45:00	1.4754	32.4633	0.0479	0.0954	0.0001	13.0920	0.0375
2017-02-11 20:00:00	1.3127	32.4633	0.0426	0.0954	0.0001	13.0920	0.0333
2017-02-11 20:15:00	1.7326	32.4633	0.0562	0.0954	0.0002	13.0920	0.0440
2017-02-11 20:30:00	2.6430	32.4633	0.0858	0.0954	0.0003	13.0920	0.0671
2017-02-11 20:45:00	2.7287	32.4633	0.0886	0.0954	0.0003	13.0920	0.0693
2017-02-11 21:00:00	3.4588	32.4633	0.1123	0.0954	0.0003	13.0920	0.0878
2017-02-11 21:15:00	3.3766	32.4633	0.1096	0.0954	0.0003	13.0920	0.0858
2017-02-11 21:30:00	3.4615	32.4633	0.1124	0.0954	0.0003	13.0920	0.0879
2017-02-11 21:45:00	3.4771	32.4633	0.1129	0.0954	0.0003	13.0920	0.0883
2017-02-11 22:00:00	3.6659	32.4633	0.1190	0.0954	0.0003	13.0920	0.0931
2017-02-11 22:15:00	3.6253	32.4633	0.1177	0.0954	0.0003	13.0920	0.0921
2017-02-11 22:30:00	3.5643	32.4633	0.1157	0.0954	0.0003	13.0920	0.0905
2017-02-11 22:45:00	2.6144	32.4633	0.0849	0.0954	0.0002	13.0920	0.0664
2017-02-11 23:00:00	1.9086	32.4633	0.0620	0.0954	0.0002	13.0920	0.0485
2017-02-11 23:15:00	2.8346	32.4633	0.0920	0.0954	0.0003	13.0920 13.0920	0.0720
2017-02-11 23:30:00 2017-02-11 23:45:00	3.6061 3.3517	32.4633 32.4633	0.1171 0.1088	0.0954 0.0954	0.0003 0.0003	13.0920	0.0916 0.0851
	3.3517 4.1053	32.4633 32.4633	0.1088	0.0954	0.0003	13.0920	0.0851
2017-02-12 00:00:00 2017-02-12 00:15:00		32.4633 32.4633	0.1333	0.0954	0.0004	13.0920	
2017-02-12 00:15:00 2017-02-12 00:30:00	4.0739 4.0665	32.4633 32.4633	0.1323	0.0954	0.0004	13.0920	0.1035 0.1033
2017-02-12 00:30:00	4.0538	32.4633	0.1320	0.0954	0.0004	13.0920	0.1033
2017-02-12 00:43:00	4.0536 3.8752	32.4633	0.1316	0.0954	0.0004	13.0920	0.1030
2017-02-12 01:00:00	4.1657	32.4633	0.1258	0.0954	0.0004	13.0920	0.1058
2017-02-12 01:13:00	4.3216	32.4633	0.1403	0.0954	0.0004	13.0920	0.1098
2017-02-12 01:30:00	4.3967	32.4633	0.1403	0.0954	0.0004	13.0920	0.1117
2017-02-12 01:43:00	4.5217	32.4633	0.1427	0.0954	0.0004	13.0920	0.1117
2017-02-12 02:05:00	4.2441	32.4633	0.1378	0.0954	0.0004	13.0920	0.1078
2017-02-12 02:30:00	4.0636	32.4633	0.1319	0.0954	0.0004	13.0920	0.1032
2017-02-12 02:45:00	4.2721	32.4633	0.1387	0.0954	0.0004	13.0920	0.1085
2017-02-12 03:00:00	4.2296	32.4633	0.1373	0.0954	0.0004	13.0920	0.1074
2017-02-12 03:15:00	4.0480	32.4633	0.1314	0.0954	0.0004	13.0920	0.1028
2017-02-12 03:30:00	4.1464	32.4633	0.1346	0.0954	0.0004	13.0920	0.1053
2017-02-12 03:45:00	4.4870	32.4633	0.1457	0.0954	0.0004	13.0920	0.1140
2017-02-12 04:00:00	4.1437	32.4633	0.1345	0.0954	0.0004	13.0920	0.1052
2017-02-12 04:15:00	4.0633	32.4633	0.1319	0.0954	0.0004	13.0920	0.1032
2017-02-12 04:30:00	4.0413	32.4633	0.1312	0.0954	0.0004	13.0920	0.1026
2017-02-12 04:45:00	3.7383	32.4633	0.1214	0.0954	0.0004	13.0920	0.0949
2017-02-12 05:00:00	3.5487	32.4633	0.1152	0.0954	0.0003	13.0920	0.0901
2017-02-12 05:15:00	3.7437	32.4633	0.1215	0.0954	0.0004	13.0920	0.0951
2017-02-12 05:30:00	4.0824	32.4633	0.1325	0.0954	0.0004	13.0920	0.1037
2017-02-12 05:45:00	4.3347	32.4633	0.1407	0.0954	0.0004	13.0920	0.1101
2017-02-12 06:00:00	4.2341	32.4633	0.1375	0.0954	0.0004	13.0920	0.1075
2017-02-12 06:15:00	3.8065	32.4633	0.1236	0.0954	0.0004	13.0920	0.0967
2017-02-12 06:30:00	2.7831	32.4633	0.0903	0.0954	0.0003	13.0920	0.0707
2017-02-12 06:45:00	0.5796	32.4633	0.0188	0.0954	0.0001	13.0920	0.0147
2017-02-12 07:00:00	0.0544	32.4633	0.0018	0.0954	0.0000	13.0920	0.0014
2017-02-12 07:15:00	0.4875	32.4633	0.0158	0.0954	0.0000	13.0920	0.0124
2017-02-12 07:30:00	0.1337	32.4633	0.0043	0.0954	0.0000	13.0920	0.0034
2017-02-12 07:45:00	0.0000	32.4633	0.0000	0.0954	0.0000	13.0920	0.0000
2017-02-12 08:00:00	0.0000	32.4633	0.0000	0.0954	0.0000	13.0920	0.0000
2017-02-12 08:15:00	0.0000	32.4633	0.0000	0.0954	0.0000	13.0920	0.0000
2017-02-12 08:30:00	0.0000	32.4633	0.0000	0.0954	0.0000	13.0920	0.0000
2017-02-12 08:45:00	0.0000	32.4633	0.0000	0.0954	0.0000	13.0920	0.0000
2017-02-12 09:00:00	0.0000	32.4633	0.0000	0.0954	0.0000	13.0920	0.0000
2017-02-12 09:15:00	0.1360	32.4633	0.0044	0.0954	0.0000	13.0920	0.0035
2017-02-12 09:30:00	1.8103	32.4633	0.0588	0.0954	0.0002	13.0920	0.0460
2017-02-12 09:45:00	1.6695	32.4633	0.0542	0.0954	0.0002	13.0920	0.0424
2017-02-12 10:00:00	1.1738	32.4633	0.0381	0.0954	0.0001	13.0920	0.0298
2017-02-12 10:15:00	0.0376	32.4633	0.0012	0.0954	0.0000	13.0920	0.0010
2017-02-12 10:30:00	1.0821	32.4633	0.0351	0.0954	0.0001	13.0920	0.0275
2017-02-12 10:45:00	0.2487	32.4633	0.0081	0.0954	0.0000	13.0920	0.0063
2017-02-12 11:00:00	0.5075	32.4633	0.0165	0.0954	0.0000	13.0920	0.0129
2017-02-12 11:15:00	0.4221	32.4633	0.0137	0.0954	0.0000	13.0920	0.0107
2017-02-12 11:30:00	0.4761	32.4633	0.0155	0.0954	0.0000	13.0920	0.0121
2017-02-12 11:45:00	0.6747	32.4633	0.0219	0.0954	0.0001	13.0920	0.0171
2047 02 42 42 00 00	0.7572	32.4633	0.0246	0.0954	0.0001	13.0920	0.0192
2017-02-12 12:00:00	0.7372						
2017-02-12 12:00:00 2017-02-12 12:15:00	1.1261	32.4633	0.0366	0.0954	0.0001	13.0920	0.0286

		Dalant Carrage Alas E		A -1-1 CA1-			
Parameter	Volumetric Flow Rate		missions - A2 Nitric Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-12 12:45:00	1.2465	32.4633	0.0405	0.0954	0.0001	13.0920	0.0317
2017-02-12 13:00:00	1.2586	32.4633	0.0409	0.0954	0.0001	13.0920	0.0320
2017-02-12 13:15:00	0.9967	32.4633	0.0324	0.0954	0.0001	13.0920	0.0253
2017-02-12 13:30:00	1.7966	32.4633	0.0583	0.0954	0.0002	13.0920	0.0456
2017-02-12 13:45:00	1.5964	32.4633	0.0518	0.0954	0.0002	13.0920	0.0405
2017-02-12 14:00:00	1.1158	32.4633	0.0362	0.0954	0.0001	13.0920	0.0283
2017-02-12 14:15:00	1.2717	32.4633	0.0413	0.0954	0.0001	13.0920	0.0323
2017-02-12 14:30:00 2017-02-12 14:45:00	1.4761	32.4633	0.0479	0.0954	0.0001	13.0920	0.0375
2017-02-12 14:45:00	0.9990 3.2088	32.4633 32.4633	0.0324 0.1042	0.0954 0.0954	0.0001 0.0003	13.0920 13.0920	0.0254 0.0815
2017-02-12 15:00:00	3.8221	32.4633	0.1042	0.0954	0.0003	13.0920	0.0971
2017-02-12 15:30:00	3.1473	32.4633	0.1022	0.0954	0.0004	13.0920	0.0799
2017-02-12 15:45:00	2.3899	32.4633	0.0776	0.0954	0.0002	13.0920	0.0607
2017-02-12 16:00:00	1.9140	32.4633	0.0621	0.0954	0.0002	13.0920	0.0486
2017-02-12 16:15:00	2.8357	32.4633	0.0921	0.0954	0.0003	13.0920	0.0720
2017-02-12 16:30:00	3.2897	32.4633	0.1068	0.1644	0.0005	13.0920	0.0836
2017-02-12 16:45:00	2.7539	32.4633	0.0894	0.0754	0.0002	13.0920	0.0699
2017-02-12 17:00:00	1.6077	32.4633	0.0522	0.0433	0.0001	13.0920	0.0408
2017-02-12 17:15:00	2.3167	32.4633	0.0752	0.0433	0.0001	13.0920	0.0588
2017-02-12 17:30:00	2.0875	32.4633	0.0678	0.0433	0.0001	13.0920	0.0530
2017-02-12 17:45:00	1.2472	32.4633	0.0405	0.0433	0.0001	13.0920	0.0317
2017-02-12 18:00:00	1.3466	32.4633	0.0437	0.0708	0.0001	13.0920	0.0342
2017-02-12 18:15:00	1.4972	32.4633	0.0486	0.0481	0.0001	13.0920	0.0380
2017-02-12 18:30:00	1.1092	32.4633	0.0360	0.0481	0.0001	13.0920	0.0282
2017-02-12 18:45:00	1.1302	32.4633	0.0367	0.0481	0.0001	13.0920	0.0287
2017-02-12 19:00:00	0.8026	32.4633	0.0261	0.0481	0.0000	13.0920	0.0204
2017-02-12 19:15:00	1.3234	32.4633	0.0430	0.0481	0.0001	13.0920	0.0336
2017-02-12 19:30:00	0.3219	32.4633	0.0104	0.0481	0.0000	13.0920	0.0082
2017-02-12 19:45:00	0.6842	32.4633	0.0222	0.0481	0.0000	13.0920	0.0174
2017-02-12 20:00:00	0.7625	32.4633	0.0248	0.0481	0.0000	13.0920	0.0194
2017-02-12 20:15:00 2017-02-12 20:30:00	0.4287 1.0010	32.4633 32.4633	0.0139 0.0325	0.0481 0.0481	0.0000 0.0000	13.0920 13.0920	0.0109 0.0254
2017-02-12 20:30:00	0.5554	32.4633	0.0323	0.0481	0.0000	13.0920	0.0141
2017-02-12 20:43:00	0.6935	32.4633	0.0180	0.0481	0.0000	13.0920	0.0141
2017-02-12 21:15:00	0.8881	32.4633	0.0288	0.0481	0.0000	13.0920	0.0226
2017-02-12 21:30:00	0.8543	32.4633	0.0277	0.0481	0.0000	13.0920	0.0217
2017-02-12 21:45:00	1.2112	32.4633	0.0393	0.0481	0.0001	13.0920	0.0308
2017-02-12 22:00:00	0.8327	32.4633	0.0270	0.0481	0.0000	13.0920	0.0211
2017-02-12 22:15:00	1.3488	32.4633	0.0438	0.0481	0.0001	13.0920	0.0343
2017-02-12 22:30:00	1.1665	32.4633	0.0379	0.0481	0.0001	13.0920	0.0296
2017-02-12 22:45:00	1.6591	32.4633	0.0539	0.0481	0.0001	13.0920	0.0421
2017-02-12 23:00:00	1.6790	32.4633	0.0545	0.0481	0.0001	13.0920	0.0426
2017-02-12 23:15:00	2.7467	32.4633	0.0892	0.0481	0.0001	13.0920	0.0698
2017-02-12 23:30:00	2.3530	32.4633	0.0764	0.0481	0.0001	13.0920	0.0598
2017-02-12 23:45:00	0.5597	32.4633	0.0182	0.0481	0.0000	13.0920	0.0142
2017-02-13 00:00:00	1.1125	32.4633	0.0361	0.0481	0.0001	13.0920	0.0283
2017-02-13 00:15:00	1.7017	32.4633	0.0552	0.0481	0.0001	13.0920	0.0432
2017-02-13 00:30:00 2017-02-13 00:45:00	1.0757	32.4633	0.0349	0.0481	0.0001	13.0920	0.0273
2017-02-13 00:45:00 2017-02-13 01:00:00	2.0424 1.2481	32.4633 32.4633	0.0663 0.0405	0.0481 0.0481	0.0001 0.0001	13.0920 13.0920	0.0519 0.0317
2017-02-13 01:00:00	1.2481	32.4633	0.0405	0.0481	0.0001	13.0920	0.0317
2017-02-13 01:13:00	0.9301	32.4633	0.0333	0.0481	0.0001	13.0920	0.0277
2017-02-13 01:45:00	0.9601	32.4633	0.0312	0.0481	0.0000	13.0920	0.0244
2017-02-13 02:00:00	0.7341	32.4633	0.0238	0.0481	0.0000	13.0920	0.0186
2017-02-13 02:15:00	0.5757	32.4633	0.0187	0.0481	0.0000	13.0920	0.0146
2017-02-13 02:30:00	0.2744	32.4633	0.0089	0.0481	0.0000	13.0920	0.0070
2017-02-13 02:45:00	0.3187	32.4633	0.0103	0.0481	0.0000	13.0920	0.0081
2017-02-13 03:00:00	0.3591	32.4633	0.0117	0.0481	0.0000	13.0920	0.0091
2017-02-13 03:15:00	0.8394	32.4633	0.0272	0.0481	0.0000	13.0920	0.0213
2017-02-13 03:30:00	0.7480	32.4633	0.0243	0.0481	0.0000	13.0920	0.0190
2017-02-13 03:45:00	0.8554	32.4633	0.0278	0.0481	0.0000	13.0920	0.0217
2017-02-13 04:00:00	0.4957	32.4633	0.0161	0.0481	0.0000	13.0920	0.0126
2017-02-13 04:15:00	0.3135	32.4633	0.0102	0.0481	0.0000	13.0920	0.0080
2017-02-13 04:30:00	0.2286	32.4633	0.0074	0.0481	0.0000	13.0920	0.0058
2017-02-13 04:45:00	0.1630	32.4633	0.0053	0.0481	0.0000	13.0920	0.0041
2017-02-13 05:00:00	0.2840	32.4633	0.0092	0.0481	0.0000	13.0920	0.0072
2017-02-13 05:15:00	0.1568	32.4633	0.0051	0.0481	0.0000	13.0920	0.0040
2017-02-13 05:30:00	0.1172	32.4633 32.4633	0.0038 0.0152	0.0481 0.0481	0.0000 0.0000	13.0920 13.0920	0.0030 0.0119
2017-02-13 05:45:00 2017-02-13 06:00:00	0.4679 0.7456	32.4633 32.4633	0.0152	0.0481	0.0000	13.0920	0.0119
	0.7456	32.4633	0.0242	0.0481	0.0000	13.0920	0.0189
	0.7634	32.4033	0.0233				
2017-02-13 06:15:00 2017-02-13 06:30:00	N 9221	33 4633	U U500	በ በ481	0 0000	13 0020	U U334
2017-02-13 06:30:00	0.9221 0.3172	32.4633 32.4633	0.0299 0.0103	0.0481 0.0481	0.0000 0.0000	13.0920 13.0920	0.0234 0.0081
	0.9221 0.3172 0.0934	32.4633 32.4633 32.4633	0.0299 0.0103 0.0030	0.0481 0.0481 0.0481	0.0000 0.0000 0.0000	13.0920 13.0920 13.0920	0.0234 0.0081 0.0024

Parameter Volumentic Flow fields		Po		Point Source Air Fr	nissions - A2 Nitric	Acid Stack			
2017-01-19 7-5000	ameter		Volumetric Flow Rate					N2	20
2017/0-11 1018/0-00 0.0598 32.4632 0.0019 0.0481 0.0000 1.05920 2017/0-11 0.0810 0.0000 0.05920 2.06330 0.0000				mg/Nm3				ppmv	g/s
2017/0-13 2016/0-10 2018 32.4633 0.0022 0.0481 0.0000 11.0920 2017/0-13 2018/0-13									0.0067
2017/0-13 9815-00									0.0035
2007/07-18 (98.900)									0.0015
2017Q-13 086500									0.0010
2017-02-19 00 00 00									0.0020
2017 07.31 901.500									0.0025
2017-02-13 03-000									0.0005
2017 2013 2016 2017 2013 2017 2013 2016 2017 2013 2016 2017 2013 2016 2017 2013 2016 2017 2013 2017 2013 2016 2017 2013 2016 2017 2013 2016 2017 2013 2016 2017 2013 2016 2017 2013 2017 2013 2016 2017 2013 2017 2013 2017 2013 2017 2013 2017 2013 2017 2013 2017 2013 2017 2013 2016 2017 2013									0.0055
2017-02-31 10:5000									0.0031
2017-02-13 10-35:00									0.0024
2017-02-13 10/8-00									0.0059
2017-02-13 10:05:00									0.0023
2017-02-13 11-00:00									0.0027
2017-02-13 113-000									0.0038
2017-02-13 11:05:00									0.0052
2017-02-13 13-25-00									0.0086
2017-02-13 12-05-00									0.0167
2017-02-13 12-5500									0.0141
2017-02-13 12-30:00									0.0072
2017-02-13 12-45-00		l							0.0184
2017-02-13 13:00:00		ı							0.0210
2017-02-13 13-15:00		ı							0.0142
2017-02-13 13-30:00		ı							0.0101
2017-02-13 124-500		ı							0.0112
2017-02-13 14-0000		ı							0.0117
2017-02-13 14:15:00		l							0.0139
2017-02-13 14-3000									0.0140
2017-02-13 14:4500									0.0075
2017-02-13 15:00:00									0.0044
2017-02-13 15:35:00									0.0094
2017-02-13 15:30:00									0.0175
2017-02-13 15-45-00									0.0294
2017-02-13 16:00:00									0.0108
2017-02-13 16:15:00									0.0139
2017-02-13 16-30:00									0.0063
2017-02-13 16:45:00									0.0184
2017-02-13 17:00:00									0.0266
2017-02-13 17:15:00									0.0178 0.0120
2017-02-13 17:30:00									0.0120
2017-02-13 17:45:00									0.0320
2017-02-13 18:00:00									0.0173
2017-02-13 18:15:00									0.0017
2017-02-13 18:30:00									0.0180
2017-02-13 18:45:00									0.0180
2017-02-13 19:00:00									0.0041
2017-02-13 19:15:00									0.0041
2017-02-13 19:30:00 0.4434 32.4633 0.0144 0.0062 0.0000 13.0920 2017-02-13 19:45:00 0.5576 32.4633 0.0181 0.0062 0.0000 13.0920 2017-02-13 20:00:00 0.2813 32.4633 0.0091 0.0497 0.0000 13.0920 2017-02-13 20:15:00 0.2044 32.4633 0.0066 0.0096 0.0000 13.0920 2017-02-13 20:30:00 0.3613 32.4633 0.0117 0.0096 0.0000 13.0920 2017-02-13 20:45:00 0.7469 32.4633 0.0137 0.0096 0.0000 13.0920 2017-02-13 21:50:00 0.4228 32.4633 0.0137 0.0096 0.0000 13.0920 2017-02-13 21:15:00 0.1614 32.4633 0.0052 0.0096 0.0000 13.0920 2017-02-13 21:30:00 0.6368 32.4633 0.0207 0.0096 0.0000 13.0920 2017-02-13 21:31:5:00 0.6185 32.4633 0.0201 0.0096 0.0000 13.0920 2									0.0065
2017-02-13 19:45:00 0.5576 32.4633 0.0181 0.0062 0.0000 13.0920 2017-02-13 20:00:00 0.2813 32.4633 0.0091 0.0497 0.0000 13.0920 2017-02-13 20:15:00 0.2044 32.4633 0.0066 0.0096 0.0000 13.0920 2017-02-13 20:30:00 0.3613 32.4633 0.0117 0.0096 0.0000 13.0920 2017-02-13 20:45:00 0.7469 32.4633 0.0242 0.0096 0.0000 13.0920 2017-02-13 21:15:00 0.4228 32.4633 0.0137 0.0096 0.0000 13.0920 2017-02-13 21:15:00 0.1614 32.4633 0.0052 0.0096 0.0000 13.0920 2017-02-13 21:30:00 0.6368 32.4633 0.0207 0.0096 0.0000 13.0920 2017-02-13 21:45:00 0.6185 32.4633 0.0207 0.0096 0.0000 13.0920 2017-02-13 22:45:00 0.5311 32.4633 0.0201 0.0096 0.0000 13.0920 201		ı							0.0113
2017-02-13 20:00:00 0.2813 32.4633 0.0091 0.0497 0.0000 13.0920 2017-02-13 20:15:00 0.2044 32.4633 0.0066 0.0096 0.0000 13.0920 2017-02-13 20:30:00 0.3613 32.4633 0.0117 0.0096 0.0000 13.0920 2017-02-13 20:45:00 0.7469 32.4633 0.0137 0.0096 0.0000 13.0920 2017-02-13 21:00:00 0.4228 32.4633 0.0137 0.0096 0.0000 13.0920 2017-02-13 21:15:00 0.1614 32.4633 0.0052 0.0096 0.0000 13.0920 2017-02-13 21:30:00 0.6368 32.4633 0.0207 0.0096 0.0000 13.0920 2017-02-13 21:45:00 0.6185 32.4633 0.0207 0.0096 0.0000 13.0920 2017-02-13 22:00:00 0.3349 32.4633 0.0109 0.0096 0.0000 13.0920 2017-02-13 22:31:00 0.5311 32.4633 0.0109 0.0096 0.0000 13.0920 201		ı							0.0113
2017-02-13 20:15:00 0.2044 32.4633 0.0066 0.0096 0.0000 13.0920 2017-02-13 20:30:00 0.3613 32.4633 0.0117 0.0096 0.0000 13.0920 2017-02-13 20:45:00 0.7469 32.4633 0.0242 0.0096 0.0000 13.0920 2017-02-13 21:00:00 0.4228 32.4633 0.0137 0.0096 0.0000 13.0920 2017-02-13 21:15:00 0.1614 32.4633 0.0052 0.0096 0.0000 13.0920 2017-02-13 21:30:00 0.6368 32.4633 0.0207 0.0096 0.0000 13.0920 2017-02-13 21:45:00 0.6185 32.4633 0.0201 0.0096 0.0000 13.0920 2017-02-13 22:00:00 0.3349 32.4633 0.0201 0.0096 0.0000 13.0920 2017-02-13 22:15:00 0.5311 32.4633 0.0172 0.0096 0.0000 13.0920 2017-02-13 22:35:00 0.5311 32.4633 0.0017 0.0096 0.0000 13.0920 201		l							0.0071
2017-02-13 20:30:00 0.3613 32.4633 0.0117 0.0096 0.0000 13.0920 2017-02-13 20:45:00 0.7469 32.4633 0.0242 0.0096 0.0000 13.0920 2017-02-13 21:00:00 0.4228 32.4633 0.0137 0.0096 0.0000 13.0920 2017-02-13 21:15:00 0.1614 32.4633 0.0052 0.0096 0.0000 13.0920 2017-02-13 21:30:00 0.6368 32.4633 0.0207 0.0096 0.0000 13.0920 2017-02-13 21:45:00 0.6185 32.4633 0.0201 0.0096 0.0000 13.0920 2017-02-13 22:00:00 0.6388 32.4633 0.0201 0.0096 0.0000 13.0920 2017-02-13 22:00:00 0.3349 32.4633 0.0109 0.0096 0.0000 13.0920 2017-02-13 22:15:00 0.5311 32.4633 0.0172 0.0096 0.0000 13.0920 2017-02-13 22:45:00 0.2493 32.4633 0.0081 0.0116 0.0000 13.0920 201		ı							0.0052
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2017-02-13 21:15:00 0.1614 32.4633 0.0052 0.0096 0.0000 13.0920 2017-02-13 21:30:00 0.6368 32.4633 0.0207 0.0096 0.0000 13.0920 2017-02-13 21:45:00 0.6185 32.4633 0.0201 0.0096 0.0000 13.0920 2017-02-13 22:00:00 0.3349 32.4633 0.0109 0.0096 0.0000 13.0920 2017-02-13 22:15:00 0.5311 32.4633 0.0172 0.0096 0.0000 13.0920 2017-02-13 22:30:00 0.2008 32.4633 0.0065 0.0276 0.0000 13.0920 2017-02-13 22:30:00 0.2493 32.4633 0.0081 0.0116 0.0000 13.0920 2017-02-13 23:00:00 0.9070 32.4633 0.0294 0.0267 0.0000 13.0920 2017-02-13 23:15:00 0.6410 32.4633 0.0294 0.0267 0.0000 13.0920 2017-02-13 23:30:00 0.6410 32.4633 0.0131 0.0674 0.0000 13.0920 201		ı							0.0107
2017-02-13 21:30:00 0.6368 32.4633 0.0207 0.0096 0.0000 13.0920 2017-02-13 21:45:00 0.6185 32.4633 0.0201 0.0096 0.0000 13.0920 2017-02-13 22:00:00 0.3349 32.4633 0.0109 0.0096 0.0000 13.0920 2017-02-13 22:15:00 0.5311 32.4633 0.0172 0.0096 0.0000 13.0920 2017-02-13 22:30:00 0.2008 32.4633 0.0065 0.0276 0.0000 13.0920 2017-02-13 22:45:00 0.2493 32.4633 0.0081 0.0116 0.0000 13.0920 2017-02-13 23:00:00 0.9070 32.4633 0.0294 0.0267 0.0000 13.0920 2017-02-13 23:15:00 0.6410 32.4633 0.0208 0.0337 0.0000 13.0920 2017-02-13 23:30:00 0.4039 32.4633 0.0131 0.0674 0.0000 13.0920 2017-02-13 23:45:00 0.5233 32.4633 0.0170 0.0387 0.0000 13.0920 201		ı							0.0041
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2017-02-13 22:00:00 0.3349 32.4633 0.0109 0.0096 0.0000 13.0920 2017-02-13 22:15:00 0.5311 32.4633 0.0172 0.0096 0.0000 13.0920 2017-02-13 22:30:00 0.2008 32.4633 0.0065 0.0276 0.0000 13.0920 2017-02-13 22:45:00 0.2493 32.4633 0.0081 0.0116 0.0000 13.0920 2017-02-13 23:00:00 0.9070 32.4633 0.0294 0.0267 0.0000 13.0920 2017-02-13 23:15:00 0.6410 32.4633 0.0208 0.0337 0.0000 13.0920 2017-02-13 23:30:00 0.4039 32.4633 0.0131 0.0674 0.0000 13.0920 2017-02-13 23:45:00 0.5233 32.4633 0.0170 0.0387 0.0000 13.0920 2017-02-14 00:00:00 0.8605 32.4633 0.0279 0.0412 0.0000 13.0920 2017-02-14 00:15:00 0.5598 32.4633 0.0182 0.0413 0.0000 13.0920 201		ı							0.0157
2017-02-13 22:15:00 0.5311 32.4633 0.0172 0.0096 0.0000 13.0920 2017-02-13 22:30:00 0.2008 32.4633 0.0065 0.0276 0.0000 13.0920 2017-02-13 22:45:00 0.2493 32.4633 0.0081 0.0116 0.0000 13.0920 2017-02-13 23:00:00 0.9070 32.4633 0.0294 0.0267 0.0000 13.0920 2017-02-13 23:15:00 0.6410 32.4633 0.0208 0.0337 0.0000 13.0920 2017-02-13 23:30:00 0.4039 32.4633 0.0131 0.0674 0.0000 13.0920 2017-02-13 23:45:00 0.5233 32.4633 0.0170 0.0387 0.0000 13.0920 2017-02-14 00:00:00 0.8605 32.4633 0.0279 0.0412 0.0000 13.0920 2017-02-14 00:15:00 0.5598 32.4633 0.0182 0.0413 0.0000 13.0920 2017-02-14 00:30:00 0.5097 32.4633 0.0165 0.0342 0.0000 13.0920 201		ı							0.0085
2017-02-13 22:30:00 0.2008 32.4633 0.0065 0.0276 0.0000 13.0920 2017-02-13 22:45:00 0.2493 32.4633 0.0081 0.0116 0.0000 13.0920 2017-02-13 23:00:00 0.9070 32.4633 0.0294 0.0267 0.0000 13.0920 2017-02-13 23:15:00 0.6410 32.4633 0.0208 0.0337 0.0000 13.0920 2017-02-13 23:30:00 0.4039 32.4633 0.0131 0.0674 0.0000 13.0920 2017-02-13 23:45:00 0.5233 32.4633 0.0170 0.0387 0.0000 13.0920 2017-02-14 00:00:00 0.8605 32.4633 0.0279 0.0412 0.0000 13.0920 2017-02-14 00:15:00 0.5598 32.4633 0.0182 0.0413 0.0000 13.0920 2017-02-14 00:30:00 0.5097 32.4633 0.0165 0.0342 0.0000 13.0920 2017-02-14 00:45:00 0.6105 32.4633 0.0198 0.0605 0.0000 13.0920		ı							0.0135
2017-02-13 22:45:00 0.2493 32.4633 0.0081 0.0116 0.0000 13.0920 2017-02-13 23:00:00 0.9070 32.4633 0.0294 0.0267 0.0000 13.0920 2017-02-13 23:15:00 0.6410 32.4633 0.0208 0.0337 0.0000 13.0920 2017-02-13 23:30:00 0.4039 32.4633 0.0131 0.0674 0.0000 13.0920 2017-02-13 23:45:00 0.5233 32.4633 0.0170 0.0387 0.0000 13.0920 2017-02-14 00:00:00 0.8605 32.4633 0.0279 0.0412 0.0000 13.0920 2017-02-14 00:15:00 0.5598 32.4633 0.0182 0.0413 0.0000 13.0920 2017-02-14 00:30:00 0.5097 32.4633 0.0165 0.0342 0.0000 13.0920 2017-02-14 00:45:00 0.6105 32.4633 0.0198 0.0605 0.0000 13.0920									0.0051
2017-02-13 23:00:00 0.9070 32.4633 0.0294 0.0267 0.0000 13.0920 2017-02-13 23:15:00 0.6410 32.4633 0.0208 0.0337 0.0000 13.0920 2017-02-13 23:30:00 0.4039 32.4633 0.0131 0.0674 0.0000 13.0920 2017-02-13 23:45:00 0.5233 32.4633 0.0170 0.0387 0.0000 13.0920 2017-02-14 00:00:00 0.8605 32.4633 0.0279 0.0412 0.0000 13.0920 2017-02-14 00:15:00 0.5598 32.4633 0.0182 0.0413 0.0000 13.0920 2017-02-14 00:30:00 0.5097 32.4633 0.0165 0.0342 0.0000 13.0920 2017-02-14 00:45:00 0.6105 32.4633 0.0198 0.0605 0.0000 13.0920		ı							0.0063
2017-02-13 23:15:00 0.6410 32.4633 0.0208 0.0337 0.0000 13.0920 2017-02-13 23:30:00 0.4039 32.4633 0.0131 0.0674 0.0000 13.0920 2017-02-13 23:45:00 0.5233 32.4633 0.0170 0.0387 0.0000 13.0920 2017-02-14 00:00:00 0.8605 32.4633 0.0279 0.0412 0.0000 13.0920 2017-02-14 00:15:00 0.5598 32.4633 0.0182 0.0413 0.0000 13.0920 2017-02-14 00:30:00 0.5097 32.4633 0.0165 0.0342 0.0000 13.0920 2017-02-14 00:45:00 0.6105 32.4633 0.0198 0.0605 0.0000 13.0920		ı							0.0230
2017-02-13 23:30:00 0.4039 32.4633 0.0131 0.0674 0.0000 13.0920 2017-02-13 23:45:00 0.5233 32.4633 0.0170 0.0387 0.0000 13.0920 2017-02-14 00:00:00 0.8605 32.4633 0.0279 0.0412 0.0000 13.0920 2017-02-14 00:15:00 0.5598 32.4633 0.0182 0.0413 0.0000 13.0920 2017-02-14 00:30:00 0.5097 32.4633 0.0165 0.0342 0.0000 13.0920 2017-02-14 00:45:00 0.6105 32.4633 0.0198 0.0605 0.0000 13.0920									0.0163
2017-02-13 23:45:00 0.5233 32.4633 0.0170 0.0387 0.0000 13.0920 2017-02-14 00:00:00 0.8605 32.4633 0.0279 0.0412 0.0000 13.0920 2017-02-14 00:15:00 0.5598 32.4633 0.0182 0.0413 0.0000 13.0920 2017-02-14 00:30:00 0.5097 32.4633 0.0165 0.0342 0.0000 13.0920 2017-02-14 00:45:00 0.6105 32.4633 0.0198 0.0605 0.0000 13.0920		ı							0.0103
2017-02-14 00:00:00 0.8605 32.4633 0.0279 0.0412 0.0000 13.0920 2017-02-14 00:15:00 0.5598 32.4633 0.0182 0.0413 0.0000 13.0920 2017-02-14 00:30:00 0.5097 32.4633 0.0165 0.0342 0.0000 13.0920 2017-02-14 00:45:00 0.6105 32.4633 0.0198 0.0605 0.0000 13.0920		ı							0.0133
2017-02-14 00:15:00 0.5598 32.4633 0.0182 0.0413 0.0000 13.0920 2017-02-14 00:30:00 0.5097 32.4633 0.0165 0.0342 0.0000 13.0920 2017-02-14 00:45:00 0.6105 32.4633 0.0198 0.0605 0.0000 13.0920									0.0219
2017-02-14 00:30:00 0.5097 32.4633 0.0165 0.0342 0.0000 13.0920 2017-02-14 00:45:00 0.6105 32.4633 0.0198 0.0605 0.0000 13.0920		ı							0.0142
2017-02-14 00:45:00		ı							0.0129
		ı							0.0155
		ı		32.4633	0.0198	0.0556	0.0000	13.0920	0.0155
2017-02-14 01:05:00		l							0.0133
2017-02-14 01:30:00 0.7318 32.4633 0.0238 0.0573 0.0000 13.0920		ı							0.0171
2017-02-14 01:45:00 1.2303 32.4633 0.0399 0.0887 0.0001 13.0920		ı							0.0312
2017-02-14 02:00:00 0.9613 32.4633 0.0312 0.0951 0.0001 13.0920									0.0244

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-14 02:15:00	0.5510	32.4633	0.0179	0.1061	0.0001	13.0920	0.0140
2017-02-14 02:30:00	0.5895	32.4633	0.0191	0.0477	0.0000	13.0920	0.0150
2017-02-14 02:45:00	0.5811	32.4633	0.0189	0.0600	0.0000	13.0920	0.0148
2017-02-14 03:00:00	0.7598	32.4633	0.0247	0.1039	0.0001	13.0920	0.0193
2017-02-14 03:15:00	0.6780	32.4633	0.0220	0.1041	0.0001	13.0920	0.0172
2017-02-14 03:30:00	0.6260	32.4633	0.0203	0.1006	0.0001	13.0920	0.0159
2017-02-14 03:45:00	0.9118	32.4633	0.0296	0.1174	0.0001	13.0920	0.0232
2017-02-14 04:00:00	0.7199	32.4633	0.0234	0.1174	0.0001	13.0920	0.0183
2017-02-14 04:15:00	0.3292	32.4633	0.0107	0.1174	0.0000	13.0920	0.0084
2017-02-14 04:30:00	1.0756	32.4633	0.0349	0.1174	0.0001	13.0920	0.0273
2017-02-14 04:45:00	1.4241	32.4633	0.0462	0.1174	0.0002	13.0920	0.0362
2017-02-14 05:00:00	0.5903	32.4633	0.0192	0.1174	0.0001	13.0920	0.0150
2017-02-14 05:15:00	1.6492	32.4633	0.0535	0.1174	0.0002	13.0920	0.0419
2017-02-14 05:30:00	0.5897	32.4633	0.0191	0.1174	0.0001	13.0920	0.0150
2017-02-14 05:45:00	0.4075	32.4633	0.0132	0.1174	0.0000	13.0920	0.0103
2017-02-14 06:00:00	0.8465	32.4633	0.0275	0.1174	0.0001	13.0920	0.0215
2017-02-14 06:15:00	0.2418	32.4633	0.0079	0.1174	0.0000	13.0920	0.0061
2017-02-14 06:30:00	0.1364	32.4633	0.0044	0.1174	0.0000	13.0920	0.0035
2017-02-14 06:45:00	0.4815	32.4633	0.0156	0.1174	0.0001	13.0920	0.0122
2017-02-14 07:00:00	0.5554	32.4633	0.0180	0.1174	0.0001	13.0920	0.0141
2017-02-14 07:15:00	1.2193	32.4633	0.0396	0.1174	0.0001	13.0920	0.0310
2017-02-14 07:30:00	0.9365	32.4633	0.0304	0.1174	0.0001	13.0920	0.0238
2017-02-14 07:45:00	1.1922	32.4633	0.0387	0.1174	0.0001	13.0920	0.0303
2017-02-14 08:00:00	0.2361	32.4633	0.0077	0.1174	0.0000	13.0920	0.0060
2017-02-14 08:15:00	0.0923	32.4633	0.0030	0.1174	0.0000	13.0920	0.0023
2017-02-14 08:30:00	0.0372	32.4633	0.0012	0.1174	0.0000	13.0920	0.0009
2017-02-14 08:45:00 2017-02-14 09:00:00	0.0915	32.4633 32.4633	0.0030	0.1174	0.0000	13.0920	0.0023 0.0010
2017-02-14 09:00:00	0.0379	32.4633	0.0012 0.0078	0.1174 0.1174	0.0000 0.0000	13.0920	0.0010
2017-02-14 09:15:00	0.2406 0.0763	32.4633	0.0078	0.1174	0.0000	13.0920 13.0920	0.0061
2017-02-14 09:45:00	0.0763	32.4633	0.0023	0.1174	0.0000	13.0920	0.0019
2017-02-14 10:00:00	0.4704	32.4633	0.0153	0.1174	0.0001	13.0920	0.0024
2017-02-14 10:05:00	0.2541	32.4633	0.0082	0.1174	0.0001	13.0920	0.0065
2017-02-14 10:13:00	0.7268	32.4633	0.0236	0.1174	0.0001	13.0920	0.0185
2017-02-14 10:45:00	1.1320	32.4633	0.0367	0.1174	0.0001	13.0920	0.0183
2017-02-14 11:00:00	1.0014	32.4633	0.0325	0.1174	0.0001	13.0920	0.0254
2017-02-14 11:15:00	1.6594	32.4633	0.0539	0.1174	0.0002	13.0920	0.0421
2017-02-14 11:30:00	1.9701	32.4633	0.0640	0.1174	0.0002	13.0920	0.0500
2017-02-14 11:45:00	2.6818	32.4633	0.0871	0.1174	0.0003	13.0920	0.0681
2017-02-14 12:00:00	3.4362	32.4633	0.1116	0.1174	0.0004	13.0920	0.0873
2017-02-14 12:15:00	3.8569	32.4633	0.1252	0.1174	0.0005	13.0920	0.0980
2017-02-14 12:30:00	3.7116	32.4633	0.1205	0.1174	0.0004	13.0920	0.0943
2017-02-14 12:45:00	4.1160	32.4633	0.1336	0.1174	0.0005	13.0920	0.1045
2017-02-14 13:00:00	4.1068	32.4633	0.1333	0.1174	0.0005	13.0920	0.1043
2017-02-14 13:15:00	2.9812	32.4633	0.0968	0.1174	0.0004	13.0920	0.0757
2017-02-14 13:30:00	1.2887	32.4633	0.0418	0.1174	0.0002	13.0920	0.0327
2017-02-14 13:45:00	0.6791	32.4633	0.0220	0.1174	0.0001	13.0920	0.0172
2017-02-14 14:00:00	1.2135	32.4633	0.0394	0.1174	0.0001	13.0920	0.0308
2017-02-14 14:15:00	1.0619	32.4633	0.0345	0.1174	0.0001	13.0920	0.0270
2017-02-14 14:30:00	0.7745	32.4633	0.0251	0.1174	0.0001	13.0920	0.0197
2017-02-14 14:45:00	0.4820	32.4633	0.0156	0.1174	0.0001	13.0920	0.0122
2017-02-14 15:00:00	0.8112	32.4633	0.0263	0.1174	0.0001	13.0920	0.0206
2017-02-14 15:15:00	0.6691	32.4633	0.0217	0.1174	0.0001	13.0920	0.0170
2017-02-14 15:30:00	0.2294	32.4633	0.0074	0.1174	0.0000	13.0920	0.0058
2017-02-14 15:45:00	1.2085	32.4633	0.0392	0.1174	0.0001	13.0920	0.0307
2017-02-14 16:00:00	0.3429	32.4633	0.0111	0.1174	0.0000	13.0920	0.0087
2017-02-14 16:15:00	0.4674	32.4633	0.0152	0.1174	0.0001	13.0920	0.0119
2017-02-14 16:30:00	0.7151	32.4633	0.0232	0.1174	0.0001	13.0920	0.0182
2017-02-14 16:45:00	0.6456	32.4633	0.0210	0.1174	0.0001	13.0920	0.0164
2017-02-14 17:00:00	0.4617	32.4633	0.0150	0.1174	0.0001	13.0920	0.0117
2017-02-14 17:15:00	0.4193	32.4633	0.0136	0.1174	0.0000	13.0920	0.0106
2017-02-14 17:30:00	0.0694	32.4633	0.0023	0.1174	0.0000	13.0920	0.0018
2017-02-14 17:45:00	0.1863	32.4633	0.0060	0.1174	0.0000	13.0920	0.0047
2017-02-14 18:00:00	0.1436	32.4633	0.0047	0.1174	0.0000	13.0920	0.0036
2017-02-14 18:15:00	0.1721	32.4633	0.0056	0.0294	0.0000	13.0920	0.0044
2017-02-14 18:30:00	0.5690	32.4633	0.0185	0.0000	0.0000	13.0920	0.0145
2017-02-14 18:45:00	0.7770	32.4633	0.0252	0.0000	0.0000	13.0920	0.0197
2017-02-14 19:00:00	1.5038	32.4633	0.0488	0.0132	0.0000	13.0920	0.0382
2017-02-14 19:15:00	3.1445	32.4633	0.1021	0.1133	0.0004	13.0920	0.0799
2017-02-14 19:30:00	1.5421	32.4633	0.0501	0.1133	0.0002	13.0920	0.0392
2017-02-14 19:45:00	0.4860	32.4633	0.0158	0.1133	0.0001	13.0920	0.0123
2017-02-14 20:00:00	0.4951	32.4633	0.0161	0.1133	0.0001	13.0920	0.0126
2017-02-14 20:15:00	1.3817	32.4633	0.0449	0.1133	0.0002	13.0920	0.0351
2017-02-14 20:30:00	0.5555	32.4633	0.0180	0.1133	0.0001	13.0920	0.0141
2017-02-14 20:45:00	2.7396	32.4633	0.0889	0.1133	0.0003	13.0920	0.0696

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-14 21:00:00	2.6709	32.4633	0.0867	0.1133	0.0003	13.0920	0.0678
2017-02-14 21:15:00	3.2329	32.4633	0.1050	0.1133	0.0004	13.0920	0.0821
2017-02-14 21:30:00	3.2636	32.4633	0.1059	0.1133	0.0004	13.0920	0.0829
2017-02-14 21:45:00	3.4891	32.4633	0.1133	0.1133	0.0004	13.0920	0.0886
2017-02-14 22:00:00	3.8979	32.4633	0.1265	0.1133	0.0004	13.0920	0.0990
2017-02-14 22:15:00	3.4817	32.4633	0.1130	0.1133	0.0004	13.0920	0.0884
2017-02-14 22:30:00	3.2656	32.4633	0.1060	0.1133	0.0004	13.0920	0.0829
2017-02-14 22:45:00	3.6709	32.4633	0.1192	0.1133	0.0004	13.0920	0.0932
2017-02-14 23:00:00	3.3549	32.4633	0.1089	0.1133	0.0004	13.0920	0.0852
2017-02-14 23:15:00	3.2970	32.4633	0.1070	0.1133	0.0004	13.0920	0.0837
2017-02-14 23:30:00	2.6109	32.4633	0.0848	0.1133	0.0003	13.0920	0.0663
2017-02-14 23:45:00	3.1311	32.4633	0.1016	0.1133	0.0004	13.0920	0.0795
2017-02-15 00:00:00	3.5673	32.4633	0.1158	0.1133	0.0004	13.0920	0.0906
2017-02-15 00:15:00	3.6040	32.4633	0.1170	0.1133	0.0004	13.0920	0.0915
2017-02-15 00:30:00	2.6202	32.4633	0.0851	0.1133	0.0003	13.0920	0.0665
2017-02-15 00:45:00	3.8364	32.4633	0.1245	0.1133	0.0004	13.0920	0.0974
2017-02-15 01:00:00	4.0191	32.4633	0.1305	0.1133	0.0005	13.0920	0.1021
2017-02-15 01:15:00	4.0293	32.4633	0.1308	0.1133	0.0005	13.0920	0.1023
2017-02-15 01:30:00	2.3078	32.4633	0.0749	0.1133	0.0003	13.0920	0.0586
2017-02-15 01:45:00	2.8176	32.4633	0.0915	0.1133	0.0003	13.0920	0.0716
2017-02-15 02:00:00	4.2585	32.4633	0.1382	0.1133	0.0005	13.0920	0.1082
2017-02-15 02:15:00	4.3423	32.4633	0.1410	0.1133	0.0005	13.0920	0.1103
2017-02-15 02:30:00	4.1059	32.4633	0.1333	0.1133	0.0005	13.0920	0.1043
2017-02-15 02:45:00	4.6438	32.4633	0.1508	0.1133	0.0005	13.0920	0.1179
2017-02-15 03:00:00	4.8143	32.4633	0.1563	0.1133	0.0005	13.0920	0.1223
2017-02-15 03:15:00	4.8657	32.4633	0.1580	0.1133	0.0006	13.0920	0.1236
2017-02-15 03:30:00	4.6028	32.4633 32.4633	0.1494	0.1133	0.0005	13.0920	0.1169
2017-02-15 03:45:00 2017-02-15 04:00:00	4.6028	32.4633	0.1494 0.1641	0.1133 0.1133	0.0005	13.0920	0.1169
2017-02-15 04:00:00	5.0539 5.0845	32.4633	0.1641	0.1133	0.0006 0.0006	13.0920 13.0920	0.1284 0.1291
2017-02-15 04:30:00	5.0845	32.4633	0.1651	0.1133	0.0006	13.0920	0.1291
2017-02-13 04:35:00	5.0845	32.4633	0.1651	0.1133	0.0006	13.0920	0.1291
2017-02-13 04:43:00	5.0845	32.4633	0.1651	0.1133	0.0006	13.0920	0.1291
2017-02-15 05:15:00	5.0845	32.4633	0.1651	0.1133	0.0006	13.0920	0.1291
2017-02-15 05:30:00	5.0845	32.4633	0.1651	0.1133	0.0006	13.0920	0.1291
2017-02-15 05:45:00	5.0845	32.4633	0.1651	0.1133	0.0006	13.0920	0.1291
2017-02-15 06:00:00	5.0845	32.4633	0.1651	0.1133	0.0006	13.0920	0.1291
2017-02-15 06:15:00	5.0845	32.4633	0.1651	0.1133	0.0006	13.0920	0.1291
2017-02-15 06:30:00	5.0845	32.4633	0.1651	0.1133	0.0006	13.0920	0.1291
2017-02-15 06:45:00	5.0845	32.4633	0.1651	0.1133	0.0006	13.0920	0.1291
2017-02-15 07:00:00	5.0608	32.4633	0.1643	0.1133	0.0006	13.0920	0.1285
2017-02-15 07:15:00	4.9036	32.4633	0.1592	0.1133	0.0006	13.0920	0.1245
2017-02-15 07:30:00	4.8914	32.4633	0.1588	0.1133	0.0006	13.0920	0.1242
2017-02-15 07:45:00	4.5338	32.4633	0.1472	0.1133	0.0005	13.0920	0.1152
2017-02-15 08:00:00	4.2362	32.4633	0.1375	0.1133	0.0005	13.0920	0.1076
2017-02-15 08:15:00	4.0267	32.4633	0.1307	0.1133	0.0005	13.0920	0.1023
2017-02-15 08:30:00	3.8138	32.4633	0.1238	0.1133	0.0004	13.0920	0.0969
2017-02-15 08:45:00	3.8769	32.4633	0.1259	0.1655	0.0006	13.0920	0.0985
2017-02-15 09:00:00	3.5494	32.4633	0.1152	0.2259	0.0008	13.0920	0.0902
2017-02-15 09:15:00	3.8930	32.4633	0.1264	0.2259	0.0009	13.0920	0.0989
2017-02-15 09:30:00	3.7111	32.4633	0.1205	0.2259	0.0008	13.0920	0.0943
2017-02-15 09:45:00	1.3769	32.4633	0.0447	0.2259	0.0003	13.0920	0.0350
2017-02-15 10:00:00	1.7279	32.4633	0.0561	0.2259	0.0004	13.0920	0.0439
2017-02-15 10:15:00	1.2878	32.4633	0.0418	0.2259	0.0003	13.0920	0.0327
2017-02-15 10:30:00	2.0503	32.4633	0.0666	0.2259	0.0005	13.0920	0.0521
2017-02-15 10:45:00	3.1501	32.4633	0.1023	0.2259	0.0007	13.0920	0.0800
2017-02-15 11:00:00	3.0586	32.4633	0.0993	0.2259	0.0007	13.0920	0.0777
2017-02-15 11:15:00	1.6806	32.4633	0.0546	0.2259	0.0004	13.0920	0.0427
2017-02-15 11:30:00	1.1381	32.4633	0.0369	0.2259	0.0003	13.0920	0.0289
2017-02-15 11:45:00	1.6648	32.4633	0.0540	0.2259	0.0004	13.0920	0.0423
2017-02-15 12:00:00	1.3684	32.4633	0.0444	0.2259	0.0003	13.0920	0.0348
2017-02-15 12:15:00	1.7408	32.4633	0.0565	0.2259	0.0004	13.0920	0.0442
2017-02-15 12:30:00	1.4663	32.4633	0.0476	0.2259	0.0003	13.0920	0.0372
2017-02-15 12:45:00	2.7541	32.4633	0.0894	0.2259	0.0006	13.0920	0.0700
2017-02-15 13:00:00	3.3754	32.4633	0.1096	0.2259	0.0008	13.0920	0.0857
2017-02-15 13:15:00	3.2566	32.4633	0.1057	0.2259	0.0007	13.0920	0.0827
2017-02-15 13:30:00	2.9802	32.4633	0.0967	0.2259	0.0007	13.0920	0.0757
2017-02-15 13:45:00	1.5291	32.4633	0.0496	0.2259	0.0003	13.0920	0.0388
2017-02-15 14:00:00	0.6247	32.4633	0.0203	0.2259	0.0001	13.0920	0.0159
2017-02-15 14:15:00	1.3734	32.4633	0.0446	0.2259	0.0003	13.0920	0.0349
2017-02-15 14:30:00	1.8292	32.4633	0.0594	0.2259	0.0004	13.0920	0.0465
2017-02-15 14:45:00	2.4199	32.4633	0.0786	0.2259	0.0005	13.0920	0.0615
2017-02-15 15:00:00	2.5201	32.4633	0.0818	0.2162	0.0005	13.0920	0.0640
2017-02-15 15:15:00	4.1132	32.4633	0.1335	0.1112	0.0005	13.0920	0.1045
2017-02-15 15:30:00		32.4633	0.0602	0.1112	0.0002	13.0920	0.0471

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-15 15:45:00	2.8888	32.4633	0.0938	0.1241	0.0004	13.0920	0.0734
2017-02-15 16:00:00	3.1241	32.4633	0.1014	0.2259	0.0007	13.0920	0.0793
2017-02-15 16:15:00	3.9810	32.4633	0.1292	0.2259	0.0009	13.0920	0.1011
2017-02-15 16:30:00	4.1992	32.4633	0.1363	0.2259	0.0009	13.0920	0.1067
2017-02-15 16:45:00	3.5105	32.4633	0.1140	0.2259	0.0008	13.0920	0.0892
2017-02-15 17:00:00	1.9574	32.4633	0.0635	0.2259	0.0004	13.0920	0.0497
2017-02-15 17:15:00	0.8397	32.4633	0.0273	0.2259	0.0002	13.0920	0.0213
2017-02-15 17:30:00	0.6311	32.4633	0.0205	0.2259	0.0001	13.0920	0.0160
2017-02-15 17:45:00	0.9981	32.4633	0.0324	0.1641	0.0002	13.0920	0.0253
2017-02-15 18:00:00	1.2487	32.4633	0.0405	0.1126	0.0001	13.0920	0.0317
2017-02-15 18:15:00	0.9842	32.4633	0.0320	0.1126	0.0001	13.0920	0.0250
2017-02-15 18:30:00	1.0100	32.4633	0.0328	0.1126	0.0001	13.0920	0.0257
2017-02-15 18:45:00	0.9556	32.4633	0.0310	0.1126	0.0001	13.0920	0.0243
2017-02-15 19:00:00	1.6111	32.4633	0.0523	0.1126	0.0002	13.0920	0.0409
2017-02-15 19:15:00	1.9194	32.4633	0.0623	0.1126	0.0002	13.0920	0.0488
2017-02-15 19:30:00	2.1515	32.4633	0.0698	0.1126	0.0002	13.0920	0.0546
2017-02-15 19:45:00	0.6826	32.4633	0.0222	0.1126	0.0001	13.0920	0.0173
2017-02-15 20:00:00	1.5243	32.4633	0.0495	0.1126	0.0002	13.0920	0.0387
2017-02-15 20:15:00	1.7057	32.4633	0.0554	0.1126	0.0002	13.0920	0.0433
2017-02-15 20:30:00 2017-02-15 20:45:00	2.2330 2.3291	32.4633 32.4633	0.0725 0.0756	0.1126 0.1126	0.0003 0.0003	13.0920 13.0920	0.0567 0.0592
2017-02-15 20:45:00	3.2094	32.4633	0.0756	0.1126	0.0003	13.0920	0.0592
2017-02-15 21:15:00	2.9187	32.4633	0.1042	0.1126	0.0004	13.0920	0.0815
2017-02-15 21:15:00	3.8918	32.4633	0.0948	0.1126	0.0003	13.0920	0.0741
2017-02-15 21:30:00	3.9477	32.4633	0.1263	0.1126	0.0004	13.0920	0.1003
2017-02-15 22:00:00	4.2378	32.4633	0.1376	0.1126	0.0005	13.0920	0.1076
2017-02-15 22:15:00	3.7936	32.4633	0.1232	0.1126	0.0004	13.0920	0.0964
2017-02-15 22:30:00	3.0876	32.4633	0.1002	0.1126	0.0003	13.0920	0.0784
2017-02-15 22:45:00	3.4334	32.4633	0.1115	0.1126	0.0004	13.0920	0.0872
2017-02-15 23:00:00	3.3145	32.4633	0.1076	0.1126	0.0004	13.0920	0.0842
2017-02-15 23:15:00	3.3439	32.4633	0.1086	0.1126	0.0004	13.0920	0.0849
2017-02-15 23:30:00	4.1590	32.4633	0.1350	0.1126	0.0005	13.0920	0.1056
2017-02-15 23:45:00	3.7022	32.4633	0.1202	0.1126	0.0004	13.0920	0.0940
2017-02-16 00:00:00	3.8980	32.4633	0.1265	0.1126	0.0004	13.0920	0.0990
2017-02-16 00:15:00	4.2303	32.4633	0.1373	0.1126	0.0005	13.0920	0.1074
2017-02-16 00:30:00	3.5774	32.4633	0.1161	0.1126	0.0004	13.0920	0.0909
2017-02-16 00:45:00	3.1477	32.4633	0.1022	0.1126	0.0004	13.0920	0.0799
2017-02-16 01:00:00	3.6189	32.4633	0.1175	0.1126	0.0004	13.0920	0.0919
2017-02-16 01:15:00	3.7504	32.4633	0.1217	0.1126	0.0004	13.0920	0.0953
2017-02-16 01:30:00	2.8641	32.4633	0.0930	0.1126	0.0003	13.0920	0.0727
2017-02-16 01:45:00	2.7063	32.4633	0.0879	0.1126	0.0003	13.0920	0.0687
2017-02-16 02:00:00	1.6828	32.4633	0.0546	0.1126	0.0002	13.0920	0.0427
2017-02-16 02:15:00	2.2686	32.4633	0.0736	0.1126	0.0003	13.0920	0.0576
2017-02-16 02:30:00	1.6369	32.4633	0.0531	0.1126	0.0002	13.0920	0.0416
2017-02-16 02:45:00	3.5219	32.4633	0.1143	0.1126	0.0004	13.0920	0.0895
2017-02-16 03:00:00	2.4529	32.4633	0.0796	0.1126	0.0003	13.0920	0.0623
2017-02-16 03:15:00	2.8709	32.4633	0.0932	0.1126	0.0003	13.0920	0.0729
2017-02-16 03:30:00	4.1536	32.4633	0.1348	0.1126	0.0005	13.0920	0.1055
2017-02-16 03:45:00	4.4044	32.4633	0.1430	0.1126	0.0005	13.0920	0.1119
2017-02-16 04:00:00	4.0999	32.4633	0.1331	0.1126	0.0005	13.0920	0.1041
2017-02-16 04:15:00	4.3172	32.4633	0.1401	0.1126	0.0005	13.0920	0.1097
2017-02-16 04:30:00	4.3068	32.4633	0.1398	0.1126	0.0005	13.0920	0.1094
2017-02-16 04:45:00	4.7143	32.4633	0.1530	0.1126	0.0005	13.0920	0.1197
2017-02-16 05:00:00	4.7240	32.4633	0.1534	0.1126	0.0005	13.0920	0.1200
2017-02-16 05:15:00	4.9452	32.4633	0.1605	0.1126	0.0006	13.0920	0.1256
2017-02-16 05:30:00	4.7303	32.4633	0.1536	0.1126	0.0005	13.0920	0.1201
2017-02-16 05:45:00	4.6501	32.4633	0.1510	0.1126	0.0005	13.0920	0.1181
2017-02-16 06:00:00	4.5315	32.4633	0.1471	0.1126	0.0005	13.0920	0.1151
2017-02-16 06:15:00	4.3241	32.4633	0.1404	0.1126	0.0005	13.0920	0.1098
2017-02-16 06:30:00	4.4321	32.4633	0.1439	0.1126	0.0005	13.0920	0.1126
2017-02-16 06:45:00	3.6721	32.4633	0.1192	0.1126	0.0004	13.0920	0.0933
2017-02-16 07:00:00	3.0399	32.4633	0.0987	0.1126	0.0003	13.0920	0.0772
2017-02-16 07:15:00	3.5876	32.4633	0.1165	0.1126	0.0004	13.0920	0.0911
2017-02-16 07:30:00	3.6312	32.4633	0.1179	0.1126	0.0004	13.0920	0.0922
2017-02-16 07:45:00	2.4694	32.4633	0.0802	0.2201	0.0005	13.0920	0.0627
2017-02-16 08:00:00	2.6926	32.4633	0.0874	0.2252	0.0006	13.0920	0.0684
2017-02-16 08:15:00	3.4323	32.4633	0.1114	0.2252	0.0008	13.0920	0.0872
2017-02-16 08:30:00	3.2052	32.4633	0.1041	0.2252	0.0007	13.0920	0.0814
2017-02-16 08:45:00	1.3517	32.4633	0.0439	0.2252	0.0003	13.0920	0.0343
2017-02-16 09:00:00	0.8264	32.4633	0.0268	0.2252	0.0002	13.0920	0.0210
2017-02-16 09:15:00	0.3077	32.4633	0.0100	0.2252	0.0001	13.0920	0.0078
2017-02-16 09:30:00	0.2235	32.4633	0.0073	0.2252	0.0001	13.0920	0.0057
2017-02-16 09:45:00	0.4498	32.4633	0.0146	0.2252	0.0001	13.0920	0.0114
2017-02-16 10:00:00	0.5766	32.4633	0.0187	0.2252	0.0001 0.0002	13.0920	0.0146
2017-02-16 10:15:00	0.8954	32.4633	0.0291	0.2252		13.0920	0.0227

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-16 10:30:00	1.2072	32.4633	0.0392	0.2252	0.0003	13.0920	0.0307
2017-02-16 10:45:00	1.7334	32.4633	0.0563	0.2252	0.0004	13.0920	0.0440
2017-02-16 11:00:00	2.5145	32.4633	0.0816	0.2252	0.0006	13.0920	0.0639
2017-02-16 11:15:00	1.9677	32.4633	0.0639	0.2252 0.2252	0.0004 0.0004	13.0920	0.0500
2017-02-16 11:30:00 2017-02-16 11:45:00	1.7075 1.2608	32.4633 32.4633	0.0554 0.0409	0.2252	0.0004	13.0920 13.0920	0.0434 0.0320
2017-02-16 11:45:00	1.8655	32.4633	0.0409	0.2252	0.0003	13.0920	0.0320
2017-02-16 12:00:00	1.1601	32.4633	0.0606	0.2252	0.0004	13.0920	0.0295
2017-02-16 12:13:00	1.6790	32.4633	0.0545	0.2252	0.0003	13.0920	0.0426
2017-02-16 12:45:00	1.1505	32.4633	0.0373	0.2192	0.0003	13.0920	0.0292
2017-02-16 13:00:00	1.4239	32.4633	0.0462	0.1920	0.0003	13.0920	0.0362
2017-02-16 13:15:00	0.7519	32.4633	0.0244	0.2273	0.0002	13.0920	0.0191
2017-02-16 13:30:00	0.3167	32.4633	0.0103	0.2273	0.0001	13.0920	0.0080
2017-02-16 13:45:00	0.9126	32.4633	0.0296	0.2113	0.0002	13.0920	0.0232
2017-02-16 14:00:00	1.0880	32.4633	0.0353	0.1768	0.0002	13.0920	0.0276
2017-02-16 14:15:00	1.3155	32.4633	0.0427	0.2039	0.0003	13.0920	0.0334
2017-02-16 14:30:00	1.9556	32.4633	0.0635	0.1442	0.0003	13.0920	0.0497
2017-02-16 14:45:00	1.0454	32.4633	0.0339	0.0920	0.0001	13.0920	0.0266
2017-02-16 15:00:00	0.5724	32.4633	0.0186	0.1325	0.0001	13.0920	0.0145
2017-02-16 15:15:00	1.7608	32.4633	0.0572	0.1168	0.0002	13.0920	0.0447
2017-02-16 15:30:00	1.3504	32.4633	0.0438	0.1057	0.0001	13.0920	0.0343
2017-02-16 15:45:00	1.3894	32.4633	0.0451	0.1057	0.0001	13.0920	0.0353
2017-02-16 16:00:00	0.3579	32.4633	0.0116	0.1057	0.0000	13.0920	0.0091
2017-02-16 16:15:00	0.1800	32.4633	0.0058	0.1178	0.0000	13.0920	0.0046
2017-02-16 16:30:00	2.1871	32.4633	0.0710	0.0917	0.0002	13.0920	0.0556
2017-02-16 16:45:00	1.5171	32.4633	0.0492	0.1039	0.0002	13.0920	0.0385
2017-02-16 17:00:00	0.3135	32.4633	0.0102	0.1833	0.0001	13.0920	0.0080
2017-02-16 17:15:00	8.3928	32.4633	0.2725	0.1705	0.0014	13.0920	0.2132
2017-02-16 17:30:00	16.0420	32.4633	0.5208	0.0700	0.0011	13.0920	0.4074
2017-02-16 17:45:00	15.6835	32.4633	0.5091	0.0700	0.0011	13.0920	0.3983
2017-02-16 18:00:00	15.9944	32.4633	0.5192	0.0700	0.0011	13.0920	0.4062
2017-02-16 18:15:00	15.6877	32.4633	0.5093	0.0700	0.0011 0.0010	13.0920	0.3984
2017-02-16 18:30:00 2017-02-16 18:45:00	14.5617	32.4633 32.4633	0.4727 0.4703	0.0700 0.0700	0.0010	13.0920 13.0920	0.3698 0.3680
2017-02-16 18:45:00	14.4873 16.0762	32.4633	0.4703	0.0700	0.0010	13.0920	0.4083
2017-02-16 19:00:00	16.5279	32.4633	0.5366	0.0700	0.0011	13.0920	0.4198
2017-02-16 19:30:00	14.3914	32.4633	0.4672	0.0700	0.0012	13.0920	0.3655
2017-02-16 19:45:00	12.2579	32.4633	0.3979	0.0700	0.0010	13.0920	0.3113
2017-02-16 20:00:00	13.4457	32.4633	0.4365	0.0700	0.0009	13.0920	0.3415
2017-02-16 20:15:00	4.5899	32.4633	0.1490	0.0700	0.0003	13.0920	0.1166
2017-02-16 20:30:00	0.8498	32.4633	0.0276	0.0700	0.0001	13.0920	0.0216
2017-02-16 20:45:00	1.0561	32.4633	0.0343	0.0700	0.0001	13.0920	0.0268
2017-02-16 21:00:00	3.2853	32.4633	0.1067	0.0700	0.0002	13.0920	0.0834
2017-02-16 21:15:00	4.6661	32.4633	0.1515	0.0700	0.0003	13.0920	0.1185
2017-02-16 21:30:00	4.8147	32.4633	0.1563	0.0700	0.0003	13.0920	0.1223
2017-02-16 21:45:00	4.6532	32.4633	0.1511	0.1729	0.0008	13.0920	0.1182
2017-02-16 22:00:00	4.9438	32.4633	0.1605	0.1826	0.0009	13.0920	0.1256
2017-02-16 22:15:00	5.1130	32.4633	0.1660	0.1826	0.0009	13.0920	0.1299
2017-02-16 22:30:00	5.1731	32.4633	0.1679	0.1826	0.0009	13.0920	0.1314
2017-02-16 22:45:00	5.1092	32.4633	0.1659	0.1826	0.0009	13.0920	0.1298
2017-02-16 23:00:00	5.0072	32.4633	0.1626	0.1826	0.0009	13.0920	0.1272
2017-02-16 23:15:00	4.9969	32.4633	0.1622	0.1826	0.0009	13.0920	0.1269
2017-02-16 23:30:00	4.9969	32.4633	0.1622	0.1826	0.0009	13.0920	0.1269
2017-02-16 23:45:00	4.9969	32.4633	0.1622	0.1826	0.0009	13.0920	0.1269
2017-02-17 00:00:00	4.9969	32.4633	0.1622	0.1826	0.0009	13.0920	0.1269
2017-02-17 00:15:00	4.9969	32.4633	0.1622	0.1826	0.0009	13.0920	0.1269
2017-02-17 00:30:00	4.9969	32.4633	0.1622	0.1826	0.0009	13.0920	0.1269
2017-02-17 00:45:00	4.9969	32.4633	0.1622	0.1826	0.0009	13.0920	0.1269
2017-02-17 01:00:00	4.9969	32.4633	0.1622	0.1826	0.0009	13.0920	0.1269
2017-02-17 01:15:00	4.9969	32.4633	0.1622	0.1826	0.0009	13.0920	0.1269
2017-02-17 01:30:00 2017-02-17 01:45:00	4.9969 4.9969	32.4633 32.4633	0.1622 0.1622	0.1826 0.1826	0.0009 0.0009	13.0920 13.0920	0.1269 0.1269
2017-02-17 01:45:00	4.9969 5.0549	32.4633	0.1622	0.1826	0.0009	13.0920	0.1269
2017-02-17 02:00:00	5.4669	32.4633	0.1641	0.1826	0.0009	13.0920	0.1284
2017-02-17 02:13:00	5.1478	32.4633	0.1773	0.1826	0.0010	13.0920	0.1307
2017-02-17 02:30:00	5.2298	32.4633	0.1698	0.1826	0.0010	13.0920	0.1328
2017-02-17 02:43:00	4.9843	32.4633	0.1618	0.1826	0.0010	13.0920	0.1266
2017-02-17 03:15:00	5.1099	32.4633	0.1659	0.1826	0.0009	13.0920	0.1298
2017-02-17 03:30:00	4.9334	32.4633	0.1602	0.1826	0.0009	13.0920	0.1253
2017-02-17 03:45:00	5.0557	32.4633	0.1641	0.1826	0.0009	13.0920	0.1284
2017-02-17 04:00:00	4.7361	32.4633	0.1537	0.1826	0.0009	13.0920	0.1203
	3.2034	32.4633	0.1040	0.1826	0.0006	13.0920	0.0814
2017-02-17 04:15:00							•
2017-02-17 04:15:00 2017-02-17 04:30:00	2.6607	32.4633	0.0864	0.1826	0.0005	13.0920	0.0676
		32.4633 32.4633	0.0864 0.1359	0.1826 0.1826	0.0005 0.0008	13.0920 13.0920	0.0676 0.1063

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-17 05:15:00	3.8555	32.4633	0.1252	0.1826	0.0007	13.0920	0.0979
2017-02-17 05:30:00	4.0180	32.4633	0.1304	0.1826	0.0007	13.0920	0.1021
2017-02-17 05:45:00	4.7272	32.4633	0.1535	0.1826	0.0009	13.0920	0.1201
2017-02-17 06:00:00	4.6230	32.4633	0.1501	0.1826	0.0008	13.0920	0.1174
2017-02-17 06:15:00	4.7726	32.4633	0.1549	0.1826	0.0009	13.0920	0.1212
2017-02-17 06:30:00	4.7205	32.4633	0.1532	0.1826	0.0009	13.0920	0.1199
2017-02-17 06:45:00	4.2556	32.4633	0.1382	0.1826	0.0008	13.0920	0.1081
2017-02-17 07:00:00	2.6430	32.4633	0.0858	0.1826	0.0005	13.0920	0.0671
2017-02-17 07:15:00	3.6417	32.4633	0.1182	0.1826	0.0007	13.0920	0.0925
2017-02-17 07:30:00	2.5075	32.4633	0.0814	0.1826	0.0005	13.0920	0.0637
2017-02-17 07:45:00	0.9219	32.4633	0.0299	0.1826	0.0002	13.0920	0.0234
2017-02-17 08:00:00	1.5071	32.4633	0.0489	0.1826	0.0003	13.0920	0.0383
2017-02-17 08:15:00	2.2294	32.4633	0.0724	0.1826	0.0004	13.0920	0.0566
2017-02-17 08:30:00	2.1158	32.4633	0.0687	0.1826	0.0004	13.0920	0.0537
2017-02-17 08:45:00	0.9148	32.4633	0.0297	0.1826	0.0002	13.0920	0.0232
2017-02-17 09:00:00	0.0184	32.4633	0.0006	0.1826	0.0000	13.0920	0.0005
2017-02-17 09:15:00	0.0000	32.4633	0.0000	0.1826	0.0000	13.0920	0.0000
2017-02-17 09:30:00	0.0000	32.4633	0.0000	0.1826	0.0000	13.0920	0.0000
2017-02-17 09:45:00 2017-02-17 10:00:00	0.0000	32.4633 32.4633	0.0000	0.1826	0.0000	13.0920	0.0000
	0.0179		0.0006	0.1826 0.1826	0.0000	13.0920	0.0005 0.0000
2017-02-17 10:15:00 2017-02-17 10:30:00	0.0000 0.0386	32.4633 32.4633	0.0000 0.0013	0.1826	0.0000 0.0000	13.0920 13.0920	0.0000
2017-02-17 10:30:00	0.2167	32.4633	0.0013	0.1826	0.0000	13.0920	0.0010
2017-02-17 10:45:00	0.7132	32.4633	0.0232	0.1826	0.0001	13.0920	0.0055
2017-02-17 11:00:00	0.1062	32.4633	0.0034	0.1826	0.0001	13.0920	0.0181
2017-02-17 11:30:00	0.2921	32.4633	0.0095	0.1826	0.0001	13.0920	0.0027
2017-02-17 11:45:00	1.3113	32.4633	0.0426	0.1826	0.0002	13.0920	0.0333
2017-02-17 12:00:00	0.8124	32.4633	0.0264	0.1826	0.0001	13.0920	0.0206
2017-02-17 12:15:00	0.6060	32.4633	0.0197	0.1826	0.0001	13.0920	0.0154
2017-02-17 12:30:00	1.4249	32.4633	0.0463	0.1826	0.0003	13.0920	0.0362
2017-02-17 12:45:00	1.5730	32.4633	0.0511	0.1826	0.0003	13.0920	0.0400
2017-02-17 13:00:00	1.6114	32.4633	0.0523	0.1826	0.0003	13.0920	0.0409
2017-02-17 13:15:00	1.3928	32.4633	0.0452	0.1826	0.0003	13.0920	0.0354
2017-02-17 13:30:00	2.0170	32.4633	0.0655	0.1826	0.0004	13.0920	0.0512
2017-02-17 13:45:00	0.5874	32.4633	0.0191	0.1826	0.0001	13.0920	0.0149
2017-02-17 14:00:00	0.9003	32.4633	0.0292	0.1826	0.0002	13.0920	0.0229
2017-02-17 14:15:00	0.6025	32.4633	0.0196	0.1826	0.0001	13.0920	0.0153
2017-02-17 14:30:00	0.8709	32.4633	0.0283	0.1826	0.0002	13.0920	0.0221
2017-02-17 14:45:00	1.3615	32.4633	0.0442	0.1826	0.0002	13.0920	0.0346
2017-02-17 15:00:00	0.4218	32.4633	0.0137	0.1826	0.0001	13.0920	0.0107
2017-02-17 15:15:00	0.7823	32.4633	0.0254	0.1826	0.0001	13.0920	0.0199
2017-02-17 15:30:00	0.0520	32.4633	0.0017	0.1826	0.0000	13.0920	0.0013
2017-02-17 15:45:00	0.1596	32.4633	0.0052	0.1826	0.0000	13.0920	0.0041
2017-02-17 16:00:00	0.2311	32.4633	0.0075	0.1826	0.0000	13.0920	0.0059
2017-02-17 16:15:00	0.4913	32.4633	0.0159	0.1826	0.0001	13.0920	0.0125
2017-02-17 16:30:00	0.4925	32.4633	0.0160	0.1826	0.0001	13.0920	0.0125
2017-02-17 16:45:00	0.7025	32.4633	0.0228	0.1826	0.0001	13.0920	0.0178
2017-02-17 17:00:00	0.4206	32.4633	0.0137	0.1826	0.0001	13.0920	0.0107
2017-02-17 17:15:00	0.1095	32.4633	0.0036	0.1826	0.0000	13.0920	0.0028
2017-02-17 17:30:00	0.5180	32.4633	0.0168	0.1826	0.0001	13.0920	0.0132
2017-02-17 17:45:00	0.2504	32.4633	0.0081	0.1826	0.0000	13.0920	0.0064
2017-02-17 18:00:00	0.4437	32.4633	0.0144	0.1826	0.0001	13.0920	0.0113
2017-02-17 18:15:00	0.1240	32.4633	0.0040	0.1826	0.0000	13.0920	0.0032
2017-02-17 18:30:00	0.1953	32.4633	0.0063	0.1826	0.0000	13.0920	0.0050
2017-02-17 18:45:00	0.0588	32.4633	0.0019	0.1826	0.0000	13.0920	0.0015
2017-02-17 19:00:00	0.0992	32.4633	0.0032	0.1826	0.0000	13.0920	0.0025
2017-02-17 19:15:00	0.0788	32.4633	0.0026	0.1826	0.0000	13.0920	0.0020
2017-02-17 19:30:00	0.0595	32.4633	0.0019	0.1826	0.0000	13.0920	0.0015
2017-02-17 19:45:00	0.1627	32.4633	0.0053	0.1826	0.0000	13.0920	0.0041
2017-02-17 20:00:00	0.1171	32.4633	0.0038	0.1826	0.0000	13.0920	0.0030
2017-02-17 20:15:00	0.1479	32.4633	0.0048	0.1826	0.0000	13.0920	0.0038
2017-02-17 20:30:00	0.2756	32.4633	0.0089	0.1826	0.0001	13.0920	0.0070
2017-02-17 20:45:00	0.7234	32.4633	0.0235	0.1826	0.0001	13.0920	0.0184
2017-02-17 21:00:00	1.7823	32.4633	0.0579	0.1826	0.0003	13.0920	0.0453
2017-02-17 21:15:00	2.2216	32.4633	0.0721	0.1826	0.0004	13.0920	0.0564
2017-02-17 21:30:00	3.8133	32.4633	0.1238	0.1826	0.0007	13.0920	0.0969
2017-02-17 21:45:00	3.3907	32.4633	0.1101	0.1826	0.0006	13.0920	0.0861
2017-02-17 22:00:00	2.3527	32.4633	0.0764	0.1826	0.0004	13.0920	0.0598
2017-02-17 22:15:00	2.8974	32.4633	0.0941	0.1420	0.0004	13.0920	0.0736
2017-02-17 22:30:00	2.7172	32.4633	0.0882	0.0694	0.0002	13.0920	0.0690
2017-02-17 22:45:00	1.7600	32.4633	0.0571	0.0694	0.0001	13.0920	0.0447
2017-02-17 23:00:00	2.6849	32.4633	0.0872	0.0694	0.0002	13.0920	0.0682
2017-02-17 23:15:00	2.4496	32.4633	0.0795	0.0694	0.0002	13.0920	0.0622
2017-02-17 23:30:00	2.8429	32.4633	0.0923	0.0694	0.0002	13.0920	0.0722
2017-02-17 23:45:00	2.2424	32.4633	0.0728	0.0694	0.0002	13.0920	0.0570

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-18 00:00:00	3.2550	32.4633	0.1057	0.0694	0.0002	13.0920	0.0827
2017-02-18 00:15:00	2.9942	32.4633	0.0972	0.0694	0.0002	13.0920	0.0760
2017-02-18 00:30:00	3.7921	32.4633	0.1231	0.0694	0.0003	13.0920	0.0963
2017-02-18 00:45:00	3.7465	32.4633	0.1216	0.0694	0.0003	13.0920	0.0952
2017-02-18 01:00:00	3.7777	32.4633	0.1226	0.0694	0.0003	13.0920	0.0959
2017-02-18 01:15:00	3.6312	32.4633	0.1179	0.0694	0.0003	13.0920	0.0922
2017-02-18 01:30:00	3.7662	32.4633	0.1223	0.0694	0.0003	13.0920	0.0957
2017-02-18 01:45:00	3.9915	32.4633	0.1296	0.0694	0.0003	13.0920	0.1014
2017-02-18 02:00:00	3.9397	32.4633	0.1279	0.0694	0.0003	13.0920	0.1001
2017-02-18 02:15:00	3.8299	32.4633	0.1243	0.0694	0.0003	13.0920	0.0973
2017-02-18 02:30:00	4.1013	32.4633	0.1331	0.0694	0.0003	13.0920	0.1042
2017-02-18 02:45:00	4.0770	32.4633	0.1324	0.0694	0.0003	13.0920	0.1035
2017-02-18 03:00:00	3.7969	32.4633	0.1233	0.0694	0.0003	13.0920	0.0964
2017-02-18 03:15:00	3.3178	32.4633	0.1077	0.0694	0.0002	13.0920	0.0843
2017-02-18 03:30:00	2.0510	32.4633	0.0666	0.0694	0.0001	13.0920	0.0521
2017-02-18 03:45:00	1.3469	32.4633	0.0437	0.1891	0.0003	13.0920	0.0342
2017-02-18 04:00:00	1.7484	32.4633	0.0568	0.0000	0.0000	13.0920	0.0444
2017-02-18 04:15:00	2.5646	32.4633	0.0833	0.0256	0.0001	13.0920	0.0651
2017-02-18 04:30:00	2.7631	32.4633	0.0897	0.1140	0.0003	13.0920	0.0702
2017-02-18 04:45:00	2.5499	32.4633	0.0828	0.1140	0.0003	13.0920	0.0648
2017-02-18 05:00:00	2.6526	32.4633	0.0861	0.1140	0.0003	13.0920	0.0674
2017-02-18 05:15:00	2.9047	32.4633	0.0943	0.1140	0.0003	13.0920	0.0738
2017-02-18 05:30:00	3.7861	32.4633	0.1229	0.1140	0.0004	13.0920	0.0962
2017-02-18 05:45:00	3.5752	32.4633	0.1161	0.1140	0.0004	13.0920	0.0908
2017-02-18 06:00:00	3.3384	32.4633	0.1084	0.1140	0.0004	13.0920	0.0848
2017-02-18 06:15:00	2.1501	32.4633	0.0698	0.1140	0.0002	13.0920	0.0546
2017-02-18 06:30:00	2.2009	32.4633	0.0714	0.1140	0.0003	13.0920	0.0559
2017-02-18 06:45:00 2017-02-18 07:00:00	0.5518	32.4633 32.4633	0.0179 0.0006	0.1140 0.1140	0.0001	13.0920 13.0920	0.0140 0.0005
2017-02-18 07:00:00	0.0186 0.4195	32.4633	0.0006	0.1140	0.0000 0.0000	13.0920	0.0003
2017-02-18 07:13:00	1.0838	32.4633	0.0150	0.1140	0.0001	13.0920	0.0107
2017-02-18 07:45:00	0.3173	32.4633	0.0352	0.1140	0.0001	13.0920	0.0275
2017-02-18 07:45:00	1.2030	32.4633	0.0103	0.1140	0.0001	13.0920	0.0306
2017-02-18 08:00:00	2.1228	32.4633	0.0689	0.1140	0.0001	13.0920	0.0539
2017-02-18 08:15:00	2.3551	32.4633	0.0689	0.1140	0.0002	13.0920	0.0539
2017-02-18 08:45:00	1.2307	32.4633	0.0400	0.1140	0.0003	13.0920	0.0338
2017-02-18 08:45:00	0.0770	32.4633	0.0025	0.1140	0.0001	13.0920	0.0020
2017-02-18 09:05:00	0.0618	32.4633	0.0023	0.1140	0.0000	13.0920	0.0020
2017-02-18 09:30:00	0.4776	32.4633	0.0155	0.1140	0.0001	13.0920	0.0010
2017-02-18 09:45:00	0.1891	32.4633	0.0061	0.1140	0.0000	13.0920	0.0048
2017-02-18 09:49:00	0.0805	32.4633	0.0026	0.1140	0.0000	13.0920	0.0048
2017-02-18 10:15:00	0.2857	32.4633	0.0093	0.1140	0.0000	13.0920	0.0023
2017-02-18 10:30:00	0.0773	32.4633	0.0025	0.1140	0.0000	13.0920	0.0073
2017-02-18 10:45:00	0.0631	32.4633	0.0020	0.1140	0.0000	13.0920	0.0016
2017-02-18 11:00:00	0.3488	32.4633	0.0113	0.1140	0.0000	13.0920	0.0089
2017-02-18 11:15:00	0.0642	32.4633	0.0021	0.1140	0.0000	13.0920	0.0016
2017-02-18 11:30:00	0.2241	32.4633	0.0073	0.1140	0.0000	13.0920	0.0057
2017-02-18 11:45:00	0.3893	32.4633	0.0126	0.1140	0.0000	13.0920	0.0099
2017-02-18 12:00:00	0.1739	32.4633	0.0056	0.1140	0.0000	13.0920	0.0044
2017-02-18 12:15:00	0.0569	32.4633	0.0018	0.1140	0.0000	13.0920	0.0014
2017-02-18 12:30:00	0.1027	32.4633	0.0033	0.1140	0.0000	13.0920	0.0026
2017-02-18 12:45:00	0.2400	32.4633	0.0078	0.1140	0.0000	13.0920	0.0061
2017-02-18 13:00:00	0.8004	32.4633	0.0260	0.1140	0.0001	13.0920	0.0203
2017-02-18 13:15:00	0.4816	32.4633	0.0156	0.1140	0.0001	13.0920	0.0122
2017-02-18 13:30:00	0.6114	32.4633	0.0198	0.1140	0.0001	13.0920	0.0155
2017-02-18 13:45:00	1.3645	32.4633	0.0443	0.1140	0.0002	13.0920	0.0347
2017-02-18 14:00:00	1.4671	32.4633	0.0476	0.1140	0.0002	13.0920	0.0373
2017-02-18 14:15:00	1.1779	32.4633	0.0382	0.1140	0.0001	13.0920	0.0299
2017-02-18 14:30:00	1.3645	32.4633	0.0443	0.1140	0.0002	13.0920	0.0347
2017-02-18 14:45:00	1.1747	32.4633	0.0381	0.1140	0.0001	13.0920	0.0298
2017-02-18 15:00:00	0.7015	32.4633	0.0228	0.1140	0.0001	13.0920	0.0178
2017-02-18 15:15:00	1.6548	32.4633	0.0537	0.1140	0.0002	13.0920	0.0420
2017-02-18 15:30:00	1.2536	32.4633	0.0407	0.1140	0.0001	13.0920	0.0318
2017-02-18 15:45:00	0.6343	32.4633	0.0206	0.1140	0.0001	13.0920	0.0161
2017-02-18 16:00:00	0.5253	32.4633	0.0171	0.1140	0.0001	13.0920	0.0133
2017-02-18 16:15:00	0.6678	32.4633	0.0217	0.1140	0.0001	13.0920	0.0170
2017-02-18 16:30:00	0.9532	32.4633	0.0309	0.1140	0.0001	13.0920	0.0242
2017-02-18 16:45:00	2.8155	32.4633	0.0914	0.1140	0.0003	13.0920	0.0715
2017-02-18 17:00:00	4.2061	32.4633	0.1365	0.1140	0.0005	13.0920	0.1068
2017-02-18 17:15:00	4.2508	32.4633	0.1380	0.1140	0.0005	13.0920	0.1080
2017-02-18 17:30:00	4.3510	32.4633	0.1412	0.1140	0.0005	13.0920	0.1105
2017-02-18 17:45:00	4.5556	32.4633	0.1479	0.1364	0.0006	13.0920	0.1157
2017-02-18 18:00:00	4.3819	32.4633	0.1422	0.2293	0.0010	13.0920	0.1113
2017-02-18 18:15:00	3.6023	32.4633	0.1169	0.2293	0.0008	13.0920	0.0915

		Point Source Air E	missions - A2 Nitric	Acid Stack					
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2017-02-18 18:45:00	1.5271	32.4633	0.0496	0.1140	0.0002	13.0920	0.0388		
2017-02-18 19:00:00	2.6595	32.4633	0.0863	0.1140	0.0003	13.0920	0.0675		
2017-02-18 19:15:00	3.5481	32.4633	0.1152	0.1140	0.0004	13.0920	0.0901		
2017-02-18 19:30:00	3.7616	32.4633	0.1221 0.0872	0.1140	0.0004 0.0003	13.0920	0.0955		
2017-02-18 19:45:00 2017-02-18 20:00:00	2.6875 3.3658	32.4633 32.4633	0.0872	0.1140 0.1140	0.0003	13.0920 13.0920	0.0683 0.0855		
2017-02-18 20:00:00	3.8014	32.4633	0.1093	0.1140	0.0004	13.0920	0.0855		
2017-02-18 20:15:00	4.1676	32.4633	0.1254	0.1140	0.0004	13.0920	0.1059		
2017-02-18 20:45:00	3.5934	32.4633	0.1333	0.1140	0.0003	13.0920	0.0913		
2017-02-18 20:43:00	3.0885	32.4633	0.1107	0.1140	0.0004	13.0920	0.0784		
2017-02-18 21:15:00	3.9389	32.4633	0.1279	0.1140	0.0004	13.0920	0.1000		
2017-02-18 21:30:00	4.3097	32.4633	0.1399	0.1140	0.0005	13.0920	0.1005		
2017-02-18 21:45:00	4.5764	32.4633	0.1486	0.1140	0.0005	13.0920	0.1162		
2017-02-18 22:00:00	4.8441	32.4633	0.1573	0.1140	0.0006	13.0920	0.1230		
2017-02-18 22:15:00	4.9078	32.4633	0.1593	0.1140	0.0006	13.0920	0.1247		
2017-02-18 22:30:00	4.9078	32.4633	0.1593	0.1140	0.0006	13.0920	0.1247		
2017-02-18 22:45:00	4.9078	32.4633	0.1593	0.1140	0.0006	13.0920	0.1247		
2017-02-18 23:00:00	4.9078	32.4633	0.1593	0.1140	0.0006	13.0920	0.1247		
2017-02-18 23:15:00	4.7998	32.4633	0.1558	0.1140	0.0005	13.0920	0.1219		
2017-02-18 23:30:00	4.3638	32.4633	0.1417	0.1140	0.0005	13.0920	0.1108		
2017-02-18 23:45:00	4.2878	32.4633	0.1392	0.1140	0.0005	13.0920	0.1089		
2017-02-19 00:00:00	4.2597	32.4633	0.1383	0.1140	0.0005	13.0920	0.1082		
2017-02-19 00:15:00	4.5605	32.4633	0.1480	0.1140	0.0005	13.0920	0.1158		
2017-02-19 00:30:00	4.5726	32.4633	0.1484	0.1140	0.0005	13.0920	0.1161		
2017-02-19 00:45:00	4.7380	32.4633	0.1538	0.1140	0.0005	13.0920	0.1203		
2017-02-19 01:00:00	4.6144	32.4633	0.1498	0.1140	0.0005	13.0920	0.1172		
2017-02-19 01:15:00	4.4142	32.4633	0.1433	0.1140	0.0005	13.0920	0.1121		
2017-02-19 01:30:00	4.4250	32.4633	0.1437	0.1140	0.0005	13.0920	0.1124		
2017-02-19 01:45:00	4.5075	32.4633	0.1463	0.1140	0.0005	13.0920	0.1145		
2017-02-19 02:00:00	4.3050	32.4633	0.1398	0.1140	0.0005	13.0920	0.1093		
2017-02-19 02:15:00	4.0853	32.4633	0.1326	0.1140	0.0005	13.0920	0.1038		
2017-02-19 02:30:00	4.4214	32.4633	0.1435	0.1140	0.0005	13.0920	0.1123		
2017-02-19 02:45:00	4.0490	32.4633	0.1314	0.1140	0.0005	13.0920	0.1028		
2017-02-19 03:00:00	4.0756	32.4633	0.1323	0.1140	0.0005	13.0920	0.1035		
2017-02-19 03:15:00	4.3089	32.4633	0.1399	0.1140	0.0005	13.0920	0.1094		
2017-02-19 03:30:00	4.2668	32.4633	0.1385	0.1140	0.0005	13.0920	0.1084		
2017-02-19 03:45:00	4.4440	32.4633	0.1443	0.1140	0.0005	13.0920	0.1129		
2017-02-19 04:00:00	4.5904	32.4633	0.1490	0.1140	0.0005	13.0920	0.1166		
2017-02-19 04:15:00 2017-02-19 04:30:00	4.7786 4.9882	32.4633 32.4633	0.1551 0.1619	0.1140 0.1140	0.0005 0.0006	13.0920 13.0920	0.1214 0.1267		
2017-02-19 04:30:00	4.5776	32.4633	0.1486	0.1140	0.0006	13.0920	0.1267		
2017-02-19 04:43:00	4.3224	32.4633	0.1480	0.1140	0.0005	13.0920	0.1103		
2017-02-19 05:15:00	4.4913	32.4633	0.1403	0.1140	0.0005	13.0920	0.1098		
2017-02-19 05:30:00	4.5651	32.4633	0.1438	0.1140	0.0005	13.0920	0.1159		
2017-02-19 05:45:00	4.2052	32.4633	0.1365	0.1140	0.0005	13.0920	0.1068		
2017-02-19 06:00:00	4.2923	32.4633	0.1303	0.1140	0.0005	13.0920	0.1008		
2017-02-19 06:15:00	4.4147	32.4633	0.1433	0.1140	0.0005	13.0920	0.1121		
2017-02-19 06:30:00	4.1919	32.4633	0.1361	0.1140	0.0005	13.0920	0.1065		
2017-02-19 06:45:00	3.3149	32.4633	0.1076	0.1140	0.0003	13.0920	0.0842		
2017-02-19 07:00:00	1.7399	32.4633	0.0565	0.1140	0.0002	13.0920	0.0442		
2017-02-19 07:15:00	3.7907	32.4633	0.1231	0.1140	0.0004	13.0920	0.0963		
2017-02-19 07:30:00	2.7606	32.4633	0.0896	0.1140	0.0003	13.0920	0.0701		
2017-02-19 07:45:00	0.4621	32.4633	0.0150	0.1140	0.0001	13.0920	0.0117		
2017-02-19 08:00:00	0.0000	32.4633	0.0000	0.1140	0.0000	13.0920	0.0000		
2017-02-19 08:15:00	0.0732	32.4633	0.0024	0.1140	0.0000	13.0920	0.0019		
2017-02-19 08:30:00	0.0550	32.4633	0.0018	0.1140	0.0000	13.0920	0.0014		
2017-02-19 08:45:00	0.2619	32.4633	0.0085	0.1140	0.0000	13.0920	0.0067		
2017-02-19 09:00:00	0.1942	32.4633	0.0063	0.1140	0.0000	13.0920	0.0049		
2017-02-19 09:15:00	0.9717	32.4633	0.0315	0.1140	0.0001	13.0920	0.0247		
2017-02-19 09:30:00	1.9770	32.4633	0.0642	0.1140	0.0002	13.0920	0.0502		
2017-02-19 09:45:00	1.8341	32.4633	0.0595	0.1140	0.0002	13.0920	0.0466		
2017-02-19 10:00:00	2.6240	32.4633	0.0852	0.1140	0.0003	13.0920	0.0666		
2017-02-19 10:15:00	2.9672	32.4633	0.0963	0.1596	0.0005	13.0920	0.0754		
2017-02-19 10:30:00	3.9127	32.4633	0.1270	0.2273	0.0009	13.0920	0.0994		
2017-02-19 10:45:00	3.8557	32.4633	0.1252	0.2273	0.0009	13.0920	0.0979		
2017-02-19 11:00:00	4.0528	32.4633	0.1316	0.2273	0.0009	13.0920	0.1029		
2017-02-19 11:15:00	4.3213	32.4633	0.1403	0.2273	0.0010	13.0920	0.1098		
2017-02-19 11:30:00	4.1405	32.4633	0.1344	0.2273	0.0009	13.0920	0.1052		
2017-02-19 11:45:00	3.8529	32.4633	0.1251	0.2273	0.0009	13.0920	0.0979		
2017-02-19 12:00:00	2.2925	32.4633	0.0744	0.2273	0.0005	13.0920	0.0582		
2017-02-19 12:15:00	1.9421	32.4633	0.0630	0.2273	0.0004	13.0920	0.0493		
2017-02-19 12:30:00	2.3690	32.4633	0.0769	0.2273	0.0005	13.0920	0.0602		
2017-02-19 12:45:00	2.1102	32.4633	0.0685	0.2273	0.0005	13.0920	0.0536		
2017-02-19 13:00:00	2.6182	32.4633	0.0850	0.2273	0.0006	13.0920	0.0665		
2017-02-19 13:15:00	2.3448	32.4633	0.0761	0.2064	0.0005	13.0920	0.0596		

	Point Source Air Emissions - A2 Nitric Acid Stack						
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-19 13:30:00	2.1582	32.4633	0.0701	0.1112	0.0002	13.0920	0.0548
2017-02-19 13:45:00	1.4179	32.4633	0.0460	0.1112	0.0002	13.0920	0.0360
2017-02-19 14:00:00	1.8957	32.4633	0.0615	0.1112	0.0002	13.0920	0.0481
2017-02-19 14:15:00	1.8883	32.4633	0.0613	0.1112	0.0002	13.0920	0.0480
2017-02-19 14:30:00	1.4013	32.4633	0.0455	0.1112	0.0002	13.0920	0.0356
2017-02-19 14:45:00	1.6106	32.4633	0.0523	0.1112	0.0002	13.0920	0.0409
2017-02-19 15:00:00	2.1073	32.4633	0.0684	0.1112	0.0002	13.0920	0.0535
2017-02-19 15:15:00 2017-02-19 15:30:00	2.7418	32.4633 32.4633	0.0890 0.0857	0.1112 0.1112	0.0003 0.0003	13.0920 13.0920	0.0696 0.0670
2017-02-19 15:30:00	2.6388 3.2353	32.4633	0.1050	0.1112	0.0005	13.0920	0.0822
2017-02-19 16:00:00	2.7914	32.4633	0.0906	0.2238	0.0003	13.0920	0.0709
2017-02-19 16:05:00	5.0396	32.4633	0.1636	0.2238	0.0001	13.0920	0.1280
2017-02-19 16:30:00	4.3081	32.4633	0.1399	0.2238	0.0011	13.0920	0.1094
2017-02-19 16:45:00	4.1192	32.4633	0.1337	0.2238	0.0010	13.0920	0.1034
2017-02-19 17:00:00	4.2302	32.4633	0.1373	0.2238	0.0009	13.0920	0.1074
2017-02-19 17:15:00	4.0337	32.4633	0.1309	0.2238	0.0009	13.0920	0.1025
2017-02-19 17:30:00	3.2414	32.4633	0.1052	0.2238	0.0007	13.0920	0.0823
2017-02-19 17:45:00	2.1291	32.4633	0.0691	0.2238	0.0005	13.0920	0.0541
2017-02-19 18:00:00	2.1881	32.4633	0.0710	0.2238	0.0005	13.0920	0.0556
2017-02-19 18:15:00	2.1557	32.4633	0.0700	0.2238	0.0005	13.0920	0.0548
2017-02-19 18:30:00	1.9736	32.4633	0.0641	0.1155	0.0002	13.0920	0.0501
2017-02-19 18:45:00	1.4235	32.4633	0.0462	0.1112	0.0002	13.0920	0.0362
2017-02-19 19:00:00	2.7549	32.4633	0.0894	0.1112	0.0003	13.0920	0.0700
2017-02-19 19:15:00	2.8551	32.4633	0.0927	0.1112	0.0003	13.0920	0.0725
2017-02-19 19:30:00	3.1443	32.4633	0.1021	0.1112	0.0003	13.0920	0.0799
2017-02-19 19:45:00	3.2838	32.4633	0.1066	0.1112	0.0004	13.0920	0.0834
2017-02-19 20:00:00	3.6547	32.4633	0.1186	0.1112	0.0004	13.0920	0.0928
2017-02-19 20:15:00	3.3900	32.4633	0.1100	0.1112	0.0004	13.0920	0.0861
2017-02-19 20:30:00	3.0396	32.4633	0.0987	0.1112	0.0003	13.0920	0.0772
2017-02-19 20:45:00	3.0453	32.4633	0.0989	0.1112	0.0003	13.0920	0.0773
2017-02-19 21:00:00	1.5924	32.4633	0.0517	0.1112	0.0002	13.0920	0.0404
2017-02-19 21:15:00	2.1374	32.4633	0.0694	0.1112	0.0002	13.0920	0.0543
2017-02-19 21:30:00	2.0744	32.4633	0.0673	0.1112	0.0002	13.0920	0.0527
2017-02-19 21:45:00	2.3719	32.4633	0.0770	0.1112	0.0003	13.0920	0.0602
2017-02-19 22:00:00	2.6279	32.4633	0.0853	0.1112	0.0003	13.0920	0.0667
2017-02-19 22:15:00	2.7004	32.4633	0.0877	0.1112	0.0003	13.0920	0.0686
2017-02-19 22:30:00	3.0168	32.4633	0.0979	0.1112	0.0003	13.0920	0.0766
2017-02-19 22:45:00	1.8798	32.4633	0.0610	0.1112	0.0002	13.0920	0.0477
2017-02-19 23:00:00	3.5148	32.4633	0.1141	0.1112	0.0004	13.0920	0.0893
2017-02-19 23:15:00	1.6205	32.4633	0.0526	0.1112	0.0002	13.0920	0.0412
2017-02-19 23:30:00	2.6634	32.4633	0.0865	0.1112	0.0003	13.0920	0.0676
2017-02-19 23:45:00	2.1263	32.4633	0.0690	0.1112	0.0002	13.0920	0.0540
2017-02-20 00:00:00	3.8630	32.4633	0.1254	0.1112	0.0004	13.0920	0.0981
2017-02-20 00:15:00	4.0496	32.4633	0.1315	0.1112	0.0005	13.0920	0.1029
2017-02-20 00:30:00	3.3153	32.4633	0.1076	0.1112	0.0004	13.0920	0.0842
2017-02-20 00:45:00	3.0262	32.4633	0.0982	0.1112	0.0003	13.0920	0.0769
2017-02-20 01:00:00	4.3277	32.4633	0.1405	0.1112	0.0005	13.0920	0.1099
2017-02-20 01:15:00	4.0845	32.4633	0.1326	0.1112	0.0005	13.0920	0.1037
2017-02-20 01:30:00	3.8327	32.4633	0.1244	0.1112	0.0004	13.0920	0.0973
2017-02-20 01:45:00	3.2430	32.4633	0.1053	0.1112	0.0004	13.0920	0.0824
2017-02-20 02:00:00	4.0422	32.4633	0.1312	0.1112	0.0004	13.0920	0.1027
2017-02-20 02:15:00	3.5333	32.4633	0.1147	0.1112	0.0004	13.0920	0.0897
2017-02-20 02:30:00	3.9898	32.4633	0.1295	0.1112	0.0004	13.0920	0.1013
2017-02-20 02:45:00	1.9102	32.4633	0.0620	0.1112	0.0002	13.0920	0.0485
2017-02-20 03:00:00	1.4213	32.4633	0.0461	0.1553	0.0002	13.0920	0.0361
2017-02-20 03:15:00	0.8169	32.4633	0.0265	0.2245	0.0002	13.0920	0.0207
2017-02-20 03:30:00	0.7946	32.4633	0.0258	0.2245	0.0002	13.0920	0.0202
2017-02-20 03:45:00	1.2928	32.4633	0.0420	0.2245	0.0003	13.0920	0.0328
2017-02-20 04:00:00	2.0253	32.4633	0.0657	0.2245	0.0005	13.0920	0.0514
2017-02-20 04:15:00	0.9743	32.4633	0.0316	0.2245	0.0002	13.0920	0.0247
2017-02-20 04:30:00	0.1653	32.4633	0.0054	0.2245	0.0000	13.0920	0.0042
2017-02-20 04:45:00	0.7856	32.4633	0.0255	0.2245	0.0002	13.0920	0.0200
2017-02-20 05:00:00	1.5738	32.4633	0.0511	0.2245	0.0004	13.0920	0.0400
2017-02-20 05:15:00	0.7902	32.4633	0.0257	0.2245	0.0002	13.0920	0.0201
2017-02-20 05:30:00	3.5462	32.4633	0.1151	0.2245	0.0008	13.0920	0.0901
2017-02-20 05:45:00	1.3563	32.4633	0.0440	0.2245	0.0003	13.0920	0.0344
2017-02-20 06:00:00	2.6264	32.4633	0.0853	0.2245	0.0006	13.0920	0.0667
2017-02-20 06:15:00	2.8648	32.4633	0.0930	0.2245	0.0006	13.0920	0.0728
2017-02-20 06:30:00	3.2583	32.4633	0.1058	0.2245	0.0007	13.0920	0.0828
2017-02-20 06:45:00	0.7304	32.4633	0.0237	0.2245	0.0002	13.0920	0.0186
2017-02-20 07:00:00	0.5821	32.4633	0.0189	0.2245	0.0001	13.0920	0.0148
2017-02-20 07:15:00	2.8922	32.4633	0.0939	0.2245	0.0006	13.0920	0.0735
2017-02-20 07:30:00	4.4081	32.4633	0.1431	0.2245	0.0010	13.0920	0.1120
2017-02-20 07:45:00	3.4571	32.4633	0.1122	0.2245	0.0008	13.0920	0.0878
2017-02-20 08:00:00	2.1811	32.4633	0.0708	0.2245	0.0005	13.0920	0.0554

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-20 08:15:00	1.6695	32.4633	0.0542	0.2245	0.0004	13.0920	0.0424
2017-02-20 08:30:00	0.6735	32.4633	0.0219	0.2245	0.0002	13.0920	0.0171
2017-02-20 08:45:00	0.0000	32.4633	0.0000	0.2245	0.0000	13.0920	0.0000
2017-02-20 09:00:00	0.2540 0.3829	32.4633	0.0082 0.0124	0.2245 0.2245	0.0001 0.0001	13.0920 13.0920	0.0065 0.0097
2017-02-20 09:15:00 2017-02-20 09:30:00	0.3829	32.4633 32.4633	0.0124	0.2245	0.0001	13.0920	0.0097
2017-02-20 09:45:00	0.6985	32.4633	0.0122	0.2245	0.0001	13.0920	0.0177
2017-02-20 10:00:00	0.4621	32.4633	0.0150	0.2245	0.0001	13.0920	0.0177
2017-02-20 10:15:00	1.4383	32.4633	0.0467	0.2245	0.0003	13.0920	0.0365
2017-02-20 10:30:00	1.9245	32.4633	0.0625	0.2245	0.0004	13.0920	0.0489
2017-02-20 10:45:00	2.4945	32.4633	0.0810	0.2245	0.0006	13.0920	0.0634
2017-02-20 11:00:00	2.5906	32.4633	0.0841	0.2245	0.0006	13.0920	0.0658
2017-02-20 11:15:00	3.4198	32.4633	0.1110	0.2245	0.0008	13.0920	0.0869
2017-02-20 11:30:00	3.8829	32.4633	0.1261	0.2245	0.0009	13.0920	0.0986
2017-02-20 11:45:00	4.0071	32.4633	0.1301	0.2245	0.0009	13.0920	0.1018
2017-02-20 12:00:00	4.2090	32.4633	0.1366	0.2245	0.0009	13.0920	0.1069
2017-02-20 12:15:00	4.2140	32.4633	0.1368	0.2245	0.0009	13.0920	0.1070
2017-02-20 12:30:00	4.2896	32.4633	0.1393	0.2245	0.0010	13.0920	0.1089
2017-02-20 12:45:00	4.1592	32.4633	0.1350	0.2098	0.0009	13.0920	0.1056
2017-02-20 13:00:00 2017-02-20 13:15:00	4.3582 4.0638	32.4633 32.4633	0.1415 0.1319	0.1119 0.1119	0.0005 0.0005	13.0920 13.0920	0.1107 0.1032
2017-02-20 13:15:00	4.0638 3.9958	32.4633	0.1319	0.1119	0.0003	13.0920	0.1032
2017-02-20 13:45:00	3.4273	32.4633	0.113	0.2127	0.0007	13.0920	0.0870
2017-02-20 14:00:00	3.4128	32.4633	0.1108	0.1189	0.0004	13.0920	0.0867
2017-02-20 14:15:00	3.7667	32.4633	0.1223	0.1940	0.0007	13.0920	0.0957
2017-02-20 14:30:00	4.1270	32.4633	0.1340	0.2232	0.0009	13.0920	0.1048
2017-02-20 14:45:00	3.5568	32.4633	0.1155	0.2232	0.0008	13.0920	0.0903
2017-02-20 15:00:00	3.7860	32.4633	0.1229	0.2232	0.0008	13.0920	0.0962
2017-02-20 15:15:00	4.4531	32.4633	0.1446	0.2232	0.0010	13.0920	0.1131
2017-02-20 15:30:00	4.1969	32.4633	0.1362	0.2232	0.0009	13.0920	0.1066
2017-02-20 15:45:00	2.2078	32.4633	0.0717	0.2232	0.0005	13.0920	0.0561
2017-02-20 16:00:00	0.7743	32.4633	0.0251	0.2232	0.0002	13.0920	0.0197
2017-02-20 16:15:00	2.5397	32.4633	0.0824	0.2232	0.0006	13.0920	0.0645
2017-02-20 16:30:00	1.4424	32.4633	0.0468	0.2232	0.0003	13.0920	0.0366
2017-02-20 16:45:00 2017-02-20 17:00:00	0.8578	32.4633 32.4633	0.0278	0.2232	0.0002 0.0002	13.0920	0.0218 0.0252
2017-02-20 17:00:00	0.9917 1.1304	32.4633	0.0322 0.0367	0.2232 0.2232	0.0002	13.0920 13.0920	0.0232
2017-02-20 17:13:00	1.1441	32.4633	0.0307	0.2232	0.0003	13.0920	0.0287
2017-02-20 17:45:00	0.6565	32.4633	0.0213	0.3076	0.0003	13.0920	0.0167
2017-02-20 18:00:00	1.3585	38.4198	0.0522	0.3371	0.0005	13.0920	0.0345
2017-02-20 18:15:00	1.9118	169.5135	0.3241	0.4002	0.0008	13.0920	0.0486
2017-02-20 18:30:00	0.5581	184.9341	0.1032	0.4003	0.0002	13.0920	0.0142
2017-02-20 18:45:00	12.7965	39.5375	0.5059	0.2632	0.0034	13.0920	0.3250
2017-02-20 19:00:00	15.9610	36.8719	0.5885	0.2035	0.0032	13.0920	0.4054
2017-02-20 19:15:00	19.2328	58.6290	1.1276	0.1718	0.0033	13.0920	0.4885
2017-02-20 19:30:00	19.7624	43.4848	0.8594	0.0982	0.0019	13.0920	0.5019
2017-02-20 19:45:00	20.0159	43.4848	0.8704	0.0982	0.0020	13.0920	0.5084
2017-02-20 20:00:00	19.9366	43.4848	0.8669	0.0982	0.0020	13.0920	0.5064
2017-02-20 20:15:00	19.8642	25.5932	0.5084	0.1088	0.0022	13.0920	0.5045
2017-02-20 20:30:00 2017-02-20 20:45:00	19.8862 19.7981	10.4203 10.4203	0.2072 0.2063	0.1037 0.1188	0.0021 0.0024	13.0920 13.0920	0.5051 0.5028
2017-02-20 20:45:00	19.7454	10.4203	0.2058	0.1188	0.0024	13.0920	0.5028
2017-02-20 21:00:00	19.6141	10.4203	0.2038	0.1320	0.0018	13.0920	0.4982
2017-02-20 21:30:00	19.6885	10.4203	0.2052	0.1044	0.0021	13.0920	0.5001
2017-02-20 21:45:00	19.6605	10.4203	0.2049	0.0496	0.0010	13.0920	0.4993
2017-02-20 22:00:00	19.6030	10.4203	0.2043	0.0971	0.0019	13.0920	0.4979
2017-02-20 22:15:00	20.2715	17.3743	0.3522	0.1426	0.0029	13.0920	0.5149
2017-02-20 22:30:00	22.0595	11.6227	0.2564	0.1483	0.0033	13.0920	0.5603
2017-02-20 22:45:00	26.3779	11.6227	0.3066	0.1671	0.0044	13.0920	0.6700
2017-02-20 23:00:00	27.9358	1231.0761	34.3912	0.0996	0.0028	13.0920	0.7095
2017-02-20 23:15:00	28.0135	0.0000	0.0000	0.0996	0.0028	13.0920	0.7115
2017-02-20 23:30:00	27.9122	713.6506	19.9196	0.0996	0.0028	13.0920	0.7089
2017-02-20 23:45:00	27.9622	47.3890	1.3251	0.0996	0.0028	13.0920	0.7102
2017-02-21 00:00:00	27.9943	24.6480	0.6900	0.0996	0.0028	13.0920	0.7110
2017-02-21 00:15:00 2017-02-21 00:30:00	28.0727 27.9432	24.6480 24.6480	0.6919 0.6887	0.0996 0.0996	0.0028 0.0028	13.0920 13.0920	0.7130 0.7097
2017-02-21 00:30:00	27.9016	24.6480	0.6877	0.0996	0.0028	13.0920	0.7097
2017-02-21 00:43:00	27.8755	24.6480	0.6871	0.0996	0.0028	13.0920	0.7087
2017-02-21 01:00:00	27.8762	24.6480	0.6871	0.0996	0.0028	13.0920	0.7080
2017-02-21 01:30:00	27.8414	24.6480	0.6862	0.0996	0.0028	13.0920	0.7071
2017-02-21 01:45:00	27.8416	24.6480	0.6862	0.0996	0.0028	13.0920	0.7071
2017-02-21 02:00:00	27.9390	24.6480	0.6886	0.0996	0.0028	13.0920	0.7096
		24.6480	0.6905	0.0996	0.0028	13.0920	0.7115
2017-02-21 02:15:00	28.0126	24.0400	0.0303				
2017-02-21 02:15:00 2017-02-21 02:30:00	28.1713	24.6480	0.6944	0.0996	0.0028	13.0920	0.7155

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-21 03:00:00	28.2101	24.6480	0.6953	0.0996	0.0028	13.0920	0.7165
2017-02-21 03:15:00	28.5437	24.6480	0.7035	0.0996	0.0028	13.0920	0.7250
2017-02-21 03:30:00	7.8132	835.5790	6.5286	8.4573	0.0661	729.1014	11.0515
2017-02-21 03:45:00 2017-02-21 04:00:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	11.2500 10.3487	0.0000 0.0000	602.5274 252.4902	0.0000 0.0000
2017-02-21 04:00:00	0.0000	0.0000	0.0000	0.5768	0.0000	177.4169	0.0000
2017-02-21 04:30:00	0.0000	0.0000	0.0000	7.0057	0.0000	153.1691	0.0000
2017-02-21 04:45:00	0.0000	0.0000	0.0000	11.2500	0.0000	139.4882	0.0000
2017-02-21 05:00:00	0.0000	0.0000	0.0000	11.2500	0.0000	135.0403	0.0000
2017-02-21 05:15:00	0.0000	0.0000	0.0000	11.2500	0.0000	126.7319	0.0000
2017-02-21 05:30:00	0.0000	0.0000	0.0000	11.2500	0.0000	119.9341	0.0000
2017-02-21 05:45:00	0.0000	0.0000	0.0000	11.2500	0.0000	100.0443	0.0000
2017-02-21 06:00:00	0.0000	3275.1176	0.0000	11.2500	0.0000	89.7217	0.0000
2017-02-21 06:15:00	0.0000	2919.8038	0.0000	11.2500	0.0000	89.7217	0.0000
2017-02-21 06:30:00	0.0000	2344.0237	0.0000	11.2500	0.0000	89.7217	0.0000
2017-02-21 06:45:00	0.0000	1907.0174	0.0000	11.2500	0.0000	89.7217	0.0000
2017-02-21 07:00:00	0.0000	1511.1847	0.0000	11.2500	0.0000	89.7217	0.0000
2017-02-21 07:15:00	0.0000	1237.4310	0.0000	11.2500	0.0000	89.7217	0.0000
2017-02-21 07:30:00	0.0000	1032.8745	0.0000	11.2500	0.0000	89.7217	0.0000
2017-02-21 07:45:00	0.0000	825.2498	0.0000	11.2500	0.0000	89.7217	0.0000
2017-02-21 08:00:00	0.0000	667.9420	0.0000	11.2500	0.0000	82.9239	0.0000
2017-02-21 08:15:00	0.0000	586.1760	0.0000	11.2500	0.0000	74.6155	0.0000
2017-02-21 08:30:00	0.0000	536.9166	0.0000	11.0692	0.0000	74.6155	0.0000
2017-02-21 08:45:00	0.0000	409.4626	0.0000	8.2861	0.0000	62.4466	0.0000
2017-02-21 09:00:00	0.0000	373.8287	0.0000	6.2039	0.0000	59.5093	0.0000
2017-02-21 09:15:00	0.0000	350.6836	0.0000	5.0120	0.0000	59.5093	0.0000
2017-02-21 09:30:00	0.0000	350.6836	0.0000	3.9192	0.0000	56.8919	0.0000
2017-02-21 09:45:00	0.0000	341.3153	0.0000	3.1774	0.0000	44.3115	0.0000
2017-02-21 10:00:00	0.0000	317.6191	0.0000	2.7412	0.0000	44.3115	0.0000
2017-02-21 10:15:00	0.0000	296.8687	0.0000	2.3334	0.0000	30.7159	0.0000
2017-02-21 10:30:00	0.0000	283.3523	0.0000	2.1992	0.0000	29.2053	0.0000
2017-02-21 10:45:00	0.0000	283.3523	0.0000	1.8962	0.0000	23.4985	0.0000
2017-02-21 11:00:00	0.0000	256.5334	0.0000	1.8181	0.0000	14.0991	0.0000
2017-02-21 11:15:00	0.0000	250.2879	0.0000	1.8661	0.0000	14.0991	0.0000
2017-02-21 11:30:00	0.0000	250.2879	0.0000	1.9321	0.0000	14.0991	0.0000
2017-02-21 11:45:00	0.0000	250.2879	0.0000	1.9502	0.0000	14.0991	0.0000
2017-02-21 12:00:00	0.0000	227.1370	0.0000 0.0000	1.8577 1.8360	0.0000 0.0000	14.0991 14.0991	0.0000 0.0000
2017-02-21 12:15:00 2017-02-21 12:30:00	0.0000 0.0000	217.4238 217.4238	0.0000	1.6575	0.0000	14.0991	0.0000
2017-02-21 12:30:00	0.0000	217.4238	0.0000	1.5857	0.0000	14.0991	0.0000
2017-02-21 12:43:00	0.0000	217.4238	0.0000	1.4212	0.0000	14.0991	0.0000
2017-02-21 13:05:00	0.0000	217.4238	0.0000	1.2661	0.0000	14.0991	0.0000
2017-02-21 13:13:00	0.0000	217.4238	0.0000	1.1486	0.0000	14.0991	0.0000
2017-02-21 13:45:00	0.0000	217.4238	0.0000	1.1055	0.0000	14.0991	0.0000
2017-02-21 14:00:00	0.0000	217.4238	0.0000	1.0262	0.0000	14.0991	0.0000
2017-02-21 14:15:00	0.0000	230.5329	0.0000	0.9901	0.0000	14.0991	0.0000
2017-02-21 14:30:00	0.0000	250.2879	0.0000	0.9342	0.0000	14.0991	0.0000
2017-02-21 14:45:00	0.0000	250.2879	0.0000	0.8700	0.0000	14.0991	0.0000
2017-02-21 15:00:00	0.0000	250.2879	0.0000	0.8650	0.0000	14.0991	0.0000
2017-02-21 15:15:00	0.0000	250.2879	0.0000	0.7546	0.0000	14.0991	0.0000
2017-02-21 15:30:00	0.0000	250.2879	0.0000	0.7546	0.0000	14.0991	0.0000
2017-02-21 15:45:00	0.0000	250.2879	0.0000	0.6885	0.0000	14.0991	0.0000
2017-02-21 16:00:00	0.0000	250.2879	0.0000	0.6400	0.0000	14.0991	0.0000
2017-02-21 16:15:00	0.0000	250.2879	0.0000	0.5575	0.0000	14.0991	0.0000
2017-02-21 16:30:00	0.0000	250.2879	0.0000	0.5273	0.0000	14.0991	0.0000
2017-02-21 16:45:00	0.0000	250.2879	0.0000	0.4993	0.0000	14.0991	0.0000
2017-02-21 17:00:00	0.0000	250.2879	0.0000	0.4147	0.0000	14.0991	0.0000
2017-02-21 17:15:00	0.0000	250.2879	0.0000	0.4147	0.0000	14.0991	0.0000
2017-02-21 17:30:00	0.0000	250.2879	0.0000	0.3434	0.0000	14.0991	0.0000
2017-02-21 17:45:00	0.0000	247.6223	0.0000	0.4539	0.0000	14.0991	0.0000
2017-02-21 18:00:00	0.0000	217.4238	0.0000	0.3498	0.0000	14.0991	0.0000
2017-02-21 18:15:00	0.0000	217.4238	0.0000	0.3358	0.0000	14.0991	0.0000
2017-02-21 18:30:00	0.0000	217.4238	0.0000	0.3358	0.0000	14.0991	0.0000
2017-02-21 18:45:00	0.0000	217.4238	0.0000	0.3358	0.0000	14.0991	0.0000
2017-02-21 19:00:00	0.0000	215.6604	0.0000	0.3358	0.0000	14.0991	0.0000
2017-02-21 19:15:00	0.0000	184.3594	0.0000	0.5283	0.0000	14.0991	0.0000
2017-02-21 19:30:00	0.0000	168.2680	0.0000	10.1832	0.0000	14.0991	0.0000
2017-02-21 19:45:00	0.0000	652.7177	0.0000	2.5228	0.0000	14.0991	0.0000
2017-02-21 20:00:00	10.1448	58.8681	0.5972	0.2814	0.0029	14.0991	0.2775
2017-02-21 20:15:00	13.6011	56.7105	0.7713	0.1648	0.0022	14.0991	0.3720
2017-02-21 20:30:00	16.3634	56.7105	0.9280	0.2123	0.0035	14.0991	0.4476
2017-02-21 20:45:00	19.3500	57.5811	1.1142	0.1447	0.0028	14.0991	0.5293
2017-02-21 21:00:00	19.4202	60.0036	1.1653	0.2168	0.0042	14.0991	0.5312
2017-02-21 21:15:00	19.4987	56.7105	1.1058	0.1711	0.0033	14.0991	0.5333
2017-02-21 21:30:00	19.3259	56.7105	1.0960	0.1690	0.0033	14.0991	0.5286

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Эx	NH3		N.	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-02-21 21:45:00	19.7325	56.7105	1.1190	0.1497	0.0030	14.0991	0.5397	
2017-02-21 22:00:00	19.7742	56.7105	1.1214	0.1752	0.0035	14.0991	0.5409	
2017-02-21 22:15:00	19.8195	56.7105	1.1240	0.1504	0.0030	14.0991	0.5421	
2017-02-21 22:30:00	19.8784	56.7105	1.1273	0.1340	0.0027	14.0991	0.5437	
2017-02-21 22:45:00	19.7178	43.9256	0.8661	0.1815	0.0036	14.0991	0.5393	
2017-02-21 23:00:00	21.3231	23.6461	0.5042	0.1553	0.0033	14.0991	0.5832	
2017-02-21 23:15:00	25.9965	23.6461	0.6147	0.1326	0.0034	14.0991	0.7111	
2017-02-21 23:30:00	27.9669	23.6461	0.6613	0.1629	0.0046	14.0991	0.7650	
2017-02-21 23:45:00	28.1236	23.6461	0.6650	0.1664	0.0047	14.0991	0.7692	
2017-02-22 00:00:00	28.1067	89.4101	2.5130	0.1854	0.0052	14.0991	0.7688	
2017-02-22 00:15:00	28.1883	231.6516	6.5299	0.1854	0.0052	14.0991	0.7710	
2017-02-22 00:30:00	28.1444	231.6516	6.5197	0.1854	0.0052	14.0991	0.7698	
2017-02-22 00:45:00	28.2497	75.3527	2.1287	0.1854	0.0052	14.0991	0.7727	
2017-02-22 01:00:00	28.2221	37.8738	1.0689	0.1854	0.0052 0.0052	14.0991 14.0991	0.7719	
2017-02-22 01:15:00	28.2578	37.8738	1.0702 1.0797	0.1854 0.0876		14.0991	0.7729	
2017-02-22 01:30:00	28.5082	37.8738			0.0025 0.0586		0.7798	
2017-02-22 01:45:00 2017-02-22 02:00:00	23.0784	106.3544 2104.8687	2.4545	2.5372 11.2500	0.0000	133.6535	5.9840 0.0000	
	0.0000	0.0000	0.0000 0.0000	11.2500	0.0000	277.3007 314.2374	0.0000	
2017-02-22 02:15:00 2017-02-22 02:30:00	0.0000							
2017-02-22 02:30:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	1.2405 1.0304	0.0000 0.0000	251.3292 188.3394	0.0000	
2017-02-22 02:45:00 2017-02-22 03:00:00	0.0000	0.0000	0.0000	0.8385	0.0000	188.3394 82.8613	0.0000	
2017-02-22 03:00:00	0.0000	0.0000	0.0000	0.8385	0.0000	52.8839	0.0000	
2017-02-22 03:15:00	0.0000	0.0000	0.0000	2.1343	0.0000	34.5886	0.0000	
2017-02-22 03:30:00	0.0000	3243.6269	0.0000	11.2471	0.0000	30.7617	0.0000	
2017-02-22 03:45:00	0.0000	2909.7222	0.0000	11.2500	0.0000	30.7617	0.0000	
2017-02-22 04:05:00	0.0000	2504.2157	0.0000	11.2500	0.0000	30.7617	0.0000	
2017-02-22 04:30:00	0.0000	2147.7411	0.0000	11.2500	0.0000	30.7617	0.0000	
2017-02-22 04:45:00	0.0000	1836.4118	0.0000	11.2500	0.0000	30.7617	0.0000	
2017-02-22 05:00:00	0.0000	1575.5012	0.0000	11.2500	0.0000	30.7617	0.0000	
2017-02-22 05:15:00	0.0000	1331.9544	0.0000	11.2500	0.0000	30.7617	0.0000	
2017-02-22 05:30:00	0.0000	1129.7088	0.0000	9.5102	0.0000	30.7617	0.0000	
2017-02-22 05:45:00	0.0000	962.6944	0.0000	5.5802	0.0000	30.7617	0.0000	
2017-02-22 06:00:00	0.0000	828.6987	0.0000	3.6776	0.0000	30.7617	0.0000	
2017-02-22 06:15:00	0.0000	718.8413	0.0000	2.2711	0.0000	30.7617	0.0000	
2017-02-22 06:30:00	0.0000	627.5290	0.0000	1.5741	0.0000	30.7617	0.0000	
2017-02-22 06:45:00	0.0000	555.6511	0.0000	0.9415	0.0000	30.7617	0.0000	
2017-02-22 07:00:00	0.0000	492.4889	0.0000	0.6084	0.0000	30.7617	0.0000	
2017-02-22 07:15:00	0.0000	439.7372	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 07:30:00	0.0000	395.9819	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 07:45:00	0.0000	350.4632	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 08:00:00	0.0000	318.1335	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 08:15:00	0.0000	293.3719	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 08:30:00	0.0000	260.6381	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 08:45:00	0.0000	245.3917	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 09:00:00	0.0000	227.2430	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 09:15:00	0.0000	220.7770	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 09:30:00	0.0000	194.1785	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 09:45:00	0.0000	194.1785	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 10:00:00	0.0000	194.1785	0.0000	0.4868	0.0000	30.7617	0.0000	
2017-02-22 10:15:00	0.0000	194.1785	0.0000	0.4868	0.0000	22.1328	0.0000	
2017-02-22 10:30:00	0.0000	194.1785	0.0000	0.4868	0.0000	15.5640	0.0000	
2017-02-22 10:45:00	0.0000	194.1785	0.0000	0.4868	0.0000	15.5640	0.0000	
2017-02-22 11:00:00	0.0000	194.1785	0.0000	0.4868	0.0000	15.5640	0.0000	
2017-02-22 11:15:00	0.0000	194.1785	0.0000	0.4868	0.0000	15.5640	0.0000	
2017-02-22 11:30:00	0.0000	194.1785	0.0000	0.4868	0.0000	15.5640	0.0000	
2017-02-22 11:45:00	0.0000	194.1785	0.0000	0.4868	0.0000	15.5640	0.0000	
2017-02-22 12:00:00	0.0000	194.1785	0.0000	0.4868	0.0000	15.5640	0.0000	
2017-02-22 12:15:00	0.0000	167.3228	0.0000	0.4868	0.0000	15.5640	0.0000	
2017-02-22 12:30:00	0.0000	161.1141	0.0000	0.6366	0.0000	15.5640	0.0000	
2017-02-22 12:45:00	0.0000	161.1141	0.0000	1.4912	0.0000	15.5640	0.0000	
2017-02-22 13:00:00	0.0000	142.9286	0.0000	1.8825	0.0000	15.5640	0.0000	
2017-02-22 13:15:00	0.0000	128.0496	0.0000	1.6631	0.0000	15.5640	0.0000	
2017-02-22 13:30:00	0.0000	128.0496	0.0000	1.1572	0.0000	15.5640	0.0000	
2017-02-22 13:45:00	0.0000	128.0496	0.0000	0.7966	0.0000	5.9128	0.0000	
2017-02-22 14:00:00	0.0000	128.0496	0.0000	0.6117	0.0000	0.4578	0.0000	
2017-02-22 14:15:00	0.0000	128.0496	0.0000	0.4320	0.0000	0.4578	0.0000	
2017-02-22 14:30:00	0.0000	128.0496	0.0000	0.3907	0.0000	0.4578	0.0000	
2017-02-22 14:45:00	0.0000	128.0496	0.0000	0.3907	0.0000	0.4578	0.0000	
2017-02-22 15:00:00	0.0000	128.0496	0.0000	0.3907	0.0000	0.4578	0.0000	
2017-02-22 15:15:00	0.0000	160.1956	0.0000	0.2766	0.0000	0.4578	0.0000	
2017-02-22 15:30:00	0.0000	161.1141	0.0000	0.2470	0.0000	0.4578	0.0000	
2017-02-22 15:45:00	0.0000	161.1141	0.0000	0.1614	0.0000	0.4578	0.0000	
<u> </u>								
2017-02-22 16:00:00	0.0000	161.1141	0.0000 0.0000	0.1614	0.0000	0.4578	0.0000 0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-22 16:30:00	0.0000	161.1141	0.0000	0.1614	0.0000	0.4578	0.0000
2017-02-22 16:45:00	0.0000	161.1141	0.0000	0.1614	0.0000	0.4578	0.0000
2017-02-22 17:00:00	0.0000	161.1141	0.0000	0.2748	0.0000	0.4578	0.0000
2017-02-22 17:15:00	0.0000	161.1141	0.0000	0.2767	0.0000	0.4578	0.0000
2017-02-22 17:30:00	0.0000	161.1141	0.0000	0.2767	0.0000	0.4578	0.0000
2017-02-22 17:45:00	0.0000	161.1141	0.0000	0.3443	0.0000	0.4578	0.0000
2017-02-22 18:00:00	0.0000	161.1141	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 18:15:00	0.0000	161.1141	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 18:30:00	0.0000	161.1141	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 18:45:00	0.0000	170.6660	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 19:00:00	0.0000	182.1284	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 19:15:00	0.0000	161.3145	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 19:30:00	0.0000	161.3145	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 19:45:00	0.0000	161.3145	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 20:00:00	0.0000	161.3145	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 20:15:00	0.0000	161.3145	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 20:30:00	0.0000	161.3145	0.0000	0.3893	0.0000	0.4578	0.0000
2017-02-22 20:45:00 2017-02-22 21:00:00	0.0000	161.3145	0.0000	0.3893	0.0000	0.4578	0.0000 0.0000
2017-02-22 21:00:00	0.0000	161.3145	0.0000	0.3893 0.3893	0.0000 0.0000	0.4578	
2017-02-22 21:13:00	0.0000 0.0000	161.3145 400.6833	0.0000 0.0000	0.3893	0.0000	0.4578 0.4578	0.0000 0.0000
2017-02-22 21:30:00	0.2887		0.0000	0.3893			
2017-02-22 21:45:00	13.1811	67.1941 63.3234	0.0194	0.4844	0.0001 0.0066	0.4578 0.4578	0.0003 0.0117
2017-02-22 22:00:00	17.5038	63.3234	1.1084	0.3941	0.0069	0.4578	0.0117
2017-02-22 22:13:00	19.6123	63.3234	1.1084	0.3363	0.0069	0.4578	0.0155
2017-02-22 22:45:00	19.7311	47.1953	0.9312	0.2534	0.0050	0.4578	0.0175
2017-02-22 23:00:00	19.5952	30.2590	0.5929	0.2534	0.0050	0.4578	0.0174
2017-02-22 23:15:00	19.7117	30.2590	0.5965	0.3447	0.0068	0.4578	0.0175
2017-02-22 23:30:00	24.1610	30.2590	0.7311	0.2044	0.0049	0.4578	0.0215
2017-02-22 23:45:00	28.8287	30.2590	0.8723	0.1387	0.0040	0.4578	0.0256
2017-02-23 00:00:00	29.7872	30.2590	0.9013	0.1387	0.0041	0.4578	0.0265
2017-02-23 00:15:00	29.7239	351.6192	10.4515	0.1387	0.0041	0.4578	0.0264
2017-02-23 00:30:00	29.7143	514.8035	15.2971	0.1387	0.0041	0.4578	0.0264
2017-02-23 00:45:00	29.7243	406.2969	12.0769	0.1387	0.0041	0.4578	0.0264
2017-02-23 01:00:00	29.7873	71.6027	2.1329	0.1387	0.0041	0.4578	0.0265
2017-02-23 01:15:00	29.8033	46.0932	1.3737	0.1387	0.0041	0.4578	0.0265
2017-02-23 01:30:00	29.9549	34.6676	1.0385	0.1387	0.0042	0.4578	0.0266
2017-02-23 01:45:00	25.6006	335.1433	8.5799	1.2499	0.0320	276.3997	13.7274
2017-02-23 02:00:00	0.0783	2612.9081	0.2047	7.1613	0.0006	120.2764	0.0183
2017-02-23 02:15:00	0.0000	0.0000	0.0000	0.6873	0.0000	102.0675	0.0000
2017-02-23 02:30:00	0.0000	0.0000	0.0000	0.5922	0.0000	43.6234	0.0000
2017-02-23 02:45:00	0.0000	0.0000	0.0000	0.4614	0.0000	19.7556	0.0000
2017-02-23 03:00:00	0.0000	0.0000	0.0000	7.2950	0.0000	17.1204	0.0000
2017-02-23 03:15:00	0.0000	2965.7685	0.0000	11.1662	0.0000	17.1204	0.0000
2017-02-23 03:30:00	0.0000	2622.1445	0.0000	1.9205	0.0000	37.5658	0.0000
2017-02-23 03:45:00	9.3656	259.0519	2.4262	2.9785	0.0279	37.9853	0.6902
2017-02-23 04:00:00	16.2233	92.8710	1.5067	2.1827	0.0354	8.0566	0.2536
2017-02-23 04:15:00	2.8659	90.7770	0.2602	4.7782	0.0137	8.0566	0.0448
2017-02-23 04:30:00	0.0000	90.7770	0.0000	10.9418	0.0000	8.0566	0.0000
2017-02-23 04:45:00	0.0000	58.3371	0.0000	11.2500	0.0000	8.0566	0.0000
2017-02-23 05:00:00	0.0000	57.7125	0.0000	11.2500	0.0000	8.0566	0.0000
2017-02-23 05:15:00	0.0000	57.7125	0.0000	11.2500	0.0000	8.0566	0.0000
2017-02-23 05:30:00	0.0000	57.7125	0.0000	6.1954	0.0000	8.0566	0.0000
2017-02-23 05:45:00	0.0000	57.7125	0.0000	4.5462	0.0000	8.0566	0.0000
2017-02-23 06:00:00	0.0000	57.7125	0.0000	4.0788	0.0000	8.0566	0.0000
2017-02-23 06:15:00	0.0000	57.7125	0.0000	3.8623	0.0000	8.0566	0.0000
2017-02-23 06:30:00	0.0000	57.7125	0.0000	2.0006	0.0000	8.0566	0.0000
2017-02-23 06:45:00	0.0000	57.7125	0.0000	1.4482	0.0000	8.0566	0.0000
2017-02-23 07:00:00	0.0000	57.7125	0.0000	1.0888	0.0000	8.0566	0.0000
2017-02-23 07:15:00	0.0000	57.7125	0.0000	0.8285	0.0000	8.0566	0.0000
2017-02-23 07:30:00	0.0000	57.7125	0.0000	0.6404	0.0000	8.0566	0.0000
2017-02-23 07:45:00	0.0000	57.7125	0.0000	0.5514	0.0000	8.0566	0.0000
2017-02-23 08:00:00	0.0000	57.7125	0.0000	0.5514	0.0000	8.0566	0.0000
2017-02-23 08:15:00	0.0000	57.7125	0.0000	0.4574	0.0000	8.0566	0.0000
2017-02-23 08:30:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 08:45:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 09:00:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 09:15:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 09:30:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 09:45:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 10:00:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 10:15:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 10:30:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 10:45:00 2017-02-23 11:00:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-23 11:15:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 11:30:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 11:45:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 12:00:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 12:15:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 12:30:00	0.0000	57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 12:45:00	0.0000	57.7125	0.0000	0.4374 0.4374	0.0000	8.0566	0.0000
2017-02-23 13:00:00 2017-02-23 13:15:00	0.0000 0.0000	57.7125 57.7125	0.0000 0.0000	0.4374	0.0000 0.0000	8.0566 8.0566	0.0000 0.0000
2017-02-23 13:15:00	0.0000	57.7125 57.7125	0.0000	0.4374	0.0000	8.0566	0.0000
2017-02-23 13:35:00	0.0000	57.7125 57.7125	0.0000	0.3671	0.0000	8.0566	0.0000
2017-02-23 14:00:00	0.0000	57.7125	0.0000	0.3248	0.0000	8.0566	0.0000
2017-02-23 14:15:00	0.0000	57.7125	0.0000	0.3248	0.0000	8.0566	0.0000
2017-02-23 14:13:00	0.0000	57.7125	0.0000	0.3248	0.0000	8.0566	0.0000
2017-02-23 14:45:00	0.0000	57.7125	0.0000	0.3248	0.0000	8.0566	0.0000
2017-02-23 15:00:00	0.0000	57.7125	0.0000	0.3248	0.0000	8.0566	0.0000
2017-02-23 15:15:00	0.0000	57.7125	0.0000	0.3248	0.0000	8.0566	0.0000
2017-02-23 15:30:00	0.0000	57.7125	0.0000	0.3248	0.0000	8.0566	0.0000
2017-02-23 15:45:00	0.0000	57.7125	0.0000	0.3248	0.0000	8.0566	0.0000
2017-02-23 16:00:00	0.0000	57.7125	0.0000	0.3248	0.0000	8.0566	0.0000
2017-02-23 16:05:00	0.0000	57.7125	0.0000	0.2756	0.0000	8.0566	0.0000
2017-02-23 16:30:00	0.0000	57.7125	0.0000	0.2115	0.0000	8.0566	0.0000
2017-02-23 16:45:00	0.0000	57.7125	0.0000	0.2115	0.0000	8.0566	0.0000
2017-02-23 17:00:00	0.0000	57.7125	0.0000	0.2115	0.0000	8.0566	0.0000
2017-02-23 17:15:00	0.0000	85.1193	0.0000	0.2115	0.0000	8.0566	0.0000
2017-02-23 17:30:00	0.0000	90.7770	0.0000	0.2115	0.0000	8.0566	0.0000
2017-02-23 17:45:00	0.1147	90.7770	0.0104	0.2115	0.0000	8.0566	0.0018
2017-02-23 18:00:00	9.7187	90.7770	0.8822	0.2115	0.0021	8.0566	0.1519
2017-02-23 18:15:00	12.1120	93.5089	1.1326	0.1874	0.0023	8.0566	0.1893
2017-02-23 18:30:00	10.2675	590.7108	6.0651	0.2289	0.0024	8.0566	0.1605
2017-02-23 18:45:00	15.1973	135.3692	2.0573	0.4050	0.0062	8.0566	0.2375
2017-02-23 19:00:00	17.5139	104.5496	1.8311	0.2950	0.0052	8.0566	0.2737
2017-02-23 19:15:00	19.7976	111.5374	2.2082	0.2339	0.0046	8.0566	0.3094
2017-02-23 19:30:00	19.8200	85.0458	1.6856	0.1650	0.0033	8.0566	0.3098
2017-02-23 19:45:00	19.9031	73.1426	1.4558	0.1373	0.0027	8.0566	0.3111
2017-02-23 20:00:00	20.0457	73.1426	1.4662	0.1373	0.0028	8.0566	0.3133
2017-02-23 20:15:00	19.7053	73.1426	1.4413	0.1373	0.0027	8.0566	0.3080
2017-02-23 20:30:00	19.7711	40.9598	0.8098	0.1373	0.0027	8.0566	0.3090
2017-02-23 20:45:00	19.6940	40.0781	0.7893	0.1373	0.0027	8.0566	0.3078
2017-02-23 21:00:00	21.5284	40.0781	0.8628	0.1914	0.0041	8.0566	0.3365
2017-02-23 21:15:00	25.2131	40.0781	1.0105	0.1387	0.0035	8.0566	0.3941
2017-02-23 21:30:00	28.4481	40.0781	1.1401	2.6682	0.0759	8.0566	0.4446
2017-02-23 21:45:00	28.6715	40.0781	1.1491	0.5423	0.0155	8.0566	0.4481
2017-02-23 22:00:00	28.3986	580.3646	16.4815	0.3517	0.0100	8.0566	0.4439
2017-02-23 22:15:00	28.7830	698.5617	20.1067	1.9119	0.0550	8.0566	0.4499
2017-02-23 22:30:00	28.7699	310.7279	8.9396	1.5754	0.0453	8.0566	0.4497
2017-02-23 22:45:00	28.7516	65.4943	1.8831	0.2985	0.0086	8.0566	0.4494
2017-02-23 23:00:00	28.9180	77.1838	2.2320	0.2190	0.0063	8.0566	0.4520
2017-02-23 23:15:00	29.0945	48.8953	1.4226	0.2190	0.0064	8.0566	0.4547
2017-02-23 23:30:00	27.2741	134.0224	3.6553	0.2190	0.0060	192.3645	10.1783
2017-02-23 23:45:00	9.4973	2304.9197	21.8904	2.2386	0.0213	72.6796	1.3391
2017-02-24 00:00:00	0.0000	1858.5729	0.0000	10.9983	0.0000	27.1072	0.0000
2017-02-24 00:15:00	0.0000	1283.8471	0.0000	11.2500	0.0000	37.5137	0.0000
2017-02-24 00:30:00	0.0000	1382.4593	0.0000	11.2500	0.0000	39.0244	0.0000
2017-02-24 00:45:00	0.0000	1192.7105	0.0000	11.2500	0.0000	23.3307	0.0000
2017-02-24 01:00:00	0.0000	1019.1589	0.0000	11.2500	0.0000	9.0637	0.0000
2017-02-24 01:15:00	0.0000	861.7064	0.0000	10.6130	0.0000	9.0637	0.0000
2017-02-24 01:30:00	0.0000	1491.0643	0.0000	2.1285	0.0000	69.6111	0.0000
2017-02-24 01:45:00	11.4834	272.5023	3.1293	2.7065	0.0311	23.6313	0.5265
2017-02-24 02:00:00	17.2984	160.2323	2.7718	2.0773	0.0359	4.0283	0.1352
2017-02-24 02:15:00	19.8531	126.9074	2.5195	0.9784	0.0194	4.0283	0.1552
2017-02-24 02:30:00	20.2022	111.3504	2.2495	0.5767	0.0116	4.0283	0.1579
2017-02-24 02:45:00	23.1408	90.2259	2.0879	0.3892	0.0090	4.0283	0.1808
2017-02-24 03:00:00	27.9481	119.4328	3.3379	0.1820	0.0051	4.0283	0.2184
2017-02-24 03:15:00	28.7259	101.2841	2.9095	0.1586	0.0046	4.0283	0.2245
2017-02-24 03:30:00	28.6874	535.4812	15.3616	0.1081	0.0031	4.0283	0.2242
2017-02-24 03:45:00	28.7362	864.3983	24.8395	0.0433	0.0012	4.0283	0.2246
2017-02-24 04:00:00	28.5474	695.2473	19.8475	0.0433	0.0012	4.0283	0.2231
2017-02-24 04:15:00	28.8204	129.0683	3.7198	0.0433	0.0012	4.0283	0.2252
2017-02-24 04:30:00	28.6990	223.4122	6.4117	0.0433	0.0012	4.0283	0.2243
2017-02-24 04:45:00	29.0803	172.5697	5.0184	0.0433	0.0013	4.0283	0.2273
2017-02-24 05:00:00	26.9558	196.1526	5.2874	0.0746	0.0020	193.6181	10.1251
2017-02-24 05:15:00	29.2400	1676.1565	49.0108	0.2456	0.0072	67.1893	3.8114
2017-02-24 05:30:00	29.5756	372.4763	11.0162	0.6144	0.0182	28.6346	1.6430
2017-02-24 05:45:00	30.1378	114.9140	3.4633	1.1111	0.0335	23.1628	1.3543

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate	N		NH3		N.	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-02-24 06:00:00	30.0664	118.2890	3.5565	1.9247	0.0579	23.1628	1.3511	
2017-02-24 06:15:00	29.7240	45.2582	1.3453	2.2401	0.0666	23.1628	1.3357	
2017-02-24 06:30:00	29.8140	35.6695	1.0635	2.8562	0.0852	23.1628	1.3397	
2017-02-24 06:45:00	29.7761	35.6695	1.0621	3.9699	0.1182	23.1628	1.3380	
2017-02-24 07:00:00	29.8257	35.6695	1.0639	3.5669	0.1064	23.1628	1.3402	
2017-02-24 07:15:00	29.8788	35.6695	1.0658	2.4052	0.0719	23.1628	1.3426	
2017-02-24 07:30:00	30.0982	35.6695	1.0736	1.5423	0.0464	23.1628	1.3525	
2017-02-24 07:45:00	30.0281	53.7815	1.6150	1.3822	0.0415	23.1628	1.3493	
2017-02-24 08:00:00	29.9506	101.7984	3.0489	1.2148	0.0364	23.1628	1.3459	
2017-02-24 08:15:00	29.6489	101.7984	3.0182	1.0665	0.0316	23.1628	1.3323	
2017-02-24 08:30:00	29.6288	101.7984	3.0162	0.9579	0.0284	23.1628	1.3314	
2017-02-24 08:45:00	29.5324	101.7984	3.0064	1.0744	0.0317	23.1628	1.3271	
2017-02-24 09:00:00	29.7637	121.5930	3.6191	0.7943	0.0236	23.1628	1.3375	
2017-02-24 09:15:00 2017-02-24 09:30:00	30.2388 30.1864	141.4758 122.4454	4.2781 3.6962	0.7883 0.7883	0.0238 0.0238	23.1628 23.1628	1.3588	
2017-02-24 09:30:00	30.3607	108.4113	3.2914	0.7442	0.0238	23.1628	1.3565 1.3643	
2017-02-24 09:45:00	30.6040	108.4113	3.3178	0.7442	0.0226	23.1628	1.3752	
2017-02-24 10:00:00	30.7063	108.4113	3.3289	0.8650	0.0274	23.1628	1.3798	
2017-02-24 10:13:00	30.9477	159.8703	4.9476	2.3285	0.0200	23.1628	1.3798	
2017-02-24 10:30:00	31.0842	101.7664	3.1633	10.7262	0.3334	23.1628	1.3968	
2017-02-24 10:45:00	31.0842	97.3898	3.0273	7.2316	0.3334	23.1628	1.3968	
2017-02-24 11:00:00	31.1000	97.3898	3.0288	3.1546	0.0981	23.1628	1.3975	
2017-02-24 11:13:00	31.1740	97.3898	3.0360	2.4199	0.0754	23.1628	1.4008	
2017-02-24 11:45:00	31.4296	97.3898	3.0609	1.4354	0.0451	23.1628	1.4123	
2017-02-24 12:00:00	32.0846	97.3898	3.1247	2.6524	0.0451	23.1628	1.4417	
2017-02-24 12:15:00	32.3241	97.3898	3.1480	2.3151	0.0748	23.1628	1.4525	
2017-02-24 12:30:00	32.5717	97.3898	3.1722	2.0371	0.0664	23.1628	1.4636	
2017-02-24 12:45:00	32.8265	97.3898	3.1970	2.4746	0.0812	23.1628	1.4751	
2017-02-24 13:00:00	33.0877	97.3898	3.2224	2.9145	0.0964	23.1628	1.4868	
2017-02-24 13:15:00	32.7829	97.3898	3.1927	2.6072	0.0855	23.1628	1.4731	
2017-02-24 13:30:00	32.5690	97.3898	3.1719	1.6115	0.0525	23.1628	1.4635	
2017-02-24 13:45:00	33.0785	97.3898	3.2215	2.4583	0.0813	23.1628	1.4864	
2017-02-24 14:00:00	33.0084	97.3898	3.2147	5.5019	0.1816	23.1628	1.4833	
2017-02-24 14:15:00	33.5678	97.3898	3.2692	6.1507	0.2065	23.1628	1.5084	
2017-02-24 14:30:00	33.9767	97.3898	3.3090	5.9962	0.2037	23.1628	1.5268	
2017-02-24 14:45:00	34.4750	97.3898	3.3575	1.9080	0.0658	23.1628	1.5492	
2017-02-24 15:00:00	34.8493	97.3898	3.3940	2.3610	0.0823	23.1628	1.5660	
2017-02-24 15:15:00	35.0162	97.3898	3.4102	1.6234	0.0568	23.1628	1.5735	
2017-02-24 15:30:00	35.0655	97.3898	3.4150	2.2089	0.0775	23.1628	1.5757	
2017-02-24 15:45:00	35.3062	97.3898	3.4385	2.3830	0.0841	23.1628	1.5865	
2017-02-24 16:00:00	35.0939	97.3898	3.4178	1.6820	0.0590	23.1628	1.5770	
2017-02-24 16:15:00	35.1987	97.3898	3.4280	1.3237	0.0466	23.1628	1.5817	
2017-02-24 16:30:00	35.2470	97.3898	3.4327	2.2579	0.0796	23.1628	1.5839	
2017-02-24 16:45:00	35.4205	97.3898	3.4496	3.2217	0.1141	23.1628	1.5917	
2017-02-24 17:00:00	35.3748	97.3898	3.4451	1.0225	0.0362	23.1628	1.5896	
2017-02-24 17:15:00	35.6994	97.3898	3.4768	0.4414	0.0158	23.1628	1.6042	
2017-02-24 17:30:00	35.2943	97.3898	3.4373	0.3575	0.0126	23.1628	1.5860	
2017-02-24 17:45:00	35.0158	97.3898	3.4102	0.5171	0.0181	23.1628	1.5735	
2017-02-24 18:00:00	35.0571	97.3898	3.4142	1.0564	0.0370	23.1628	1.5753	
2017-02-24 18:15:00	35.1194	97.3898	3.4203	2.0326	0.0714	23.1628	1.5781	
2017-02-24 18:30:00	34.9675	97.3898	3.4055	2.3334	0.0816	27.5604	1.8696	
2017-02-24 18:45:00	35.0957	76.9266	2.6998	1.9920	0.0699	38.2690	2.6056	
2017-02-24 19:00:00	35.2317	64.3254	2.2663	1.1588	0.0408	38.2690	2.6157	
2017-02-24 19:15:00	34.9464	64.3254	2.2479	0.7170	0.0251	38.2690	2.5945	
2017-02-24 19:30:00	34.8656	64.3254	2.2427	0.6915	0.0241	38.2690	2.5885	
2017-02-24 19:45:00	34.6452	64.3254	2.2286	0.9676	0.0335	38.2690	2.5721	
2017-02-24 20:00:00	34.6683	64.3254	2.2301	1.4765	0.0512	38.2690	2.5738	
2017-02-24 20:15:00	34.5445	64.3254	2.2221	1.1656	0.0403	38.2690	2.5647	
2017-02-24 20:30:00	34.6066	64.3254	2.2261	1.2656	0.0438	38.2690	2.5693	
2017-02-24 20:45:00	34.6623	64.3254	2.2297	1.4004	0.0485	38.2690	2.5734	
2017-02-24 21:00:00	34.6870	64.3254	2.2313	1.1018	0.0382	38.2690	2.5752	
2017-02-24 21:15:00	35.1757	64.3254	2.2627	1.1365	0.0400	38.2690	2.6115	
2017-02-24 21:30:00	34.8111	64.3254	2.2392	0.7826	0.0272	38.2690	2.5844	
2017-02-24 21:45:00	35.1161	64.3254	2.2589	0.4126	0.0145	38.2690	2.6071	
2017-02-24 22:00:00	34.8425	64.3254	2.2413	0.3010	0.0105	38.2690	2.5868	
2017-02-24 22:15:00	35.5086	64.3254	2.2841	0.2664	0.0095	38.2690	2.6362	
2017-02-24 22:30:00	35.5628	77.2205	2.7462	0.2664	0.0095	38.2690	2.6403	
2017-02-24 22:45:00	35.6493	97.3898	3.4719	0.2664	0.0095	38.2690	2.6467	
2017-02-24 23:00:00	35.3392	97.3898	3.4417	0.2664	0.0094	38.2690	2.6236	
2017-02-24 23:15:00	34.7055	97.3898	3.3800	0.2627	0.0091	38.2690	2.5766	
2017-02-24 23:30:00	34.7046	97.3898	3.3799	0.2016	0.0070	38.2690	2.5765	
2017-02-24 23:45:00	34.5594	101.1029	3.4941	0.5567	0.0192	38.2690	2.5658	
2017-02-25 00:00:00	34.6216	94.7055	3.2789	1.8067	0.0626	38.2690	2.5704	
2047 02 25 02 :								
2017-02-25 00:15:00 2017-02-25 00:30:00	34.5165 34.7280	87.3703 87.3703	3.0157 3.0342	2.9487 1.2579	0.1018 0.0437	38.2690 38.2690	2.5626 2.5783	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-25 00:45:00	34.6940	87.3703	3.0312	1.5289	0.0530	38.2690	2.5758
2017-02-25 01:00:00	34.4142	87.3703	3.0068	0.6380	0.0220	38.2690	2.5550
2017-02-25 01:15:00	34.4292	87.3703	3.0081	0.2605	0.0090	38.2690	2.5561
2017-02-25 01:30:00	34.5821	87.3703	3.0215	0.2341	0.0081	38.2690	2.5674
2017-02-25 01:45:00	34.7081	87.3703	3.0325	0.2341	0.0081	38.2690	2.5768
2017-02-25 02:00:00	34.6691	87.3703	3.0290	0.2034	0.0071	38.2690	2.5739
2017-02-25 02:15:00	34.8309	87.3703	3.0432	0.1838	0.0064	38.2690	2.5859
2017-02-25 02:30:00	34.7116	87.3703	3.0328	0.1773	0.0062	38.2690	2.5771
2017-02-25 02:45:00	35.1312	87.3703	3.0694	0.2101	0.0074	38.2690	2.6082
2017-02-25 03:00:00	35.3891	87.3703	3.0920	0.2698	0.0095	38.2690	2.6274
2017-02-25 03:15:00	35.3334	87.3703	3.0871	0.2494	0.0088	38.2690	2.6232
2017-02-25 03:30:00	35.2505	111.4706	3.9294	0.2094	0.0074	38.2690	2.6171
2017-02-25 03:45:00	35.2838	120.4348	4.2494	0.2094	0.0074	38.2690	2.6195
2017-02-25 04:00:00	35.3016	90.2726	3.1868	0.2094	0.0074	38.2690	2.6209
2017-02-25 04:15:00	35.3158	87.3703	3.0856	0.2094	0.0074	38.2690	2.6219
2017-02-25 04:30:00	34.8949	87.3703	3.0488	0.2094	0.0073	38.2690	2.5907
2017-02-25 04:45:00	34.8622	87.3703	3.0459	0.2094	0.0073	38.2690	2.5882
2017-02-25 05:00:00	34.6769	87.3703	3.0297	0.2094	0.0073	38.2690	2.5745
2017-02-25 05:15:00	34.4228	70.7557	2.4356	0.2566	0.0088	38.2690	2.5556
2017-02-25 05:30:00	34.2177	54.5063	1.8651	0.3983	0.0136	38.2690	2.5404
2017-02-25 05:45:00	34.3159	54.5063	1.8704	0.5744	0.0197	38.2690	2.5477
2017-02-25 06:00:00	34.5048	54.5063	1.8807	0.6130	0.0212	38.2690	2.5617
2017-02-25 06:15:00 2017-02-25 06:30:00	34.4945 34.4423	54.5063 54.5063	1.8802 1.8773	0.5447 0.5868	0.0188 0.0202	38.2690 38.2690	2.5609 2.5571
2017-02-25 06:30:00 2017-02-25 06:45:00	34.4423 34.7578	54.5063 54.5063	1.87/3 1.8945	0.5868	0.0202	38.2690 38.2690	2.55/1 2.5805
2017-02-25 06:45:00	35.4721		1.9334	0.3894	0.0159	38.2690	
2017-02-25 07:00:00	35.9742	54.5063	1.9608	1.0494	0.0159	38.2690	2.6335 2.6708
2017-02-25 07:15:00	36.4797	54.5063 54.5063	1.9884	1.7969	0.0656	38.2690	2.7083
2017-02-25 07:30:00	36.7531	54.5063	2.0033	2.7061	0.0995	38.2690	2.7083
2017-02-25 07:43:00	37.1686	54.5063	2.0259	2.1963	0.0333	38.2690	2.7595
2017-02-25 08:00:00	37.2912	54.5063	2.0326	0.7304	0.0272	38.2690	2.7686
2017-02-25 08:13:00	37.6306	54.5063	2.0511	0.3465	0.0130	38.2690	2.7938
2017-02-25 08:45:00	37.6796	54.5063	2.0531	0.3456	0.0130	38.2690	2.7974
2017-02-25 09:00:00	37.7056	57.2449	2.1585	0.4066	0.0153	38.2690	2.7993
2017-02-25 09:15:00	37.8832	87.3703	3.3099	0.5383	0.0204	38.2690	2.8125
2017-02-25 09:30:00	37.3964	87.3703	3.2673	0.4757	0.0178	38.2690	2.7764
2017-02-25 09:45:00	36.9631	87.3703	3.2295	0.3578	0.0170	38.2690	2.7442
2017-02-25 10:00:00	36.7525	87.3703	3.2111	0.2479	0.0091	38.2690	2.7286
2017-02-25 10:15:00	37.3230	66.2458	2.4725	0.5290	0.0197	38.2690	2.7709
2017-02-25 10:30:00	37.2993	54.3059	2.0256	0.2773	0.0103	27.9465	2.0222
2017-02-25 10:45:00	37.3572	54.3059	2.0287	0.1696	0.0063	23.1628	1.6787
2017-02-25 11:00:00	37.2197	54.3059	2.0212	0.1696	0.0063	23.1628	1.6725
2017-02-25 11:15:00	37.3257	54.3059	2.0270	0.1696	0.0063	23.1628	1.6773
2017-02-25 11:30:00	38.0771	54.3059	2.0678	0.1696	0.0065	23.1628	1.7110
2017-02-25 11:45:00	38.0079	54.3059	2.0641	0.1696	0.0064	23.1628	1.7079
2017-02-25 12:00:00	38.0110	54.3059	2.0642	0.2262	0.0086	23.1628	1.7081
2017-02-25 12:15:00	37.8444	54.3059	2.0552	0.4582	0.0173	23.1628	1.7006
2017-02-25 12:30:00	37.7731	54.3059	2.0513	0.3663	0.0138	23.1628	1.6974
2017-02-25 12:45:00	37.7101	54.3059	2.0479	0.2056	0.0078	23.1628	1.6945
2017-02-25 13:00:00	37.7225	54.3059	2.0486	0.1723	0.0065	23.1628	1.6951
2017-02-25 13:15:00	37.7006	54.3059	2.0474	0.2218	0.0084	23.1628	1.6941
2017-02-25 13:30:00	37.5755	54.3059	2.0406	0.2898	0.0109	23.1628	1.6885
2017-02-25 13:45:00	37.7750	54.3059	2.0514	0.4343	0.0164	23.1628	1.6975
2017-02-25 14:00:00	37.6616	27.5237	1.0366	0.4420	0.0166	23.1628	1.6924
2017-02-25 14:15:00	37.6863	21.2414	0.8005	0.1881	0.0071	23.1628	1.6935
2017-02-25 14:30:00	37.7140	21.2414	0.8011	0.1881	0.0071	23.1628	1.6947
2017-02-25 14:45:00	37.6645	21.2414	0.8000	0.1881	0.0071	23.1628	1.6925
2017-02-25 15:00:00	37.6830	21.2414	0.8004	0.1881	0.0071	23.1628	1.6933
2017-02-25 15:15:00	37.6171	21.2414	0.7990	0.1808	0.0068	23.1628	1.6904
2017-02-25 15:30:00	37.5373	21.2414	0.7973	0.1222	0.0046	23.1628	1.6868
2017-02-25 15:45:00	37.7661	21.2414	0.8022	0.1812	0.0068	23.1628	1.6971
2017-02-25 16:00:00	37.4918	21.2414	0.7964	0.1711	0.0064	23.1628	1.6847
2017-02-25 16:15:00	37.7678	21.2414	0.8022	0.2139	0.0081	23.1628	1.6971
2017-02-25 16:30:00	37.8872	21.2414	0.8048	0.2455	0.0093	23.1628	1.7025
2017-02-25 16:45:00	37.9775	21.2414	0.8067	0.3306	0.0126	23.1628	1.7066
2017-02-25 17:00:00	38.1205	21.2414	0.8097	0.5086	0.0194	23.1628	1.7130
2017-02-25 17:15:00	38.0683	21.2414	0.8086	0.6494	0.0247	23.1628	1.7106
2017-02-25 17:30:00	38.1534	21.2414	0.8104	0.3423	0.0131	23.1628	1.7145
2017-02-25 17:45:00	38.1456	21.2414	0.8103	0.2452	0.0094	23.1628	1.7141
2017-02-25 18:00:00	38.5729	21.2414	0.8193	0.1696	0.0065	23.1628	1.7333
2017-02-25 18:15:00	38.5120	21.2414	0.8180	0.2272	0.0087	23.1628	1.7306
2017-02-25 18:30:00	38.7700	21.2414	0.8235	0.2313	0.0090	23.1628	1.7422
2047 02 25 40 45 00	38.7829	21.2414	0.8238	0.1946	0.0075	23.1628	1.7427
2017-02-25 18:45:00	30.7023						
2017-02-25 18:45:00 2017-02-25 19:00:00	38.9129	21.2414	0.8266	0.2067	0.0080	23.1628	1.7486

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-25 19:30:00	38.9225	26.3420	1.0253	0.2067	0.0080	23.1628	1.7490
2017-02-25 19:45:00	38.4840	94.6004	3.6406	0.2067	0.0080	23.1628	1.7293
2017-02-25 20:00:00	38.6419	120.1409	4.6425	0.2067	0.0080	23.1628	1.7364
2017-02-25 20:15:00	38.9509	87.3703	3.4031	0.1824	0.0071	23.1628	1.7503
2017-02-25 20:30:00	38.4170	87.3703	3.3565	0.1747	0.0067	23.1628	1.7263
2017-02-25 20:45:00	38.7159	87.3703	3.3826	0.1222	0.0047	23.1628	1.7397
2017-02-25 21:00:00	38.4205	87.3703	3.3568	0.1222	0.0047	23.1628	1.7265
2017-02-25 21:15:00	38.4037	87.3703	3.3553	0.1222	0.0047	23.1628	1.7257
2017-02-25 21:30:00	39.0356	87.3703	3.4106	0.1222	0.0048	23.1628	1.7541
2017-02-25 21:45:00	39.0347	87.3703	3.4105	0.1222	0.0048	23.1628	1.7541
2017-02-25 22:00:00 2017-02-25 22:15:00	39.1815	87.3703	3.4233	0.1222	0.0048	23.1628	1.7607
2017-02-25 22:15:00	39.0598	104.9541	4.0995	0.1222 0.1222	0.0048	23.1628	1.7552
2017-02-25 22:30:00	38.9317 38.9015	34.4572 33.4652	1.3415 1.3018	0.1222	0.0048 0.0048	23.1628 23.1628	1.7494 1.7481
2017-02-25 22:45:00	38.9139	33.4652	1.3018	0.1222	0.0048	23.1628	1.7481
2017-02-25 23:00:00	38.7349	33.4652	1.2963	0.1222	0.0048	23.1628	1.7406
2017-02-25 23:15:00	38.9473		1.3034	0.1222	0.0047	23.1628	1.7406
2017-02-25 23:45:00	39.3063	33.4652 33.4652	1.3154	0.1222	0.0048	23.1628	1.7663
2017-02-23 23.43.00	39.7720	33.4652	1.3310	0.1222	0.0048	23.1628	1.7872
2017-02-26 00:05:00	39.6551	33.4652	1.3271	0.1222	0.0049	23.1628	1.7872
2017-02-26 00:13:00	39.3835	33.4652	1.3180	0.1222	0.0048	23.1628	1.7619
2017-02-26 00:35:00	39.3341	33.4652	1.3163	0.1222	0.0048	23.1628	1.7675
2017-02-26 01:00:00	38.9793	33.4652	1.3045	0.1222	0.0048	23.1628	1.7516
2017-02-26 01:00:00	39.1502	33.4652	1.3102	0.1222	0.0048	23.1628	1.7510
2017-02-26 01:30:00	39.0237	46.0297	1.7963	0.1222	0.0048	23.1628	1.7536
2017-02-26 01:45:00	39.5706	66.5297	2.6326	0.1222	0.0048	23.1628	1.7781
2017-02-26 02:00:00	39.3292	66.5297	2.6166	0.1222	0.0048	23.1628	1.7673
2017-02-26 02:15:00	39.4488	66.5297	2.6245	0.1222	0.0048	23.1628	1.7727
2017-02-26 02:30:00	39.2291	66.5297	2.6099	0.1222	0.0048	23.1628	1.7628
2017-02-26 02:45:00	38.9020	66.5297	2.5881	0.1222	0.0048	23.1628	1.7481
2017-02-26 03:00:00	39.3044	66.5297	2.6149	0.1222	0.0048	23.1628	1.7662
2017-02-26 03:15:00	40.0654	66.5297	2.6655	0.1222	0.0049	23.1628	1.8004
2017-02-26 03:30:00	40.1757	84.1293	3.3800	0.1474	0.0059	23.1628	1.8053
2017-02-26 03:45:00	40.0494	141.6316	5.6723	0.1817	0.0073	23.1628	1.7997
2017-02-26 04:00:00	40.1224	115.0242	4.6150	0.1133	0.0045	23.1628	1.8029
2017-02-26 04:15:00	40.1502	89.6013	3.5975	0.1133	0.0045	23.1628	1.8042
2017-02-26 04:30:00	40.0133	81.9598	3.2795	0.1133	0.0045	23.1628	1.7980
2017-02-26 04:45:00	40.2194	81.9598	3.2964	0.1355	0.0054	23.1628	1.8073
2017-02-26 05:00:00	40.1695	81.9598	3.2923	0.2221	0.0089	23.1628	1.8051
2017-02-26 05:15:00	40.0809	81.9598	3.2850	0.2584	0.0104	23.1628	1.8011
2017-02-26 05:30:00	40.1559	81.9598	3.2912	0.1627	0.0065	23.1628	1.8044
2017-02-26 05:45:00	39.9818	81.9598	3.2769	0.1627	0.0065	23.1628	1.7966
2017-02-26 06:00:00	39.9479	81.9598	3.2741	0.1627	0.0065	23.1628	1.7951
2017-02-26 06:15:00	39.9827	81.9598	3.2770	0.1627	0.0065	23.1628	1.7967
2017-02-26 06:30:00	39.9180	81.9598	3.2717	0.1627	0.0065	23.1628	1.7938
2017-02-26 06:45:00	40.0827	81.9598	3.2852	0.1627	0.0065	23.1628	1.8012
2017-02-26 07:00:00	39.8662	81.9598	3.2674	0.1627	0.0065	23.1628	1.7914
2017-02-26 07:15:00	39.9244	81.9598	3.2722	0.1627	0.0065	23.1628	1.7940
2017-02-26 07:30:00	40.1576	81.9598	3.2913	0.1463	0.0059	23.1628	1.8045
2017-02-26 07:45:00	39.9197	81.9598	3.2718	0.3181	0.0127	23.1628	1.7938
2017-02-26 08:00:00	39.7028	81.9598	3.2540	0.2327	0.0092	23.1628	1.7841
2017-02-26 08:15:00	39.4751	81.9598	3.2354	0.3152	0.0124	23.1628	1.7738
2017-02-26 08:30:00	39.6724	81.9598	3.2515	0.2958	0.0117	23.1628	1.7827
2017-02-26 08:45:00	39.7901	81.9598	3.2612	0.3026	0.0120	23.1628	1.7880
2017-02-26 09:00:00	39.7476	81.9598	3.2577	0.2873	0.0114	23.1628	1.7861
2017-02-26 09:15:00	39.7235	81.9598	3.2557	0.2141	0.0085	23.1628	1.7850
2017-02-26 09:30:00	39.6000	81.9598	3.2456	0.2074	0.0082	23.1628	1.7795
2017-02-26 09:45:00	39.1627	81.9598	3.2098	0.2074	0.0081	23.1628	1.7598
2017-02-26 10:00:00	38.7207	81.9598	3.1735	0.2074	0.0080	23.1628	1.7400
2017-02-26 10:15:00	38.4404	81.9598	3.1506	0.1756	0.0068	23.1628	1.7274
2017-02-26 10:30:00	38.4179	81.9598	3.1487	0.2060	0.0079	23.1628	1.7263
2017-02-26 10:45:00	38.1553	81.9598	3.1272	0.2060	0.0079	23.1628	1.7145
2017-02-26 11:00:00	38.1406	81.9598	3.1260	0.2060	0.0079	23.1628	1.7139
2017-02-26 11:15:00	38.0833	81.9598	3.1213	0.2060	0.0078	23.1628	1.7113
2017-02-26 11:30:00	37.8853	81.9598	3.1051	0.2060	0.0078	23.1628	1.7024
2017-02-26 11:45:00	37.9414	81.9598	3.1097	0.2060	0.0078	23.1628	1.7049
2017-02-26 12:00:00	38.0765	81.9598	3.1207	0.1308	0.0050	23.1628	1.7110
2017-02-26 12:15:00	37.8665	81.9598	3.1035	0.2067	0.0078	23.1628	1.7016
2017-02-26 12:30:00	37.6332	81.9598	3.0844	0.2067	0.0078	23.1628	1.6911
2017-02-26 12:45:00	37.5367	81.9598	3.0765	0.2067	0.0078	23.1628	1.6867
2017-02-26 13:00:00	37.6095	81.9598	3.0825	0.2067	0.0078	23.1628	1.6900
2017-02-26 13:15:00	37.5222	81.9598	3.0753	0.3024	0.0113	23.1628	1.6861
2017-02-26 13:30:00	37.3138	81.9598	3.0582	0.1572	0.0059	23.1628	1.6767
2017-02-26 13:45:00 2017-02-26 14:00:00	37.2833	81.9598	3.0557	0.1572	0.0059	23.1628	1.6754
	37.1306	81.9598	3.0432	0.1572	0.0058	23.1628	1.6685

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-26 14:15:00	37.2135	81.9598	3.0500	0.1572	0.0059	23.1628	1.6722
2017-02-26 14:30:00	37.2937	81.9598	3.0566	0.1572	0.0059	23.1628	1.6758
2017-02-26 14:45:00	37.3357	81.9598	3.0600	0.1572	0.0059	23.1628	1.6777
2017-02-26 15:00:00	37.1959	56.0593	2.0852	0.1596	0.0059	23.1628	1.6714
2017-02-26 15:15:00	37.3043	48.8953	1.8240	0.4605	0.0172	23.1628	1.6763
2017-02-26 15:30:00	37.4547	48.8953	1.8314	0.3666	0.0137	23.1628	1.6831
2017-02-26 15:45:00	37.6497	48.8953	1.8409	0.5590	0.0210	23.1628	1.6918
2017-02-26 16:00:00	37.8422	48.8953	1.8503	0.5422	0.0205	23.1628	1.7005
2017-02-26 16:15:00	37.8945	48.8953	1.8529	0.4522	0.0171	23.1628	1.7028
2017-02-26 16:30:00	38.1916	48.8953	1.8674	0.3777	0.0144	23.1628	1.7162
2017-02-26 16:45:00	38.2298	48.8953	1.8693	0.2428	0.0093	23.1628	1.7179
2017-02-26 17:00:00	38.5641	48.8953	1.8856	0.3088	0.0119	23.1628	1.7329
2017-02-26 17:15:00	38.2802	48.8953	1.8717	0.3351	0.0128	23.1628	1.7202
2017-02-26 17:30:00	38.8630	48.8953	1.9002	0.8764	0.0341	23.1628	1.7463
2017-02-26 17:45:00	38.5191	48.8953	1.8834	0.4961	0.0191	23.1628	1.7309
2017-02-26 18:00:00	38.5603	48.8953	1.8854	0.3395	0.0131	23.1628	1.7327
2017-02-26 18:15:00	38.8753	48.8953	1.9008	0.3211	0.0125	23.1628	1.7469
2017-02-26 18:30:00	38.8437	48.8953	1.8993	0.1704	0.0066	23.1628	1.7455
2017-02-26 18:45:00	38.6787	48.8953	1.8912	0.1677	0.0065	23.1628	1.7381
2017-02-26 19:00:00	38.6733	48.8953	1.8909	0.1758	0.0068	23.1628	1.7378
2017-02-26 19:15:00	38.8115	48.8953	1.8977	0.1758	0.0068	23.1628	1.7440
2017-02-26 19:30:00	38.8448	64.9061	2.5213	0.1758	0.0068	23.1628	1.7455
2017-02-26 19:45:00	37.9917	53.3039	2.0251	0.5375	0.0204	23.1628	1.7072
2017-02-26 20:00:00	38.0608	53.3039	2.0288	0.5162	0.0196	23.1628	1.7103
2017-02-26 20:15:00 2017-02-26 20:30:00	38.2199 39.2336	53.3039	2.0373 2.0913	0.2668 0.2061	0.0102 0.0081	23.1628 23.1628	1.7174
		53.3039					1.7630
2017-02-26 20:45:00	39.6504	53.3039	2.1135	1.2491	0.0495	23.1628	1.7817
2017-02-26 21:00:00 2017-02-26 21:15:00	39.0299	53.3039	2.0804 2.6416	2.8960 2.4687	0.1130	23.1628 23.1628	1.7538
2017-02-26 21:13:00	38.5719 38.7970	68.4842 57.7125	2.2391	1.2423	0.0952 0.0482	23.1628	1.7333 1.7434
2017-02-26 21:45:00	38.6438	57.7125	2.2391	0.7968	0.0308	23.1628	1.7454
2017-02-26 22:00:00	38.8887	57.7125	2.2444	0.4793	0.0186	23.1628	1.7303
2017-02-26 22:15:00	38.7002	57.7125	2.2335	0.3509	0.0136	23.1628	1.7473
2017-02-26 22:30:00	39.0406	57.7125	2.2531	0.3166	0.0130	23.1628	1.7543
2017-02-26 22:45:00	39.4030	57.7125	2.2740	0.2383	0.0094	23.1628	1.7706
2017-02-26 23:00:00	39.5066	57.7125	2.2800	0.2383	0.0094	23.1628	1.7753
2017-02-26 23:15:00	39.0677	57.7125	2.2547	0.2383	0.0093	23.1628	1.7555
2017-02-26 23:30:00	38.5931	57.7125	2.2273	0.2383	0.0092	23.1628	1.7342
2017-02-26 23:45:00	38.8168	57.7125	2.2402	0.2383	0.0092	23.1628	1.7443
2017-02-27 00:00:00	39.2255	57.7125	2.2638	0.2383	0.0093	23.1628	1.7626
2017-02-27 00:15:00	38.9432	57.7125	2.2475	0.2383	0.0093	23.1628	1.7499
2017-02-27 00:30:00	38.4369	57.7125	2.2183	0.1786	0.0069	23.1628	1.7272
2017-02-27 00:45:00	38.3868	57.7125	2.2154	0.1195	0.0046	23.1628	1.7249
2017-02-27 01:00:00	38.4989	57.7125	2.2219	0.1195	0.0046	23.1628	1.7300
2017-02-27 01:15:00	38.7083	57.7125	2.2340	0.1195	0.0046	23.1628	1.7394
2017-02-27 01:30:00	38.9836	57.7125	2.2498	0.1195	0.0047	23.1628	1.7518
2017-02-27 01:45:00	38.9850	57.7125	2.2499	0.1195	0.0047	23.1628	1.7518
2017-02-27 02:00:00	39.2204	57.7125	2.2635	0.1195	0.0047	23.1628	1.7624
2017-02-27 02:15:00	39.1970	57.7125	2.2622	0.1195	0.0047	23.1628	1.7614
2017-02-27 02:30:00	39.3613	57.7125	2.2716	0.1446	0.0057	23.1628	1.7687
2017-02-27 02:45:00	39.0694	57.7125	2.2548	0.2660	0.0104	23.1628	1.7556
2017-02-27 03:00:00	39.0851	57.7125	2.2557	0.4298	0.0168	23.1628	1.7563
2017-02-27 03:15:00	38.9856	57.7125	2.2500	0.6626	0.0258	23.1628	1.7519
2017-02-27 03:30:00	39.0670	58.9249	2.3020	0.6278	0.0245	23.1628	1.7555
2017-02-27 03:45:00	39.2550	120.4813	4.7295	0.9129	0.0358	23.1628	1.7640
2017-02-27 04:00:00	39.4037	67.4328	2.6571	0.9968	0.0393	23.1628	1.7706
2017-02-27 04:15:00	39.5004	45.6891	1.8047	1.0888	0.0430	23.1628	1.7750
2017-02-27 04:30:00	39.6382	45.6891	1.8110	1.3622	0.0540	23.1628	1.7812
2017-02-27 04:45:00	39.4633	45.6891	1.8030	1.2556	0.0496	23.1628	1.7733
2017-02-27 05:00:00	39.4234	45.6891	1.8012	0.9689	0.0382	23.1628	1.7715
2017-02-27 05:15:00	39.3878	45.6891	1.7996	1.0877	0.0428	23.1628	1.7699
2017-02-27 05:30:00	39.1322	45.6891	1.7879	0.9438	0.0369	23.1628	1.7584
2017-02-27 05:45:00	39.1522	45.6891	1.7888	0.6737	0.0264	23.1628	1.7593
2017-02-27 06:00:00	39.2860	45.6891	1.7949	0.2740	0.0108	23.1628	1.7654
2017-02-27 06:15:00	39.1651	45.6891	1.7894	0.2589	0.0101	23.1628	1.7599
2017-02-27 06:30:00	38.9981	45.6891	1.7818	0.2589	0.0101	23.1628	1.7524
2017-02-27 06:45:00	38.9766	45.6891	1.7808	0.2589	0.0101	23.1628	1.7514
2017-02-27 07:00:00	38.7794	45.6891	1.7718	0.2053	0.0080	23.1628	1.7426
2017-02-27 07:15:00	38.8255	45.6891	1.7739	0.3749	0.0146	23.1628	1.7447
2017-02-27 07:30:00	38.8588	45.6891	1.7754	0.6274	0.0244	23.1628	1.7462
2017-02-27 07:45:00	38.7143	45.6891	1.7688	0.4650	0.0180	23.1628	1.7397
2017-02-27 08:00:00	38.7871	45.6891	1.7721	0.3849	0.0149	23.1628	1.7429
2017-02-27 08:15:00	38.8358	45.6891	1.7744	0.6171	0.0240	23.1628	1.7451
2017-02-27 08:30:00	38.8533	45.6891	1.7752	1.0355	0.0402	23.1628	1.7459
2017-02-27 08:45:00	38.9840	45.6891	1.7811	0.5665	0.0221	23.1628	1.7518

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N2	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-27 09:00:00	38.4899	45.6891	1.7586	0.3413	0.0131	23.1628	1.7296
2017-02-27 09:15:00	38.4257	45.6891	1.7556	0.2414	0.0093	23.1628	1.7267
2017-02-27 09:30:00	38.3900	45.6891	1.7540	0.1284	0.0049	23.1628	1.7251
2017-02-27 09:45:00	38.2310	45.6891 78.0922	1.7467 2.9868	0.1284 0.1284	0.0049 0.0049	23.1628	1.7179
2017-02-27 10:00:00 2017-02-27 10:15:00	38.2475 38.3153	78.0922 78.7535	3.0175	0.1284	0.0049	23.1628 23.1628	1.7187 1.7217
2017-02-27 10:13:00	38.1932	78.7535	3.0078	0.1284	0.0049	23.1628	1.7162
2017-02-27 10:45:00	38.2723	78.7535	3.0141	0.1284	0.0049	23.1628	1.7198
2017-02-27 11:00:00	38.2746	78.7535	3.0143	0.1284	0.0049	23.1628	1.7199
2017-02-27 11:15:00	38.3452	78.7535	3.0198	0.1284	0.0049	23.1628	1.7231
2017-02-27 11:30:00	38.3743	78.7535	3.0221	0.1284	0.0049	23.1628	1.7244
2017-02-27 11:45:00	38.2765	78.7535	3.0144	0.1284	0.0049	23.1628	1.7200
2017-02-27 12:00:00	38.2861	78.7535	3.0152	0.2213	0.0085	23.1628	1.7204
2017-02-27 12:15:00	38.3088	78.7535	3.0169	0.2602	0.0100	23.1628	1.7214
2017-02-27 12:30:00	38.4112	78.7535	3.0250	0.2923	0.0112	23.1628	1.7260
2017-02-27 12:45:00	38.2792	78.7535	3.0146	0.2479	0.0095	23.1628	1.7201
2017-02-27 13:00:00	38.2008	78.7535	3.0085	0.2479	0.0095	23.1628	1.7166
2017-02-27 13:15:00	38.2629	78.7535	3.0133	0.2479	0.0095	23.1628	1.7194
2017-02-27 13:30:00 2017-02-27 13:45:00	38.0305 38.1761	78.7535 78.7535	2.9950 3.0065	0.2479 0.1660	0.0094 0.0063	23.1628 23.1628	1.7089 1.7155
2017-02-27 13:43:00	38.0517	82.1081	3.1244	0.1284	0.0049	23.1628	1.7133
2017-02-27 14:00:00	38.0890	120.5171	4.5904	0.1284	0.0049	23.1628	1.7116
2017-02-27 14:13:00	38.1679	115.0242	4.3902	0.1284	0.0049	23.1628	1.7151
2017-02-27 14:45:00	38.3607	92.5771	3.5513	0.1284	0.0049	23.1628	1.7238
2017-02-27 15:00:00	38.0897	81.9598	3.1218	0.1611	0.0061	23.1628	1.7116
2017-02-27 15:15:00	38.4090	81.9598	3.1480	0.2410	0.0093	23.1628	1.7259
2017-02-27 15:30:00	38.3102	81.9598	3.1399	0.2259	0.0087	23.1628	1.7215
2017-02-27 15:45:00	38.1801	81.9598	3.1292	0.5730	0.0219	23.1628	1.7157
2017-02-27 16:00:00	38.2603	81.9598	3.1358	1.4313	0.0548	23.1628	1.7193
2017-02-27 16:15:00	38.2348	81.9598	3.1337	4.5893	0.1755	35.0967	2.6033
2017-02-27 16:30:00	38.4444	81.9598	3.1509	0.7884	0.0303	38.2690	2.8542
2017-02-27 16:45:00	38.4131	81.9598	3.1483	0.4937	0.0190	38.2690	2.8519
2017-02-27 17:00:00	37.8239	81.9598	3.1000	0.4780	0.0181	38.2690	2.8081
2017-02-27 17:15:00	37.0413	72.7385	2.6943	0.4478	0.0166	38.2690	2.7500
2017-02-27 17:30:00 2017-02-27 17:45:00	36.9445 36.7072	48.8953 59.5862	1.8064 2.1872	0.3014 0.3014	0.0111 0.0111	38.2690 38.2690	2.7428 2.7252
2017-02-27 17:43:00	36.6882	81.9598	3.0070	0.3014	0.0111	38.2690	2.7238
2017-02-27 18:15:00	36.9031	81.9598	3.0246	0.3014	0.0111	38.2690	2.7398
2017-02-27 18:30:00	36.9098	81.9598	3.0251	0.3014	0.0111	38.2690	2.7403
2017-02-27 18:45:00	37.0446	81.9598	3.0362	0.3014	0.0112	38.2690	2.7503
2017-02-27 19:00:00	37.0740	81.9598	3.0386	0.2542	0.0094	38.2690	2.7524
2017-02-27 19:15:00	37.1437	81.9598	3.0443	0.1854	0.0069	38.2690	2.7576
2017-02-27 19:30:00	37.1292	81.9598	3.0431	0.1854	0.0069	38.2690	2.7565
2017-02-27 19:45:00	37.1049	81.9598	3.0411	0.1854	0.0069	38.2690	2.7547
2017-02-27 20:00:00	37.3129	81.9598	3.0582	0.1854	0.0069	38.2690	2.7702
2017-02-27 20:15:00	37.4711	81.9598	3.0711	0.1854	0.0069	38.2690	2.7819
2017-02-27 20:30:00	37.3953	81.9598	3.0649	0.1854	0.0069	38.2690	2.7763
2017-02-27 20:45:00	37.4539 37.6347	81.9598	3.0697	0.1854	0.0069	38.2690	2.7806
2017-02-27 21:00:00 2017-02-27 21:15:00	37.6347 37.7939	81.9598 75.3469	3.0845 2.8477	0.1854 0.1854	0.0070 0.0070	38.2690 38.2690	2.7941 2.8059
2017-02-27 21:15:00	37.7939 37.6566	75.3469 48.8953	1.8412	0.1854	0.0070	38.2690 38.2690	2.8059
2017-02-27 21:30:00	37.6654	48.8953	1.8417	0.1854	0.0070	38.2690	2.7964
2017-02-27 22:00:00	37.4624	48.8953	1.8317	0.2711	0.0102	38.2690	2.7813
2017-02-27 22:15:00	37.2430	48.8953	1.8210	0.3014	0.0112	38.2690	2.7650
2017-02-27 22:30:00	37.2484	48.8953	1.8213	0.3014	0.0112	38.2690	2.7654
2017-02-27 22:45:00	37.3501	48.8953	1.8262	0.3014	0.0113	38.2690	2.7729
2017-02-27 23:00:00	37.8099	48.8953	1.8487	0.3014	0.0114	38.2690	2.8071
2017-02-27 23:15:00	37.5424	48.8953	1.8356	0.3286	0.0123	38.2690	2.7872
2017-02-27 23:30:00	36.7124	48.8953	1.7951	0.1950	0.0072	38.2690	2.7256
2017-02-27 23:45:00	36.3189	48.8953	1.7758	0.1868	0.0068	38.2690	2.6964
2017-02-28 00:00:00	36.6683	48.8953	1.7929	0.1868	0.0068	38.2690	2.7223
2017-02-28 00:15:00	36.5566	48.8953	1.7874	0.1868	0.0068	38.2690	2.7140
2017-02-28 00:30:00 2017-02-28 00:45:00	36.4443 36.5175	48.8953 48.8953	1.7820 1.7855	0.1868 0.2830	0.0068 0.0103	38.2690 38.2690	2.7057 2.7111
2017-02-28 00:45:00	36.6221	48.8953 48.8953	1.7855	0.2830	0.0103	38.2690 38.2690	2.7111
2017-02-28 01:00:00	36.5501	48.8953	1.7871	0.5879	0.0197	38.2690	2.7135
2017-02-28 01:30:00	36.3179	48.8953	1.7758	1.0887	0.0395	38.2690	2.6963
2017-02-28 01:45:00	36.5858	48.8953	1.7889	0.6524	0.0239	38.2690	2.7162
2017-02-28 02:00:00	36.4035	48.8953	1.7800	0.6246	0.0227	38.2690	2.7027
2017-02-28 02:15:00	36.3994	48.8953	1.7798	0.4306	0.0157	38.2690	2.7024
2017-02-28 02:30:00	36.3601	48.8953	1.7778	0.6908	0.0251	38.2690	2.6994
2017-02-28 02:45:00	36.4918	48.8953	1.7843	0.8620	0.0315	38.2690	2.7092
2017-02-28 03:00:00	36.3525	48.8953	1.7775	0.9094	0.0331	38.2690	2.6989
2017-02-28 03:15:00	36.1472	48.8953	1.7674	1.3227	0.0478	38.2690	2.6836
2017-02-28 03:30:00	35.8510	48.8953	1.7529	1.7975	0.0644	38.2690	2.6616

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-28 03:45:00	36.3984	48.8953	1.7797	2.4162	0.0879	38.2690	2.7023
2017-02-28 04:00:00	36.6638	48.8953	1.7927	2.6930	0.0987	38.2690	2.7220
2017-02-28 04:15:00	36.7944	48.8953	1.7991	1.3998	0.0515	38.2690	2.7317
2017-02-28 04:30:00	36.0784	48.8953	1.7641	1.0343	0.0373	38.2690	2.6785
2017-02-28 04:45:00	35.6002	48.8953	1.7407	0.7631	0.0272	38.2690	2.6430
2017-02-28 05:00:00	35.6333	48.8953	1.7423	0.4236	0.0151	38.2690	2.6455
2017-02-28 05:15:00	35.6403	48.8953	1.7426	0.3687	0.0131	38.2690	2.6460
2017-02-28 05:30:00	35.2542	48.8953	1.7238	0.3687	0.0130	38.2690	2.6173
2017-02-28 05:45:00	35.5947	48.8953	1.7404	0.3687	0.0131	38.2690	2.6426
2017-02-28 06:00:00	35.5228	48.8953	1.7369	0.3687	0.0131	38.2690	2.6373
2017-02-28 06:15:00	35.3954	48.8953	1.7307	0.4801	0.0170	38.2690	2.6278
2017-02-28 06:30:00	35.0382	48.8953	1.7132	0.4825	0.0169	38.2690	2.6013
2017-02-28 06:45:00	34.9622	43.8196	1.5320	0.5294	0.0185	38.2690	2.5957
2017-02-28 07:00:00	34.2838	17.6379	0.6047	0.3268	0.0112	38.2690	2.5453
2017-02-28 07:15:00	34.3006	48.8953	1.6771	0.2782	0.0095	38.2690	2.5465
2017-02-28 07:30:00	34.4629	48.8953	1.6851	0.2142	0.0074	38.2690	2.5586
2017-02-28 07:45:00	34.2996	48.8953	1.6771	0.2142	0.0073	38.2690	2.5465
2017-02-28 08:00:00 2017-02-28 08:15:00	34.1206	48.8953	1.6683	0.1041	0.0036	38.2690	2.5332
	33.5577	48.8953	1.6408	0.0961	0.0032	38.2690	2.4914
2017-02-28 08:30:00 2017-02-28 08:45:00	33.3172 33.0760	48.8953 48.8953	1.6291 1.6173	0.2057 0.0941	0.0069 0.0031	38.2690 38.2690	2.4735 2.4556
2017-02-28 08:45:00	33.1650	48.8953	1.6173	0.0941	0.0031	38.2690 38.2690	2.4556
2017-02-28 09:00:00	33.0076	48.8953	1.6216	0.1333	0.0031	38.2690	2.4622
2017-02-28 09:15:00	33.1284	48.8953	1.6198	1.2821	0.0425	38.2690	2.4506
2017-02-28 09:45:00	33.0596	40.9349	1.3533	0.8650	0.0423	38.2690	2.4595
2017-02-28 10:00:00	33.1578	16.0313	0.5316	0.3568	0.0118	38.2690	2.4617
2017-02-28 10:15:00	33.3655	60.7823	2.0280	0.2822	0.0094	38.2690	2.4771
2017-02-28 10:30:00	33.2489	48.2340	1.6037	0.2190	0.0073	38.2690	2.4685
2017-02-28 10:45:00	33.2408	15.8309	0.5262	0.3982	0.0132	35.4492	2.2860
2017-02-28 11:00:00	33.2958	15.8309	0.5271	4.9391	0.1645	23.1628	1.4962
2017-02-28 11:15:00	33.3431	15.8309	0.5278	10.6640	0.3556	23.1628	1.4983
2017-02-28 11:30:00	33.2414	15.8309	0.5262	6.8609	0.2281	23.1628	1.4937
2017-02-28 11:45:00	33.1793	15.8309	0.5253	1.8929	0.0628	23.1628	1.4909
2017-02-28 12:00:00	33.4263	15.8309	0.5292	0.4630	0.0155	23.1628	1.5020
2017-02-28 12:15:00	33.2748	44.1561	1.4693	0.3284	0.0109	23.1628	1.4952
2017-02-28 12:30:00	33.2319	81.9598	2.7237	0.2980	0.0099	23.1628	1.4933
2017-02-28 12:45:00	33.1529	81.9598	2.7172	0.2980	0.0099	23.1628	1.4898
2017-02-28 13:00:00	33.3005	81.9598	2.7293	0.2980	0.0099	23.1628	1.4964
2017-02-28 13:15:00	32.9888	81.9598	2.7038	0.1964	0.0065	23.1628	1.4824
2017-02-28 13:30:00	32.8189	81.9598	2.6898	0.2003	0.0066	23.1628	1.4747
2017-02-28 13:45:00	32.9812	81.9598	2.7031	0.1730	0.0057	23.1628	1.4820
2017-02-28 14:00:00	33.0062	81.9598	2.7052	0.1804	0.0060	23.1628	1.4832
2017-02-28 14:15:00	32.9599	81.9598	2.7014	0.1542	0.0051	23.1628	1.4811
2017-02-28 14:30:00	33.0419	92.7265	3.0639	0.1841	0.0061	23.1628	1.4848
2017-02-28 14:45:00	32.9040	86.3684	2.8419	0.4984	0.0164	23.1628	1.4786
2017-02-28 15:00:00	32.9762	86.3684	2.8481	0.8468	0.0279	23.1628	1.4818
2017-02-28 15:15:00	33.1098	86.3684	2.8596	0.5698	0.0189	23.1628	1.4878
2017-02-28 15:30:00	33.0541	86.3684	2.8548	0.2426	0.0080	23.1628	1.4853
2017-02-28 15:45:00	32.9181	86.3684	2.8431	0.4304	0.0142	23.1628	1.4792
2017-02-28 16:00:00	32.9408	59.6596	1.9652	0.8635	0.0284	23.1628	1.4802
2017-02-28 16:15:00	33.3208	53.3039	1.7761	1.0472	0.0349	23.1628	1.4973
2017-02-28 16:30:00	33.4976	53.3039	1.7856	0.8904	0.0298	23.1628	1.5052
2017-02-28 16:45:00	33.7134	53.3039	1.7971	0.6009	0.0203	23.1628	1.5149
2017-02-28 17:00:00	33.4689	53.3039	1.7840	0.5313	0.0178	23.1628	1.5040
2017-02-28 17:15:00	33.1856	53.3039	1.7689	1.7979	0.0597	23.1628	1.4912
2017-02-28 17:30:00	33.3334	53.3039	1.7768	2.7983	0.0933	23.1628	1.4979
2017-02-28 17:45:00	33.3136	53.3039	1.7757	3.9834	0.1327	23.1628	1.4970
2017-02-28 18:00:00	33.3905	53.3039	1.7798	2.9906	0.0999	23.1628	1.5004
2017-02-28 18:15:00	33.3691	53.3039	1.7787	2.5639	0.0856	23.1628	1.4995
2017-02-28 18:30:00	33.5489	53.3039	1.7883	3.6958	0.1240	23.1628	1.5076
2017-02-28 18:45:00	33.4443	53.3039	1.7827	2.7672	0.0925	23.1628	1.5029
2017-02-28 19:00:00	33.5243	53.3039	1.7870	2.0314	0.0681	23.1628	1.5064
2017-02-28 19:15:00	33.7520	53.3039	1.7991	2.2745	0.0768	23.1628	1.5167
2017-02-28 19:30:00	33.8737	39.5375	1.3393	1.9487	0.0660	23.1628	1.5221
2017-02-28 19:45:00	34.0207	20.4398	0.6954	3.0938	0.1053	23.1628	1.5287
2017-02-28 20:00:00	33.9418	20.4398	0.6938	3.1112	0.1056	23.1628	1.5252
2017-02-28 20:15:00	33.9989	20.4398	0.6949	3.4567	0.1175	23.1628	1.5278
2017-02-28 20:30:00	33.9871	20.4398	0.6947	2.7587	0.0938	23.1628	1.5272
2017-02-28 20:45:00	33.9180	20.4398	0.6933	2.8807	0.0977	23.1628	1.5241
2017-02-28 21:00:00	34.4985	20.4398	0.7051	1.8338	0.0633	23.1628	1.5502
2017-02-28 21:15:00	35.9461	20.4398	0.7347	3.9291	0.1412	23.1628	1.6153
2017-02-28 21:30:00	36.1218	20.4398	0.7383	5.0152	0.1812	23.1628	1.6232
2017-02-28 21:45:00	36.1390	20.4398	0.7387	3.7049	0.1339	23.1628	1.6239
2017-02-28 22:00:00	36.2020 36.3390	20.4398	0.7400	3.2161	0.1164	23.1628	1.6268
2017-02-28 22:15:00		20.4398	0.7428	0.8243	0.0300	23.1628	1.6329

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-02-28 22:30:00	36.3308	20.4398	0.7426	0.5702	0.0207	23.1628	1.6326
2017-02-28 22:45:00	36.3297	20.4398	0.7426	0.3981	0.0145	23.1628	1.6325
2017-02-28 23:00:00	36.2860	20.4398	0.7417	0.2911	0.0106	23.1628	1.6305
2017-02-28 23:15:00	36.3422	20.4398	0.7428	0.2911	0.0106	23.1628	1.6331
2017-02-28 23:30:00	36.2905	20.4398	0.7418	0.2911	0.0106	23.1628	1.6307
2017-02-28 23:45:00	36.2735	20.4398	0.7414	0.2911	0.0106	23.1628	1.6300
2017-03-01 00:00:00	36.3061	31.7962	1.1544	0.2911	0.0106	23.1628	1.6314
2017-03-01 00:15:00	36.3222	53.3039	1.9361	0.1762	0.0064	23.1628	1.6322
2017-03-01 00:30:00	36.2783	53.3039	1.9338	0.1954	0.0071	23.1628	1.6302
2017-03-01 00:45:00	36.2569	53.3039	1.9326	0.1765	0.0064	23.1628	1.6292
2017-03-01 01:00:00	36.1877	53.3039	1.9289	0.1765	0.0064	23.1628	1.6261
2017-03-01 01:15:00	36.1441	53.3039	1.9266	0.1765	0.0064	23.1628	1.6242
2017-03-01 01:30:00	36.0029	57.3819	2.0659	0.1765	0.0064	23.1628	1.6178
2017-03-01 01:45:00	35.9026	86.3684	3.1009	0.1765	0.0063	23.1628	1.6133
2017-03-01 02:00:00	36.0841	86.3684	3.1165	0.1765	0.0064	23.1628	1.6215
2017-03-01 02:15:00	36.1381	86.3684	3.1212	0.1765	0.0064	23.1628	1.6239
2017-03-01 02:30:00	36.1845	86.3684	3.1252	0.1765	0.0064	23.1628	1.6260
2017-03-01 02:45:00	36.0601	86.3684	3.1144	0.1765	0.0064	23.1628	1.6204
2017-03-01 03:00:00	36.1584	86.3684 86.3684	3.1229 3.1307	0.1765 0.1765	0.0064 0.0064	23.1628 23.1628	1.6248 1.6288
2017-03-01 03:15:00 2017-03-01 03:30:00	36.2478 36.2200	85.2295	3.0870	0.1765	0.0064	23.1628	1.6276
2017-03-01 03:30:00	36.0865	53.3039	1.9236	0.1763	0.0064	23.1628	1.6216
2017-03-01 03:45:00	36.0855	53.3039	1.9235	0.2371	0.0093	23.1628	1.6215
2017-03-01 04:00:00	36.0384	53.3039	1.9235	1.2030	0.0280	23.1628	1.6194
2017-03-01 04:15:00	36.0486	53.3039	1.9210	1.6281	0.0434	23.1628	1.6194
2017-03-01 04:45:00	36.0058	53.3039	1.9193	1.8918	0.0681	23.1628	1.6180
2017-03-01 05:00:00	36.1399	53.3039	1.9264	2.0360	0.0736	23.1628	1.6240
2017-03-01 05:15:00	36.1140	53.3039	1.9250	2.0505	0.0741	23.1628	1.6228
2017-03-01 05:30:00	36.1304	53.3039	1.9259	1.6696	0.0603	23.1628	1.6236
2017-03-01 05:45:00	36.0822	53.3039	1.9233	1.2795	0.0462	23.1628	1.6214
2017-03-01 06:00:00	36.1602	53.3039	1.9275	0.9695	0.0351	23.1628	1.6249
2017-03-01 06:15:00	36.0376	53.3039	1.9209	0.6037	0.0218	23.1628	1.6194
2017-03-01 06:30:00	36.1383	53.3039	1.9263	0.5262	0.0190	23.1628	1.6239
2017-03-01 06:45:00	35.9742	53.3039	1.9176	0.4185	0.0151	23.1628	1.6165
2017-03-01 07:00:00	35.7008	53.3039	1.9030	0.3076	0.0110	23.1628	1.6042
2017-03-01 07:15:00	35.7906	53.3039	1.9078	0.2477	0.0089	23.1628	1.6083
2017-03-01 07:30:00	36.0181	53.3039	1.9199	0.3049	0.0110	23.1628	1.6185
2017-03-01 07:45:00	35.8427	53.3039	1.9106	0.3049	0.0109	23.1628	1.6106
2017-03-01 08:00:00	35.7097	53.3039	1.9035	0.3049	0.0109	23.1628	1.6046
2017-03-01 08:15:00	35.8300	53.3039	1.9099	0.1948	0.0070	23.1628	1.6101
2017-03-01 08:30:00	35.6573	53.3039	1.9007	0.1923	0.0069	23.1628	1.6023
2017-03-01 08:45:00	35.7840	53.3039	1.9074	0.1923	0.0069	23.1628	1.6080
2017-03-01 09:00:00	35.7892	53.3039	1.9077	0.1923	0.0069	23.1628	1.6082
2017-03-01 09:15:00	35.7670	53.3039	1.9065	0.1923	0.0069	23.1628	1.6072
2017-03-01 09:30:00	35.9732	53.3039	1.9175	0.1923	0.0069	23.1628	1.6165
2017-03-01 09:45:00	36.0585	53.3039	1.9221	0.1923	0.0069	23.1628	1.6203
2017-03-01 10:00:00	36.1257	53.3039	1.9256	0.1923	0.0069	23.1628	1.6233
2017-03-01 10:15:00	36.1211	53.3039	1.9254	0.1923	0.0069	23.1628	1.6231
2017-03-01 10:30:00	36.1277	53.3039	1.9257	0.1923	0.0069	23.1628	1.6234
2017-03-01 10:45:00	35.9180	84.6784	3.0415	0.1923	0.0069	23.1628	1.6140
2017-03-01 11:00:00	35.8660	86.3684	3.0977	0.1923	0.0069	23.1628	1.6117
2017-03-01 11:15:00	35.7095	86.3684	3.0842	0.1923	0.0069	23.1628	1.6046
2017-03-01 11:30:00	35.7811	86.3684	3.0904	0.1923	0.0069	23.1628	1.6079
2017-03-01 11:45:00	35.9389	156.4289	5.6219	0.1923	0.0069	23.1628	1.6149
2017-03-01 12:00:00	36.0068	88.9768	3.2038	0.5329	0.0192	23.1628	1.6180
2017-03-01 12:15:00	36.0092	79.7555	2.8719	1.1648	0.0419	23.1628	1.6181
2017-03-01 12:30:00	35.9384	79.7555	2.8663	0.5297	0.0190	23.1628	1.6149
2017-03-01 12:45:00	35.8052	79.7555	2.8557	0.4594	0.0165	23.1628	1.6089
2017-03-01 13:00:00	35.7787	79.7555	2.8535	0.6361	0.0228	23.1628	1.6077
2017-03-01 13:15:00	35.7055	79.7555	2.8477	0.7641	0.0273	23.1628	1.6045
2017-03-01 13:30:00	35.7645	79.7555	2.8524	0.4563	0.0163	23.1628	1.6071
2017-03-01 13:45:00	35.6596	79.7555	2.8440	0.3419	0.0122	23.1628	1.6024
2017-03-01 14:00:00	35.5071	79.7555	2.8319	0.2885	0.0102	23.1628	1.5955
2017-03-01 14:15:00	35.3464	79.7555	2.8191	0.2650	0.0094	23.1628	1.5883
2017-03-01 14:30:00	35.4050	79.7555	2.8237	0.2656	0.0094	23.1628	1.5910
2017-03-01 14:45:00	35.2954	79.7555	2.8150	1.3329	0.0470	23.1628	1.5860
2017-03-01 15:00:00	35.2898	79.7555	2.8146	2.7221	0.0961	23.1628	1.5858
2017-03-01 15:15:00	35.2007	79.7555	2.8075	0.6462	0.0227	23.1628	1.5818
2017-03-01 15:30:00	35.2790	79.7555	2.8137	0.3318	0.0117	23.1628	1.5853
2017-03-01 15:45:00	35.1892	79.7555	2.8065	0.4778	0.0168	23.1628	1.5813
2017-03-01 16:00:00	35.2428	79.7555	2.8108	0.3034	0.0107	23.1628	1.5837
2017-03-01 16:15:00	35.4312	79.7555	2.8258	0.2970	0.0105	23.1628	1.5921
2017-03-01 16:30:00	35.6655	79.7555	2.8445	0.2128	0.0076	23.1628	1.6027
2017-03-01 16:45:00	35.8631	79.7555	2.8603	0.3900	0.0140	23.1628	1.6115
2017-03-01 17:00:00	35.8062	79.7555	2.8557	0.8640	0.0309	23.1628	1.6090

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-01 17:15:00	35.7530	79.7555	2.8515	0.8187	0.0293	23.1628	1.6066
2017-03-01 17:30:00	35.6329	79.7555	2.8419	0.8445	0.0301	23.1628	1.6012
2017-03-01 17:45:00	35.7664	79.7555	2.8526	0.2546	0.0091	23.1628	1.6072
2017-03-01 18:00:00	35.8937	79.7555	2.8627	0.2738	0.0098	23.1628	1.6129
2017-03-01 18:15:00	35.7713	79.7555	2.8530	0.2946	0.0105	23.1628	1.6074
2017-03-01 18:30:00	35.8175	79.7555	2.8566	0.4475	0.0160	23.1628	1.6095
2017-03-01 18:45:00	35.7539	69.3585	2.4798	0.4106	0.0147	23.1628	1.6066
2017-03-01 19:00:00	35.7035	46.6910	1.6670	0.4106	0.0147	23.1628	1.6044
2017-03-01 19:15:00	35.1802	46.6910	1.6426	1.4410	0.0507	23.1628	1.5809
2017-03-01 19:30:00	35.1160	46.6910	1.6396	1.1782	0.0414	23.1628	1.5780
2017-03-01 19:45:00	35.0695	46.6910	1.6374	1.0927	0.0383	23.1628	1.5759
2017-03-01 20:00:00	35.1139	46.6910	1.6395	1.0353	0.0364	23.1628	1.5779
2017-03-01 20:15:00	35.2634	46.6910	1.6465	1.1081	0.0391	23.1628	1.5846
2017-03-01 20:30:00	35.4832 35.3224	46.6910 58.9696	1.6567 2.0829	1.0319 0.7107	0.0366 0.0251	23.1628 23.1628	1.5945 1.5872
2017-03-01 20:45:00 2017-03-01 21:00:00	35.3865	51.6407	1.8274	0.7107	0.0251	23.1628	1.5872
2017-03-01 21:00:00	35.3494	50.0977	1.7709	0.4929	0.0174	23.1628	1.5885
2017-03-01 21:13:00	35.4653	50.0977	1.7767	0.3248	0.0131	23.1628	1.5937
2017-03-01 21:45:00	35.1673	50.0977	1.7618	0.3248	0.0113	23.1628	1.5803
2017-03-01 21:43:00	35.0273	50.0977	1.7548	0.3248	0.0114	23.1628	1.5740
2017-03-01 22:00:00	35.2380	64.7195	2.2806	0.3248	0.0014	23.1628	1.5835
2017-03-01 22:15:00	35.2562	83.1621	2.2806	0.2820	0.0099	23.1628	1.5843
2017-03-01 22:45:00	35.2505	83.1621	2.9320	0.2370	0.0082	23.1628	1.5840
2017-03-01 22:43:00	35.0207	83.1621	2.9124	0.2335	0.0082	23.1628	1.5737
2017-03-01 23:00:00	35.1368	83.1621	2.9220	0.3245	0.0114	23.1628	1.5789
2017-03-01 23:30:00	35.3476	83.1621	2.9396	0.5163	0.0182	23.1628	1.5884
2017-03-01 23:45:00	35.2964	83.1621	2.9353	0.5887	0.0208	23.1628	1.5861
2017-03-02 00:00:00	35.0147	83.1621	2.9119	0.6768	0.0237	23.1628	1.5734
2017-03-02 00:15:00	35.2940	83.1621	2.9351	0.8054	0.0284	23.1628	1.5860
2017-03-02 00:30:00	35.4525	83.1621	2.9483	0.8512	0.0302	23.1628	1.5931
2017-03-02 00:45:00	35.5931	83.1621	2.9600	0.6584	0.0234	23.1628	1.5994
2017-03-02 01:00:00	35.5756	83.1621	2.9585	0.5919	0.0211	23.1628	1.5986
2017-03-02 01:15:00	35.5685	83.1621	2.9579	0.4897	0.0174	23.1628	1.5983
2017-03-02 01:30:00	35.4223	83.1621	2.9458	0.5052	0.0179	23.1628	1.5917
2017-03-02 01:45:00	35.4667	83.1621	2.9495	0.3625	0.0129	23.1628	1.5937
2017-03-02 02:00:00	35.5815	83.1621	2.9590	0.2968	0.0106	23.1628	1.5989
2017-03-02 02:15:00	35.5822	83.1621	2.9591	0.2493	0.0089	23.1628	1.5989
2017-03-02 02:30:00	35.6490	83.1621	2.9646	0.2493	0.0089	23.1628	1.6019
2017-03-02 02:45:00	35.7378	83.1621	2.9720	0.2493	0.0089	23.1628	1.6059
2017-03-02 03:00:00	35.2418	83.1621	2.9308	0.6325	0.0223	23.1628	1.5836
2017-03-02 03:15:00	35.2300	83.1621	2.9298	2.0750	0.0731	23.1628	1.5831
2017-03-02 03:30:00	35.2197	83.1621	2.9289	2.3551	0.0829	23.1628	1.5826
2017-03-02 03:45:00	35.1842	83.1621	2.9260	1.6765	0.0590	23.1628	1.5810
2017-03-02 04:00:00	35.2138	83.1621	2.9285	1.0960	0.0386	23.1628	1.5824
2017-03-02 04:15:00	35.2541	83.1621	2.9318	0.9315	0.0328	23.1628	1.5842
2017-03-02 04:30:00	35.2534	86.8310	3.0611	1.2659	0.0446	23.1628	1.5841
2017-03-02 04:45:00	35.3111	91.3171	3.2245	2.1172	0.0748	23.1628	1.5867
2017-03-02 05:00:00	35.6743	89.5746	3.1955	2.0347	0.0726	23.1628	1.6031
2017-03-02 05:15:00	35.7232	89.5746	3.1999	1.9814	0.0708	23.1628	1.6053
2017-03-02 05:30:00	35.6965	89.5746	3.1975	2.1766	0.0777	23.1628	1.6041
2017-03-02 05:45:00	35.4951	89.5746	3.1795	2.5772	0.0915	23.1628	1.5950
2017-03-02 06:00:00	35.4207	85.1562	3.0163	2.7201	0.0963	23.1628	1.5917
2017-03-02 06:15:00	35.4421	56.7105	2.0099	2.0657	0.0732	23.1628	1.5926
2017-03-02 06:30:00	35.7029	56.7105	2.0247	1.7820	0.0636	23.1628	1.6043
2017-03-02 06:45:00	35.6857	56.7105	2.0238	1.5494	0.0553	23.1628	1.6036
2017-03-02 07:00:00	35.6601	56.7105	2.0223	0.5003	0.0178	23.1628	1.6024
2017-03-02 07:15:00	35.8505	56.7105	2.0331	0.2589	0.0093	23.1628	1.6110
2017-03-02 07:30:00	35.8856	56.7105	2.0351	0.2589	0.0093	23.1628	1.6126
2017-03-02 07:45:00	35.5191	56.7105	2.0143	0.2589	0.0092	23.1628	1.5961
2017-03-02 08:00:00	35.3389	56.7105	2.0041	0.2589	0.0091	23.1628	1.5880
2017-03-02 08:15:00	35.0262	84.1338	2.9469	0.2589	0.0091	23.1628	1.5739
2017-03-02 08:30:00	35.2018	89.5746	3.1532	0.2589	0.0091	23.1628	1.5818
2017-03-02 08:45:00	35.1692	89.5746	3.1503	0.6068	0.0213	23.1628	1.5804
2017-03-02 09:00:00	34.8876	89.5746	3.1250	0.9805	0.0342	23.1628	1.5677
2017-03-02 09:15:00	35.1116	89.5746	3.1451	1.3203	0.0464	23.1628	1.5778
2017-03-02 09:30:00	35.6644	89.5746	3.1946	1.2352	0.0441	23.1628	1.6026
2017-03-02 09:45:00	35.4934	89.5746	3.1793	1.1115	0.0395	23.1628	1.5949
2017-03-02 10:00:00	35.5308	89.5746	3.1827	1.1822	0.0420	23.1628	1.5966
2017-03-02 10:15:00	35.7875	89.5746	3.2056	0.5986	0.0214	23.1628	1.6081
2017-03-02 10:30:00	35.6563	89.5746	3.1939	0.3905	0.0139	23.1628	1.6022
2017-03-02 10:45:00	35.6801	89.5746	3.1960	0.3447	0.0123	23.1628	1.6033
2017-03-02 11:00:00	35.7186	89.5746	3.1995	0.4086	0.0146	23.1628	1.6050
	35.7147	89.5746	3.1991	0.2875	0.0103	23.1628	1.6049
2017-03-02 11:15:00							
2017-03-02 11:15:00 2017-03-02 11:30:00 2017-03-02 11:45:00	35.7877 35.7875	89.5746 89.5746	3.2057 3.2057	0.3821 1.0515	0.0137 0.0376	23.1628 23.1628	1.6082 1.6081

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-02 12:00:00	35.7514	89.5746	3.2024	1.7177	0.0614	23.1628	1.6065
2017-03-02 12:15:00	35.6946	89.5746	3.1973	0.9533	0.0340	23.1628	1.6040
2017-03-02 12:30:00	35.5713	89.5746	3.1863	0.7522	0.0268	23.1628	1.5984
2017-03-02 12:45:00	35.5858	89.5746	3.1876	0.6903	0.0246	23.1628	1.5991
2017-03-02 13:00:00	35.2979	89.5746	3.1618	0.4197	0.0148	23.1628	1.5861
2017-03-02 13:15:00	35.0074	108.1274	3.7853	0.3116	0.0109	23.1628	1.5731
2017-03-02 13:30:00	34.8717	122.6391	4.2766	0.3335	0.0116	23.1628	1.5670
2017-03-02 13:45:00	35.0209	122.6391	4.2949	0.5306	0.0186	23.1628	1.5737
2017-03-02 14:00:00	34.7468	93.4321	3.2465	0.9154	0.0318	23.1628	1.5614
2017-03-02 14:15:00	34.8256	89.5746	3.1195	0.7224	0.0252	23.1628	1.5649
2017-03-02 14:30:00	34.9057	89.5746	3.1267	0.3726	0.0130	23.1628	1.5685
2017-03-02 14:45:00	34.8958	89.5746	3.1258	0.4710	0.0164	23.1628	1.5681
2017-03-02 15:00:00	34.7727	89.5746	3.1148	0.7061	0.0246	23.1628	1.5625
2017-03-02 15:15:00	34.9026	89.5746	3.1264	1.7977	0.0627	23.1628	1.5684
2017-03-02 15:30:00	34.8892	89.5746	3.1252	3.3480	0.1168	23.1628	1.5678
2017-03-02 15:45:00	34.6702	64.2252	2.2267	1.7559	0.0609	23.1628	1.5579
2017-03-02 16:00:00	34.6448	56.5102	1.9578	1.1464	0.0397	23.1628	1.5568
2017-03-02 16:15:00	34.7556	56.5102	1.9640	1.5873	0.0552	23.1628	1.5618
2017-03-02 16:30:00	34.9824	56.5102	1.9769	2.7539	0.0963	23.1628	1.5720
2017-03-02 16:45:00	34.8375	56.5102	1.9687	0.8971	0.0313	23.1628	1.5655
2017-03-02 17:00:00	34.8726	56.5102	1.9707	0.7124	0.0248	23.1628	1.5670
2017-03-02 17:15:00	34.7774	56.5102	1.9653	0.5887	0.0205	23.1628	1.5628
2017-03-02 17:30:00	34.9762	56.5102	1.9765	0.3336	0.0117	23.1628	1.5717
2017-03-02 17:45:00	34.9107	56.5102	1.9728	0.3287	0.0115	23.1628	1.5687
2017-03-02 18:00:00	34.8001	56.5102	1.9666	0.3403	0.0118	23.1628	1.5638
2017-03-02 18:15:00	34.7621	56.5102	1.9644	0.6070	0.0211	23.1628	1.5621
2017-03-02 18:30:00	34.9552	46.8700	1.6384	0.9674	0.0338	23.1628	1.5707
2017-03-02 18:45:00	34.5201	23.6461	0.8163	1.5766	0.0544	23.1628	1.5512
2017-03-02 19:00:00	34.5939	23.6461	0.8180	2.1434	0.0741	23.1628	1.5545
2017-03-02 19:15:00	34.5234	23.6461	0.8163	1.7001	0.0587	23.1628	1.5513
2017-03-02 19:30:00	34.5009	23.6461	0.8158	1.8886	0.0652	23.1628	1.5503
2017-03-02 19:45:00	34.5639	23.6461	0.8173	1.8493	0.0639	23.1628	1.5532
2017-03-02 20:00:00	34.6065	23.6461	0.8183	1.7057	0.0590	23.1628	1.5551
2017-03-02 20:15:00	34.5330	23.6461	0.8166	1.5464	0.0534	23.1628	1.5518
2017-03-02 20:30:00	34.4965	23.6461	0.8157	1.3587	0.0469 0.0285	23.1628	1.5501
2017-03-02 20:45:00 2017-03-02 21:00:00	34.5655	23.6461 23.6461	0.8173 0.8163	0.8246		23.1628 23.1628	1.5532
2017-03-02 21:00:00	34.5227	23.6461	0.8163	0.6148 0.4837	0.0212	23.1628	1.5513
2017-03-02 21:15:00	34.5268 34.6226	23.6461	0.8187	0.4837	0.0167 0.0143	23.1628	1.5515 1.5558
2017-03-02 21:45:00	34.5418	23.6461	0.8168	0.3517	0.0143	23.1628	1.5522
2017-03-02 21:45:00	34.5699	23.6461	0.8174	0.3790	0.0121	23.1628	1.5522
2017-03-02 22:00:00	34.4577	23.6461	0.8174	0.3331	0.0131	23.1628	1.5484
2017-03-02 22:13:00	34.5936	23.6461	0.8148	0.3191	0.0113	23.1628	1.5545
2017-03-02 22:45:00	34.6334	23.6461	0.8189	0.2934	0.0110	23.1628	1.5563
2017-03-02 23:00:00	34.5843	23.6461	0.8178	0.3419	0.0102	23.1628	1.5541
2017-03-02 23:15:00	34.5786	23.6461	0.8176	0.2818	0.0017	23.1628	1.5538
2017-03-02 23:30:00	34.9945	23.6461	0.8275	0.2527	0.0088	23.1628	1.5725
2017-03-02 23:45:00	35.0503	23.6461	0.8288	0.2527	0.0089	23.1628	1.5750
2017-03-03 00:00:00	35.0450	23.6461	0.8287	0.2527	0.0089	23.1628	1.5748
2017-03-03 00:15:00	35.0571	23.6461	0.8290	0.2527	0.0089	23.1628	1.5753
2017-03-03 00:30:00	35.2506	23.6461	0.8335	0.2527	0.0089	23.1628	1.5840
2017-03-03 00:35:00	35.3148	23.6461	0.8351	0.2527	0.0089	23.1628	1.5869
2017-03-03 01:00:00	35.3438	23.6461	0.8357	0.2527	0.0089	23.1628	1.5882
2017-03-03 01:15:00	35.1815	23.6461	0.8319	0.2527	0.0089	23.1628	1.5809
2017-03-03 01:30:00	35.3052	23.6461	0.8348	0.2527	0.0089	23.1628	1.5865
2017-03-03 01:45:00	35.3154	23.6461	0.8351	0.2527	0.0089	23.1628	1.5869
2017-03-03 02:00:00	35.5180	23.6461	0.8399	0.2527	0.0090	23.1628	1.5960
2017-03-03 02:15:00	35.5496	23.6461	0.8406	0.2527	0.0090	23.1628	1.5975
2017-03-03 02:30:00	35.6496	23.6461	0.8430	0.2527	0.0090	23.1628	1.6019
2017-03-03 02:45:00	35.6815	23.6461	0.8437	0.2527	0.0090	23.1628	1.6034
2017-03-03 03:00:00	35.7824	23.6461	0.8461	0.2527	0.0090	23.1628	1.6079
2017-03-03 03:15:00	35.6108	23.6461	0.8421	0.2527	0.0090	23.1628	1.6002
2017-03-03 03:30:00	35.6948	23.6461	0.8440	0.2527	0.0090	23.1628	1.6040
2017-03-03 03:45:00	35.7310	23.6461	0.8449	0.3406	0.0122	23.1628	1.6056
2017-03-03 04:00:00	35.8081	23.6461	0.8467	0.2936	0.0105	23.1628	1.6091
2017-03-03 04:15:00	35.7829	48.9550	1.7518	0.2534	0.0091	23.1628	1.6079
2017-03-03 04:30:00	35.6897	31.1507	1.1118	0.2534	0.0090	23.1628	1.6038
2017-03-03 04:45:00	35.7010	26.8523	0.9587	0.2534	0.0090	23.1628	1.6043
2017-03-03 05:00:00	35.5470	26.8523	0.9545	0.1619	0.0058	23.1628	1.5973
2017-03-03 05:15:00	35.6012	26.8523	0.9560	0.1346	0.0048	23.1628	1.5998
2017-03-03 05:30:00	35.5003	26.8523	0.9533	0.1346	0.0048	23.1628	1.5952
2017-03-03 05:45:00	35.7946	26.8523	0.9612	0.1346	0.0048	23.1628	1.6085
2017-03-03 06:00:00	36.0025	26.8523	0.9668	0.1356	0.0049	23.1628	1.6178
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2017-03-03 06:15:00	35.8341	26.8523	0.9622	0.1367	0.0049	23.1628	1.6102

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-03 06:45:00	35.5070	26.8523	0.9534	0.1525	0.0054	23.1628	1.5955
2017-03-03 07:00:00	35.2227	26.8523	0.9458	0.1332	0.0047	23.1628	1.5828
2017-03-03 07:15:00	35.5349	26.8523	0.9542	0.1217	0.0043	23.1628	1.5968
2017-03-03 07:30:00	35.8473	26.8523	0.9626	0.1375	0.0049	23.1628	1.6108
2017-03-03 07:45:00	35.6437	26.8523	0.9571	0.1420	0.0051	23.1628	1.6017
2017-03-03 08:00:00	35.5694	26.8523	0.9551	0.1408	0.0050	23.1628	1.5983
2017-03-03 08:15:00	35.5578	26.8523	0.9548	0.1809	0.0064	23.1628	1.5978
2017-03-03 08:30:00	35.3697	26.8523	0.9498	0.1742	0.0062	23.1628	1.5894
2017-03-03 08:45:00	35.6119	26.8523	0.9563	0.1397	0.0050	23.1628	1.6003
2017-03-03 09:00:00	35.3342	26.8523	0.9488	0.1462	0.0052	23.1628	1.5878
2017-03-03 09:15:00	35.3885	26.8523	0.9503	0.1375	0.0049	23.1628	1.5902
2017-03-03 09:30:00	35.3268	26.8523	0.9486	0.3160	0.0112	23.1628	1.5874
2017-03-03 09:45:00	35.4771	26.8523	0.9526	0.7650	0.0271	23.1628	1.5942
2017-03-03 10:00:00	35.5461	26.8523	0.9545	1.2764	0.0454	23.1628	1.5973
2017-03-03 10:15:00	35.7456	26.8523	0.9599	1.5759	0.0563	23.1628	1.6063
2017-03-03 10:30:00	35.4728	26.8523	0.9525	1.0797	0.0383	23.1628	1.5940
2017-03-03 10:45:00	35.5468	26.8523	0.9545	0.4484	0.0159	23.1628	1.5973
2017-03-03 11:00:00 2017-03-03 11:15:00	35.1003	26.8523	0.9425	0.2733	0.0096	23.1628	1.5773
2017-03-03 11:15:00	34.8167	26.8523	0.9349	0.2390 0.1742	0.0083	23.1628 23.1628	1.5645
2017-03-03 11:30:00	34.5823	27.1095	0.9375		0.0060		1.5540
2017-03-03 11:45:00	34.5708 34.6358	148.5293 122.7960	5.1348 4.2531	0.1181 0.1181	0.0041 0.0041	23.1628 23.1628	1.5535 1.5564
2017-03-03 12:00:00	34.6737	89.2172	3.0935	0.1181	0.0041	23.1628	1.5581
2017-03-03 12:15:00	34.5633	65.2944	2.2568	0.1181	0.0041	23.1628	1.5581
2017-03-03 12:45:00	34.5707	55.5082	1.9190	1.4901	0.0204	23.1628	1.5535
2017-03-03 12:45:00	34.6809	55.5082	1.9251	1.0769	0.0313	23.1628	1.5584
2017-03-03 13:15:00	34.5390	55.5082	1.9172	1.0643	0.0368	23.1628	1.5520
2017-03-03 13:30:00	34.5321	55.5082	1.9168	0.8609	0.0297	23.1628	1.5520
2017-03-03 13:45:00	34.5552	55.5082	1.9181	0.9371	0.0324	23.1628	1.5528
2017-03-03 14:00:00	34.8284	55.5082	1.9333	0.7248	0.0252	23.1628	1.5650
2017-03-03 14:15:00	34.5311	55.5082	1.9168	0.3795	0.0131	23.1628	1.5517
2017-03-03 14:30:00	34.5202	55.5082	1.9162	0.3383	0.0117	23.1628	1.5512
2017-03-03 14:45:00	34.4262	55.5082	1.9109	0.3496	0.0120	23.1628	1.5470
2017-03-03 15:00:00	34.2782	55.5082	1.9027	0.3229	0.0111	23.1628	1.5403
2017-03-03 15:15:00	34.5024	55.5082	1.9152	0.2444	0.0084	23.1628	1.5504
2017-03-03 15:30:00	34.4259	55.5082	1.9109	0.2306	0.0079	23.1628	1.5470
2017-03-03 15:45:00	34.5202	55.5082	1.9162	0.2051	0.0071	23.1628	1.5512
2017-03-03 16:00:00	34.5862	55.5082	1.9198	0.2411	0.0083	23.1628	1.5542
2017-03-03 16:15:00	34.6980	55.5082	1.9260	0.3718	0.0129	23.1628	1.5592
2017-03-03 16:30:00	34.9940	55.5082	1.9425	0.4814	0.0168	23.1628	1.5725
2017-03-03 16:45:00	34.8533	55.5082	1.9346	0.2486	0.0087	23.1628	1.5662
2017-03-03 17:00:00	35.0392	55.5082	1.9450	0.2647	0.0093	23.1628	1.5745
2017-03-03 17:15:00	34.9950	55.5082	1.9425	3.6016	0.1260	23.1628	1.5725
2017-03-03 17:30:00	35.3334	55.5082	1.9613	2.4467	0.0865	23.1628	1.5877
2017-03-03 17:45:00	35.6545	55.5082	1.9791	0.3850	0.0137	23.1628	1.6022
2017-03-03 18:00:00	35.4879	55.5082	1.9699	0.3535	0.0125	23.1628	1.5947
2017-03-03 18:15:00	35.2662	55.5082	1.9576	0.3678	0.0130	23.1628	1.5847
2017-03-03 18:30:00	35.3531	55.5082	1.9624	0.3428	0.0121	23.1628	1.5886
2017-03-03 18:45:00	35.3907	55.5082	1.9645	0.3399	0.0120	23.1628	1.5903
2017-03-03 19:00:00	35.4705	55.5082	1.9689	0.2798	0.0099	23.1628	1.5939
2017-03-03 19:15:00	35.3698	55.5082	1.9633	0.2238	0.0079	23.1628	1.5894
2017-03-03 19:30:00	35.4471	55.5082	1.9676	0.2238	0.0079	23.1628	1.5928
2017-03-03 19:45:00	35.5029	68.0259	2.4151	0.2238	0.0079	23.1628	1.5954
2017-03-03 20:00:00	35.5742	56.5102	2.0103	0.2238	0.0080	23.1628	1.5986
2017-03-03 20:15:00	35.6669	56.5102	2.0155	0.2238	0.0080	23.1628	1.6027
2017-03-03 20:30:00	35.6353	56.5102	2.0138	0.2238	0.0080	23.1628	1.6013
2017-03-03 20:45:00	35.6254	56.5102	2.0132	0.2238	0.0080	23.1628	1.6009
2017-03-03 21:00:00	35.6157	56.5102	2.0127	0.2238	0.0080	23.1628	1.6004
2017-03-03 21:15:00	35.5549	56.5102	2.0092	0.2238	0.0080	23.1628	1.5977
2017-03-03 21:30:00	35.4225	56.5102	2.0017	0.2238	0.0079	23.1628	1.5917
2017-03-03 21:45:00	35.3793	56.5102	1.9993	0.2238	0.0079	23.1628	1.5898
2017-03-03 22:00:00	35.3938	56.5102	2.0001	0.2238	0.0079	23.1628	1.5905
2017-03-03 22:15:00	35.3921	56.5102	2.0000	0.2238	0.0079	23.1628	1.5904
2017-03-03 22:30:00	35.5578	56.5102	2.0094	0.6473	0.0230	23.1628	1.5978
2017-03-03 22:45:00	35.4665	56.5102	2.0042	1.6242	0.0576	23.1628	1.5937
2017-03-03 23:00:00	35.5882	56.5102	2.0111	1.4108	0.0502	23.1628	1.5992
2017-03-03 23:15:00	35.6001	56.5102	2.0118	0.6035	0.0215	23.1628	1.5997
2017-03-03 23:30:00	35.5652	56.5102	2.0098	0.4219	0.0150	23.1628	1.5982
2017-03-03 23:45:00	35.5055	56.5102	2.0064	0.3728	0.0132	23.1628	1.5955
2017-03-04 00:00:00	35.5241	56.5102	2.0075	0.3728	0.0132	23.1628	1.5963
2017-03-04 00:15:00	35.3819	56.5102	1.9994	0.2912	0.0103	23.1628	1.5899
2017-03-04 00:30:00	35.3246	56.5102	1.9962	0.2589	0.0091	23.1628	1.5873
2017-03-04 00:45:00	35.2104	56.5102	1.9897	0.2589	0.0091	23.1628	1.5822
2017-03-04 01:00:00 2017-03-04 01:15:00	35.1856	56.5102	1.9883	0.2589	0.0091	23.1628	1.5811
	35.1326	56.5102	1.9853	0.1997	0.0070	23.1628	1.5787

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-04 01:30:00	35.2334	56.5102	1.9910	0.1456	0.0051	23.1628	1.5832
2017-03-04 01:45:00	35.2899	56.5102	1.9942	0.1456	0.0051	23.1628	1.5858
2017-03-04 02:00:00	35.1441	56.5102	1.9860	0.1456	0.0051	23.1628	1.5792
2017-03-04 02:15:00	35.3090	56.5102	1.9953	0.1879	0.0066	23.1628	1.5866
2017-03-04 02:30:00	35.3468	56.5102	1.9975	0.2609	0.0092	23.1628	1.5883
2017-03-04 02:45:00	35.4734	56.5102	2.0046	0.2609	0.0093	23.1628	1.5940
2017-03-04 03:00:00	35.6538	56.5102	2.0148	0.2609	0.0093	23.1628	1.6021
2017-03-04 03:15:00	35.6896	56.5102	2.0168	0.1909	0.0068	23.1628	1.6037
2017-03-04 03:30:00	35.7628	56.5102	2.0210	0.1373	0.0049	23.1628	1.6070
2017-03-04 03:45:00	35.6830	56.5102	2.0165	0.1373	0.0049	23.1628	1.6034
2017-03-04 04:00:00	35.8481	56.5102	2.0258	0.1373	0.0049	23.1628	1.6109
2017-03-04 04:15:00	35.6871	56.5102	2.0167	0.1373	0.0049	23.1628	1.6036
2017-03-04 04:30:00	35.5793	56.5102	2.0106	0.1373	0.0049	23.1628	1.5988
2017-03-04 04:45:00	35.8753 35.8507	56.5102 56.5102	2.0273 2.0259	0.1373 0.1373	0.0049 0.0049	23.1628 23.1628	1.6121 1.6110
2017-03-04 05:00:00 2017-03-04 05:15:00	35.9430	56.5102	2.0259	0.1373	0.0049	23.1628	1.6151
2017-03-04 05:30:00	35.3742	56.5102	1.9990	0.1373	0.0049	23.1628	1.5896
2017-03-04 05:45:00	35.2402	56.5102	1.9914	0.1373	0.0049	23.1628	1.5836
2017-03-04 03:43:00	35.7149	56.5102	2.0183	0.1373	0.0048	23.1628	1.6049
2017-03-04 06:05:00	35.3015	56.5102	1.9949	0.1373	0.0049	23.1628	1.5863
2017-03-04 06:30:00	34.5959	56.5102	1.9550	0.1373	0.0048	23.1628	1.5546
2017-03-04 06:45:00	34.4654	56.5102	1.9476	0.1373	0.0048	23.1628	1.5487
2017-03-04 00:43:00	34.3660	56.5102	1.9470	0.0558	0.0047	23.1628	1.5443
2017-03-04 07:05:00	34.4670	56.5102	1.9477	0.1263	0.0013	23.1628	1.5488
2017-03-04 07:30:00	34.6226	56.5102	1.9565	0.0563	0.0020	23.1628	1.5558
2017-03-04 07:45:00	34.5195	56.5102	1.9507	0.0438	0.0015	23.1628	1.5512
2017-03-04 08:00:00	34.4607	56.5102	1.9474	0.0785	0.0027	23.1628	1.5485
2017-03-04 08:15:00	34.5092	56.5102	1.9501	0.0825	0.0028	23.1628	1.5507
2017-03-04 08:30:00	34.7256	56.5102	1.9624	0.1021	0.0035	23.1628	1.5604
2017-03-04 08:45:00	34.7761	56.5102	1.9652	0.1410	0.0049	23.1628	1.5627
2017-03-04 09:00:00	35.2377	56.5102	1.9913	0.1627	0.0057	23.1628	1.5834
2017-03-04 09:15:00	35.1905	56.5102	1.9886	0.1627	0.0057	23.1628	1.5813
2017-03-04 09:30:00	35.1563	56.5102	1.9867	0.1627	0.0057	23.1628	1.5798
2017-03-04 09:45:00	35.0229	56.5102	1.9791	0.1627	0.0057	23.1628	1.5738
2017-03-04 10:00:00	35.2184	56.5102	1.9902	0.6737	0.0237	23.1628	1.5826
2017-03-04 10:15:00	35.6125	56.5102	2.0125	1.7495	0.0623	23.1628	1.6003
2017-03-04 10:30:00	35.8121	56.5102	2.0237	1.6697	0.0598	23.1628	1.6092
2017-03-04 10:45:00	35.9079	56.5102	2.0292	1.1128	0.0400	23.1628	1.6136
2017-03-04 11:00:00	35.4316	56.5102	2.0022	0.7819	0.0277	23.1628	1.5922
2017-03-04 11:15:00	34.8436	56.5102	1.9690	0.3275	0.0114	23.1628	1.5657
2017-03-04 11:30:00	34.8453	56.5102	1.9691	0.2486	0.0087	23.1628	1.5658
2017-03-04 11:45:00	34.8768	56.5102	1.9709	0.4846	0.0169	23.1628	1.5672
2017-03-04 12:00:00	34.8881	56.5102	1.9715	4.7731	0.1665	23.1628	1.5677
2017-03-04 12:15:00	34.9169	56.5102	1.9732	4.8806	0.1704	23.1628	1.5690
2017-03-04 12:30:00	34.9363	56.5102	1.9743	2.8113	0.0982	23.1628	1.5699
2017-03-04 12:45:00	35.0139	56.5102	1.9786	0.4642	0.0163	23.1628	1.5734
2017-03-04 13:00:00	34.9675	73.2898	2.5628	0.2424	0.0085	23.1628	1.5713
2017-03-04 13:15:00	34.9209	125.7119	4.3900	0.2424	0.0085	23.1628	1.5692
2017-03-04 13:30:00	34.7668	110.4152	3.8388	0.2424	0.0084	23.1628	1.5623
2017-03-04 13:45:00	34.6796	104.9780	3.6406	0.2424	0.0084	23.1628	1.5584
2017-03-04 14:00:00	34.9056	77.3508	2.7000	1.0259	0.0358	23.1628	1.5685
2017-03-04 14:15:00	34.9515	45.0946	1.5761	3.9633	0.1385	23.1628	1.5706
2017-03-04 14:30:00	34.6175	44.2863	1.5331	0.9623	0.0333	23.1628	1.5556
2017-03-04 14:45:00	34.4229	44.2863	1.5245	0.3464	0.0119	23.1628	1.5468
2017-03-04 15:00:00	34.5580	44.2863	1.5304	0.2877	0.0099	23.1628	1.5529
2017-03-04 15:15:00	34.5267	58.5408	2.0212	0.3002	0.0104	23.1628	1.5515
2017-03-04 15:30:00	34.6506	77.3508	2.6803	0.2932	0.0102	23.1628	1.5571
2017-03-04 15:45:00	34.6362	77.3508	2.6791	0.2993	0.0104	23.1628	1.5564
2017-03-04 16:00:00	34.4832	77.3508	2.6673	0.3405	0.0117	23.1628	1.5495
2017-03-04 16:15:00	34.6769	53.1409	1.8428	1.3004	0.0451	23.1628	1.5582
2017-03-04 16:30:00	35.0660	44.4867	1.5600	0.4644	0.0163	23.1628	1.5757
2017-03-04 16:45:00	35.0302	55.3684	1.9396	0.3019	0.0106	23.1628	1.5741
2017-03-04 17:00:00	35.0449	77.3508	2.7108	0.2518	0.0088	23.1628	1.5748
2017-03-04 17:15:00	35.3873	77.3508	2.7372	0.3852	0.0136	23.1628	1.5902
2017-03-04 17:30:00	35.5471	77.3508	2.7496	0.1837	0.0065	23.1628	1.5973
2017-03-04 17:45:00	35.9142	77.3508	2.7780	0.2858	0.0103	23.1628	1.6138
2017-03-04 18:00:00	35.7656	58.4722	2.0913	1.6690	0.0597	23.1628	1.6072
2017-03-04 18:15:00	35.4011	44.4867	1.5749	0.3663	0.0130	23.1628	1.5908
2017-03-04 18:30:00	35.3124	44.4867	1.5709	0.3411	0.0120	23.1628	1.5868
2017-03-04 18:45:00	35.6788	53.5611	1.9110	0.2850	0.0102	23.1628	1.6033
2017-03-04 19:00:00	35.7827	77.5512	2.7750	0.2582	0.0092	23.1628	1.6079
2017-03-04 19:15:00	35.8832	77.5512	2.7828	0.1591	0.0057	23.1628	1.6124
2017-03-04 19:30:00	36.0533	77.5512	2.7960	0.1456	0.0052	23.1628	1.6201
2017-03-04 19:45:00	35.8977	44.7806	1.6075	0.1618	0.0058	23.1628	1.6131
2017-03-04 20:00:00	35.9621	44.4867	1.5998	0.9439	0.0339	23.1628	1.6160

Torontect			Point Source Air F	missions - A2 Nitric	Acid Stack			
2017-1014-2015-037 15.51910	Parameter	Volumetric Flow Rate					N:	20
2017-04-04-20-20-000 35-58-90 44-867 1-59-92 20-99-96 00-93-5 23-1-52-8 1-521- 2017-05-04-11-10-00 35-59-97 44-867 1-59-75 0-20-88 00-93-6 00-23-1-59-8 1-51-51-51-51-51-51-51-51-51-51-51-51-51	Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-09-04 120-000 35.5693 44.4867 1.5775 1.0000 35.5700 44.4867 1.5775 1.0000 2017-09-04 1115:000 35.5610 44.4867 1.0077 2017-09-04 1115:000 35.5610 44.4867 1.0077 2017-09-04 1115:000 36.0529 2017-09-04 1115:000 36.0529 2017-09-04 1115:000 36.0529 2017-09-04 1115:000 36.0529 2017-09-04 1115:000 36.0529 2017-09-04 1115:000 36.0529 3	2017-03-04 20:15:00	35.9350	44.4867	1.5986	1.2920	0.0464	23.1628	1.6148
2017-1904-191500 35-5075 44-4887 1-9775 0.7268 0.0101 27.1-568 1-915 2017-1904-191500 35-5030 44-4887 1-9299 1-914 47.1-2020 31.0-292 47.1-2028 1-922 1-92	2017-03-04 20:30:00	35.8714	44.4867	1.5958			23.1628	1.6119
2017-09-42 11-000								1.6113
2017-04-04-13-000 36-0556 44-4867 1-000 2717-2 0.5055 23.1-028 1-021 2017-04-12-2500 36-05133 44-4867 1-021 1-867 0.0056 23.1-028 1-021 2017-04-12-2500 36-0503 44-4867 1-023 1-027 0.0056 23.1-028 1-021 2017-04-12-2500 36-0603 44-4867 1-023 0.0755 0.0755 23.1-028 1-021 2017-04-12-2500 36-0603 44-4867 1-023 0.0755 0.0755 23.1-028 1-021 2017-04-12-2500 36-0603 44-4867 1-023 0.0755 0.0755 0.0755 23.1-028 1-021 2017-04-12-2500 36-0605 44-4867 1-021 0.0754 0.0755								1.6137
2817-1914-04 21-5500 36.0036 44.8867 1.6901 2.9172 0.3008 22.1028 1.6010 2017-1914-04 22-15000 36.0073 44.8867 1.6021 1.6021 0.0755 0.0755 0.21528 1.6010 2017-1914-04 22-15000 36.0039 44.8867 1.6023 0.0755 0.0755 0.0752 22.1528 1.6030 2017-1914-04 22-0000 36.0089 44.8867 1.6022 0.0042 0.0146 2.1528 1.6030 2017-1914-02 20000 36.0099 44.8867 1.6022 0.0042 0.0146 2.1528 1.602 2017-1914-02 20000 36.0092 44.8867 1.6028 3.0775 0.1106 23.1528 1.602 2017-1914-02 20000 36.0052 44.8867 1.6030 3.0775 0.1106 23.1528 1.602 2017-1914-02 20000 36.0052 44.8867 1.6036 3.0775 0.1106 23.1528 1.602 2017-1914-02 20000 3.0000 44.8867 1.6036 3.0775 0.1106 23.1528 1.602 2017-1914-02 0.00500 38.0052 44.8867 1.6036 2.0116 3.00752 2017-1914-05 0.00500 38.0052 44.8867 1.6036 2.0116 3.00752 2017-1914-05 0.00500 38.7217 44.8867 1.6936 2.00000 2017-1914-05 0.00500 38.7217 44.8867 1.5869 0.00500 2017-1914-05 0.00500 38.0155 44.8867 1.5869 0.00500 2017-1914-05 0.00500 38.0155 44.8867 1.5869 0.00500 2017-1914-05 0.00500 38.0155 44.8867 1.5869 0.00500 2017-1914-05 0.00500 38.0155 44.8867 1.5869 0.00500 2017-1914-05 0.00500 38.0155 44.8867 1.5869 1.0050 2017-1914-05 0.00500 38.0155 44.8867 1.5869 1.0050 2017-1914-05 0.00500 38.0155 44.8867 1.5869 1.0050 2017-1914-05 0.00500 38.0155 44.8867 1.5869 1.0050 0.0050 2.11028 1.0050 2017-1914-05 0.00500 38.0155 44.8867 1.5869 1.0050 0.0050 2.11028 1.0050 2017-1914-05 0.00500 38.0155 44.8867 1.5869 1.0050 0.0050 2.11028 1.0050 2017-1914-05 0.00500 38.0155 44.8867 1.5869 1.0050 0.0050 2.11028 1.0050 2017-1914-05 0.00500 38.0155 44.8867 1.5869 1.0050 0.0050 2.11028 1.0050 2017-1914-05 0.00500 38.0168 44.8867 1.5869 1.0050 0.0050 2.11028 1.0050 2.11028								1.6160
2007-09-14-225-000 36.073 44.4867 1.0027 0.0848 0.0293 22.1028 1.0027 2007-09-14-225-000 36.0039 34.4867 1.0032 0.0765 0.0172 23.1578 1.0031 2007-09-14-225-000 36.0039 34.4867 1.0032 0.0765 0.0172 23.1578 1.0031 2007-09-14-225-000 36.0039 34.4867 1.0032 0.0032 0.0036 23.1628 1.0032 2007-09-14-225-000 36.0039 34.4867 1.0032 0.0035 0.0036 23.1628 1.0032 0.0036								1.6219
2017-194-04-221-5000 56-0496 44-4867 1.6092 0.0766 0.0772 22.1028 1.6092 0.0776 0.0776 0.0772 22.1028 1.6092 0.0776 0.0776 0.0772 22.1028 1.6092 0.0776 0.0776 0.0772 0.0776 0.0772 0.0776 0.0772 0.0776								1.6202
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2017-03-05 03-4500 35.7432 44.4867 1.5901 0.2692 0.0096 23.1628 1.600 2017-03-05 04-1500 35.7302 44.4867 1.5867 0.2086 0.0074 23.1628 1.600 2017-03-05 04-1500 35.7302 44.4867 1.5925 0.2237 0.0080 23.1628 1.600 2017-03-05 04-4500 35.7899 44.4867 1.5903 0.2444 0.0087 23.1628 1.600 2017-03-05 05-0500 35.7372 44.4867 1.5903 0.2444 0.0087 23.1628 1.600 2017-03-05 05-0500 35.5346 44.4867 1.5736 0.1613 0.0057 23.1628 1.580 2017-03-05 05-1500 35.5346 44.4867 1.5808 0.1779 0.0663 23.1628 1.590 2017-03-05 05-3000 35.5174 44.4867 1.5809 0.1779 0.0663 23.1628 1.590 2017-03-05 05-3000 35.5174 44.4867 1.5803 0.1520 0.0057 23.1628 1.590 2017-03-05 05-3000 35.5901 44.4867 1.5803 0.1520 0.0057 23.1628 1.590 2017-03-05 06-54500 35.5901 44.4867 1.5803 0.1154 0.0041 23.1628 1.610 2017-03-05 06-1500 36.0225 44.4867 1.6070 0.1154 0.0042 23.1628 1.623 2017-03-05 06-3500 36.0225 44.4867 1.6002 0.1154 0.0042 23.1628 1.623 2017-03-05 06-3500 36.0488 44.4867 1.6002 0.1154 0.0042 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6037 0.1154 0.0041 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6037 0.1154 0.0041 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3976 0.0143 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3976 0.0143 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3976 0.0143 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3996 0.0041 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3996 0.0148 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3996 0.0148 23.1628 1.615 2017-03-05 08-5000 35.9533 44.4867 1.6098 0.3996 0.0148 23.1628 1.615 2017-03-05 08-5000 35.9533 44.4867 1.6098 0.3996 0.0128	2017-03-05 03:15:00		44.4867		0.9686	0.0346	23.1628	1.6049
2017-03-05 03-4500 35.7432 44.4867 1.5901 0.2692 0.0096 23.1628 1.600 2017-03-05 04-1500 35.7302 44.4867 1.5867 0.2086 0.0074 23.1628 1.600 2017-03-05 04-1500 35.7302 44.4867 1.5925 0.2237 0.0080 23.1628 1.600 2017-03-05 04-4500 35.7899 44.4867 1.5903 0.2444 0.0087 23.1628 1.600 2017-03-05 05-0500 35.7372 44.4867 1.5903 0.2444 0.0087 23.1628 1.600 2017-03-05 05-0500 35.5346 44.4867 1.5736 0.1613 0.0057 23.1628 1.580 2017-03-05 05-1500 35.5346 44.4867 1.5808 0.1779 0.0663 23.1628 1.590 2017-03-05 05-3000 35.5174 44.4867 1.5809 0.1779 0.0663 23.1628 1.590 2017-03-05 05-3000 35.5174 44.4867 1.5803 0.1520 0.0057 23.1628 1.590 2017-03-05 05-3000 35.5901 44.4867 1.5803 0.1520 0.0057 23.1628 1.590 2017-03-05 06-54500 35.5901 44.4867 1.5803 0.1154 0.0041 23.1628 1.610 2017-03-05 06-1500 36.0225 44.4867 1.6070 0.1154 0.0042 23.1628 1.623 2017-03-05 06-3500 36.0225 44.4867 1.6002 0.1154 0.0042 23.1628 1.623 2017-03-05 06-3500 36.0488 44.4867 1.6002 0.1154 0.0042 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6037 0.1154 0.0041 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6037 0.1154 0.0041 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3976 0.0143 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3976 0.0143 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3976 0.0143 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3996 0.0041 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3996 0.0148 23.1628 1.615 2017-03-05 07-1500 35.9533 44.4867 1.6098 0.3996 0.0148 23.1628 1.615 2017-03-05 08-5000 35.9533 44.4867 1.6098 0.3996 0.0148 23.1628 1.615 2017-03-05 08-5000 35.9533 44.4867 1.6098 0.3996 0.0128			44.4867		0.5471	0.0196	23.1628	1.6079
2017-93-05 09-15-00 35.7802 44.4867 1.5995 0.2237 0.0080 23.1628 1.608 2017-93-05 09-45-00 35.7829 44.4867 1.5922 0.2444 0.0087 23.1628 1.608 2017-93-05 05-0000 35.7722 44.4867 1.5903 0.2444 0.0087 23.1628 1.608 2017-93-05 05-0000 35.5732 44.4867 1.5903 0.1613 0.0057 23.1628 1.598 2017-93-05 05-10000 35.5146 44.4867 1.5908 0.1779 0.0063 23.1628 1.598 2017-93-05 05-3000 35.5144 44.4867 1.5801 0.1602 0.0057 23.1628 1.598 2017-93-05 05-45000 35.5901 44.4867 1.5801 0.1602 0.0067 23.1628 1.598 2017-93-05 06-6000 35.9266 44.4867 1.5983 0.1154 0.0041 23.1628 1.618 2017-93-05 06-1500 36.0225 44.4867 1.6070 0.1154 0.0042 23.1628 1.623 2017-93-05 06-9000 35.9266 44.4867 1.6037 0.1154 0.0042 23.1628 1.623 2017-93-05 06-9000 35.9486 44.4867 1.6037 0.1154 0.0042 23.1628 1.619 2017-93-05 06-4500 36.0488 44.4867 1.6037 0.1154 0.0042 23.1628 1.619 2017-93-05 07-1500 35.9333 44.4867 1.5994 0.3976 0.0143 23.1628 1.619 2017-93-05 07-1500 35.9486 44.4867 1.5994 0.3976 0.0143 23.1628 1.619 2017-93-05 07-1500 35.9533 44.4867 1.5994 0.3976 0.0143 23.1628 1.619 2017-93-05 08-1500 35.9533 44.4867 1.5994 0.3976 0.0143 23.1628 1.619 2017-93-05 08-1500 35.9533 44.4867 1.5995 0.0154 0.0042 23.1628 1.619 2017-93-05 08-1500 35.9533 44.4867 1.5995 0.0154 0.0042 23.1628 1.619 0.0042			44.4867			0.0096	23.1628	1.6062
201743-05 043-000 35.7899	2017-03-05 04:00:00	35.6668	44.4867	1.5867	0.2086	0.0074	23.1628	1.6027
2017-03-05 06-45-00 35.7472 44.4867 1.5903 0.2444 0.0057 23.1628 1.506 2017-03-05 05:0000 35.3732 44.4867 1.5736 0.1613 0.0057 23.1628 1.596 2017-03-05 05:3000 35.5146 44.4867 1.5801 0.1602 0.0057 23.1628 1.596 2017-03-05 05:3000 35.5174 44.4867 1.5801 0.1602 0.0057 23.1628 1.596 2017-03-05 05:4500 35.5901 44.4867 1.5801 0.1602 0.0057 23.1628 1.596 2017-03-05 06:1500 35.9266 44.4867 1.5983 0.1154 0.0041 23.1628 1.612 2017-03-05 06:1500 36.1233 44.4867 1.6070 0.1154 0.0042 23.1628 1.623 2017-03-05 06:1500 36.0225 44.4867 1.6025 0.1154 0.0042 23.1628 1.623 2017-03-05 06:4500 36.0488 44.4867 1.6037 0.1154 0.0042 23.1628 1.615 2017-03-05 07:0000 35.9486 44.4867 1.5994 0.3976 0.0143 23.1628 1.615 2017-03-05 07:0000 35.9533 44.4867 1.5994 0.3976 0.0143 23.1628 1.615 2017-03-05 07:3000 35.1566 44.4867 1.6085 0.8391 0.0303 23.1628 1.615 2017-03-05 07:3000 35.9533 44.4867 1.6085 0.8391 0.0303 23.1628 1.615 2017-03-05 07:3000 35.1566 44.4867 1.5997 0.3560 0.0197 23.1628 1.615 2017-03-05 07:3000 35.9537 44.4867 1.5997 0.3560 0.0128 23.1628 1.615 2017-03-05 08:3000 35.9337 44.4867 1.5987 0.3560 0.0128 23.1628 1.615 2017-03-05 08:3000 35.9357 44.4867 1.5987 0.3560 0.0128 23.1628 1.615 2017-03-05 08:3000 35.8554 44.4867 1.5987 0.3560 0.0088 23.1628 1.615 2017-03-05 08:4500 36.0406 44.4867 1.5987 0.3560 0.0088 23.1628 1.615 2017-03-05 08:4500 35.9322 44.4867 1.5987 0.3564 0.0128 23.1628 1.615 2017-03-05 08:4500 35.9324 44.4867 1.6003 0.2232 0.0080 23.1628 1.615 2017-03-05 08:4500 35.9325 44.4867 1.5987 0.3564 0.0128 23.1628 1.616 2017-03-05 08:0000 35.9364 44.4867 1.5987 0.3564 0.0128 23.1628 1.616 2017-03-05 09:0000 35.9364 44.4867 1.5987 0.3564 0.0128	2017-03-05 04:15:00	35.7302	44.4867	1.5895	0.2237	0.0080	23.1628	1.6056
2017-03-05 05:00:00 35.3732 44.4867 1.5736 0.1613 0.0057 23.1628 1.586 2017-03-05 05:15:00 35.5174 44.4867 1.5801 0.1602 0.0063 23.1628 1.596 2017-03-05 05:30:00 35.5174 44.4867 1.5803 0.1362 0.0048 23.1628 1.596 2017-03-05 05:05:00 35.5901 44.4867 1.5833 0.1362 0.0048 23.1628 1.599 2017-03-05 06:00:00 35.9566 44.4867 1.5803 0.1354 0.0041 23.1628 1.692 2017-03-05 06:00:00 35.9566 44.4867 1.6070 0.1154 0.0042 23.1628 1.622 2017-03-05 06:03:00 36.0225 44.4867 1.6070 0.1154 0.0042 23.1628 1.623 2017-03-05 06:03:00 36.0225 44.4867 1.6025 0.1154 0.0042 23.1628 1.618 2017-03-05 06:05:00 36.0488 44.4867 1.6037 0.1154 0.0042 23.1628 1.619 2017-03-05 07:00:00 35.9486 44.4867 1.5992 0.1154 0.0041 23.1628 1.615 2017-03-05 07:00:00 35.9533 44.4867 1.5992 0.1154 0.0041 23.1628 1.615 2017-03-05 07:00:00 35.9533 44.4867 1.6085 0.8391 0.0303 23.1628 1.622 2017-03-05 07:45:00 35.9533 44.4867 1.6085 0.8391 0.0303 23.1628 1.622 2017-03-05 08:00:00 35.9329 44.4867 1.6085 0.8391 0.0303 23.1628 1.622 2017-03-05 08:00:00 35.9327 44.4867 1.5987 0.3560 0.0128 23.1628 1.613 2017-03-05 08:00:00 35.9371 44.4867 1.5987 0.3560 0.0088 23.1628 1.613 2017-03-05 08:00:00 35.9525 44.4867 1.5987 0.3363 0.0121 23.1628 1.613 2017-03-05 08:00:00 35.9525 44.4867 1.5987 0.3363 0.0121 23.1628 1.613 2017-03-05 09:00:00 35.9252 44.4867 1.5937 0.2322 0.0084 23.1628 1.614 2017-03-05 09:00:00 35.9252 44.4867 1.5937 0.2323 0.0084 23.1628 1.612 2017-03-05 09:00:00 35.9252 44.4867 1.5937 0.2323 0.0084 23.1628 1.612 2017-03-05 09:00:00 35.9252 44.4867 1.5937 0.2333 0.0086 23.1628 1.612 2017-03-05 09:00:00 35.9352 44.4867 1.5937 0.2509 0.0187 23.1628 1.612 2017-03-05 09:00:00 35.9352 44.4867 1	2017-03-05 04:30:00	35.7899	44.4867	1.5922	0.2444	0.0087	23.1628	1.6083
2017-03-05 05:15.00 35.546 44.4867 1.5808 0.1779 0.0063 23.1628 1.596 2017-03-05 05:30:00 35.5174 44.4867 1.5801 0.1602 0.0057 23.1628 1.596 2017-03-05 05:45:00 35.5901 44.4867 1.5833 0.1362 0.0041 23.1628 1.599 2017-03-05 06:15:00 36.1233 44.4867 1.6938 0.1154 0.0041 23.1628 1.618 2017-03-05 06:15:00 36.0235 44.4867 1.6025 0.1154 0.0042 23.1628 1.618 2017-03-05 06:45:00 36.0488 44.4867 1.6025 0.1154 0.0042 23.1628 1.618 2017-03-05 06:45:00 35.9486 44.4867 1.6037 0.1154 0.0042 23.1628 1.618 2017-03-05 07:00:00 35.9486 44.4867 1.5992 0.1154 0.0041 23.1628 1.618 2017-03-05 07:30:00 35.9586 44.4867 1.5992 0.1154 0.0041 23.1628 1.615 2017-03-05 07:30:00 36.1566 44.4867 1.6085 0.38391 0.0303 23.1628 1.615 2017-03-05 07:45:00 35.9929 44.4867 1.6012 0.5479 0.0197 23.1628 1.617 2017-03-05 07:45:00 35.9929 44.4867 1.5997 0.3560 0.0128 23.1628 1.617 2017-03-05 07:45:00 35.9371 44.4867 1.5997 0.3560 0.0128 23.1628 1.618 2017-03-05 08:45:00 35.9371 44.4867 1.5985 0.3661 0.0121 23.1628 1.618 2017-03-05 08:45:00 35.9371 44.4867 1.5985 0.2453 0.0088 23.1628 1.618 2017-03-05 08:45:00 35.9372 44.4867 1.5985 0.2453 0.0088 23.1628 1.619 2017-03-05 08:45:00 35.9328 44.4867 1.5985 0.2232 0.0080 23.1628 1.619 2017-03-05 09:00:00 35.9252 44.4867 1.5987 0.3560 0.0128 23.1628 1.619 2017-03-05 09:00:00 35.9328 44.4867 1.5987 0.3560 0.0128 23.1628 1.619 2017-03-05 09:00:00 35.9326 44.4867 1.5997 0.3564 0.0080 23.1628 1.619 2017-03-05 09:00:00 35.9326 44.4867 1.5997 0.3564 0.0080 23.1628 1.619 2017-03-05 09:00:00 35.9326 44.4867 1.5997 0.3564 0.0128 23.1628 1.619 2017-03-05 10:00:00 35.9362 44.4867 1.5997 0.3564 0.0128 23.1628 1.619 2017-03-05 10:00:00 35.9362 44.4867 1	2017-03-05 04:45:00	35.7472	44.4867	1.5903	0.2444	0.0087	23.1628	1.6063
2017-03-05 05-30.00 35.5174 44.4867 1.5801 0.1602 0.0057 23.1628 1.596 2017-03-05 05-0500 35.5901 44.4867 1.5833 0.1154 0.0041 23.1628 1.599 2017-03-05 06-05000 35.9266 44.4867 1.5983 0.1154 0.0041 23.1628 1.618 2017-03-05 06-30.00 36.0225 44.4867 1.6007 0.1154 0.0042 23.1628 1.623 2017-03-05 06-30.00 36.0225 44.4867 1.6007 0.1154 0.0042 23.1628 1.618 2017-03-05 06-45.00 36.0428 44.4867 1.6037 0.1154 0.0042 23.1628 1.618 2017-03-05 06-45.00 35.9486 44.4867 1.5992 0.1154 0.0041 23.1628 1.615 2017-03-05 07-30.00 35.9533 44.4867 1.5992 0.1154 0.0041 23.1628 1.615 2017-03-05 07-30.00 36.1566 44.4867 1.6085 0.8391 0.0303 23.1628 1.624 2017-03-05 07-30.00 35.9533 44.4867 1.6005 0.5479 0.0197 23.1628 1.615 2017-03-05 07-30.00 35.9317 44.4867 1.5997 0.3560 0.0128 23.1628 1.617 2017-03-05 08-03.00 35.9317 44.4867 1.5987 0.3560 0.0128 23.1628 1.617 2017-03-05 08-30.00 35.9371 44.4867 1.5987 0.3560 0.0128 23.1628 1.618 2017-03-05 08-30.00 35.8654 44.4867 1.5995 0.2453 0.0088 23.1628 1.619 2017-03-05 08-30.00 35.8654 44.4867 1.5995 0.2453 0.0088 23.1628 1.619 2017-03-05 08-30.00 35.9728 44.4867 1.5992 0.2232 0.0084 23.1628 1.619 2017-03-05 09-30.00 35.9728 44.4867 1.5992 0.2232 0.0080 23.1628 1.619 2017-03-05 09-30.00 35.8264 44.4867 1.5993 0.2232 0.0080 23.1628 1.619 2017-03-05 09-30.00 35.8264 44.4867 1.5994 0.3640 0.0130 23.1628 1.619 2017-03-05 10-30.00 35.8264 44.4867 1.5994 0.3640 0.0130 23.1628 1.619 2017-03-05 10-30.00 35.8266 44.4867 1.5994 0.3640 0.0130 23.1628 1.619 2017-03-05 10-30.00 35.8266 44.4867 1.5994 0.3640 0.0128 23.1628 1.619 2017-03-05 10-30.00 35.9262 44.4867 1.5994 0.3640 0.0128 23.1628 1.619 2017-03-05 10-30.00 35.9264 44.4867 1.	2017-03-05 05:00:00	35.3732	44.4867	1.5736	0.1613	0.0057	23.1628	1.5895
2017-03-05 05-05-00 35.5901 44.4867 1.5833 0.1362 0.0048 23.1628 1.599 2017-03-05 06-05-00 35.5266 44.4867 1.5983 0.1154 0.0042 23.1628 1.624 2017-03-05 06-15-00 36.1223 44.4867 1.6070 0.1154 0.0042 23.1628 1.623 2017-03-05 06-45-00 36.0225 44.4867 1.6025 0.1154 0.0042 23.1628 1.618 2017-03-05 06-45-00 36.0488 44.4867 1.6025 0.1154 0.0042 23.1628 1.618 2017-03-05 07-05-00 35.9486 44.4867 1.5992 0.1154 0.0041 23.1628 1.615 2017-03-05 07-05-00 35.9486 44.4867 1.5992 0.1154 0.0041 23.1628 1.615 2017-03-05 07-35-00 35.9533 44.4867 1.5994 0.3976 0.0143 23.1628 1.615 2017-03-05 07-35-00 35.9533 44.4867 1.6085 0.8391 0.0303 23.1628 1.615 2017-03-05 08-00-00 35.9317 44.4867 1.6012 0.5479 0.0197 23.1628 1.615 2017-03-05 08-00-00 35.9317 44.4867 1.5997 0.3560 0.0128 23.1628 1.613 2017-03-05 08-00-00 35.9371 44.4867 1.5997 0.3560 0.0121 23.1628 1.613 2017-03-05 08-00-00 35.9371 44.4867 1.5997 0.3560 0.0121 23.1628 1.614 2017-03-05 08-05-00 35.9354 44.4867 1.5995 0.2453 0.0088 23.1628 1.615 2017-03-05 08-05-00 35.9352 44.4867 1.603 0.2232 0.0080 23.1628 1.614 2017-03-05 09-05-00 35.9252 44.4867 1.5995 0.2232 0.0080 23.1628 1.614 2017-03-05 09-05-00 35.9252 44.4867 1.5996 0.2232 0.0080 23.1628 1.614 2017-03-05 09-05-00 35.9252 44.4867 1.5996 0.0232 0.0080 23.1628 1.616 2017-03-05 09-05-00 35.9328 44.4867 1.5997 0.3564 0.0138 23.1628 1.616 2017-03-05 10-05-00 35.9324 44.4867 1.5997 0.3564 0.0138 23.1628 1.616 2017-03-05 10-05-00 35.9324 44.4867 1.5997 0.3564 0.0138 23.1628 1.616 2017-03-05 10-05-00 35.9324 44.4867 1.5997 0.3564 0.0138 23.1628 1.616 2017-03-05 10-05-00 35.9362 44.4867 1.5997 0.3564 0.0128 23.1628 1.616 2017-03-05 10-05-00 35.9362 44.4867 1.	2017-03-05 05:15:00	35.5346	44.4867	1.5808	0.1779	0.0063	23.1628	1.5968
2017-03-05 06:00:00 35.9266	2017-03-05 05:30:00	35.5174	44.4867	1.5801	0.1602	0.0057	23.1628	1.5960
2017-03-05 06:15:00 36.1233 44.4867 1.6070 0.1154 0.0042 23.1628 1.623	2017-03-05 05:45:00	35.5901	44.4867	1.5833	0.1362	0.0048	23.1628	1.5993
2017-03-05 06:30:00 36.0225 44.4867 1.6025 0.1154 0.0042 23.1628 1.618 2017-03-05 07:00:00 35.9486 44.4867 1.5992 0.1154 0.0041 23.1628 1.615 2017-03-05 07:30:00 35.9486 44.4867 1.5994 0.3976 0.0143 23.1628 1.615 2017-03-05 07:30:00 36.1566 44.4867 1.6035 0.8391 0.0303 23.1628 1.615 2017-03-05 07:45:00 35.9323 44.4867 1.6012 0.5479 0.0197 23.1628 1.615 2017-03-05 07:45:00 35.9329 44.4867 1.6012 0.5479 0.0197 23.1628 1.615 2017-03-05 08:00:00 35.9137 44.4867 1.5997 0.3560 0.0128 23.1628 1.613 2017-03-05 08:15:00 35.9371 44.4867 1.5997 0.3450 0.0088 23.1628 1.613 2017-03-05 08:30:00 35.8654 44.4867 1.5995 0.2453 0.0088 23.1628 1.619 2017-03-05 08:30:00 35.9522 44.4867 1.5992 0.2232 0.0080 23.1628 1.619 2017-03-05 09:00:00 35.9522 44.4867 1.5982 0.2232 0.0080 23.1628 1.616 2017-03-05 09:00:00 35.9522 44.4867 1.5982 0.2232 0.0080 23.1628 1.616 2017-03-05 09:00:00 35.9528 44.4867 1.5993 0.2232 0.0080 23.1628 1.616 2017-03-05 09:00:00 35.9528 44.4867 1.6003 0.2232 0.0080 23.1628 1.616 2017-03-05 09:00:00 35.8546 44.4867 1.5994 0.3640 0.0130 23.1628 1.616 2017-03-05 09:05:00 35.8393 44.4867 1.5994 0.3640 0.0130 23.1628 1.620 2017-03-05 10:05:00 35.8246 44.4867 1.5997 0.3564 0.018 23.1628 1.621 2017-03-05 10:05:00 35.9362 44.4867 1.5997 0.3564 0.0128 23.1628 1.623 2017-03-05 10:05:00 35.9362 44.4867 1.5997 0.3564 0.0128 23.1628 1.623 2017-03-05 10:05:00 35.9362 44.4867 1.5997 0.3564 0.0128 23.1628 1.623 2017-03-05 10:05:00 35.9362 44.4867 1.6004 0.3545 0.0128 23.1628 1.623 2017-03-05 10:05:00 35.9362 44.4867 1.6004 0.3545 0.0128 23.1628 1.623 2017-03-05 10:05:00 35.93726 44.4867 1.6004 0.3545 0.0128 23.1628 1.623 2017-03-05 11:05:00 35.93726 44.4867	2017-03-05 06:00:00	35.9266	44.4867	1.5983	0.1154	0.0041	23.1628	1.6144
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2017-03-05 07:15:00 35.9533 44.4867 1.5994 0.3976 0.0143 23.1628 1.615	2017-03-05 06:45:00	36.0488	44.4867	1.6037	0.1154	0.0042	23.1628	1.6199
2017-03-05 07:30:00 36.1566 44.4867 1.6085 0.8391 0.0303 23.1628 1.624 2017-03-05 07:45:00 35.9929 44.4867 1.6012 0.5479 0.0197 23.1628 1.617 2017-03-05 08:15:00 35.9137 44.4867 1.5977 0.3560 0.0128 23.1628 1.613 2017-03-05 08:15:00 35.9371 44.4867 1.5987 0.3363 0.0121 23.1628 1.613 2017-03-05 08:45:00 35.8654 44.4867 1.5955 0.2453 0.0088 23.1628 1.614 2017-03-05 08:45:00 36.0406 44.4867 1.6033 0.2323 0.0084 23.1628 1.614 2017-03-05 09:00:00 35.9252 44.4867 1.6003 0.2323 0.0080 23.1628 1.614 2017-03-05 09:15:00 35.9728 44.4867 1.6003 0.2232 0.0080 23.1628 1.616 2017-03-05 09:30:00 36.1072 44.4867 1.6003 0.2383 0.0086 23.1628 1.622 2017-03-05 09:30:00 35.8393 44.4867 1.5984 0.3640 0.0130 23.1628 1.622 2017-03-05 09:00:00 35.8393 44.4867 1.5937 0.5209 0.0187 23.1628 1.622 2017-03-05 10:30:00 35.8246 44.4867 1.5937 0.5209 0.0187 23.1628 1.623 2017-03-05 10:30:00 35.9104 44.4867 1.5975 0.3564 0.0128 23.1628 1.623 2017-03-05 10:30:00 35.9962 44.4867 1.5997 0.3564 0.0128 23.1628 1.632 2017-03-05 10:30:00 35.9962 44.4867 1.5997 0.3564 0.0128 23.1628 1.613 2017-03-05 11:15:00 36.041 44.4867 1.6014 0.3545 0.0128 23.1628 1.617 2017-03-05 11:15:00 36.041 44.4867 1.6014 0.3545 0.0128 23.1628 1.617 2017-03-05 11:15:00 36.041 44.4867 1.6044 0.3031 0.0109 23.1628 1.619 2017-03-05 11:15:00 36.041 44.4867 1.6044 0.3031 0.0109 23.1628 1.619 2017-03-05 11:15:00 36.041 44.4867 1.6044 0.3031 0.0109 23.1628 1.619 2017-03-05 11:15:00 36.041 44.4867 1.6044 0.3031 0.0109 23.1628 1.619 2017-03-05 11:15:00 36.0416 44.4867 1.6044 0.3031 0.0109 23.1628 1.619 2017-03-05 11:15:00 36.0641 44.4867 1.6045 0.9706 0.0350 23.1628 1.619 2017-03-05 11:15:00 36.0746 44.4867 1.6048	2017-03-05 07:00:00	35.9486	44.4867	1.5992	0.1154	0.0041	23.1628	1.6154
2017-03-05 07:45:00 35.9929	2017-03-05 07:15:00	35.9533	44.4867	1.5994	0.3976		23.1628	1.6156
2017-03-05 08:00:00 35.9137	2017-03-05 07:30:00	36.1566	44.4867	1.6085	0.8391	0.0303	23.1628	1.6247
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December Volumentic Note NOS NS 1999 19			Point Source Air E	missions - A2 Nitric	Acid Stack			
2007-346 61 5150000 15.1060 15	Parameter	Volumetric Flow Rate					N	20
2017-196 5 125-000 2017-196 5 125-000 2017-196 5 125-000 2017-196 5 125-000 2017-196 5 125-0000 2017-196 5 127-00000 2017-196 5 127-00000 2017-196 5 127-00000 2017-196 5 127-000000 2017-196 5 127-000000000000000000000000000000			, , , , , , , , , , , , , , , , , , ,					g/s
2017-06-05-15-0000 3-2-2-1000 4-6-4887 1-57574 0-1220 0-000-6 2-3-1078 1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2								1.5904
2007-06-51 15-0009								1.5810
2017-146-05-140-0000 3-5-467 4-4-4867 1-5778 0.1579 0.0559 23-1478 1-5 2017-146-05-140-0000 3-5-465 4-4-4867 1-5950 0.0568 23-1478 1-5 2017-146-05-140-0000 3-5-465 4-4-4867 1-5950 0.0588 0.0007 23-1478 1-5 2017-146-05-140-000 3-5-566 4-4-4867 1-5970 0.1586 0.0007 23-1478 1-5 2017-146-05-170-1500 3-5-5766 4-4-4867 1-5970 0.1586 0.0007 23-1478 1-5 2017-146-05-170-1500 3-5-5766 4-4-4867 1-5971 0.2009 0.0004 23-1478 1-5 2017-146-05-170-1500 3-5-5766 4-4-4867 1-5971 0.2009 0.0004 23-1478 1-5 2017-146-05-170-1500 3-5-5766 4-4-4867 1-5971 0.2009 0.0004 23-1478 1-5 2017-146-05-170-1500 3-5-5766 4-4-4867 1-5971 0.2009 0.0001 23-1478 1-5 2017-146-05-170-1500 3-5-5766 4-4-4867 1-5768 0.2009 0.0001 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0001 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0001 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0001 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0001 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0007 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0007 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0007 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0007 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0007 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0007 23-1478 1-5 2017-146-05-180-000 3-4-4-4867 1-5768 0.2009 0.0007 23-1478 0.0009 0.0007 23-1478 0.0009 0								1.5870
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2017-09-08-18-00-00 34-94-15 44-8867 1.55-86 0.2001 0.0080 2.11-628 1.5 2017-09-08-18-00-00 34-71-03 71-71-18 2.4868 0.31-97 0.011-11 2.11-628 1.5 2017-09-08-18-00-00 35-026-6 77.35-08 2.76-88 0.2225 0.0077 2.31-628 1.5 2017-09-08-19-00-00 35-026-6 77.35-08 2.76-28 0.009-6 2.11-628 1.5 2017-09-08-19-00-00 35-026-6 77.35-08 2.76-28 0.009-6 2.31-628 1.5 2017-09-08-19-00-00 34-99-16 77.35-08 2.70-21 0.16-44 0.006-7 2.31-628 1.5 2017-09-08-19-08-00 34-99-16 77.35-08 2.71-21 0.16-44 0.006-7 2.31-628 1.5 2017-09-08-19-08-00 34-99-16 77.35-08 2.71-21 0.16-44 0.006-7 2.31-628 1.5 2017-09-08-19-08-00 34-99-16 77.35-08 2.70-21 0.16-44 0.006-7 2.31-628 1.5 2017-09-08-09-00-00 34-99-16 77.35-08 2.70-21 0.16-44 0.006-7 2.31-628 1.5 2017-09-08-09-00-00 34-99-16 77.35-08 2.70-21 0.16-44 0.006-7 2.31-628 1.5 2017-09-08-09-08-00 34-99-16 44-48-67 1.55-17 1.59-7 0.05-25 2.31-638 1.5 2017-09-08-09-08-00 34-99-16 44-48-67 1.55-17 2.36-00 0.0000 2.31-628 1.5 2017-09-08-09-16-09 34-99-16 44-48-67 1.55-17 2.36-00 0.0000 2.31-628 1.5 2017-09-08-09-16-09 33-38-80 44-48-67 1.55-17 2.36-00 0.0000 2.31-628 1.5 2017-09-08-09-16-09 33-38-80 44-48-67 1.55-17 2.36-00 0.0000 2.31-628 1.5 2017-09-08-09-16-09-08-09-08-08-08-08-08-08-08-08-08-08-08-08-08-								1.5729
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2017-03-05 23-30-00 35.1479 44.4867 1.5696 0.9499 0.0334 23.1628 1.5 2017-03-05 23-35-00 35.2787 44.4867 1.5694 0.3117 0.0110 23.1628 1.5 2017-03-06 00-00-00 35.3694 67.9257 2.4022 0.3037 0.0107 23.1628 1.5 2017-03-06 00-15-00 35.3602 77.5512 2.7832 0.1971 0.0070 23.1628 1.5 2017-03-06 00-05-00 35.4004 77.5512 2.7852 0.1971 0.0070 23.1628 1.5 2017-03-06 00-05-00 35.5579 77.5512 2.7576 0.1971 0.0070 23.1628 1.5 2017-03-06 01-05-00 35.5508 77.5512 2.7576 0.1971 0.0070 23.1628 1.5 2017-03-06 01-05-00 35.5508 77.5512 2.7570 0.1971 0.0070 23.1628 1.5 2017-03-06 01-15-00 35.3961 77.5512 2.7866 0.1971 0.0070 23.1628 1.5 2017-03-06 01-15-00 35.5200 77.5512 2.7556 0.1971 0.0070 23.1628 1.5 2017-03-06 01-15-00 35.5220 77.5512 2.7552 0.1971 0.0070 23.1628 1.5 2017-03-06 02-15-00 35.5228 77.5512 2.7552 0.1443 0.0051 23.1628 1.5 2017-03-06 02-15-00 35.5228 77.5512 2.7548 0.0831 0.0030 23.1628 1.5 2017-03-06 02-15-00 35.3235 77.5512 2.7548 0.0831 0.0030 23.1628 1.5 2017-03-06 03-0000 35.3168 77.5512 2.7548 0.0831 0.0030 23.1628 1.5 2017-03-06 03-0000 35.3223 77.5512 2.7345 0.0831 0.0029 23.1628 1.5 2017-03-06 03-0000 35.3147 77.5512 2.7345 0.0831 0.0029 23.1628 1.5 2017-03-06 03-15-00 35.1942 77.5512 2.7234 0.0831 0.0029 23.1628 1.5 2017-03-06 03-15-00 35.1942 77.5512 2.7234 0.0831 0.0029 23.1628 1.5 2017-03-06 03-15-00 35.1942 77.5512 2.7234 0.0831 0.0029 23.1628 1.5 2017-03-06 03-15-00 35.1942 77.5512 2.7234 0.0831 0.0029 23.1628 1.5 2017-03-06 03-15-00 35.103 71.9402 2.5260 0.0831 0.0029 23.1628 1.5 2017-03-06 03-15-00 35.103 71.9402 2.5260 0.0831 0.0029 23.1628 1.5 2017-03-06 03-15-00 35.203 71.9402 2.5374 0.0831 0.0030 23.1628 1.6 2017-03-06	2017-03-05 23:00:00	34.9965	44.4867	1.5569	11.2287	0.3930	23.1628	1.5726
2017-03-06 23-045:00 35.2787 44.4867 1.5694 0.3117 0.0110 23.1628 1.5 2017-03-06 00:00:00 35.3649 67.9257 2.4022 0.3037 0.0107 23.1628 1.5 2017-03-06 00:01:500 35.3082 77.5512 2.7832 0.1971 0.0070 23.1628 1.5 2017-03-06 00:00:00 35.4004 77.5512 2.7433 0.1971 0.0070 23.1628 1.5 2017-03-06 00:00:00 35.5598 77.5512 2.7750 0.1971 0.0070 23.1628 1.5 2017-03-06 01:15:00 35.5508 77.5512 2.7750 0.1971 0.0070 23.1628 1.5 2017-03-06 01:15:00 35.7000 77.5512 2.7750 0.1971 0.0070 23.1628 1.5 2017-03-06 01:15:00 35.7000 77.5512 2.7755 0.1971 0.0070 23.1628 1.5 2017-03-06 01:15:00 35.7000 77.5512 2.7755 0.1971 0.0070 23.1628 1.5 2017-03-06 01:00-00 35.5320 77.5512 2.7555 0.1971 0.0070 23.1628 1.5 2017-03-06 02:00:00 35.5320 77.5512 2.7555 0.1971 0.0070 23.1628 1.5 2017-03-06 02:30:00 35.5328 77.5512 2.7548 0.0831 0.0031 23.1628 1.5 2017-03-06 02:30:00 35.5328 77.5512 2.7545 0.0831 0.0030 23.1628 1.5 2017-03-06 02:30:00 35.3235 77.5512 2.7345 0.0831 0.0030 23.1628 1.5 2017-03-06 03:00:00 35.3235 77.5512 2.7315 0.0831 0.0029 23.1628 1.5 2017-03-06 03:00:00 35.223 77.5512 2.7315 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.3194 77.5512 2.7315 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.1325 77.5512 2.7315 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.1342 77.5512 2.7344 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.1342 77.5512 2.7315 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.1343 77.5512 2.7344 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.1343 77.5512 2.7344 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.105 71.9002 2.560 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.0354 71.9002 2.560 0.0831 0.0029 23.1628 1.5 2017-0	2017-03-05 23:15:00	35.1932	44.4867	1.5656	6.3616	0.2239	23.1628	1.5814
2017-03-06 00:00:00 35.3649 67.9257 2.4022 0.3037 0.0107 23.1628 1.5 2017-03-06 00:30:00 35.4004 77.5512 2.7882 0.1971 0.0070 23.1628 1.5 2017-03-06 00:30:00 35.4004 77.5512 2.7852 0.1971 0.0070 23.1628 1.5 2017-03-06 00:30:00 35.5599 77.5512 2.7576 0.1971 0.0070 23.1628 1.5 2017-03-06 01:00:00 35.5598 77.5512 2.7576 0.1971 0.0070 23.1628 1.5 2017-03-06 01:15:00 35.3961 77.5512 2.7570 0.1971 0.0070 23.1628 1.5 2017-03-06 01:15:00 35.3000 77.5512 2.7686 0.1971 0.0070 23.1628 1.5 2017-03-06 01:30:00 35.7000 77.5512 2.7686 0.1971 0.0070 23.1628 1.5 2017-03-06 01:30:00 35.5320 77.5512 2.7555 0.1971 0.0070 23.1628 1.5 2017-03-06 02:30:00 35.5228 77.5512 2.7552 0.1443 0.0051 23.1628 1.5 2017-03-06 02:30:00 35.5186 77.5512 2.7548 0.0831 0.0030 23.1628 1.5 2017-03-06 02:30:00 35.5186 77.5512 2.7545 0.0831 0.0030 23.1628 1.5 2017-03-06 03:00:00 35.2325 77.5512 2.7394 0.0831 0.0029 23.1628 1.5 2017-03-06 03:30:00 35.1324 77.5512 2.7393 0.0831 0.0029 23.1628 1.5 2017-03-06 03:30:00 35.1373 77.5512 2.7393 0.0831 0.0029 23.1628 1.5 2017-03-06 03:30:00 35.1373 77.5512 2.7393 0.0831 0.0029 23.1628 1.5 2017-03-06 03:30:00 35.1373 77.5512 2.7393 0.0831 0.0029 23.1628 1.5 2017-03-06 03:30:00 35.1173 77.5512 2.7394 0.0831 0.0029 23.1628 1.5 2017-03-06 03:30:00 35.1173 77.5512 2.7393 0.0831 0.0029 23.1628 1.5 2017-03-06 03:30:00 35.1173 77.5512 2.7393 0.0831 0.0029 23.1628 1.5 2017-03-06 03:30:00 35.1173 77.5512 2.7393 0.0831 0.0029 23.1628 1.5 2017-03-06 03:30:00 35.1173 77.5512 2.7393 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.0344 39.9396 3.2914 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.0344 37.9402 2.5870 0.0831 0.0029 23.1628 1.5 2017	2017-03-05 23:30:00	35.1479	44.4867	1.5636	0.9499	0.0334	23.1628	1.5794
2017-03-06 00:15:00 35.3082 77.5512 2.7882 0.1971 0.0070 23.1628 1.5	2017-03-05 23:45:00	35.2787	44.4867	1.5694	0.3117	0.0110	23.1628	1.5853
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2017-03-06 00:45:00 35.5579 77.5512 2.7576 0.1971 0.0070 23.1628 1.5	2017-03-06 00:15:00	35.3082	77.5512	2.7382	0.1971	0.0070	23.1628	1.5866
2017-03-06 01:00:00 35.5508 77.5512 2.7570 0.1971 0.0070 23.1628 1.5	2017-03-06 00:30:00	35.4004	77.5512	2.7453	0.1971	0.0070	23.1628	1.5907
2017-03-06 01:15:00 35.3961 77.5512 2.7450 0.1971 0.0070 23.1628 1.5	2017-03-06 00:45:00	35.5579	77.5512	2.7576	0.1971	0.0070	23.1628	1.5978
2017-03-06 01:30:00 35.7000 77.5512 2.7686 0.1971 0.0070 23.1628 1.66 2017-03-06 01:45:00 35.5320 77.5512 2.7555 0.1971 0.0070 23.1628 1.56 2017-03-06 02:05:00 35.5272 77.5512 2.7552 0.1443 0.0031 23.1628 1.5 2017-03-06 02:15:00 35.5228 77.5512 2.7548 0.0831 0.0030 23.1628 1.5 2017-03-06 02:45:00 35.5186 77.5512 2.7545 0.0831 0.0030 23.1628 1.5 2017-03-06 02:45:00 35.3235 77.5512 2.7545 0.0831 0.0029 23.1628 1.5 2017-03-06 03:00:00 35.1942 77.5512 2.7394 0.0831 0.0029 23.1628 1.5 2017-03-06 03:00:00 35.1942 77.5512 2.7393 0.0831 0.0029 23.1628 1.5 2017-03-06 03:00:00 35.1942 77.5512 2.7233 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.0165 71.9402 2.5187 0.0831 0.0029 23.1628 1.5 2017-03-06 03:45:00 35.0105 71.9402 2.5187 0.0831 0.0029 23.1628 1.5 2017-03-06 04:50:00 35.1125 71.9402 2.5260 0.0831 0.0029 23.1628 1.5 2017-03-06 04:50:00 35.1125 71.9402 2.5260 0.0831 0.0029 23.1628 1.5 2017-03-06 04:50:00 35.1643 71.9402 2.5260 0.0831 0.0029 23.1628 1.5 2017-03-06 04:50:00 35.1643 71.9402 2.5260 0.0831 0.0029 23.1628 1.5 2017-03-06 04:50:00 35.31643 71.9402 2.5260 0.0831 0.0029 23.1628 1.5 2017-03-06 06:05:00:00 35.2311 71.9402 2.5345 0.0831 0.0029 23.1628 1.5 2017-03-06 06:05:00:00 35.2311 71.9402 2.5345 0.0831 0.0029 23.1628 1.5 2017-03-06 06:05:00:00 35.2698 71.9402 2.5540 0.0831 0.0029 23.1628 1.5 2017-03-06 06:05:00:00 35.2698 71.9402 2.5401 0.0831 0.0029 23.1628 1.5 2017-03-06 06:05:00:00 35.2698 71.9402 2.5401 0.0831 0.0029 23.1628 1.5 2017-03-06 06:05:00:00 35.2698 71.9402 2.5400 0.0831 0.0030 23.1628 1.5 2017-03-06 06:05:00:00 35.8696 71.9402 2.5774 0.0831 0.0030 23.1628 1.6 2017-03-06 06:05:00:00 35.8696 71.9402 2.5791 0.0831 0.	2017-03-06 01:00:00	35.5508	77.5512	2.7570	0.1971	0.0070	23.1628	1.5975
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2017-03-06 05:45:00 35.5850 71.9402 2.5600 0.0831 0.0030 23.1628 1.5 2017-03-06 06:00:00 35.7714 71.9402 2.5734 0.0831 0.0030 23.1628 1.6 2017-03-06 06:15:00 35.8696 71.9402 2.5805 0.0831 0.0030 23.1628 1.6 2017-03-06 06:30:00 36.0449 71.9402 2.5931 0.0831 0.0030 23.1628 1.6 2017-03-06 06:45:00 35.8243 71.9402 2.5772 0.0831 0.0030 23.1628 1.6 2017-03-06 07:00:00 35.4328 71.9402 2.5490 0.0831 0.0029 23.1628 1.5 2017-03-06 07:15:00 35.9082 71.9402 2.5832 0.0831 0.0030 23.1628 1.6 2017-03-06 07:30:00 36.1484 71.9402 2.6005 0.0831 0.0030 23.1628 1.6 2017-03-06 08:00:00 35.6346 71.9402 2.5791 0.0831 0.0030 23.1628 1.6 2017-03								1.5866
2017-03-06 06:00:00 35.7714 71.9402 2.5734 0.0831 0.0030 23.1628 1.6 2017-03-06 06:15:00 35.8696 71.9402 2.5805 0.0831 0.0030 23.1628 1.6 2017-03-06 06:30:00 36.0449 71.9402 2.5931 0.0831 0.0030 23.1628 1.6 2017-03-06 06:45:00 35.8243 71.9402 2.5772 0.0831 0.0030 23.1628 1.6 2017-03-06 07:00:00 35.4328 71.9402 2.5490 0.0831 0.0030 23.1628 1.5 2017-03-06 07:15:00 35.9082 71.9402 2.5832 0.0831 0.0030 23.1628 1.6 2017-03-06 07:30:00 36.1484 71.9402 2.6005 0.0831 0.0030 23.1628 1.6 2017-03-06 07:45:00 35.8501 71.9402 2.5791 0.0831 0.0030 23.1628 1.6 2017-03-06 08:00:00 35.6346 71.9402 2.5536 0.1268 0.0045 23.1628 1.6 2017-03								1.5849
2017-03-06 06:15:00 35.8696 71.9402 2.5805 0.0831 0.0030 23.1628 1.6 2017-03-06 06:30:00 36.0449 71.9402 2.5931 0.0831 0.0030 23.1628 1.6 2017-03-06 06:45:00 35.8243 71.9402 2.5772 0.0831 0.0030 23.1628 1.6 2017-03-06 07:00:00 35.4328 71.9402 2.5490 0.0831 0.0029 23.1628 1.5 2017-03-06 07:15:00 35.9082 71.9402 2.5832 0.0831 0.0030 23.1628 1.6 2017-03-06 07:30:00 36.1484 71.9402 2.6005 0.0831 0.0030 23.1628 1.6 2017-03-06 07:45:00 35.8501 71.9402 2.5791 0.0831 0.0030 23.1628 1.6 2017-03-06 08:00:00 35.6346 71.9402 2.5536 0.1268 0.0045 23.1628 1.6 2017-03-06 08:01:500 35.7673 71.9402 2.5731 0.1192 0.0043 23.1628 1.6 2017-0								1.5990
2017-03-06 06:30:00 36.0449 71.9402 2.5931 0.0831 0.0030 23.1628 1.6 2017-03-06 06:45:00 35.8243 71.9402 2.5772 0.0831 0.0030 23.1628 1.6 2017-03-06 07:00:00 35.4328 71.9402 2.5490 0.0831 0.0029 23.1628 1.5 2017-03-06 07:15:00 35.9082 71.9402 2.5832 0.0831 0.0030 23.1628 1.6 2017-03-06 07:30:00 36.1484 71.9402 2.6005 0.0831 0.0030 23.1628 1.6 2017-03-06 07:45:00 35.8501 71.9402 2.5791 0.0831 0.0030 23.1628 1.6 2017-03-06 08:00:00 35.6346 71.9402 2.5791 0.0831 0.0030 23.1628 1.6 2017-03-06 08:15:00 35.7673 71.9402 2.5731 0.1192 0.0043 23.1628 1.6 2017-03-06 08:35:00 35.9741 71.9402 2.5880 0.1385 0.0050 23.1628 1.6 2017-03								1.6074
2017-03-06 06:45:00 35.8243 71.9402 2.5772 0.0831 0.0030 23.1628 1.6 2017-03-06 07:00:00 35.4328 71.9402 2.5490 0.0831 0.0029 23.1628 1.5 2017-03-06 07:15:00 35.9082 71.9402 2.5832 0.0831 0.0030 23.1628 1.6 2017-03-06 07:30:00 36.1484 71.9402 2.6005 0.0831 0.0030 23.1628 1.6 2017-03-06 07:45:00 35.8501 71.9402 2.5791 0.0831 0.0030 23.1628 1.6 2017-03-06 08:00:00 35.6346 71.9402 2.5636 0.1268 0.0045 23.1628 1.6 2017-03-06 08:15:00 35.7673 71.9402 2.5731 0.1192 0.0043 23.1628 1.6 2017-03-06 08:30:00 35.9741 71.9402 2.5880 0.1385 0.0050 23.1628 1.6 2017-03-06 08:45:00 35.8303 71.9402 2.5882 0.1106 0.0040 23.1628 1.6 2017-03								1.6118
2017-03-06 07:00:00 35.4328 71.9402 2.5490 0.0831 0.0029 23.1628 1.5 2017-03-06 07:15:00 35.9082 71.9402 2.5832 0.0831 0.0030 23.1628 1.6 2017-03-06 07:30:00 36.1484 71.9402 2.6005 0.0831 0.0030 23.1628 1.6 2017-03-06 07:45:00 35.8501 71.9402 2.5791 0.0831 0.0030 23.1628 1.6 2017-03-06 08:00:00 35.6346 71.9402 2.5636 0.1268 0.0045 23.1628 1.6 2017-03-06 08:15:00 35.7673 71.9402 2.5731 0.1192 0.0043 23.1628 1.6 2017-03-06 08:30:00 35.9741 71.9402 2.5880 0.1385 0.0050 23.1628 1.6 2017-03-06 08:45:00 35.9766 71.9402 2.5882 0.1106 0.0040 23.1628 1.6 2017-03-06 09:00:00 35.8303 71.9402 2.5776 0.2116 0.0076 23.1628 1.6								1.6197
2017-03-06 07:15:00 35.9082 71.9402 2.5832 0.0831 0.0030 23.1628 1.6 2017-03-06 07:30:00 36.1484 71.9402 2.6005 0.0831 0.0030 23.1628 1.6 2017-03-06 07:45:00 35.8501 71.9402 2.5791 0.0831 0.0030 23.1628 1.6 2017-03-06 08:00:00 35.6346 71.9402 2.5636 0.1268 0.0045 23.1628 1.6 2017-03-06 08:15:00 35.7673 71.9402 2.5731 0.1192 0.0043 23.1628 1.6 2017-03-06 08:30:00 35.9741 71.9402 2.5880 0.1385 0.0050 23.1628 1.6 2017-03-06 08:45:00 35.9766 71.9402 2.5882 0.1106 0.0040 23.1628 1.6 2017-03-06 09:00:00 35.8303 71.9402 2.5776 0.2116 0.0076 23.1628 1.6								1.6098
2017-03-06 07:30:00 36.1484 71.9402 2.6005 0.0831 0.0030 23.1628 1.6 2017-03-06 07:45:00 35.8501 71.9402 2.5791 0.0831 0.0030 23.1628 1.6 2017-03-06 08:00:00 35.6346 71.9402 2.5636 0.1268 0.0045 23.1628 1.6 2017-03-06 08:15:00 35.7673 71.9402 2.5731 0.1192 0.0043 23.1628 1.6 2017-03-06 08:30:00 35.9741 71.9402 2.5880 0.1385 0.0050 23.1628 1.6 2017-03-06 08:45:00 35.9766 71.9402 2.5882 0.1106 0.0040 23.1628 1.6 2017-03-06 09:00:00 35.8303 71.9402 2.5776 0.2116 0.0076 23.1628 1.6								1.5922
2017-03-06 07:45:00 35.8501 71.9402 2.5791 0.0831 0.0030 23.1628 1.6 2017-03-06 08:00:00 35.6346 71.9402 2.5636 0.1268 0.0045 23.1628 1.6 2017-03-06 08:15:00 35.7673 71.9402 2.5731 0.1192 0.0043 23.1628 1.6 2017-03-06 08:30:00 35.9741 71.9402 2.5880 0.1385 0.0050 23.1628 1.6 2017-03-06 08:45:00 35.9766 71.9402 2.5882 0.1106 0.0040 23.1628 1.6 2017-03-06 09:00:00 35.8303 71.9402 2.5776 0.2116 0.0076 23.1628 1.6								1.6136
2017-03-06 08:00:00 35.6346 71.9402 2.5636 0.1268 0.0045 23.1628 1.6 2017-03-06 08:15:00 35.7673 71.9402 2.5731 0.1192 0.0043 23.1628 1.6 2017-03-06 08:30:00 35.9741 71.9402 2.5880 0.1385 0.0050 23.1628 1.6 2017-03-06 08:45:00 35.9766 71.9402 2.5882 0.1106 0.0040 23.1628 1.6 2017-03-06 09:00:00 35.8303 71.9402 2.5776 0.2116 0.0076 23.1628 1.6								1.6244
2017-03-06 08:15:00 35.7673 71.9402 2.5731 0.1192 0.0043 23.1628 1.6 2017-03-06 08:30:00 35.9741 71.9402 2.5880 0.1385 0.0050 23.1628 1.6 2017-03-06 08:45:00 35.9766 71.9402 2.5882 0.1106 0.0040 23.1628 1.6 2017-03-06 09:00:00 35.8303 71.9402 2.5776 0.2116 0.0076 23.1628 1.6								1.6110
2017-03-06 08:30:00 35.9741 71.9402 2.5880 0.1385 0.0050 23.1628 1.6 2017-03-06 08:45:00 35.9766 71.9402 2.5882 0.1106 0.0040 23.1628 1.6 2017-03-06 09:00:00 35.8303 71.9402 2.5776 0.2116 0.0076 23.1628 1.6								1.6013
2017-03-06 08:45:00 35.9766 71.9402 2.5882 0.1106 0.0040 23.1628 1.6 2017-03-06 09:00:00 35.8303 71.9402 2.5776 0.2116 0.0076 23.1628 1.6								1.6072
2017-03-06 09:00:00 35.8303 71.9402 2.5776 0.2116 0.0076 23.1628 1.6								1.6165
								1.6166
I ZULZ-U5-UD U5:15:UU I 35.7018 I 71.94UZ I 75.777 I 0.7184 I 0.0078 I 72.1639 I 1.6								1.6101
1 1 1 1 1 1 1								1.6070 1.6038

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Эx	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-06 09:45:00	35.7838	71.9402	2.5743	0.7018	0.0251	23.1628	1.6080
2017-03-06 10:00:00	35.7247	71.9402	2.5700	0.6752	0.0241	23.1628	1.6053
2017-03-06 10:15:00	35.8547	79.3246	2.8442	0.3972	0.0142	23.1628	1.6112
2017-03-06 10:30:00	35.8928	105.0047	3.7689	0.6923	0.0248	23.1628	1.6129
2017-03-06 10:45:00	35.8208	105.0047	3.7613	0.4666	0.0167	23.1628	1.6096
2017-03-06 11:00:00	35.4422	105.0047	3.7216	0.2154	0.0076	23.1628	1.5926
2017-03-06 11:15:00	35.3345	105.0047	3.7103	0.1785	0.0063	23.1628	1.5878
2017-03-06 11:30:00	35.3905	105.0047	3.7162	0.1785	0.0063	23.1628	1.5903
2017-03-06 11:45:00	10.2660	42.8052	0.4394	7.5795	0.0778	13.9261	0.2774
2017-03-06 12:00:00	0.0000	0.4008	0.0000	11.2500	0.0000	7.5073	0.0000
2017-03-06 12:15:00	0.0000	0.4008	0.0000	11.2500	0.0000	7.5073	0.0000
2017-03-06 12:30:00	0.0000	0.4008	0.0000	11.2500	0.0000	7.5073	0.0000
2017-03-06 12:45:00	0.0000	0.4008	0.0000	11.2500	0.0000	7.5073	0.0000
2017-03-06 13:00:00	0.0000	0.4008	0.0000	11.2500	0.0000	7.5073	0.0000
2017-03-06 13:15:00	0.0000	0.4008	0.0000	11.2500	0.0000	7.5073	0.0000
2017-03-06 13:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 13:45:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-03-06 14:00:00		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 14:15:00	0.0000			0.0000			
2017-03-06 14:30:00 2017-03-06 14:45:00	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-03-06 14:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 15:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 15:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 15:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 15:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 16:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 16:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 16:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 17:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 17:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 17:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 17:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 18:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 18:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 19:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 19:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 19:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 19:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 20:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 20:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 20:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 20:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 21:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 21:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 22:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 22:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 22:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 22:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 23:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-06 23:15:00	0.0000	0.0000	0.0000	0.4803	0.0000	0.0000	0.0000
2017-03-06 23:30:00	0.0000	0.4008	0.0000	0.4383	0.0000	7.5073	0.0000
2017-03-06 23:45:00	0.0000	0.4008	0.0000	0.4475	0.0000	7.5073	0.0000
2017-03-07 00:00:00	0.0000	0.4008	0.0000	0.4561	0.0000	7.5073	0.0000
2017-03-07 00:15:00	0.0000	0.4008	0.0000	0.5865	0.0000	7.5073	0.0000
2017-03-07 00:30:00	0.0000	0.4008	0.0000	0.5093	0.0000	7.5073	0.0000
2017-03-07 00:45:00	0.0000	0.4008	0.0000	0.4260	0.0000	7.5073	0.0000
2017-03-07 01:00:00	0.0000	0.4008	0.0000	0.0826	0.0000	7.5073	0.0000
2017-03-07 01:15:00	0.0000	0.4008	0.0000	0.1287	0.0000	7.5073	0.0000
2017-03-07 01:30:00	0.0000	0.4008	0.0000	0.2398	0.0000	7.5073	0.0000
2017-03-07 01:45:00	0.0000	0.4008	0.0000	0.2493	0.0000	7.5073	0.0000
2017-03-07 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 02:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 02:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 02:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 03:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 03:15:00							
2017-03-07 03:15:00 2017-03-07 03:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 03:30:00 2017-03-07 03:45:00	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 03:30:00	0.0000	0.0000					

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-07 04:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 04:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 05:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 05:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 05:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 05:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 06:00:00	0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000
2017-03-07 06:15:00 2017-03-07 06:30:00	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-03-07 06:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 00:43:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 07:00:00	0.0000	0.4008	0.0000	0.0000	0.0000	7.5073	0.0000
2017-03-07 07:30:00	0.0000	0.4008	0.0000	0.0000	0.0000	7.5073	0.0000
2017-03-07 07:45:00	0.0000	0.4008	0.0000	0.0000	0.0000	7.5073	0.0000
2017-03-07 08:00:00	0.0000	0.4008	0.0000	0.0000	0.0000	7.5073	0.0000
2017-03-07 08:15:00	0.0000	0.4008	0.0000	0.0000	0.0000	7.5073	0.0000
2017-03-07 08:30:00	0.0000	0.4008	0.0000	0.1298	0.0000	7.5073	0.0000
2017-03-07 08:45:00	0.0000	0.4008	0.0000	0.0169	0.0000	7.5073	0.0000
2017-03-07 09:00:00	0.0000	0.4008	0.0000	0.0000	0.0000	7.5073	0.0000
2017-03-07 09:15:00	0.0000	0.4008	0.0000	0.0000	0.0000	7.5073	0.0000
2017-03-07 09:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 09:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 10:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 10:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 10:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 10:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 11:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 11:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 11:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 11:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 12:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 12:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 12:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 12:45:00	0.0192	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 13:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 13:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 13:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 13:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 14:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 14:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 14:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 14:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 15:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 15:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 15:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 15:45:00	0.0394	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 16:00:00	0.0417	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 16:15:00	0.0635	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 16:30:00	0.0185	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 16:45:00	0.0644	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 17:00:00	0.0929	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 17:15:00	0.0612	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 17:30:00	0.0757	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 17:45:00	0.0549	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 18:00:00	0.0205	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 18:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 19:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 19:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-07 19:30:00	0.0000	0.0000	0.0000	0.4822	0.0000	0.0000	0.0000
2017-03-07 19:45:00	0.0000	0.4008	0.0000	0.2916	0.0000	7.5073	0.0000
2017-03-07 20:00:00	0.0000	0.4008	0.0000	0.0398	0.0000	7.5073	0.0000
2017-03-07 20:15:00	0.0000	0.4008	0.0000	0.1415	0.0000	7.5073	0.0000
2017-03-07 20:30:00	0.0000	0.4008	0.0000	0.1270	0.0000	7.5073	0.0000
2017-03-07 20:45:00	0.0000	0.4008	0.0000	0.3535	0.0000	7.5073	0.0000
2017-03-07 21:00:00	0.0000	0.4008	0.0000	2.1223	0.0000	7.5073	0.0000
2017-03-07 21:15:00	0.0000	0.4008	0.0000	0.9790	0.0000	7.5073	0.0000
2017-03-07 21:30:00	0.0000	0.4008	0.0000	1.2177	0.0000	7.5073	0.0000
2017-03-07 21:45:00	0.0000	0.4008	0.0000	0.0941	0.0000	7.5073	0.0000
2017-03-07 22:00:00	0.0186	0.4008	0.0000	0.0941	0.0000	7.5073	0.0003
2017-03-07 22:15:00	0.0000	0.4008	0.0000	0.0941	0.0000	7.5073	0.0000
2017-03-07 22:30:00	0.0000	0.4008	0.0000	0.0941	0.0000	7.5073	0.0000
2017-03-07 22:45:00	0.0000	0.4008	0.0000	0.0941	0.0000	7.5073	0.0000
2017-03-07 23:00:00	0.0188	0.4008	0.0000	0.0941	0.0000	7.5073	0.0003

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-03-07 23:15:00	0.0581	0.4008	0.0000	0.0941	0.0000	7.5073	0.0008	
2017-03-07 23:30:00	0.1124	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-07 23:45:00	0.1093	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 00:00:00	0.0921	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	
2017-03-08 00:15:00 2017-03-08 00:30:00	0.1489 1.4447	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 00:35:00	1.8111	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 00:45:00	1.2384	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 01:05:00	3.1298	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 01:30:00	2.1384	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 01:45:00	0.1432	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 02:00:00	0.0358	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 02:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 02:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 02:45:00	0.1984	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 03:00:00	1.4391	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 03:15:00	0.8995	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-08 03:30:00	0.0000	0.4008	0.0000	0.0941	0.0000	7.5073	0.0000	
2017-03-08 03:45:00	0.4362	0.4008	0.0002	0.0941	0.0000	7.5073	0.0064	
2017-03-08 04:00:00	2.6837	0.4008	0.0011	0.0941	0.0003	7.5073	0.0391	
2017-03-08 04:15:00	2.4607	0.4008	0.0010	0.0941	0.0002	7.5073	0.0358	
2017-03-08 04:30:00	2.1475	0.4008	0.0009	0.0941	0.0002	7.5073	0.0313	
2017-03-08 04:45:00	2.4194	0.4008	0.0010	0.0941	0.0002	7.5073	0.0352	
2017-03-08 05:00:00	2.4562	0.4008	0.0010	0.0941	0.0002	7.5073	0.0358	
2017-03-08 05:15:00	3.3501	0.4008	0.0013	0.0941	0.0003	7.5073	0.0488	
2017-03-08 05:30:00	3.3501	0.4008	0.0013	0.0941	0.0003	7.5073	0.0488	
2017-03-08 05:45:00	3.3501	0.4008	0.0013	0.0941	0.0003	7.5073	0.0488	
2017-03-08 06:00:00	0.9343	0.4008	0.0004	0.0941	0.0001	7.5073	0.0136	
2017-03-08 06:15:00	0.0359	0.4008	0.0000	0.0941	0.0000	7.5073	0.0005	
2017-03-08 06:30:00	0.0363	0.4008	0.0000	0.0941	0.0000	7.5073	0.0005	
2017-03-08 06:45:00	0.7250	0.4008	0.0003	0.1291	0.0001	7.5073	0.0106	
2017-03-08 07:00:00	0.0000	0.4008	0.0000 0.0000	0.2895 0.4963	0.0000	7.5073	0.0000 0.0000	
2017-03-08 07:15:00 2017-03-08 07:30:00	0.0000	77.4180 109.2129	0.0000	0.4963	0.0001	7.5073 7.5073	0.0000	
2017-03-08 07:30:00	0.1508 0.0563	109.2129	0.0165	0.4484	0.0001	7.5073 7.5073	0.0022	
2017-03-08 07:43.00	0.0000	109.2129	0.0000	0.5944	0.0000	7.5073	0.0008	
2017-03-08 08:00:00	0.0000	109.2129	0.0000	0.6145	0.0000	7.5073	0.0000	
2017-03-08 08:13:00	0.0000	109.2129	0.0000	0.6701	0.0000	7.5073	0.0000	
2017-03-08 08:45:00	0.0000	109.2129	0.0000	0.8352	0.0000	7.5073	0.0000	
2017-03-08 09:00:00	0.0000	109.2129	0.0000	0.6467	0.0000	7.5073	0.0000	
2017-03-08 09:15:00	0.0000	109.2129	0.0000	0.7247	0.0000	7.5073	0.0000	
2017-03-08 09:30:00	0.0000	109.2129	0.0000	0.5919	0.0000	7.5073	0.0000	
2017-03-08 09:45:00	0.0000	109.2129	0.0000	0.6886	0.0000	7.5073	0.0000	
2017-03-08 10:00:00	0.0952	109.2129	0.0104	0.6972	0.0001	7.5073	0.0014	
2017-03-08 10:15:00	0.1118	109.2129	0.0122	0.7694	0.0001	7.5073	0.0016	
2017-03-08 10:30:00	0.3022	109.2129	0.0330	0.7821	0.0002	7.5073	0.0044	
2017-03-08 10:45:00	0.0362	109.2129	0.0039	0.8221	0.0000	7.5073	0.0005	
2017-03-08 11:00:00	0.0181	109.2129	0.0020	0.8121	0.0000	7.5073	0.0003	
2017-03-08 11:15:00	0.0000	109.2129	0.0000	0.5815	0.0000	7.5073	0.0000	
2017-03-08 11:30:00	0.0000	109.2129	0.0000	0.3290	0.0000	7.5073	0.0000	
2017-03-08 11:45:00	0.0955	109.2129	0.0104	0.3712	0.0000	7.5073	0.0014	
2017-03-08 12:00:00	0.1384	109.2129	0.0151	0.3339	0.0000	7.5073	0.0020	
2017-03-08 12:15:00	0.0585	109.2129	0.0064	0.5947	0.0000	7.5073	0.0009	
2017-03-08 12:30:00	0.1356	109.2129	0.0148	0.8578	0.0001	7.5073	0.0020	
2017-03-08 12:45:00	0.6294	109.2129	0.0687	0.7902	0.0005	7.5073	0.0092	
2017-03-08 13:00:00	1.1723	109.2129	0.1280	0.6544	0.0008	7.5073	0.0171	
2017-03-08 13:15:00	0.0403	109.2129	0.0044	0.6029	0.0000	7.5073	0.0006	
2017-03-08 13:30:00	0.0000	109.2129	0.0000	0.6343	0.0000	7.5073	0.0000	
2017-03-08 13:45:00	0.0000	109.2129	0.0000	0.6468	0.0000	7.5073	0.0000	
2017-03-08 14:00:00	0.0187	109.2129	0.0020	0.6452	0.0000	7.5073	0.0003	
2017-03-08 14:15:00	0.0000	109.2129	0.0000	0.6067	0.0000	7.5073	0.0000	
2017-03-08 14:30:00	0.0589	118.0096	0.0069	0.5580	0.0000	7.5073	0.0009	
2017-03-08 14:45:00	0.0000	142.4777	0.0000	0.3960	0.0000	7.5073	0.0000	
2017-03-08 15:00:00 2017-03-08 15:15:00	0.0000 0.0000	142.4777 142.4777	0.0000 0.0000	0.2245 0.0482	0.0000	7.5073 7.5073	0.0000 0.0000	
2017-03-08 15:15:00	0.0000	142.4777	0.0000	0.0482	0.0000	7.5073 7.5073	0.0000	
2017-03-08 15:30:00	0.0199	142.4777	0.0028	0.0453	0.0000	7.5073 7.5073	0.0003	
2017-03-08 15:45:00	0.0820	142.4777	0.0139	0.0453	0.0000	7.5073	0.0014	
2017-03-08 16:00:00	0.0569	142.4777	0.00117	0.1313	0.0000	7.5073	0.0012	
2017-03-08 16:15:00	0.2462	142.4777	0.0351	0.1313	0.0001	7.5073	0.0008	
2017-03-08 16:35:00	0.6603	142.4777	0.0941	0.4538	0.0001	7.5073	0.0036	
_01, 03 00 10.43.00			0.1005	0.5409	0.0003	7.5073	0.0103	
	0.7053	4/4///						
2017-03-08 17:00:00	0.7053 0.3624	142.4777 142.4777						
	0.7053 0.3624 0.1953	142.4777 142.4777 142.4777	0.0516 0.0278	0.5479 0.2752	0.0002 0.0001	7.5073 7.5073 7.5073	0.0053 0.0028	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-08 18:00:00	0.3491	142.4777	0.0497	0.0872	0.0000	7.5073	0.0051
2017-03-08 18:15:00	0.1384	142.4777	0.0197	0.1066	0.0000	7.5073	0.0020
2017-03-08 18:30:00	0.1361	142.4777	0.0194	0.1121	0.0000	7.5073	0.0020
2017-03-08 18:45:00	0.0182	111.5441	0.0020	0.1656	0.0000	7.5073	0.0003
2017-03-08 19:00:00	0.0548	109.4133	0.0060	0.1314	0.0000	7.5073	0.0008
2017-03-08 19:15:00	0.3176	109.4133	0.0347	0.0959	0.0000	7.5073	0.0046
2017-03-08 19:30:00	0.1780	109.4133	0.0195	0.0958	0.0000	7.5073	0.0026
2017-03-08 19:45:00	0.2690	109.4133	0.0294	0.1741	0.0000	7.5073	0.0039
2017-03-08 20:00:00	0.3223	109.4133	0.0353	0.2761	0.0001	7.5073	0.0047
2017-03-08 20:15:00	0.1801	109.4133	0.0197	0.2785	0.0001	7.5073	0.0026
2017-03-08 20:30:00	0.1606	109.4133	0.0176	0.2438	0.0000	7.5073	0.0023
2017-03-08 20:45:00	0.2316	109.4133	0.0253	0.1819	0.0000	7.5073	0.0034
2017-03-08 21:00:00	0.2350	103.3873	0.0243	0.3210	0.0001	7.5073	0.0034
2017-03-08 21:15:00	0.4573	0.5257	0.0002	0.4750	0.0002	7.5073	0.0067
2017-03-08 21:30:00	0.3933	0.4008	0.0002	0.3394	0.0001	7.5073	0.0057
2017-03-08 21:45:00	0.2213	0.4008	0.0001	0.3531	0.0001	7.5073	0.0032
2017-03-08 22:00:00	1.0104	0.4008	0.0004	0.1442	0.0001	7.5073	0.0147
2017-03-08 22:15:00	0.5341	0.4008	0.0002	0.0359	0.0000	7.5073	0.0078
2017-03-08 22:30:00	0.8598	0.4008	0.0003	0.1386	0.0001	7.5073	0.0125
2017-03-08 22:45:00	1.4418	0.4008	0.0006	0.1004	0.0001	7.5073	0.0210
2017-03-08 23:00:00	2.5170	0.4008	0.0010	0.0769	0.0002	7.5073	0.0367
2017-03-08 23:15:00	1.5127	0.4008	0.0006	0.0769	0.0001	7.5073	0.0220
2017-03-08 23:30:00	1.2370	0.4008	0.0005	0.0977	0.0001	7.5073	0.0180
2017-03-08 23:45:00 2017-03-09 00:00:00	1.2207	0.4008	0.0005	0.0754	0.0001	7.5073	0.0178
	1.6874	0.4008	0.0007	0.0729	0.0001	7.5073	0.0246
2017-03-09 00:15:00	1.2396	0.4008	0.0005	0.0932	0.0001	7.5073	0.0181
2017-03-09 00:30:00	1.4556	0.4008	0.0006	0.0699	0.0001 0.0002	7.5073	0.0212
2017-03-09 00:45:00 2017-03-09 01:00:00	1.1368	0.4008 0.4008	0.0005 0.0004	0.1533	0.0002	7.5073	0.0166 0.0146
2017-03-09 01:00:00	1.0035 1.9921	0.4008	0.0004	0.1558 0.0982	0.0002	7.5073 7.5073	0.0146
2017-03-09 01:15:00	0.6592	0.4008	0.0008	0.0982	0.0002	7.5073	0.0290
2017-03-09 01:45:00	0.9605	0.4008	0.0003	0.1747	0.0001	7.5073	0.0140
2017-03-09 01:43:00	1.4555	0.4008	0.0004	0.0905	0.0002	7.5073	0.0140
2017-03-09 02:05:00	1.6266	0.4008	0.0007	0.0000	0.0001	7.5073	0.0212
2017-03-09 02:30:00	1.5989	0.4008	0.0007	0.0192	0.0000	7.5073	0.0237
2017-03-09 02:45:00	1.3787	0.4008	0.0006	0.1125	0.0002	7.5073	0.0201
2017-03-09 03:00:00	1.5652	0.4008	0.0006	0.1768	0.0002	7.5073	0.0228
2017-03-09 03:15:00	2.9396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 03:30:00	3.4590	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 03:45:00	3.8303	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 04:00:00	4.0499	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 04:15:00	4.2167	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 04:30:00	4.2084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 04:45:00	4.2317	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 05:00:00	4.2317	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 05:15:00	4.2317	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 05:30:00	4.2317	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 05:45:00	4.2317	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 06:00:00	4.2317	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 06:15:00	4.2317	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 06:30:00	4.6184	0.4008	0.0019	0.0000	0.0000	7.5073	0.0673
2017-03-09 06:45:00	4.6477	0.4008	0.0019	0.0000	0.0000	7.5073	0.0677
2017-03-09 07:00:00	2.8094	0.4008	0.0011	0.0000	0.0000	7.5073	0.0409
2017-03-09 07:15:00	3.2035	0.4008	0.0013	0.0000	0.0000	7.5073	0.0467
2017-03-09 07:30:00	3.7753	0.4008	0.0015	0.0000	0.0000	7.5073	0.0550
2017-03-09 07:45:00	0.0553	0.4008	0.0000	0.0000	0.0000	7.5073	0.0008
2017-03-09 08:00:00	0.0000	0.4008	0.0000	0.4483	0.0000	7.5073	0.0000
2017-03-09 08:15:00	0.0000	0.4008	0.0000	0.6740	0.0000	7.5073	0.0000
2017-03-09 08:30:00	0.0000	0.4008	0.0000	0.6054	0.0000	7.5073	0.0000
2017-03-09 08:45:00	0.0000	0.4008	0.0000	0.6623	0.0000	7.5073	0.0000
2017-03-09 09:00:00	0.0203	0.4008	0.0000	0.5242	0.0000	7.5073	0.0003
2017-03-09 09:15:00	0.1271	0.4008	0.0001	0.3935	0.0001	7.5073	0.0019
2017-03-09 09:30:00	0.0000	0.4008	0.0000	0.5145	0.0000	7.5073	0.0000
2017-03-09 09:45:00	0.4171	0.4008	0.0002	0.5332	0.0002	7.5073	0.0061
2017-03-09 10:00:00	2.5214	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 10:15:00	3.5876	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 10:30:00	3.8162	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 10:45:00	3.1752	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 11:00:00	3.6591	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 11:15:00	3.8445	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 11:30:00	3.4085	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 11:45:00	2.3599	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 12:00:00	3.3302	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-09 12:15:00 2017-03-09 12:30:00	3.9471	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	1.5137	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Parameter Volumetric Flow Rate NOx NH3 Unit m3/sec mg/Nm3 g/s mg/Nm3 g/s 2017-03-09 12:45:00 1.2793 0.0000 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:00:00 2.5132 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:15:00 3.0105 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:30:00 0.9872 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:45:00 0.6717 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:00:00 1.2962 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:15:00 1.5177 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	g/s 0.0000 0.0000 0.0000
2017-03-09 12:45:00 1.2793 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:00:00 2.5132 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:15:00 3.0105 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:30:00 0.9872 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:45:00 0.6717 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:00:00 1.2962 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:15:00 1.5177 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000
2017-03-09 13:00:00 2.5132 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:15:00 3.0105 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:30:00 0.9872 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:45:00 0.6717 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:00:00 1.2962 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:15:00 1.5177 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000	0.0000
2017-03-09 13:15:00 3.0105 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:30:00 0.9872 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:45:00 0.6717 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:00:00 1.2962 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:15:00 1.5177 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	
2017-03-09 13:30:00 0.9872 0.0000 0.0000 0.0000 0.0000 2017-03-09 13:45:00 0.6717 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:00:00 1.2962 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:15:00 1.5177 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000	0.0000
2017-03-09 13:45:00 0.6717 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:00:00 1.2962 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:15:00 1.5177 0.0000 0.0000 0.0000 0.0000	0.0000	
2017-03-09 14:00:00 1.2962 0.0000 0.0000 0.0000 0.0000 2017-03-09 14:15:00 1.5177 0.0000 0.0000 0.0000 0.0000		0.0000
2017-03-09 14:15:00 1.5177 0.0000 0.0000 0.0000 0.0000		0.0000
		0.0000
	0.0000	0.0000
2017-03-09 14:30:00	0.0000	0.0000
2017-03-09 14:45:00	0.0000	0.0000
2017-03-09 15:00:00	0.0000	0.0000
2017-03-09 15:15:00	0.0000	0.0000
2017-03-09 15:30:00	0.0000	0.0000
2017-03-09 15:45:00	0.0000	0.0000
2017-03-09 16:00:00	0.0000	0.0000 0.0000
1 1 1 1 1		
	0.0000	0.0000
1 1 1 1 1		0.0000
	0.0000	0.0000 0.0000
2017-03-09 17:30:00	0.0000	0.0000 0.0000
2017-03-09 17:45:00 1.4059 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-09 18:00:00	0.0000	0.0000
2017-03-09 18:15:00	0.0000	0.0000
2017-03-09 18:45:00	0.0000	0.0000
2017-03-03 18:43:00 0.3894 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-09 19:05:00	0.0000	0.0000
2017-03-09 19:30:00	0.0000	0.0000
2017-03-09 19:45:00	0.0000	0.0000
2017-03-09 20:00:00	0.0000	0.0000
2017-03-09 20:15:00	0.0000	0.0000
2017-03-09 20:30:00 0.8846 0.4008 0.0004 0.0730 0.0001	0.0000	0.0000
2017-03-09 20:45:00 1.0203 0.4008 0.0004 0.0858 0.0001	0.0000	0.0000
2017-03-09 21:00:00 0.9896 0.4008 0.0004 0.0520 0.0001	0.0000	0.0000
2017-03-09 21:15:00	0.0000	0.0000
2017-03-09 21:30:00 1.3570 0.4008 0.0005 0.0531 0.0001	0.0000	0.0000
2017-03-09 21:45:00 1.3422 0.4008 0.0005 0.0478 0.0001	0.0000	0.0000
2017-03-09 22:00:00 1.8601 0.4008 0.0007 0.0532 0.0001	0.0000	0.0000
2017-03-09 22:15:00 1.8219 0.4008 0.0007 0.0607 0.0001	0.0000	0.0000
2017-03-09 22:30:00 3.3203 0.4008 0.0013 0.0110 0.0000	0.0000	0.0000
2017-03-09 22:45:00 2.7490 0.4008 0.0011 0.0443 0.0001	0.0000	0.0000
2017-03-09 23:00:00 2.7141 0.4008 0.0011 0.0660 0.0002	0.0000	0.0000
2017-03-09 23:15:00 1.5228 0.4008 0.0006 0.1534 0.0002	0.0000	0.0000
2017-03-09 23:30:00 2.4612 0.4008 0.0010 0.1759 0.0004	0.0000	0.0000
2017-03-09 23:45:00 4.2977 0.4008 0.0017 0.0508 0.0002	0.0000	0.0000
2017-03-10 00:00:00 4.3015 0.4008 0.0017 0.0508 0.0002	0.0000	0.0000
2017-03-10 00:15:00 4.5468 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 00:30:00 4.6301 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 00:45:00 4.6301 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 01:00:00 4.6301 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 01:15:00 4.6301 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 01:30:00 4.6301 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 01:45:00 4.6301 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 02:00:00 4.8316 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 02:15:00 4.6573 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 02:30:00 4.6573 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 02:45:00 4.6573 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 03:00:00 4.6573 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 03:15:00 4.6573 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 03:30:00 4.6573 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 03:45:00 4.6573 0.0000 0.0000 0.0000 0.0000	0.0000	0.0000
2017-03-10 04:00:00 4.7725 0.4008 0.0019 0.0716 0.0003	0.0000	0.0000
2017-03-10 04:15:00 4.7085 0.4008 0.0019 0.0529 0.0002	0.0000	0.0000
2017-03-10 04:30:00 4.6708 0.4008 0.0019 0.1098 0.0005	0.0000	0.0000
2017-03-10 04:45:00 4.6708 0.4008 0.0019 0.2079 0.0010	0.0000	0.0000
2017-03-10 05:00:00 4.7233 0.4008 0.0019 0.2138 0.0010	0.0000	0.0000
2017-03-10 05:15:00 5.1338 0.4008 0.0021 0.2756 0.0014	0.0000	0.0000
2017-03-10 05:30:00 4.7083 0.4008 0.0019 0.3094 0.0015	0.0000	0.0000
2017-03-10 05:45:00 4.6710 0.4008 0.0019 0.3515 0.0016	0.0000	0.0000
2017-03-10 06:00:00 4.6165 0.4008 0.0019 0.4223 0.0019	0.0000	0.0000
2017-03-10 06:15:00 4.6165 0.4008 0.0019 0.4303 0.0020	0.0000	0.0000
2017-03-10 06:30:00 4.6165 0.4008 0.0019 0.4428 0.0020	0.0000	0.0000
2017-03-10 06:45:00 4.8198 0.4008 0.0019 0.5653 0.0027	0.0000	0.0000
2017-03-10 07:00:00 4.6561 0.4008 0.0019 0.5692 0.0027	0.0000	0.0000
2017-03-10 07:15:00 4.5814 0.4008 0.0018 0.5505 0.0025	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-10 07:30:00	5.0596	0.4008	0.0020	0.6097	0.0031	0.0000	0.0000
2017-03-10 07:45:00	4.4772	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 08:00:00	3.9263	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 08:15:00	3.4915	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 08:30:00	1.7878	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 08:45:00	0.4893	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 09:00:00	0.1340	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 09:15:00	0.1323	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 09:30:00	0.0600	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 09:45:00	0.2496	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 10:00:00	0.6755	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 10:15:00	0.1507	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 10:30:00	0.3441	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 10:45:00	0.2403	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2017-03-10 11:00:00	0.1726	0.0000	0.0000	0.0000			0.0000
2017-03-10 11:15:00	0.2847 0.2758	0.0000	0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2017-03-10 11:30:00 2017-03-10 11:45:00	0.2758	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 12:00:00	0.2745			0.0000			
2017-03-10 12:15:00 2017-03-10 12:30:00	0.4386	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2017-03-10 12:30:00	0.5205 0.6787	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 12:45:00	0.6787	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 13:00:00	0.7844	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 13:15:00	0.8075	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 13:30:00	0.1906	0.0000	0.0000	0.3636	0.0000	0.0000	0.0000
2017-03-10 13:43:00	0.1519	0.4008	0.0001	0.3301	0.0001	0.0000	0.0000
2017-03-10 14:05:00	0.0383	0.4008	0.0000	0.2574	0.0000	0.0000	0.0000
2017-03-10 14:30:00	0.1015	0.4008	0.0000	0.3705	0.0000	0.0000	0.0000
2017-03-10 14:45:00	0.7685	0.4008	0.0003	0.3759	0.0003	0.0000	0.0000
2017-03-10 15:00:00	0.1309	0.4008	0.0003	0.3170	0.0000	0.0000	0.0000
2017-03-10 15:15:00	0.1661	0.4008	0.0001	0.3309	0.0001	0.0000	0.0000
2017-03-10 15:30:00	0.1770	0.4008	0.0001	0.3356	0.0001	0.0000	0.0000
2017-03-10 15:45:00	0.8627	0.4008	0.0003	0.3801	0.0003	0.0000	0.0000
2017-03-10 16:00:00	0.1073	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 16:15:00	0.4696	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 16:30:00	0.1510	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 16:45:00	1.1021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 17:00:00	0.9383	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 17:15:00	1.3191	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 17:30:00	1.1460	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 17:45:00	1.0706	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 18:00:00	0.8251	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 18:15:00	1.3656	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 18:30:00	1.8987	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 18:45:00	1.1094	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 19:00:00	1.6284	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 19:15:00	2.5282	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 19:30:00	3.9068	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 19:45:00	4.2517	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 20:00:00	4.2394	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 20:15:00	4.2193	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-10 20:30:00	4.0104	0.0000	0.0000	0.3894	0.0016	0.0000	0.0000
2017-03-10 20:45:00	4.0485	0.4008	0.0016	0.3528	0.0014	0.0000	0.0000
2017-03-10 21:00:00	4.3538	0.4008	0.0017	0.2573	0.0011	0.0000	0.0000
2017-03-10 21:15:00	4.4637	0.4008	0.0018	0.5046	0.0023	0.0000	0.0000
2017-03-10 21:30:00	4.4801	0.4008	0.0018	0.4434	0.0020	0.0000	0.0000
2017-03-10 21:45:00	4.4919	0.4008	0.0018	0.4478	0.0020	0.0000	0.0000
2017-03-10 22:00:00	4.4919	0.4008	0.0018	0.4014	0.0018	0.0000	0.0000
2017-03-10 22:15:00	4.4919	0.4008	0.0018	0.3487	0.0016	0.0000	0.0000
2017-03-10 22:30:00	4.4919	0.4008	0.0018	0.3567	0.0016	0.0000	0.0000
2017-03-10 22:45:00	4.4551	0.4008	0.0018	0.3143	0.0014	0.0000	0.0000
2017-03-10 23:00:00	4.4807	0.4008	0.0018	0.2833	0.0013	0.0000	0.0000
2017-03-10 23:15:00	4.6887	0.4008	0.0019	0.3814	0.0018	0.0000	0.0000
2017-03-10 23:30:00	4.6317	0.4008	0.0019	0.2738	0.0013	0.0000	0.0000
2017-03-10 23:45:00	4.5685	0.4008	0.0018	0.2686	0.0012	0.0000	0.0000
2017-03-11 00:00:00	4.4793	0.4008	0.0018	0.3252	0.0015	0.0000	0.0000
2017-03-11 00:15:00	4.5719	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	4.7077	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 00:30:00			0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 00:30:00 2017-03-11 00:45:00	4.7129	0.0000					
	4.7129 4.6977	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 00:45:00	4.6977 4.6977	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000 0.0000	0.0000 0.0000
2017-03-11 00:45:00 2017-03-11 01:00:00 2017-03-11 01:15:00 2017-03-11 01:30:00	4.6977 4.6977 4.6977	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000
2017-03-11 00:45:00 2017-03-11 01:00:00 2017-03-11 01:15:00	4.6977 4.6977	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-11 02:15:00	4.7146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 02:30:00	5.1583	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 02:45:00	5.1583	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 03:00:00	5.1583	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 03:15:00	5.1583	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 03:30:00	3.7534	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 03:45:00	3.3099	0.0000	0.0000	0.6828	0.0023	0.0000	0.0000
2017-03-11 04:00:00	3.7752	0.4008	0.0015	0.1571	0.0006	0.0000	0.0000
2017-03-11 04:15:00	4.3024	0.4008	0.0017	0.0378	0.0002	0.0000	0.0000
2017-03-11 04:30:00	2.5416	0.4008	0.0010	0.0378	0.0001	0.0000	0.0000
2017-03-11 04:45:00	4.2525	0.4008	0.0017	0.0793	0.0003	0.0000	0.0000
2017-03-11 05:00:00	4.2960	0.4008	0.0017	0.2034	0.0009	0.0000	0.0000
2017-03-11 05:15:00	3.3087	0.4008	0.0013	0.2101	0.0007	0.0000	0.0000
2017-03-11 05:30:00	2.7232	0.4008	0.0011	0.1914	0.0005	0.0000	0.0000
2017-03-11 05:45:00	1.7570	0.4008	0.0007	0.0854	0.0002	0.0000	0.0000
2017-03-11 06:00:00	0.8416	0.4008	0.0003	0.0089	0.0000	0.0000	0.0000
2017-03-11 06:15:00	2.1573	0.4008	0.0009	0.0089	0.0000	0.0000	0.0000
2017-03-11 06:30:00	1.9785	0.4008	0.0008 0.0003	0.0089 0.0089	0.0000	0.0000 0.0000	0.0000
2017-03-11 06:45:00 2017-03-11 07:00:00	0.7375 0.0199	0.4008 0.4008	0.0003	0.0089	0.0000 0.0000	0.0000	0.0000
		0.4008	0.0000		0.0000	0.0000	0.0000 0.0000
2017-03-11 07:15:00 2017-03-11 07:30:00	0.1703 0.2795	0.4008	0.0001	0.0213 0.0213	0.0000	0.0000	0.0000
2017-03-11 07:30:00	1.6008	0.4008	0.0001	0.0213	0.0000	0.0000	0.0000
2017-03-11 07:45:00	1.3891	0.4008	0.0006	0.2732	0.0001	0.0000	0.0000
2017-03-11 08:00:00	0.1665	0.4008	0.0001	0.2732	0.0004	0.0000	0.0000
2017-03-11 08:30:00	1.1972	0.4008	0.0005	0.2024	0.0002	0.0000	0.0000
2017-03-11 08:45:00	2.1677	0.4008	0.0009	0.1928	0.0004	0.0000	0.0000
2017-03-11 09:00:00	2.5016	0.4008	0.0010	0.1204	0.0003	0.0000	0.0000
2017-03-11 09:15:00	3.2081	0.4008	0.0013	0.1642	0.0005	0.0000	0.0000
2017-03-11 09:30:00	1.7584	0.4008	0.0007	0.2660	0.0005	0.0000	0.0000
2017-03-11 09:45:00	1.6212	0.4008	0.0006	0.0240	0.0000	0.0000	0.0000
2017-03-11 10:00:00	0.0617	0.4008	0.0000	0.0833	0.0000	0.0000	0.0000
2017-03-11 10:15:00	0.0000	0.4008	0.0000	0.0419	0.0000	0.0000	0.0000
2017-03-11 10:30:00	0.0796	0.4008	0.0000	0.0419	0.0000	0.0000	0.0000
2017-03-11 10:45:00	0.9790	0.4008	0.0004	0.0488	0.0000	0.0000	0.0000
2017-03-11 11:00:00	0.7083	0.4008	0.0003	0.0357	0.0000	0.0000	0.0000
2017-03-11 11:15:00	0.5456	0.4008	0.0002	0.0357	0.0000	0.0000	0.0000
2017-03-11 11:30:00	1.1220	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 11:45:00	0.3517	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 12:00:00	0.1637	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 12:15:00	0.4248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 12:30:00	1.3215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 12:45:00	1.1568	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 13:00:00	0.5787	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 13:15:00	0.2600	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 13:30:00	0.4802	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 13:45:00	2.1414	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 14:00:00	2.8583	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 14:15:00	2.7297	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 14:30:00	2.8710	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 14:45:00	3.0590	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 15:00:00	2.8737	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-03-11 15:15:00	2.9538	0.0000	0.0000	0.2338	0.0007	0.0000	0.0000
2017-03-11 15:30:00	3.4635	0.4008	0.0014	0.1264	0.0004	0.0000	0.0000
2017-03-11 15:45:00	3.3531	0.4008	0.0013	0.0591	0.0002	0.0000	0.0000
2017-03-11 16:00:00	3.9171	0.4008	0.0016	0.3967	0.0016	0.0000	0.0000
2017-03-11 16:15:00	3.9304	0.4008	0.0016	0.9777	0.0038	0.0000	0.0000
2017-03-11 16:30:00	3.0852	0.4008	0.0012	1.0277	0.0032	0.0000	0.0000
2017-03-11 16:45:00	3.1489	76.8099	0.2419	1.0268	0.0032	0.0000	0.0000
2017-03-11 17:00:00	3.0890	114.8238	0.3547	1.0122	0.0031	0.0000	0.0000
2017-03-11 17:15:00	2.1446	15.6135	0.0335	1.1662	0.0025	0.0000	0.0000
2017-03-11 17:30:00	1.4111	0.4008	0.0006	1.1966	0.0017	0.0000	0.0000
2017-03-11 17:45:00	1.5038	0.4008	0.0006	1.1221	0.0017	0.0000	0.0000
2017-03-11 18:00:00	0.8589	0.4008	0.0003	1.0988	0.0009	0.0000	0.0000
2017-03-11 18:15:00	1.6060	0.4008	0.0006	1.1093	0.0018	0.0000	0.0000
2017-03-11 18:30:00	0.4331	0.4008	0.0002	1.1104	0.0005	0.0000	0.0000
2017-03-11 18:45:00	0.1574	0.4008	0.0001	1.1162	0.0002	0.0000	0.0000
2017-03-11 19:00:00	1.6080	0.4008	0.0006	1.1297	0.0018	0.0000	0.0000
2017-03-11 19:15:00	0.9667	0.4008	0.0004	1.1279	0.0011	0.0000	0.0000
2017-03-11 19:30:00	1.1871	0.4008	0.0005	1.1524	0.0014	0.0000	0.0000
2017-03-11 19:45:00	0.5021	0.4008	0.0002	1.1396	0.0006	0.0000	0.0000
2017-03-11 20:00:00	0.6868	0.4008	0.0003	1.1325	0.0008	0.0000	0.0000
2017-03-11 20:15:00	3.0208	0.4008	0.0012	1.1859	0.0036	0.0000	0.0000
2017-03-11 20:30:00	2.4216	0.4008	0.0010	1.2332	0.0030	0.0000	0.0000
2017-03-11 20:45:00	3.8140	0.4008	0.0015	1.2114	0.0046	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-03-11 21:00:00	2.8014	0.4008	0.0011	1.1688	0.0033	0.0000	0.0000	
2017-03-11 21:15:00	2.2780	0.4008	0.0009	1.1192	0.0025	0.0000	0.0000	
2017-03-11 21:30:00	1.3563	0.4008	0.0005	1.0633	0.0014	0.0000	0.0000	
2017-03-11 21:45:00	2.5771	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-11 22:00:00	2.0064	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-11 22:15:00	2.0750	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-11 22:30:00	2.0603	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-11 22:45:00	1.7203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-11 23:00:00	0.6811	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-11 23:15:00	1.3787	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-11 23:30:00	0.6446	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-11 23:45:00	0.8606	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 00:00:00	0.6389	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 00:15:00	0.6770	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	
2017-03-12 00:30:00	0.9267	0.0000		0.0000			0.0000	
2017-03-12 00:45:00	0.6437	0.4008	0.0000 0.0002	0.3534	0.0002	0.0000	0.0000	
2017-03-12 01:00:00	0.5916				0.0003	0.0000	0.0000	
2017-03-12 01:15:00 2017-03-12 01:30:00	2.3623 0.9639	0.4008 0.4008	0.0009 0.0004	0.4161 0.4977	0.0010 0.0005	0.0000 0.0000	0.0000	
2017-03-12 01:45:00 2017-03-12 02:00:00	0.6173 0.9496	0.4008 0.4008	0.0002 0.0004	0.5118 0.5006	0.0003 0.0005	0.0000 0.0000	0.0000	
2017-03-12 02:00:00 2017-03-12 02:15:00	0.9496 1.4928	0.4008 31.0939	0.0004	0.5006	0.0005	0.0000	0.0000	
2017-03-12 02:15:00	0.8303	1.0020	0.0464	0.6034	0.0009	0.0000	0.0000	
2017-03-12 02:30:00	1.1224	1.0020	0.0008	0.4952	0.0004	0.0000	0.0000	
2017-03-12 02:45:00 2017-03-12 03:00:00	1.1224	1.0020	0.0011	0.5172	0.0006	0.0000	0.0000	
2017-03-12 03:00:00	3.4574	1.0020	0.0019	0.4839	0.0010	0.0000	0.0000	
2017-03-12 03:15:00	3.3478	1.0020	0.0033	0.4839	0.0017	0.0000	0.0000	
2017-03-12 03:45:00	3.2677	1.0020	0.0034	0.2661	0.0013	0.0000	0.0000	
2017-03-12 04:00:00	3.1051	1.0020	0.0031	0.0663	0.0003	0.0000	0.0000	
2017-03-12 04:15:00	3.4314	1.0020	0.0031	0.0366	0.0001	0.0000	0.0000	
2017-03-12 04:30:00	3.5414	1.0020	0.0035	0.0908	0.0003	0.0000	0.0000	
2017-03-12 04:45:00	1.8894	1.0020	0.0019	0.1575	0.0003	0.0000	0.0000	
2017-03-12 05:00:00	2.7691	1.0020	0.0028	0.1705	0.0005	0.0000	0.0000	
2017-03-12 05:15:00	3.9017	1.0020	0.0039	0.3293	0.0013	0.0000	0.0000	
2017-03-12 05:30:00	4.1699	1.0020	0.0042	0.3300	0.0014	0.0000	0.0000	
2017-03-12 05:45:00	3.5723	1.0020	0.0036	0.1996	0.0007	0.0000	0.0000	
2017-03-12 06:00:00	3.9684	1.0020	0.0040	0.1191	0.0005	0.0000	0.0000	
2017-03-12 06:15:00	4.7204	1.0020	0.0047	0.1797	0.0008	0.0000	0.0000	
2017-03-12 06:30:00	3.9237	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 06:45:00	4.3310	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 07:00:00	4.6191	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 07:15:00	4.6940	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 07:30:00	5.0720	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 07:45:00	5.0720	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 08:00:00	4.6170	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 08:15:00	4.1733	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 08:30:00	4.2882	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 08:45:00	4.1124	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-12 09:00:00	4.1497	0.0000	0.0000	0.3173	0.0013	0.0000	0.0000	
2017-03-12 09:15:00	4.2216	1.0020	0.0042	1.5138	0.0064	0.0000	0.0000	
2017-03-12 09:30:00	4.6448	1.0020	0.0047	1.6569	0.0077	0.0000	0.0000	
2017-03-12 09:45:00	4.7907	18.2839	0.0876	1.6569	0.0079	0.0000	0.0000	
2017-03-12 10:00:00	4.7907	125.0438	0.5991	1.5597	0.0075	0.0000	0.0000	
2017-03-12 10:15:00	4.7907	125.0438	0.5991	0.1999	0.0010	0.0000	0.0000	
2017-03-12 10:30:00	4.7907	125.0438	0.5991	0.1435	0.0007	0.0000	0.0000	
2017-03-12 10:45:00	4.7907	125.0438	0.5991	0.1435	0.0007	0.0000	0.0000	
2017-03-12 11:00:00	4.7907	125.0438	0.5991	0.1435	0.0007	0.0000	0.0000	
2017-03-12 11:15:00	4.7907	125.0438	0.5991	0.1435	0.0007	0.0000	0.0000	
2017-03-12 11:30:00	4.7907	125.0438	0.5991	0.4363	0.0021	0.0000	0.0000	
2017-03-12 11:45:00	4.7907	125.0438	0.5991	0.2681	0.0013	0.0000	0.0000	
2017-03-12 12:00:00	4.7907	152.9052	0.7325	0.8401	0.0040	0.0000	0.0000	
2017-03-12 12:15:00	5.0090	157.9078	0.7910	1.2262	0.0061	0.0000	0.0000	
2017-03-12 12:30:00	5.2552	157.9078	0.8298	0.8966	0.0047	0.0000	0.0000	
2017-03-12 12:45:00	4.7893	157.9078	0.7563	1.1036	0.0053	0.0000	0.0000	
2017-03-12 13:00:00	3.9660	157.9078	0.6263	1.1836	0.0047	0.0000	0.0000	
2017-03-12 13:15:00	3.3084	157.9078	0.5224	0.9307	0.0031	0.0000	0.0000	
2017-03-12 13:30:00	3.0196	157.9078	0.4768	0.8087	0.0024	0.0000	0.0000	
2017-03-12 13:45:00	3.6693	157.9078	0.5794	0.3714	0.0014	0.0000	0.0000	
2017-03-12 14:00:00	4.0612	157.9078	0.6413	1.2618	0.0051	0.0000	0.0000	
2017-03-12 14:15:00	3.8647	157.9078	0.6103	1.0164	0.0039	0.0000	0.0000	
2017-03-12 14:30:00	3.4900	157.9078	0.5511	0.8657	0.0030	0.0000	0.0000	
2017-03-12 14:45:00	4.5016	157.9078	0.7108	0.6609	0.0030	0.0000	0.0000	
1	4.6952	157.9078	0.7414	0.0416	0.0002	0.0000	0.0000	
2017-03-12 15:00:00	4.0332	157.5070	-					
2017-03-12 15:00:00 2017-03-12 15:15:00	4.7342	157.9078	0.7476	0.0000	0.0000	0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-12 15:45:00	4.8382	157.9078	0.7640	0.5617	0.0027	0.0000	0.0000
2017-03-12 16:00:00	5.0075	157.9078	0.7907	0.8497	0.0043	0.0000	0.0000
2017-03-12 16:15:00	4.9589	157.9078	0.7830	0.7813	0.0039	0.0000	0.0000
2017-03-12 16:30:00	5.4762	157.9078	0.8647	0.7422	0.0041	0.0000	0.0000
2017-03-12 16:45:00	5.6036	157.9078	0.8849	0.4604	0.0026	0.0000	0.0000
2017-03-12 17:00:00	5.6036	157.9078	0.8849	0.3823	0.0021	0.0000	0.0000
2017-03-12 17:15:00	5.1850	157.9078	0.8188	0.2215	0.0011	0.0000	0.0000
2017-03-12 17:30:00	5.1092	157.9078	0.8068	0.2007	0.0010	0.0000	0.0000
2017-03-12 17:45:00	5.1092	157.9078	0.8068	0.3208	0.0016	0.0000	0.0000
2017-03-12 18:00:00	5.1092	157.9078	0.8068	0.6153	0.0031	0.0000	0.0000
2017-03-12 18:15:00	4.9763	157.9078	0.7858	0.4384	0.0022	0.0000	0.0000
2017-03-12 18:30:00	4.6437	157.9078	0.7333	0.0415	0.0002	0.0000	0.0000
2017-03-12 18:45:00	4.6437	157.9078	0.7333	0.0254	0.0001	0.0000	0.0000
2017-03-12 19:00:00	4.6437	157.9078	0.7333	0.0254	0.0001	0.0000	0.0000
2017-03-12 19:15:00	4.6437	157.9078	0.7333	0.0254	0.0001	0.0000	0.0000
2017-03-12 19:30:00	4.6437	133.7708	0.6212	0.0254	0.0001	0.0000	0.0000
2017-03-12 19:45:00	4.6437	124.8434	0.5797	0.0254	0.0001	0.0000	0.0000
2017-03-12 20:00:00	4.6437	124.8434	0.5797	0.0254	0.0001	0.0000	0.0000
2017-03-12 20:15:00	4.6437	124.8434	0.5797	0.0254	0.0001 0.0001	0.0000 0.0000	0.0000
2017-03-12 20:30:00 2017-03-12 20:45:00	4.6437 4.5335	124.8434 124.8434	0.5797 0.5660	0.0254 0.0254	0.0001	0.0000	0.0000 0.0000
2017-03-12 20:45:00	4.1409		0.5170	0.0254		0.0000	0.0000
2017-03-12 21:00:00	4.1409 3.8446	124.8434 124.8434	0.5170	0.0254	0.0001 0.0001	0.0000	0.0000
2017-03-12 21:15:00	3.8446 4.0424	124.8434	0.4800	0.0254	0.0001	0.0000	0.0000
2017-03-12 21:45:00	4.0369	124.8434	0.5047	0.0254	0.0001	0.0000	0.0000
2017-03-12 22:00:00	3.8719	124.8434	0.4834	0.0254	0.0001	0.0000	0.0000
2017-03-12 22:15:00	4.5143	124.8434	0.5636	0.0590	0.0003	0.0000	0.0000
2017-03-12 22:30:00	4.6212	124.8434	0.5769	0.1007	0.0005	0.0000	0.0000
2017-03-12 22:45:00	4.6169	124.8434	0.5764	0.0900	0.0004	0.0000	0.0000
2017-03-12 23:00:00	4.8039	124.8434	0.5997	0.0705	0.0003	0.0000	0.0000
2017-03-12 23:15:00	4.8039	124.8434	0.5997	0.2569	0.0012	0.0000	0.0000
2017-03-12 23:30:00	4.8039	124.8434	0.5997	0.2626	0.0013	0.0000	0.0000
2017-03-12 23:45:00	4.8039	124.8434	0.5997	0.5081	0.0024	0.0000	0.0000
2017-03-13 00:00:00	4.8039	124.8434	0.5997	0.2954	0.0014	0.0000	0.0000
2017-03-13 00:15:00	4.8039	124.8434	0.5997	0.0213	0.0001	0.0000	0.0000
2017-03-13 00:30:00	4.8039	124.8434	0.5997	0.0213	0.0001	0.0000	0.0000
2017-03-13 00:45:00	4.8039	124.8434	0.5997	0.0213	0.0001	0.0000	0.0000
2017-03-13 01:00:00	4.8039	124.8434	0.5997	0.0213	0.0001	0.0000	0.0000
2017-03-13 01:15:00	5.0104	124.8434	0.6255	0.0213	0.0001	0.0000	0.0000
2017-03-13 01:30:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 01:45:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 02:00:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 02:15:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 02:30:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 02:45:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 03:00:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 03:15:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 03:30:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 03:45:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 04:00:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 04:15:00	5.2791	124.8434	0.6591	0.0213	0.0001	0.0000	0.0000
2017-03-13 04:30:00	5.2791	124.8434	0.6591	0.0388	0.0002	0.0000	0.0000
2017-03-13 04:45:00	5.0349	124.8434	0.6286	0.0213	0.0001	0.0000	0.0000
2017-03-13 05:00:00	4.6760	124.8434	0.5838	0.0213	0.0001	0.0000	0.0000
2017-03-13 05:15:00	4.7948	124.8434	0.5986	0.0213	0.0001	0.0000	0.0000
2017-03-13 05:30:00	4.8039	124.8434	0.5997	0.0213	0.0001	0.0000	0.0000
2017-03-13 05:45:00	4.8039	124.8434	0.5997	0.0213	0.0001	0.0000	0.0000
2017-03-13 06:00:00	4.8039	124.8434	0.5997	0.0213	0.0001	0.0000	0.0000
2017-03-13 06:15:00	4.8039	124.8434	0.5997	0.0454	0.0002	0.0000	0.0000
2017-03-13 06:30:00	4.8039	124.8434	0.5997	0.0185	0.0001	0.0000	0.0000
2017-03-13 06:45:00	4.8039	124.8434	0.5997	0.2437	0.0012	0.0000	0.0000
2017-03-13 07:00:00	4.8039	128.5172	0.6174	0.2362	0.0011	0.0000	0.0000
2017-03-13 07:15:00	4.9892	157.9078	0.7878	0.3984	0.0020	0.0000	0.0000
2017-03-13 07:30:00	5.2672	157.9078	0.8317	0.4925	0.0026	0.0000	0.0000
2017-03-13 07:45:00	4.8414	157.9078	0.7645	0.5320	0.0026	0.0000	0.0000
2017-03-13 08:00:00	4.3201	157.9078	0.6822	0.0000	0.0000	0.0000	0.0000
2017-03-13 08:15:00	3.8632	157.9078	0.6100	0.0000	0.0000	0.0000	0.0000
2017-03-13 08:30:00	4.6601	157.9078	0.7359	0.0000	0.0000	0.0000	0.0000
2017-03-13 08:45:00	4.3674	157.9078	0.6896	0.0000	0.0000	0.0000	0.0000
2017-03-13 09:00:00	3.9810	157.9078	0.6286	0.0000	0.0000	0.0000	0.0000
2017-03-13 09:15:00	3.4684	157.9078	0.5477	0.0000	0.0000	0.0000	0.0000
2017-03-13 09:30:00	4.0501	157.9078	0.6395	0.0000	0.0000	0.0000	0.0000
2017-03-13 09:45:00	4.5554	157.9078	0.7193	0.0000	0.0000	0.0000	0.0000
2017-03-13 10:00:00	4.3461	157.9078	0.6863	0.2320	0.0010	0.0000	0.0000
2017-03-13 10:15:00	3.7284	157.9078	0.5887	0.6780	0.0025	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-13 10:30:00	4.0980	157.9078	0.6471	0.0799	0.0003	0.0000	0.0000
2017-03-13 10:45:00	3.4494	157.9078	0.5447	0.4409	0.0015	0.0000	0.0000
2017-03-13 11:00:00	3.0549	157.9078	0.4824	0.1999	0.0006	0.0000	0.0000
2017-03-13 11:15:00	3.0990	157.9078	0.4894	0.0561	0.0002	0.0000	0.0000
2017-03-13 11:30:00	3.6455	157.9078	0.5756	0.1984	0.0007	0.0000	0.0000
2017-03-13 11:45:00	3.7717	157.9078	0.5956	0.1715	0.0006	0.0000	0.0000
2017-03-13 12:00:00	3.8625	157.9078	0.6099	0.1706 0.1492	0.0007	0.0000	0.0000
2017-03-13 12:15:00	4.0669 3.9991	157.9078 157.9078	0.6422 0.6315	0.1492	0.0006 0.0006	0.0000 0.0000	0.0000
2017-03-13 12:30:00 2017-03-13 12:45:00		157.9078	0.6395	0.1424	0.0006	0.0000	0.0000
2017-03-13 12:45:00	4.0499		0.6627	0.0786	0.0003	0.0000	0.0000
	4.1968 3.6834	157.9078 157.9078	0.5816	0.1043	0.0004	0.0000	0.0000
2017-03-13 13:15:00 2017-03-13 13:30:00	3.3619	157.9078	0.5309	0.4232	0.0016	0.0000	0.0000
2017-03-13 13:35:00	3.0561	157.9078	0.5309	0.2161	0.0007	0.0000	0.0000
2017-03-13 13:43:00	2.9670	157.9078	0.4685	0.0582	0.0002	0.0000	0.0000
2017-03-13 14:05:00	2.4929	157.9078	0.3936	0.0233	0.0002	0.0000	0.0000
2017-03-13 14:15:00	2.3189	157.9078	0.3662	0.0233	0.0001	0.0000	0.0000
2017-03-13 14:45:00	2.2131	157.9078	0.3495	0.1090	0.0003	0.0000	0.0000
2017-03-13 14:43:00	1.4206	157.9078	0.2243	0.2852	0.0002	0.0000	0.0000
2017-03-13 15:00:00	1.4200	157.9078	0.2245	0.5661	0.0004	0.0000	0.0000
2017-03-13 15:15:00	0.7375	157.9078	0.2225	0.5786	0.0008	0.0000	0.0000
2017-03-13 15:30:00	0.9612	157.9078	0.1165	0.3786	0.0004	0.0000	0.0000
2017-03-13 15:43:00	1.9398	157.9078	0.3063	0.3681	0.0003	0.0000	0.0000
2017-03-13 16:05:00	2.0123	157.9078	0.3178	0.3172	0.0007	0.0000	0.0000
2017-03-13 16:30:00	2.1469	157.9078	0.3390	0.1197	0.0003	0.0000	0.0000
2017-03-13 16:45:00	1.5344	157.9078	0.2423	0.0052	0.0000	0.0000	0.0000
2017-03-13 17:00:00	1.8132	135.3505	0.2454	0.1250	0.0002	0.0000	0.0000
2017-03-13 17:15:00	2.1710	124.8434	0.2710	0.1751	0.0004	0.0000	0.0000
2017-03-13 17:30:00	1.2537	124.8434	0.1565	0.7583	0.0010	0.0000	0.0000
2017-03-13 17:45:00	0.8382	124.8434	0.1046	0.7593	0.0006	0.0000	0.0000
2017-03-13 18:00:00	1.1515	124.8434	0.1438	0.7850	0.0009	0.0000	0.0000
2017-03-13 18:15:00	1.0077	124.8434	0.1258	1.0666	0.0011	0.0000	0.0000
2017-03-13 18:30:00	0.9055	124.8434	0.1130	0.9554	0.0009	0.0000	0.0000
2017-03-13 18:45:00	1.4118	124.8434	0.1762	0.9829	0.0014	0.0000	0.0000
2017-03-13 19:00:00	1.3097	124.8434	0.1635	0.7303	0.0010	0.0000	0.0000
2017-03-13 19:15:00	1.8336	124.8434	0.2289	0.1762	0.0003	0.0000	0.0000
2017-03-13 19:30:00	1.6279	124.8434	0.2032	0.1491	0.0002	0.0000	0.0000
2017-03-13 19:45:00	1.1469	124.8434	0.1432	0.4225	0.0005	0.0000	0.0000
2017-03-13 20:00:00	0.7806	124.8434	0.0974	0.7259	0.0006	0.0000	0.0000
2017-03-13 20:15:00	1.2199	124.8434	0.1523	1.0899	0.0013	0.0000	0.0000
2017-03-13 20:30:00	1.7019	124.8434	0.2125	1.2135	0.0021	0.0000	0.0000
2017-03-13 20:45:00	1.5083	124.8434	0.1883	1.4926	0.0023	0.0000	0.0000
2017-03-13 21:00:00	1.4982	124.8434	0.1870	1.2048	0.0018	0.0000	0.0000
2017-03-13 21:15:00	2.2222	124.8434	0.2774	1.5696	0.0035	0.0000	0.0000
2017-03-13 21:30:00	3.0108	124.8434	0.3759	1.4294	0.0043	0.0000	0.0000
2017-03-13 21:45:00	3.2895	124.8434	0.4107	1.4816	0.0049	0.0000	0.0000
2017-03-13 22:00:00	3.1150	124.8434	0.3889	1.7014	0.0053	0.0000	0.0000
2017-03-13 22:15:00	3.3247	124.8434	0.4151	1.8400	0.0061	0.0000	0.0000
2017-03-13 22:30:00	3.0924	124.8434	0.3861	1.6733	0.0052	0.0000	0.0000
2017-03-13 22:45:00	3.6684	124.8434	0.4580	1.8954	0.0070	0.0000	0.0000
2017-03-13 23:00:00	4.3748	124.8434	0.5462	1.9496	0.0085	0.0000	0.0000
2017-03-13 23:15:00	4.7068	124.8434	0.5876	2.0047	0.0094	0.0000	0.0000
2017-03-13 23:30:00	3.8393	124.8434	0.4793	1.8552	0.0071	0.0000	0.0000
2017-03-13 23:45:00	2.8003	124.8434	0.3496	1.6128	0.0045	0.0000	0.0000
2017-03-14 00:00:00	1.9920	124.8434	0.2487	1.5225	0.0030	0.0000	0.0000
2017-03-14 00:15:00	3.4310	124.8434	0.4283	1.6134	0.0055	0.0000	0.0000
2017-03-14 00:30:00	4.3114	124.8434	0.5382	1.8304	0.0079	0.0000	0.0000
2017-03-14 00:45:00	3.8349	124.8434	0.4788	1.8525	0.0071	0.0000	0.0000
2017-03-14 01:00:00	4.0433	124.8434	0.5048	1.6062	0.0065	0.0000	0.0000
2017-03-14 01:15:00	3.9191	124.8434	0.4893	1.7153	0.0067	0.0000	0.0000
2017-03-14 01:30:00	4.0918	124.8434	0.5108	1.7143	0.0070	0.0000	0.0000
2017-03-14 01:45:00	4.0894	124.8434	0.5105	1.6450	0.0067	0.0000	0.0000
2017-03-14 02:00:00	3.4612	124.8434	0.4321	0.2395	0.0008	0.0000	0.0000
2017-03-14 02:15:00	3.4916	124.8434	0.4359	0.0379	0.0001	0.0000	0.0000
2017-03-14 02:30:00	3.0258	124.8434	0.3777	0.1089	0.0003	0.0000	0.0000
2017-03-14 02:45:00	1.6343	124.8434	0.2040	0.3390	0.0006	0.0000	0.0000
2017-03-14 03:00:00	1.4893	124.8434	0.1859	0.1342	0.0002	0.0000	0.0000
2017-03-14 03:15:00	1.8070	124.8434	0.2256	0.0542	0.0001	0.0000	0.0000
2017-03-14 03:30:00	0.5940	124.8434	0.0742	0.0542	0.0000	0.0000	0.0000
		93.3587	0.1284	0.0542	0.0001	0.0000	0.0000
2017-03-14 03:45:00	1.3752	33.3367					
	1.3752 1.2293	91.7789	0.1128	0.0542	0.0001	0.0000	0.0000
2017-03-14 03:45:00 2017-03-14 04:00:00 2017-03-14 04:15:00	1.2293 1.6231	91.7789 91.7789	0.1490	0.0542	0.0001	0.0000	0.0000
2017-03-14 03:45:00 2017-03-14 04:00:00 2017-03-14 04:15:00 2017-03-14 04:30:00	1.2293 1.6231 1.8500	91.7789 91.7789 91.7789	0.1490 0.1698	0.0542 0.0542	0.0001 0.0001	0.0000 0.0000	0.0000 0.0000
2017-03-14 03:45:00 2017-03-14 04:00:00 2017-03-14 04:15:00	1.2293 1.6231	91.7789 91.7789	0.1490	0.0542	0.0001	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-03-14 05:15:00	3.5991	91.7789	0.3303	0.0542	0.0002	0.0000	0.0000	
2017-03-14 05:30:00	1.2847	91.7789	0.1179	0.0542	0.0001	0.0000	0.0000	
2017-03-14 05:45:00	1.3487	91.7789	0.1238	0.0542	0.0001	0.0000	0.0000	
2017-03-14 06:00:00	2.5201	91.7789	0.2313	0.0542	0.0001	0.0000	0.0000	
2017-03-14 06:15:00	3.8381	91.7789	0.3523	0.0542	0.0002	0.0000	0.0000	
2017-03-14 06:30:00	4.2012	91.7789	0.3856	0.0542	0.0002	0.0000	0.0000	
2017-03-14 06:45:00	4.2282	91.7789	0.3881 0.3959	0.0542 0.0542	0.0002	0.0000	0.0000	
2017-03-14 07:00:00 2017-03-14 07:15:00	4.3134 4.5021	91.7789 91.7789	0.3959	0.0542	0.0002 0.0002	0.0000 0.0000	0.0000 0.0000	
2017-03-14 07:15:00	4.5298	91.7789	0.4157	0.0542	0.0002	0.0000	0.0000	
2017-03-14 07:45:00	3.6048	91.7789	0.3308	0.0542	0.0002	0.0000	0.0000	
2017-03-14 07:43:00	0.3924	91.7789	0.0360	0.0475	0.0002	0.0000	0.0000	
2017-03-14 08:05:00	0.1287	91.7789	0.0118	0.0475	0.0000	0.0000	0.0000	
2017-03-14 08:30:00	0.2016	91.7789	0.0118	0.1795	0.0000	0.0000	0.0000	
2017-03-14 08:45:00	0.1487	91.7789	0.0136	0.1287	0.0000	0.0000	0.0000	
2017-03-14 09:00:00	0.1680	91.7789	0.0154	0.0563	0.0000	0.0000	0.0000	
2017-03-14 09:15:00	0.0358	91.7789	0.0033	0.0995	0.0000	0.0000	0.0000	
2017-03-14 09:30:00	1.7643	91.7789	0.1619	0.0464	0.0001	0.0000	0.0000	
2017-03-14 09:45:00	3.7804	91.7789	0.3470	0.0606	0.0002	0.0000	0.0000	
2017-03-14 10:00:00	3.8872	91.7789	0.3568	0.0041	0.0000	0.0000	0.0000	
2017-03-14 10:15:00	4.1023	91.7789	0.3765	0.0041	0.0000	0.0000	0.0000	
2017-03-14 10:30:00	4.4388	91.7789	0.4074	0.0041	0.0000	0.0000	0.0000	
2017-03-14 10:45:00	4.2498	91.7789	0.3900	0.0041	0.0000	0.0000	0.0000	
2017-03-14 11:00:00	4.2621	91.7789	0.3912	0.0041	0.0000	0.0000	0.0000	
2017-03-14 11:15:00	4.3417	91.7789	0.3985	0.0041	0.0000	0.0000	0.0000	
2017-03-14 11:30:00	4.2558	91.7789	0.3906	0.0111	0.0000	0.0000	0.0000	
2017-03-14 11:45:00	3.6778	91.7789	0.3375	0.0000	0.0000	0.0000	0.0000	
2017-03-14 12:00:00	2.2943	91.7789	0.2106	0.0000	0.0000	0.0000	0.0000	
2017-03-14 12:15:00	1.9752	91.7789	0.1813	0.0000	0.0000	0.0000	0.0000	
2017-03-14 12:30:00	2.1800	91.7789	0.2001	0.0000	0.0000	0.0000	0.0000	
2017-03-14 12:45:00	3.1743	91.7789	0.2913	0.0000	0.0000	0.0000	0.0000	
2017-03-14 13:00:00	2.5129	91.7789	0.2306	0.0000	0.0000	0.0000	0.0000	
2017-03-14 13:15:00	2.4009	66.0621	0.1586	0.0000	0.0000	0.0000	0.0000	
2017-03-14 13:30:00	2.8444	58.7145	0.1670	0.0000	0.0000	0.0000	0.0000	
2017-03-14 13:45:00	1.4016	58.7145	0.0823	0.0000	0.0000	0.0000	0.0000	
2017-03-14 14:00:00	1.2956	58.7145	0.0761	0.0613	0.0001	0.0000	0.0000	
2017-03-14 14:15:00	2.1874	58.7145	0.1284	0.0877	0.0002	0.0000	0.0000	
2017-03-14 14:30:00	1.2003	58.7145	0.0705	0.0168	0.0000	0.0000	0.0000	
2017-03-14 14:45:00	1.0158	58.7145	0.0596	0.1377	0.0001	0.0000	0.0000	
2017-03-14 15:00:00	0.6974	58.7145	0.0409	0.0578	0.0000	0.0000	0.0000	
2017-03-14 15:15:00	0.9702	58.7145	0.0570	0.1292	0.0001	0.0000	0.0000	
2017-03-14 15:30:00	0.3798	58.7145	0.0223	0.1566	0.0001	0.0000	0.0000	
2017-03-14 15:45:00	1.3285	58.7145	0.0780	0.1736	0.0002	0.0000	0.0000	
2017-03-14 16:00:00	1.2161	58.7145	0.0714	0.2522	0.0003	0.0000	0.0000	
2017-03-14 16:15:00	1.2797	58.7145	0.0751	0.3722	0.0005	0.0000	0.0000	
2017-03-14 16:30:00	2.0616	58.7145	0.1210	0.2242	0.0005	0.0000	0.0000	
2017-03-14 16:45:00	2.5401	58.7145	0.1491	0.2742	0.0007	0.0000	0.0000	
2017-03-14 17:00:00	1.2984	58.7145	0.0762	0.3385	0.0004	0.0000	0.0000	
2017-03-14 17:15:00	1.1205	58.7145	0.0658	0.2825	0.0003	0.0000	0.0000	
2017-03-14 17:30:00	1.3963	58.7145	0.0820	0.0329	0.0000	0.0000	0.0000	
2017-03-14 17:45:00	1.1320	58.7145	0.0665	0.0227	0.0000	0.0000	0.0000	
2017-03-14 18:00:00	1.2712	58.7145	0.0746	0.0551	0.0001	0.0000	0.0000	
2017-03-14 18:15:00	1.3276	58.7145	0.0779	0.0389	0.0001	0.0000	0.0000	
2017-03-14 18:30:00	0.5121	58.7145	0.0301	0.0491	0.0000	0.0000	0.0000	
2017-03-14 18:45:00	0.6045	58.7145	0.0355	0.0507	0.0000	0.0000	0.0000	
2017-03-14 19:00:00	0.6756	58.7145	0.0397	0.1298	0.0001	0.0000	0.0000	
2017-03-14 19:15:00	0.3233	58.7145	0.0190	0.1256	0.0000	0.0000	0.0000	
2017-03-14 19:30:00	0.8742	58.7145	0.0513	0.1104	0.0001	0.0000	0.0000	
2017-03-14 19:45:00	0.7218	58.7145	0.0424	0.1023	0.0001	0.0000	0.0000	
2017-03-14 20:00:00	2.1114	58.7145	0.1240	0.4439	0.0009	0.0000	0.0000	
2017-03-14 20:15:00	0.7300	58.7145	0.0429	0.1363	0.0001	0.0000	0.0000	
2017-03-14 20:30:00	0.7423	58.7145	0.0436	0.0756	0.0001	0.0000	0.0000	
2017-03-14 20:45:00	0.9292	58.7145	0.0546	0.0652	0.0001	0.0000	0.0000	
2017-03-14 21:00:00	1.2460	58.7145	0.0732	0.0315	0.0000	0.0000	0.0000	
2017-03-14 21:15:00	0.5846	58.7145	0.0343	0.0276	0.0000	0.0000	0.0000	
2017-03-14 21:30:00	0.5705	58.7145	0.0335	0.0000	0.0000	0.0000	0.0000	
2017-03-14 21:45:00	0.3945	58.7145	0.0232	0.0000	0.0000	0.0000	0.0000	
2017-03-14 22:00:00	0.7153	58.7145	0.0420	0.0000	0.0000	0.0000	0.0000	
2017-03-14 22:15:00	0.5625	58.7145	0.0330	0.0088	0.0000	0.0000	0.0000	
2017-03-14 22:30:00	0.3542	58.7145	0.0208	0.0179	0.0000	0.0000	0.0000	
2017-03-14 22:45:00	0.6835	58.7145	0.0401	0.0047	0.0000	0.0000	0.0000	
2017-03-14 23:00:00	0.5274	58.7145	0.0310	0.0451	0.0000	0.0000	0.0000	
2017-03-14 23:15:00	0.7781	58.7145	0.0457	0.1075	0.0001	0.0000	0.0000	
2017-03-14 23:30:00	0.5303	58.7145	0.0311	0.2938	0.0002	0.0000	0.0000	
2017-03-14 23:45:00	0.4873	58.7145	0.0286	0.3528	0.0002	0.0000	0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-15 00:00:00	2.3010	58.7145	0.1351	0.3509	0.0008	0.0000	0.0000
2017-03-15 00:15:00	3.9901	58.7145	0.2343	0.4211	0.0017	0.0000	0.0000
2017-03-15 00:30:00	3.9597	58.7145	0.2325	0.2940	0.0012	0.0000	0.0000
2017-03-15 00:45:00	3.8366	58.7145	0.2253	0.3446	0.0013	0.0000	0.0000
2017-03-15 01:00:00	3.2973	58.7145	0.1936	0.3554	0.0012	0.0000	0.0000
2017-03-15 01:15:00	3.1311	58.7145	0.1838	0.3120	0.0010	0.0000	0.0000
2017-03-15 01:30:00	4.1624	58.7145	0.2444	0.2767	0.0012	0.0000	0.0000
2017-03-15 01:45:00	4.0777	58.7145	0.2394	0.2616	0.0011	0.0000	0.0000
2017-03-15 02:00:00	4.0741	58.7145	0.2392	0.2616	0.0011	0.0000	0.0000
2017-03-15 02:15:00	3.3173	58.7145	0.1948	0.3411	0.0011	0.0000	0.0000
2017-03-15 02:30:00	3.8701	58.7145	0.2272	0.2516	0.0010	0.0000	0.0000
2017-03-15 02:45:00	4.1519	58.7145	0.2438	0.2489	0.0010	0.0000	0.0000
2017-03-15 03:00:00	4.4487	58.7145	0.2612	0.2214	0.0010	0.0000	0.0000
2017-03-15 03:15:00	4.3762	58.7145	0.2569	0.2028	0.0009	0.0000	0.0000
2017-03-15 03:30:00	4.5577	58.7145	0.2676	0.1999	0.0009	0.0000	0.0000
2017-03-15 03:45:00	4.7206	58.7145	0.2772	0.1820	0.0009	0.0000	0.0000
2017-03-15 04:00:00	4.8611	58.7145	0.2854	0.2670	0.0013	0.0000	0.0000
2017-03-15 04:15:00	4.7338	58.7145	0.2779	0.3006 0.1990	0.0014	0.0000 0.0000	0.0000
2017-03-15 04:30:00	4.6039	58.7145	0.2703		0.0009	0.0000	0.0000
2017-03-15 04:45:00	4.4373	58.7145 58.7145	0.2605	0.3296 0.3597	0.0015	0.0000	0.0000 0.0000
2017-03-15 05:00:00 2017-03-15 05:15:00	4.1350 4.3581	58.7145 58.7145	0.2428 0.2559	0.3597	0.0015 0.0013	0.0000	0.0000
2017-03-15 05:15:00	4.6059	58.7145	0.2339	0.2589	0.0013	0.0000	0.0000
2017-03-15 05:45:00	4.4130	58.7145	0.2591	0.3853	0.0012	0.0000	0.0000
2017-03-15 05:45:00	4.0736	58.7145	0.2391	0.3810	0.0017	0.0000	0.0000
2017-03-15 06:15:00	3.6928	58.7145	0.2168	0.2970	0.0010	0.0000	0.0000
2017-03-15 06:30:00	3.2934	58.7145	0.1934	0.4015	0.0011	0.0000	0.0000
2017-03-15 06:45:00	3.2385	58.7145	0.1901	0.4004	0.0013	0.0000	0.0000
2017-03-15 07:00:00	1.8958	58.7145	0.1113	0.4252	0.0008	0.0000	0.0000
2017-03-15 07:15:00	3.0531	58.7145	0.1793	0.6205	0.0019	0.0000	0.0000
2017-03-15 07:30:00	3.5958	58.7145	0.2111	0.4494	0.0016	0.0000	0.0000
2017-03-15 07:45:00	2.0212	58.7145	0.1187	0.0611	0.0001	0.0000	0.0000
2017-03-15 08:00:00	1.1596	58.7145	0.0681	0.0078	0.0000	0.0000	0.0000
2017-03-15 08:15:00	0.3250	58.7145	0.0191	0.0000	0.0000	0.0000	0.0000
2017-03-15 08:30:00	0.2853	58.7145	0.0168	0.0000	0.0000	0.0000	0.0000
2017-03-15 08:45:00	0.2249	58.7145	0.0132	0.0000	0.0000	0.0000	0.0000
2017-03-15 09:00:00	0.2078	58.7145	0.0122	0.0000	0.0000	0.0000	0.0000
2017-03-15 09:15:00	0.0079	58.7145	0.0005	0.2657	0.0000	0.0000	0.0000
2017-03-15 09:30:00	0.7869	58.7145	0.0462	0.0417	0.0000	0.0000	0.0000
2017-03-15 09:45:00	1.5253	58.7145	0.0896	0.0502	0.0001	0.0000	0.0000
2017-03-15 10:00:00	1.0503	58.7145	0.0617	0.0165	0.0000	0.0000	0.0000
2017-03-15 10:15:00	0.4255	58.7145	0.0250	0.0165	0.0000	0.0000	0.0000
2017-03-15 10:30:00	0.2571	58.7145	0.0151	0.0165	0.0000	0.0000	0.0000
2017-03-15 10:45:00	0.2865	58.7145	0.0168	0.0165	0.0000	0.0000	0.0000
2017-03-15 11:00:00	0.2114	58.7145	0.0124	0.0165	0.0000	0.0000	0.0000
2017-03-15 11:15:00	0.6860	58.7145	0.0403	0.0165	0.0000	0.0000	0.0000
2017-03-15 11:30:00	0.1049	58.7145	0.0062	0.0165	0.0000	0.0000	0.0000
2017-03-15 11:45:00	0.4800	58.7145	0.0282	0.0165	0.0000	0.0000	0.0000
2017-03-15 12:00:00	1.0588	58.7145	0.0622	0.0272	0.0000	0.0000	0.0000
2017-03-15 12:15:00	1.4308	58.7145	0.0840	0.2405	0.0003	0.0000	0.0000
2017-03-15 12:30:00	0.6948	58.7145	0.0408	0.3406	0.0002	0.0000	0.0000
2017-03-15 12:45:00	1.6377	58.7145	0.0962	0.1282	0.0002	0.0000	0.0000
2017-03-15 13:00:00	0.4873	58.7145	0.0286	0.0054	0.0000	0.0000	0.0000
2017-03-15 13:15:00	1.1406	58.7145	0.0670	0.0000	0.0000	0.0000	0.0000
2017-03-15 13:30:00	1.5572	58.7145	0.0914	0.0192	0.0000	0.0000	0.0000
2017-03-15 13:45:00	0.7045	58.7145	0.0414	0.0394	0.0000	0.0000	0.0000
2017-03-15 14:00:00	1.0713	58.7145	0.0629	0.0234	0.0000	0.0000	0.0000
2017-03-15 14:15:00	0.1003	58.7145	0.0059	0.0192	0.0000	0.0000	0.0000
2017-03-15 14:30:00	0.8132	58.7145	0.0477	0.0192	0.0000	0.0000	0.0000
2017-03-15 14:45:00	1.3692	58.7145	0.0804	0.0219	0.0000	0.0000	0.0000
2017-03-15 15:00:00	1.3996	58.7145	0.0822	0.0789	0.0001	0.0000	0.0000
2017-03-15 15:15:00	1.7167	58.7145	0.1008	0.0796	0.0001	0.0000	0.0000
2017-03-15 15:30:00	2.3380	112.3953	0.2628	0.4444	0.0010	0.0000	0.0000
2017-03-15 15:45:00	3.0906	66.3293	0.2050	0.6097	0.0019	0.0000	0.0000
2017-03-15 16:00:00	3.1954	66.3293	0.2119	0.7603	0.0024	0.0000	0.0000
2017-03-15 16:15:00	3.7289	94.6717	0.3530	0.8415	0.0031	0.0000	0.0000
2017-03-15 16:30:00	4.8772	209.9150	1.0238	0.6687	0.0033	0.0000	0.0000
2017-03-15 16:45:00	5.3497	136.3629	0.7295	0.5041	0.0027	0.0000	0.0000
2017-03-15 17:00:00	5.1060	66.3293	0.3387	0.3084	0.0016	0.0000	0.0000
2017-03-15 17:15:00	5.0505	66.3293	0.3350	0.2624	0.0013	0.0000	0.0000
2017-03-15 17:30:00	4.2444	66.3293	0.2815	0.2574	0.0011	0.0000	0.0000
2017-03-15 17:45:00	3.8093	66.3293	0.2527	0.6681	0.0025	0.0000	0.0000
2017-03-15 18:00:00	2.7759	66.3293	0.1841	0.4285	0.0012	0.0000	0.0000
2017-03-15 18:15:00	2.5517	66.3293	0.1693	0.0000	0.0000	0.0000	0.0000
2017-03-15 18:30:00	2.0228	66.3293	0.1342	0.0000	0.0000	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate	N	Ox	NH3		N N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-03-15 18:45:00	3.4579	66.3293	0.2294	0.0000	0.0000	0.0000	0.0000	
2017-03-15 19:00:00	3.7947	66.3293	0.2517	0.0000	0.0000	0.0000	0.0000	
2017-03-15 19:15:00 2017-03-15 19:30:00	3.8989 4.1490	66.3293 66.3293	0.2586 0.2752	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	
2017-03-15 19:30:00	4.1490	66.3293	0.2752	0.0000	0.0000	0.0000	0.0000	
2017-03-15 13:43:00	4.2909	66.3293	0.2846	0.0000	0.0000	0.0000	0.0000	
2017-03-15 20:15:00	4.2909	66.3293	0.2846	0.0000	0.0000	0.0000	0.0000	
2017-03-15 20:30:00	4.2909	66.3293	0.2846	0.0000	0.0000	0.0000	0.0000	
2017-03-15 20:45:00	4.2909	66.3293	0.2846	0.0000	0.0000	0.0000	0.0000	
2017-03-15 21:00:00	4.2909	66.3293	0.2846	0.0000	0.0000	0.0000	0.0000	
2017-03-15 21:15:00	4.2909	66.3293	0.2846	0.0000	0.0000	0.0000	0.0000	
2017-03-15 21:30:00	4.2909	66.3293	0.2846	0.0000	0.0000	0.0000	0.0000	
2017-03-15 21:45:00	4.4829	66.3293	0.2973	0.0000	0.0000	0.0000	0.0000	
2017-03-15 22:00:00	4.4432	66.3293	0.2947	0.0000	0.0000	0.0000	0.0000	
2017-03-15 22:15:00 2017-03-15 22:30:00	4.2668 4.1984	66.3293 66.3293	0.2830 0.2785	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	
2017-03-15 22:45:00	4.1984	66.3293	0.2785	0.0000	0.0000	0.0000	0.0000	
2017-03-15 22:43:00	4.4162	66.3293	0.2929	0.0000	0.0000	0.0000	0.0000	
2017-03-15 23:15:00	4.4008	66.3293	0.2919	0.0000	0.0000	0.0000	0.0000	
2017-03-15 23:30:00	4.4188	66.3293	0.2931	0.0000	0.0000	0.0000	0.0000	
2017-03-15 23:45:00	4.5589	66.3293	0.3024	0.0000	0.0000	0.0000	0.0000	
2017-03-16 00:00:00	4.1125	66.3293	0.2728	0.0152	0.0001	0.0000	0.0000	
2017-03-16 00:15:00	4.0742	66.3293	0.2702	0.0411	0.0002	0.0000	0.0000	
2017-03-16 00:30:00	4.2904	66.3293	0.2846	0.0952	0.0004	0.0000	0.0000	
2017-03-16 00:45:00	4.3560	66.3293	0.2889	0.1015	0.0004	0.0000	0.0000	
2017-03-16 01:00:00	4.1910	66.3293	0.2780	0.0320	0.0001	0.0000	0.0000	
2017-03-16 01:15:00	4.1624	66.3293	0.2761	0.0069	0.0000	0.0000	0.0000	
2017-03-16 01:30:00	4.6323	66.3293	0.3073	0.1564	0.0007	0.0000	0.0000	
2017-03-16 01:45:00 2017-03-16 02:00:00	4.6357 4.3994	66.3293 66.3293	0.3075 0.2918	0.1940 0.0823	0.0009 0.0004	0.0000 0.0000	0.0000	
2017-03-16 02:00:00	4.3994 4.4169	66.3293	0.2918	0.0023	0.0004	0.0000	0.0000	
2017-03-16 02:30:00	4.3997	66.3293	0.2918	0.0000	0.0000	0.0000	0.0000	
2017-03-16 02:45:00	4.4264	66.3293	0.2936	0.2424	0.0011	0.0000	0.0000	
2017-03-16 03:00:00	4.5989	66.3293	0.3050	0.3403	0.0016	0.0000	0.0000	
2017-03-16 03:15:00	4.7761	66.3293	0.3168	0.5507	0.0026	0.0000	0.0000	
2017-03-16 03:30:00	4.9556	66.3293	0.3287	0.6241	0.0031	0.0000	0.0000	
2017-03-16 03:45:00	4.8301	66.3293	0.3204	0.6317	0.0031	0.0000	0.0000	
2017-03-16 04:00:00	4.8301	66.3293	0.3204	0.4872	0.0024	0.0000	0.0000	
2017-03-16 04:15:00	4.8301	66.3293	0.3204	0.2902	0.0014	0.0000	0.0000	
2017-03-16 04:30:00	4.9157	66.3293	0.3261	0.4181	0.0021	0.0000	0.0000	
2017-03-16 04:45:00 2017-03-16 05:00:00	5.1133 5.1215	66.3293 66.3293	0.3392 0.3397	0.5238 0.5727	0.0027 0.0029	0.0000 0.0000	0.0000 0.0000	
2017-03-16 05:05:00	5.1215	66.3293	0.3397	0.5663	0.0029	0.0000	0.0000	
2017-03-16 05:30:00	5.1215	66.3293	0.3397	0.5662	0.0029	0.0000	0.0000	
2017-03-16 05:45:00	5.1215	66.3293	0.3397	0.5865	0.0030	0.0000	0.0000	
2017-03-16 06:00:00	5.1215	66.3293	0.3397	0.5871	0.0030	0.0000	0.0000	
2017-03-16 06:15:00	5.1215	66.3293	0.3397	0.4369	0.0022	0.0000	0.0000	
2017-03-16 06:30:00	5.1215	66.3293	0.3397	0.1066	0.0005	0.0000	0.0000	
2017-03-16 06:45:00	5.1215	66.3293	0.3397	0.0542	0.0003	0.0000	0.0000	
2017-03-16 07:00:00	5.1215	66.3293	0.3397	0.0542	0.0003	0.0000	0.0000	
2017-03-16 07:15:00	5.1215	66.3293	0.3397	0.0542	0.0003	0.0000	0.0000	
2017-03-16 07:30:00	5.1215	66.3293	0.3397	0.0542	0.0003	0.0000	0.0000	
2017-03-16 07:45:00 2017-03-16 08:00:00	4.6665 3.8195	66.3293 66.3293	0.3095 0.2533	0.0442 0.0254	0.0002 0.0001	0.0000 0.0000	0.0000 0.0000	
2017-03-16 08:00:00	3.5513	66.3293	0.2533	0.0254	0.0001	0.0000	0.0000	
2017-03-16 08:30:00	2.4817	66.3293	0.1646	0.5585	0.0008	0.0000	0.0000	
2017-03-16 08:45:00	2.1062	66.3293	0.1397	0.7893	0.0017	0.0000	0.0000	
2017-03-16 09:00:00	1.5884	66.3293	0.1054	1.0163	0.0016	0.0000	0.0000	
2017-03-16 09:15:00	2.1580	66.3293	0.1431	1.0292	0.0022	0.0000	0.0000	
2017-03-16 09:30:00	4.2057	66.3293	0.2790	0.8697	0.0037	0.0000	0.0000	
2017-03-16 09:45:00	4.1677	66.3293	0.2764	0.7474	0.0031	0.0000	0.0000	
2017-03-16 10:00:00	4.1254	66.3293	0.2736	0.3743	0.0015	0.0000	0.0000	
2017-03-16 10:15:00	4.0130	66.3293	0.2662	0.2411	0.0010	0.0000	0.0000	
2017-03-16 10:30:00	4.1518	66.3293	0.2754	0.2284	0.0009	0.0000	0.0000	
2017-03-16 10:45:00	3.6616	66.3293	0.2429	0.1244	0.0005	0.0000	0.0000	
2017-03-16 11:00:00	3.4022	66.3293	0.2257	0.0686	0.0002	0.0000	0.0000	
2017-03-16 11:15:00 2017-03-16 11:30:00	3.6894 3.2253	66.3293 66.3293	0.2447 0.2139	0.0542 0.0660	0.0002 0.0002	0.0000 0.0000	0.0000 0.0000	
2017-03-16 11:30:00	3.2253 2.4757	66.3293	0.2139	0.0869	0.0002	0.0000	0.0000	
2017-03-16 12:00:00	3.7769	66.3293	0.2505	0.0019	0.0002	0.0000	0.0000	
2017-03-16 12:15:00	4.0309	66.3293	0.2674	0.0732	0.0003	0.0000	0.0000	
2017-03-16 12:30:00	4.0149	66.3293	0.2663	0.0433	0.0002	0.0000	0.0000	
2017-03-16 12:45:00	4.0498	66.3293	0.2686	0.0433	0.0002	0.0000	0.0000	
2017-03-16 13:00:00	3.1983	66.3293	0.2121	0.0433	0.0001	0.0000	0.0000	
2017-03-16 13:15:00	4.1388	66.3293	0.2745	0.0433	0.0002	0.0000	0.0000	
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		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-03-16 13:30:00	4.3206	66.3293	0.2866	0.2011	0.0009	0.0000	0.0000	
2017-03-16 13:45:00	3.8629	66.3293	0.2562	0.0000	0.0000	0.0000	0.0000	
2017-03-16 14:00:00	3.6166	66.3293	0.2399	0.0240	0.0001	0.0000	0.0000	
2017-03-16 14:15:00 2017-03-16 14:30:00	3.6179 3.2240	66.3293 66.3293	0.2400 0.2138	0.0103 0.0116	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	
2017-03-16 14:45:00	3.8553	66.3293	0.2138	0.0116	0.0000	0.0000	0.0000	
2017-03-16 15:00:00	3.3681	66.3293	0.2234	0.0048	0.0000	0.0000	0.0000	
2017-03-16 15:15:00	2.5278	66.3293	0.1677	0.0388	0.0001	0.0000	0.0000	
2017-03-16 15:30:00	2.3356	66.3293	0.1549	0.3284	0.0008	0.0000	0.0000	
2017-03-16 15:45:00	3.9499	66.3293	0.2620	0.2781	0.0011	0.0000	0.0000	
2017-03-16 16:00:00	3.2392	66.3293	0.2149	0.4555	0.0015	0.0000	0.0000	
2017-03-16 16:15:00	3.8045	66.3293	0.2524	0.4753	0.0018	0.0000	0.0000	
2017-03-16 16:30:00	4.4588	66.3293	0.2958	0.4813	0.0021	0.0000	0.0000	
2017-03-16 16:45:00	4.9061	66.3293	0.3254	0.3709	0.0018	0.0000	0.0000	
2017-03-16 17:00:00	4.9463	66.3293	0.3281	0.4293	0.0021	0.0000	0.0000	
2017-03-16 17:15:00	4.7581	66.3293	0.3156	0.2775	0.0013	0.0000	0.0000	
2017-03-16 17:30:00	4.0735	66.3293	0.2702	0.2765	0.0011	0.0000	0.0000	
2017-03-16 17:45:00	3.6924	66.3293	0.2449	0.2979	0.0011	0.0000	0.0000	
2017-03-16 18:00:00	3.2000	66.3293	0.2123	0.7686	0.0025	0.0000	0.0000	
2017-03-16 18:15:00	2.5158	66.3293	0.1669	1.2222	0.0031	0.0000	0.0000	
2017-03-16 18:30:00	0.6996	66.3293	0.0464	0.2888	0.0002	0.0000	0.0000	
2017-03-16 18:45:00	0.7696	66.3293	0.0510	0.0699	0.0001	0.0000	0.0000	
2017-03-16 19:00:00	1.4141	66.3293	0.0938	0.2479	0.0004	0.0000	0.0000	
2017-03-16 19:15:00	1.5381	66.3293	0.1020	0.3394	0.0005	0.0000	0.0000	
2017-03-16 19:30:00	2.4112	66.3293	0.1599	0.3344	0.0008	0.0000	0.0000	
2017-03-16 19:45:00	2.4948	66.3293	0.1655	0.3148	0.0008	0.0000	0.0000	
2017-03-16 20:00:00	2.6185	66.3293	0.1737	0.3532	0.0009	0.0000	0.0000	
2017-03-16 20:15:00	2.0906	66.3293	0.1387	0.4228	0.0009	0.0000	0.0000	
2017-03-16 20:30:00	1.0478	66.3293	0.0695	0.3856	0.0004	0.0000	0.0000	
2017-03-16 20:45:00	0.5935	66.3293	0.0394	0.6671	0.0004	0.0000	0.0000	
2017-03-16 21:00:00	2.0115	66.3293	0.1334	0.6103	0.0012	0.0000	0.0000	
2017-03-16 21:15:00	2.5200	66.3293	0.1671	0.7938	0.0020	0.0000	0.0000	
2017-03-16 21:30:00	1.7486	66.3293	0.1160	0.8680	0.0015	0.0000	0.0000	
2017-03-16 21:45:00	2.0917	66.3293	0.1387	0.8610	0.0018	0.0000	0.0000	
2017-03-16 22:00:00	1.8994	66.3293	0.1260	0.7905	0.0015	0.0000	0.0000	
2017-03-16 22:15:00	2.6840	66.3293	0.1780	0.7961	0.0021	0.0000	0.0000	
2017-03-16 22:30:00	3.5060	66.3293	0.2326	0.7953	0.0028	0.0000	0.0000	
2017-03-16 22:45:00	3.9592	66.3293	0.2626	0.7870 0.7994	0.0031 0.0033	0.0000 0.0000	0.0000	
2017-03-16 23:00:00 2017-03-16 23:15:00	4.1080 4.0569	66.3293 66.3293	0.2725 0.2691	0.7994	0.0033	0.0000	0.0000	
2017-03-16 23:30:00	3.8347	66.3293	0.2544	0.6313	0.0026	0.0000	0.0000	
2017-03-16 23:45:00	3.5282	66.3293	0.2344	0.7278	0.0024	0.0000	0.0000	
2017-03-10 23:43:00	3.3106	66.3293	0.2196	0.6313	0.0020	0.0000	0.0000	
2017-03-17 00:00:00	3.1294	66.3293	0.2076	0.3245	0.0010	0.0000	0.0000	
2017-03-17 00:13:00	3.2784	66.3293	0.2175	0.2830	0.0010	0.0000	0.0000	
2017-03-17 00:45:00	2.6025	66.3293	0.1726	0.4861	0.0003	0.0000	0.0000	
2017-03-17 01:00:00	2.7520	66.3293	0.1825	0.3882	0.0013	0.0000	0.0000	
2017-03-17 01:15:00	2.0665	66.3293	0.1371	0.0284	0.0001	0.0000	0.0000	
2017-03-17 01:30:00	2.8629	66.3293	0.1899	0.2582	0.0007	0.0000	0.0000	
2017-03-17 01:45:00	2.8511	66.3293	0.1891	0.3267	0.0009	0.0000	0.0000	
2017-03-17 02:00:00	2.0299	66.3293	0.1346	0.1764	0.0004	0.0000	0.0000	
2017-03-17 02:15:00	2.3674	66.3293	0.1570	0.1831	0.0004	0.0000	0.0000	
2017-03-17 02:30:00	2.0861	66.3293	0.1384	0.2424	0.0005	0.0000	0.0000	
2017-03-17 02:45:00	1.4850	66.3293	0.0985	0.1904	0.0003	0.0000	0.0000	
2017-03-17 03:00:00	1.3410	66.3293	0.0889	0.1495	0.0002	0.0000	0.0000	
2017-03-17 03:15:00	1.1395	66.3293	0.0756	0.0444	0.0001	0.0000	0.0000	
2017-03-17 03:30:00	0.5927	66.3293	0.0393	0.0232	0.0000	0.0000	0.0000	
2017-03-17 03:45:00	0.6801	66.3293	0.0451	0.0220	0.0000	0.0000	0.0000	
2017-03-17 04:00:00	1.4224	66.3293	0.0943	0.0431	0.0001	0.0000	0.0000	
2017-03-17 04:15:00	2.2401	66.3293	0.1486	0.1092	0.0002	0.0000	0.0000	
2017-03-17 04:30:00	1.7840	66.3293	0.1183	0.0330	0.0001	0.0000	0.0000	
2017-03-17 04:45:00	0.4325	66.3293	0.0287	0.0123	0.0000	0.0000	0.0000	
2017-03-17 05:00:00	3.0970	66.3293	0.2054	0.7509	0.0023	0.0000	0.0000	
2017-03-17 05:15:00	1.6567	66.3293	0.1099	1.0412	0.0017	0.0000	0.0000	
2017-03-17 05:30:00	0.8208	66.3293	0.0544	0.7013	0.0006	0.0000	0.0000	
2017-03-17 05:45:00	1.0416	66.3293	0.0691	0.8826	0.0009	0.0000	0.0000	
2017-03-17 06:00:00	1.2646	66.3293	0.0839	0.8217	0.0010	0.0000	0.0000	
2017-03-17 06:15:00	2.2355	66.3293	0.1483	1.1219	0.0025	0.0000	0.0000	
2017-03-17 06:30:00	2.2565	66.3293	0.1497	0.9118	0.0021	0.0000	0.0000	
2017-03-17 06:45:00	2.1591	66.3293	0.1432	0.8595	0.0019	0.0000	0.0000	
2017-03-17 07:00:00	2.3628	66.3293	0.1567	0.7519	0.0018	0.0000	0.0000	
2017-03-17 07:15:00	2.3909	66.3293	0.1586	0.7259	0.0017	0.0000	0.0000	
2017-03-17 07:30:00	3.4004	66.3293	0.2255	0.7632	0.0026	0.0000	0.0000	
				0.5674				
2017-03-17 07:45:00 2017-03-17 08:00:00	4.3477 2.6221	66.3293 66.3293	0.2884 0.1739	0.5674 0.2711	0.0025 0.0007	0.0000 0.0000	0.0000 0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-17 08:15:00	2.9242	66.3293	0.1940	0.1971	0.0006	0.0000	0.0000
2017-03-17 08:30:00	0.9053	66.3293	0.0600	0.0499	0.0000	0.0000	0.0000
2017-03-17 08:45:00	0.1538	66.3293	0.0102	0.0044	0.0000	0.0000	0.0000
2017-03-17 09:00:00	0.8848	66.3293	0.0587	0.0185	0.0000	0.0000	0.0000
2017-03-17 09:15:00	5.3109	62.6777	0.3329	0.1092	0.0006	0.0000	0.0000
2017-03-17 09:30:00	5.2070	33.4652	0.1743	0.1657	0.0009	0.0000	0.0000
2017-03-17 09:45:00	5.2070	33.4652	0.1743	0.1274 0.0027	0.0007	0.0000	0.0000
2017-03-17 10:00:00 2017-03-17 10:15:00	4.8995 4.6620	33.4652 33.4652	0.1640 0.1560	0.0027	0.0000 0.0001	0.0000 0.0000	0.0000
2017-03-17 10:15:00	4.5601	33.4652	0.1526	0.0116	0.0001	0.0000	0.0000
2017-03-17 10:35:00	4.3117	33.4652	0.1320	0.0407	0.0001	0.0000	0.0000
2017-03-17 10:43:00	2.8069	33.4652	0.0939	0.0755	0.0002	0.0000	0.0000
2017-03-17 11:05:00	2.9931	33.4652	0.1002	0.2705	0.0002	0.0000	0.0000
2017-03-17 11:30:00	2.8600	33.4652	0.0957	0.2140	0.0006	0.0000	0.0000
2017-03-17 11:45:00	2.5851	33.4652	0.0865	0.0837	0.0002	0.0000	0.0000
2017-03-17 12:00:00	4.3440	33.4652	0.1454	0.1576	0.0007	0.0000	0.0000
2017-03-17 12:15:00	4.1628	33.4652	0.1393	0.2094	0.0009	0.0000	0.0000
2017-03-17 12:30:00	4.0423	33.4652	0.1353	0.4845	0.0020	0.0000	0.0000
2017-03-17 12:45:00	3.9057	33.4652	0.1307	0.5840	0.0023	0.0000	0.0000
2017-03-17 13:00:00	3.8780	33.4652	0.1298	0.6523	0.0025	0.0000	0.0000
2017-03-17 13:15:00	4.0367	33.4652	0.1351	0.8003	0.0032	0.0000	0.0000
2017-03-17 13:30:00	4.6970	33.4652	0.1572	0.9310	0.0044	0.0000	0.0000
2017-03-17 13:45:00	4.8278	33.4652	0.1616	0.7682	0.0037	0.0000	0.0000
2017-03-17 14:00:00	4.5708	33.4652	0.1530	0.1177	0.0005	0.0000	0.0000
2017-03-17 14:15:00	4.4658	33.4652	0.1494	0.0282	0.0001	0.0000	0.0000
2017-03-17 14:30:00	4.5747	33.4652	0.1531	0.0282	0.0001	0.0000	0.0000
2017-03-17 14:45:00	4.4271	33.4652	0.1482	0.0282	0.0001	0.0000	0.0000
2017-03-17 15:00:00	4.2624	33.4652	0.1426	0.0282	0.0001	0.0000	0.0000
2017-03-17 15:15:00	4.4565	33.4652	0.1491	0.0282	0.0001	0.0000	0.0000
2017-03-17 15:30:00	3.5535	33.4652	0.1189	0.0282	0.0001	0.0000	0.0000
2017-03-17 15:45:00	2.0663	33.4652	0.0692	0.0282	0.0001	0.0000	0.0000
2017-03-17 16:00:00	1.6101	33.4652	0.0539	0.0282	0.0000	0.0000	0.0000
2017-03-17 16:15:00	1.5948	33.4652	0.0534	0.0367	0.0001	0.0000	0.0000
2017-03-17 16:30:00	2.5825	33.4652	0.0864	0.0021	0.0000	0.0000	0.0000
2017-03-17 16:45:00	1.6740	33.4652	0.0560	0.0007	0.0000	0.0000	0.0000
2017-03-17 17:00:00	2.3632	33.4652	0.0791	0.0007	0.0000	0.0000	0.0000
2017-03-17 17:15:00	1.8694	33.4652	0.0626	0.0007	0.0000	0.0000	0.0000
2017-03-17 17:30:00	2.4450	33.4652	0.0818	0.0007	0.0000	0.0000	0.0000
2017-03-17 17:45:00	3.1538	33.4652	0.1055	0.0007	0.0000	0.0000	0.0000
2017-03-17 18:00:00	2.9999	33.4652	0.1004	0.0007	0.0000	0.0000	0.0000
2017-03-17 18:15:00	3.1262	33.4652	0.1046	0.0007	0.0000	0.0000	0.0000
2017-03-17 18:30:00	2.7393	33.4652	0.0917	0.0007	0.0000	0.0000	0.0000
2017-03-17 18:45:00	3.7838	33.4652	0.1266	0.2017	0.0008	0.0000	0.0000
2017-03-17 19:00:00	4.0558	33.4652	0.1357	0.2656	0.0011	0.0000	0.0000
2017-03-17 19:15:00	2.9261	33.4652	0.0979	0.5371	0.0016	0.0000	0.0000
2017-03-17 19:30:00	4.1660	33.4652	0.1394	0.4165	0.0017	0.0000	0.0000
2017-03-17 19:45:00	3.6567	33.4652	0.1224	0.0517	0.0002	0.0000	0.0000
2017-03-17 20:00:00	1.6203	33.4652	0.0542	0.0481	0.0001	0.0000	0.0000
2017-03-17 20:15:00	1.9801	33.4652	0.0663	0.1378	0.0003	0.0000	0.0000
2017-03-17 20:30:00	2.7215	33.4652	0.0911	0.0714	0.0002	0.0000	0.0000
2017-03-17 20:45:00	0.7865	33.4652	0.0263	0.0000	0.0000	0.0000	0.0000
2017-03-17 21:00:00	0.8163	33.4652	0.0273	0.0154	0.0000	0.0000	0.0000
2017-03-17 21:15:00	1.1701	33.4652	0.0392	0.0266	0.0000	0.0000	0.0000
2017-03-17 21:30:00	2.0500	33.4652	0.0686	0.2192	0.0004	0.0000	0.0000
2017-03-17 21:45:00	1.0760	33.4652	0.0360	0.3373	0.0004	0.0000	0.0000
2017-03-17 22:00:00	1.0107	33.4652	0.0338	0.2023	0.0002	0.0000	0.0000
2017-03-17 22:15:00	0.6723	33.4652	0.0225	0.0800	0.0001	0.0000	0.0000
2017-03-17 22:30:00	0.2854	33.4652	0.0096	0.2105	0.0001	0.0000	0.0000
2017-03-17 22:45:00	1.3222	33.4652	0.0442	0.5226	0.0007	0.0000	0.0000
2017-03-17 23:00:00	1.4656	33.4652	0.0490	0.4474	0.0007	0.0000	0.0000
2017-03-17 23:15:00	2.5823	33.4652	0.0864	0.5650	0.0015	0.0000	0.0000
2017-03-17 23:30:00	0.1217	33.4652	0.0041	0.0650	0.0000	0.0000	0.0000
2017-03-17 23:45:00	2.1662	33.4652	0.0725	0.2983	0.0006	0.0000	0.0000
2017-03-18 00:00:00	0.5056	33.4652	0.0169	0.3355	0.0002	0.0000	0.0000
2017-03-18 00:15:00	2.1398	33.4652	0.0716	0.6573	0.0014	0.0000	0.0000
2017-03-18 00:30:00	1.7643	33.4652	0.0590	0.4838	0.0009	0.0000	0.0000
2017-03-18 00:45:00	0.3227	33.4652	0.0108	0.0094	0.0000	0.0000	0.0000
2017-03-18 01:00:00	0.3820	33.4652	0.0128	0.0662	0.0000	0.0000	0.0000
2017-03-18 01:15:00	0.3363	33.4652	0.0113	0.0647	0.0000	0.0000	0.0000
2017-03-18 01:30:00	1.3645	33.4652	0.0457	0.4031	0.0006	0.0000	0.0000
2017-03-18 01:45:00	3.8903	33.4652	0.1302	0.4987	0.0019	0.0000	0.0000
2017-03-18 02:00:00	3.4370	33.4652	0.1150	0.3983	0.0014	0.0000	0.0000
2017-03-18 02:15:00	2.9048	33.4652	0.0972	0.1923	0.0006	0.0000	0.0000
2017-03-18 02:30:00	1.8534	33.4652	0.0620	0.0926	0.0002	0.0000	0.0000
2017-03-18 02:45:00	1.7099	33.4652	0.0572	0.2324	0.0004	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-18 03:00:00	2.0301	33.4652	0.0679	0.2166	0.0004	0.0000	0.0000
2017-03-18 03:15:00	2.3734	33.4652	0.0794	0.0689	0.0002	0.0000	0.0000
2017-03-18 03:30:00 2017-03-18 03:45:00	2.4246	33.4652	0.0811	0.0130	0.0000	0.0000	0.0000
	3.4518	33.4652	0.1155	0.0130 0.0130	0.0000 0.0000	0.0000 0.0000	0.0000
2017-03-18 04:00:00 2017-03-18 04:15:00	3.8275 2.1466	33.4652 33.4652	0.1281 0.0718	0.0130	0.0000	0.0000	0.0000
2017-03-18 04:15:00	2.1466	33.4652	0.0718	0.0130	0.0000	0.0000	0.0000
2017-03-18 04:45:00	3.0005	33.4652	0.1004	0.0130	0.0000	0.0000	0.0000
2017-03-18 04:43:00	2.1722	33.4652	0.0727	0.0130	0.0000	0.0000	0.0000
2017-03-18 05:15:00	3.4761	33.4652	0.1163	0.0130	0.0000	0.0000	0.0000
2017-03-18 05:30:00	3.8848	33.4652	0.1300	0.0130	0.0001	0.0000	0.0000
2017-03-18 05:45:00	4.5015	33.4652	0.1506	0.0130	0.0001	0.0000	0.0000
2017-03-18 06:00:00	4.7014	33.4652	0.1573	0.0130	0.0001	0.0000	0.0000
2017-03-18 06:15:00	4.0927	33.4652	0.1370	0.0130	0.0001	0.0000	0.0000
2017-03-18 06:30:00	2.5456	33.4652	0.0852	0.0130	0.0000	0.0000	0.0000
2017-03-18 06:45:00	4.1807	33.4652	0.1399	0.0130	0.0001	0.0000	0.0000
2017-03-18 07:00:00	4.4307	33.4652	0.1483	0.0152	0.0001	0.0000	0.0000
2017-03-18 07:15:00	4.2244	33.4652	0.1414	0.0111	0.0000	0.0000	0.0000
2017-03-18 07:30:00	4.7008	33.4652	0.1573	0.0588	0.0003	0.0000	0.0000
2017-03-18 07:45:00	3.4845	33.4652	0.1166	0.1239	0.0004	0.0000	0.0000
2017-03-18 08:00:00	1.3212	33.4652	0.0442	0.3324	0.0004	0.0000	0.0000
2017-03-18 08:15:00	1.9863	33.4652	0.0665	0.2562	0.0005	0.0000	0.0000
2017-03-18 08:30:00	1.1997	33.4652	0.0401	0.2256	0.0003	0.0000	0.0000
2017-03-18 08:45:00	1.4327	33.4652	0.0479	0.0411	0.0001	0.0000	0.0000
2017-03-18 09:00:00	0.8947	33.4652	0.0299	0.0247	0.0000	0.0000	0.0000
2017-03-18 09:15:00	3.4238	33.4652	0.1146	0.0271	0.0001	0.0000	0.0000
2017-03-18 09:30:00	4.4147	33.4652	0.1477	0.2291	0.0010	0.0000	0.0000
2017-03-18 09:45:00	3.2340	33.4652	0.1082	0.1775	0.0006	0.0000	0.0000
2017-03-18 10:00:00	3.9060	33.4652	0.1307	0.0021	0.0000	0.0000	0.0000
2017-03-18 10:15:00	4.4800	33.4652	0.1499	0.0069	0.0000	0.0000	0.0000
2017-03-18 10:30:00	4.3515	33.4652	0.1456	0.0968	0.0004	0.0000	0.0000
2017-03-18 10:45:00	4.1957	33.4652	0.1404	0.3813 0.6885	0.0016	0.0000 0.0000	0.0000
2017-03-18 11:00:00 2017-03-18 11:15:00	4.3906	33.4652 33.4652	0.1469 0.1515	0.6885	0.0030 0.0037	0.0000	0.0000
2017-03-18 11:15:00	4.5257 4.6160	33.4652	0.1515	0.8175	0.0037	0.0000	0.0000
2017-03-18 11:30:00	4.7410	33.4652	0.1545	0.5169	0.0027	0.0000	0.0000
2017-03-18 11:43:00	4.3946	33.4652	0.1387	0.4047	0.0023	0.0000	0.0000
2017-03-18 12:05:00	4.4316	33.4652	0.1471	0.0149	0.0018	0.0000	0.0000
2017-03-18 12:13:00	4.7245	33.4652	0.1581	0.0082	0.0000	0.0000	0.0000
2017-03-18 12:45:00	5.0136	33.4652	0.1678	0.0082	0.0000	0.0000	0.0000
2017-03-18 13:00:00	4.6623	33.4652	0.1560	0.1743	0.0008	0.0000	0.0000
2017-03-18 13:15:00	4.4210	33.4652	0.1480	0.6327	0.0028	0.0000	0.0000
2017-03-18 13:30:00	4.3473	33.4652	0.1455	0.4484	0.0019	0.0000	0.0000
2017-03-18 13:45:00	4.2208	33.4652	0.1412	0.3323	0.0014	0.0000	0.0000
2017-03-18 14:00:00	3.0365	33.4652	0.1016	0.7555	0.0023	0.0000	0.0000
2017-03-18 14:15:00	2.4629	33.4652	0.0824	0.8294	0.0020	0.0000	0.0000
2017-03-18 14:30:00	2.2940	33.4652	0.0768	0.9054	0.0021	0.0000	0.0000
2017-03-18 14:45:00	2.9126	33.4652	0.0975	1.0664	0.0031	0.0000	0.0000
2017-03-18 15:00:00	2.4402	33.4652	0.0817	0.9898	0.0024	0.0000	0.0000
2017-03-18 15:15:00	2.7182	33.4652	0.0910	1.0561	0.0029	0.0000	0.0000
2017-03-18 15:30:00	1.8713	33.4652	0.0626	0.9138	0.0017	0.0000	0.0000
2017-03-18 15:45:00	2.4255	33.4652	0.0812	0.9300	0.0023	0.0000	0.0000
2017-03-18 16:00:00	2.4799	33.4652	0.0830	0.9252	0.0023	0.0000	0.0000
2017-03-18 16:15:00	3.5037	33.4652	0.1173	0.5238	0.0018	0.0000	0.0000
2017-03-18 16:30:00	4.1877	33.4652	0.1401	0.3579	0.0015	0.0000	0.0000
2017-03-18 16:45:00	3.2528	33.4652	0.1089	0.2486	0.0008	0.0000	0.0000
2017-03-18 17:00:00	2.4565	33.4652	0.0822	0.1816	0.0004	0.0000	0.0000
2017-03-18 17:15:00	1.1633	33.4652	0.0389	0.4454	0.0005	0.0000	0.0000
2017-03-18 17:30:00	1.5597	33.4652	0.0522	0.4859	0.0008	0.0000	0.0000
2017-03-18 17:45:00	0.4374	33.4652	0.0146	0.3972	0.0002	0.0000	0.0000
2017-03-18 18:00:00	0.8484	33.4652	0.0284	0.5959	0.0005	0.0000	0.0000
2017-03-18 18:15:00	0.5866	33.4652	0.0196	0.3614	0.0002	0.0000	0.0000
2017-03-18 18:30:00	0.3445	33.4652	0.0115	0.4955	0.0002	0.0000	0.0000
2017-03-18 18:45:00 2017-03-18 19:00:00	0.6935 0.3823	33.4652 33.4652	0.0232 0.0128	0.4054 0.4157	0.0003 0.0002	0.0000 0.0000	0.0000
2017-03-18 19:00:00	0.3823	33.4652	0.0128	0.4157	0.0002	0.0000	0.0000
2017-03-18 19:15:00	0.2397	33.4652	0.0171	0.3358	0.0002	0.0000	0.0000
2017-03-18 19:35:00	0.2397	33.4652	0.0080	0.5459	0.0001	0.0000	0.0000
2017-03-18 19:45:00	0.9510	33.4652	0.0327	0.5102	0.0005	0.0000	0.0000
2017-03-18 20:05:00	1.2202	33.4652	0.0408	0.6927	0.0008	0.0000	0.0000
2017-03-18 20:30:00	2.5730	33.4652	0.0468	0.7334	0.0019	0.0000	0.0000
	2.5,50	1 3332					
	2.9291	33.4652	0.0980	0.7872	0.0023	0.0000	0.0000
2017-03-18 20:30:00 2017-03-18 20:45:00 2017-03-18 21:00:00	2.9291 2.7651	33.4652 33.4652	0.0980 0.0925	0.7872 0.6947	0.0023 0.0019	0.0000 0.0000	0.0000
2017-03-18 20:45:00							

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-18 21:45:00	1.5117	33.4652	0.0506	0.3867	0.0006	0.0000	0.0000
2017-03-18 22:00:00	1.7134	33.4652	0.0573	0.7040	0.0012	0.0000	0.0000
2017-03-18 22:15:00	1.5171	33.4652	0.0508	0.6510	0.0010	0.0000	0.0000
2017-03-18 22:30:00	0.3377	33.4652	0.0113	0.1498	0.0001	0.0000	0.0000
2017-03-18 22:45:00	0.0000	33.4652	0.0000	0.1197	0.0000	0.0000	0.0000
2017-03-18 23:00:00	0.0000	33.4652	0.0000	0.0783	0.0000	0.0000	0.0000
2017-03-18 23:15:00	0.0000	33.4652	0.0000	0.0537	0.0000	0.0000	0.0000
2017-03-18 23:30:00	0.2859	33.4652	0.0096	0.1767	0.0001	0.0000	0.0000
2017-03-18 23:45:00	0.5052	33.4652	0.0169	0.1181	0.0001	0.0000	0.0000
2017-03-19 00:00:00	1.5242	33.4652	0.0510	0.1394	0.0002	0.0000	0.0000
2017-03-19 00:15:00	2.4277	33.4652	0.0812	0.1265	0.0003	0.0000	0.0000
2017-03-19 00:30:00	4.4543	33.4652	0.1491	0.0439	0.0002	0.0000	0.0000
2017-03-19 00:45:00	4.5878	33.4652	0.1535	0.0439	0.0002	0.0000	0.0000
2017-03-19 01:00:00	4.5891	33.4652	0.1536	0.0518	0.0002	0.0000	0.0000
2017-03-19 01:15:00	4.6563	33.4652	0.1558	0.1790	0.0008	0.0000	0.0000
2017-03-19 01:30:00	4.6163	33.4652	0.1545	0.1919	0.0009	0.0000	0.0000
2017-03-19 01:45:00	4.5753	33.4652	0.1531	0.3561	0.0016	0.0000	0.0000
2017-03-19 02:00:00	4.4816	33.4652	0.1500	0.4548	0.0020	0.0000	0.0000
2017-03-19 02:15:00	3.7740	33.4652	0.1263	0.6044	0.0023	0.0000	0.0000
2017-03-19 02:30:00	3.4623	33.4652	0.1159	0.6611	0.0023	0.0000	0.0000
2017-03-19 02:45:00	4.8243	33.4652	0.1614	0.0357	0.0002	0.0000	0.0000
2017-03-19 03:00:00	4.6843	33.4652	0.1568	0.0357	0.0002 0.0002	0.0000 0.0000	0.0000
2017-03-19 03:15:00 2017-03-19 03:30:00	4.4087 4.2539	33.4652 33.4652	0.1475 0.1424	0.0454 0.0371	0.0002	0.0000	0.0000
2017-03-19 03:30:00 2017-03-19 03:45:00	4.2539 0.7943	33.4652 33.4652	0.1424	0.0371	0.0002	0.0000	0.0000
2017-03-19 03:45:00 2017-03-19 04:00:00	0.7943 2.8603	33.4652 33.4652	0.0266	0.0656	0.0001	0.0000	0.0000
2017-03-19 04:05:00	0.2036	33.4652	0.0957	0.1387	0.0003	0.0000	0.0000
2017-03-19 04:15:00	0.0000	33.4652	0.0000	0.3106	0.0001	0.0000	0.0000
2017-03-19 04:45:00	0.0000	33.4652	0.0000	0.3473	0.0000	0.0000	0.0000
2017-03-19 05:00:00	0.0000	33.4652	0.0000	0.2933	0.0000	0.0000	0.0000
2017-03-19 05:15:00	0.0000	33.4652	0.0000	0.3637	0.0000	0.0000	0.0000
2017-03-19 05:30:00	0.0000	33.4652	0.0000	0.4028	0.0000	0.0000	0.0000
2017-03-19 05:45:00	0.0000	33.4652	0.0000	0.4259	0.0000	0.0000	0.0000
2017-03-19 06:00:00	0.0000	33.4652	0.0000	0.4003	0.0000	0.0000	0.0000
2017-03-19 06:15:00	0.1032	33.4652	0.0035	0.3243	0.0000	0.0000	0.0000
2017-03-19 06:30:00	0.0000	33.4652	0.0000	0.3921	0.0000	0.0000	0.0000
2017-03-19 06:45:00	0.1627	33.4652	0.0054	0.3921	0.0001	0.0000	0.0000
2017-03-19 07:00:00	1.1001	33.4652	0.0368	0.2279	0.0003	0.0000	0.0000
2017-03-19 07:15:00	0.2282	33.4652	0.0076	0.0782	0.0000	0.0000	0.0000
2017-03-19 07:30:00	3.6326	33.4652	0.1216	0.2139	0.0008	0.0000	0.0000
2017-03-19 07:45:00	2.9821	33.4652	0.0998	0.2811	0.0008	0.0000	0.0000
2017-03-19 08:00:00	1.2641	33.4652	0.0423	0.0378	0.0000	0.0000	0.0000
2017-03-19 08:15:00	0.3480	33.4652	0.0116	0.0378	0.0000	0.0000	0.0000
2017-03-19 08:30:00	0.6289	33.4652	0.0210	0.0378	0.0000	0.0000	0.0000
2017-03-19 08:45:00	0.0952	33.4652	0.0032	0.0378	0.0000	0.0000	0.0000
2017-03-19 09:00:00	0.1848	33.4652	0.0062	0.0378	0.0000	0.0000	0.0000
2017-03-19 09:15:00	3.6061	33.4652	0.1207	0.0378	0.0001	0.0000	0.0000
2017-03-19 09:30:00	4.2474	33.4652	0.1421	0.0378	0.0002	0.0000	0.0000
2017-03-19 09:45:00	4.3098	33.4652	0.1442	0.0378	0.0002	0.0000	0.0000
2017-03-19 10:00:00	4.1752	33.4652	0.1397	0.0378	0.0002	0.0000	0.0000
2017-03-19 10:15:00	3.9573	33.4652	0.1324	0.0378	0.0001	0.0000	0.0000
2017-03-19 10:30:00	2.9131	33.4652	0.0975	0.0379	0.0001	0.0000	0.0000
2017-03-19 10:45:00	0.1673	33.4652	0.0056	0.0339	0.0000	0.0000	0.0000
2017-03-19 11:00:00	0.1536	33.4652	0.0051	0.0399	0.0000	0.0000	0.0000
2017-03-19 11:15:00	0.0764	33.4652	0.0026	0.0385	0.0000	0.0000	0.0000
2017-03-19 11:30:00	0.0969	33.4652	0.0032	0.0424	0.0000	0.0000	0.0000
2017-03-19 11:45:00	0.0228	33.4652	0.0008	0.0422	0.0000	0.0000	0.0000
2017-03-19 12:00:00	0.1190	33.4652	0.0040	0.0363	0.0000	0.0000	0.0000
2017-03-19 12:15:00	1.2118	33.4652	0.0406	0.0844	0.0001	0.0000	0.0000
2017-03-19 12:30:00	0.6766	33.4652	0.0226	0.1596	0.0001	0.0000	0.0000
2017-03-19 12:45:00	0.9522	33.4652	0.0319	0.1453	0.0001	0.0000	0.0000
2017-03-19 13:00:00	0.3572	33.4652	0.0120	0.1882	0.0001	0.0000	0.0000
2017-03-19 13:15:00	1.1174	33.4652	0.0374	0.1079	0.0001	0.0000	0.0000
2017-03-19 13:30:00	2.8578	33.4652	0.0956	0.0707	0.0002	0.0000	0.0000
2017-03-19 13:45:00	1.1430	33.4652	0.0383	0.0703	0.0001	0.0000	0.0000
2017-03-19 14:00:00	0.9434	33.4652	0.0316	0.0426	0.0000	0.0000	0.0000
2017-03-19 14:15:00	1.3092	33.4652	0.0438	0.0561	0.0001	0.0000	0.0000
2017-03-19 14:30:00	2.1870	33.4652	0.0732	0.0536	0.0001	0.0000	0.0000
2017-03-19 14:45:00	1.4108	33.4652	0.0472	0.0536	0.0001	0.0000	0.0000
2017-03-19 15:00:00	2.6015	33.4652	0.0871	0.0536	0.0001	0.0000	0.0000
2017-03-19 15:15:00	3.6205	33.4652	0.1212	0.0536	0.0002	0.0000	0.0000
•	3.4156	33.4652	0.1143	0.0536	0.0002	0.0000	0.0000
2017-03-19 15:30:00	3.4130	55.1652					
2017-03-19 15:30:00 2017-03-19 15:45:00	2.9139	33.4652	0.0975	0.0536	0.0002	0.0000	0.0000
			0.0975 0.0734	0.0536 0.0701	0.0002 0.0002	0.0000 0.0000	0.0000 0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-19 16:30:00	2.1520	33.4652	0.0720	0.2217	0.0005	0.0000	0.0000
2017-03-19 16:45:00	1.5114	33.4652	0.0506	0.3490	0.0005	0.0000	0.0000
2017-03-19 17:00:00	1.7144	33.4652	0.0574	0.4797	0.0008	0.0000	0.0000
2017-03-19 17:15:00	1.9661	33.4652	0.0658	0.5389	0.0011	0.0000	0.0000
2017-03-19 17:30:00	3.5190	33.4652	0.1178	0.9642	0.0034	0.0000	0.0000
2017-03-19 17:45:00	2.8956	33.4652	0.0969	0.9609	0.0028	0.0000	0.0000
2017-03-19 18:00:00	1.0983	33.4652	0.0368	1.3990	0.0015	0.0000	0.0000
2017-03-19 18:15:00	0.5624	33.4652	0.0188	1.2213	0.0007	0.0000	0.0000
2017-03-19 18:30:00	0.8531	33.4652	0.0285	1.2655	0.0011	0.0000	0.0000
2017-03-19 18:45:00	1.0689	33.4652	0.0358	1.1378	0.0012	0.0000	0.0000
2017-03-19 19:00:00	1.7656	33.4652	0.0591	0.8661	0.0015	0.0000	0.0000
2017-03-19 19:15:00	0.3511	33.4652	0.0117	0.6825	0.0002	0.0000	0.0000
2017-03-19 19:30:00	0.0401	33.4652	0.0013	0.0381	0.0000	0.0000	0.0000
2017-03-19 19:45:00	0.0000	33.4652	0.0000	0.1916	0.0000	0.0000	0.0000
2017-03-19 20:00:00	0.0394	33.4652	0.0013	0.7332	0.0000	0.0000	0.0000
2017-03-19 20:15:00	0.0365	33.4652	0.0012	0.9632	0.0000	0.0000	0.0000
2017-03-19 20:30:00	0.8610	33.4652	0.0288	1.1839	0.0010	0.0000	0.0000
2017-03-19 20:45:00	1.2407	33.4652	0.0415	1.3612	0.0017	0.0000	0.0000
2017-03-19 21:00:00	3.5021	33.4652	0.1172	1.3815	0.0048	0.0000	0.0000
2017-03-19 21:15:00	4.3637	33.4652	0.1460	1.4256	0.0062	0.0000	0.0000
2017-03-19 21:30:00	4.3020	33.4652	0.1440	1.3953	0.0060	0.0000	0.0000
2017-03-19 21:45:00	4.2004	33.4652	0.1406	1.4297	0.0060	0.0000 0.0000	0.0000
2017-03-19 22:00:00 2017-03-19 22:15:00	4.4211 4.7021	33.4652 33.4652	0.1480 0.1574	1.4162 1.4929	0.0063 0.0070	0.0000	0.0000
2017-03-19 22:15:00 2017-03-19 22:30:00	4.7021 4.5338	33.4652 33.4652	0.1574 0.1517	1.4929 1.4746	0.0070 0.0067	0.0000	0.0000
2017-03-19 22:45:00	4.5338	33.4652	0.1517	1.4746	0.0067	0.0000	0.0000
2017-03-19 22:45:00	4.5338	33.4652	0.1517	1.4827	0.0067	0.0000	0.0000
2017-03-19 23:00:00	4.5338	33.4652	0.1517	1.2893	0.0058	0.0000	0.0000
2017-03-19 23:13:00	4.5338	33.4652	0.1517	1.5276	0.0069	0.0000	0.0000
2017-03-19 23:45:00	4.5338	33.4652	0.1517	1.5651	0.0009	0.0000	0.0000
2017-03-19 23:43:00	4.5092	33.4652	0.1517	1.3077	0.0071	0.0000	0.0000
2017-03-20 00:00:00	4.4778	33.4652	0.1499	1.0300	0.0046	0.0000	0.0000
2017-03-20 00:13:00	4.4778	33.4652	0.1499	0.4072	0.0048	0.0000	0.0000
2017-03-20 00:35:00	4.4778	33.4652	0.1499	0.3488	0.0016	0.0000	0.0000
2017-03-20 01:00:00	4.4778	33.4652	0.1499	0.7531	0.0034	0.0000	0.0000
2017-03-20 01:15:00	4.6697	33.4652	0.1563	1.1202	0.0052	0.0000	0.0000
2017-03-20 01:30:00	4.9334	33.4652	0.1651	1.0651	0.0053	0.0000	0.0000
2017-03-20 01:45:00	4.8200	33.4652	0.1613	1.1424	0.0055	0.0000	0.0000
2017-03-20 02:00:00	4.6906	33.4652	0.1570	1.0084	0.0047	0.0000	0.0000
2017-03-20 02:15:00	4.5060	33.4652	0.1508	0.0703	0.0003	0.0000	0.0000
2017-03-20 02:30:00	4.6268	33.4652	0.1548	0.6148	0.0028	0.0000	0.0000
2017-03-20 02:45:00	4.8637	33.4652	0.1628	0.5979	0.0029	0.0000	0.0000
2017-03-20 03:00:00	4.7531	33.4652	0.1591	0.4746	0.0023	0.0000	0.0000
2017-03-20 03:15:00	4.6136	33.4652	0.1544	0.4685	0.0022	0.0000	0.0000
2017-03-20 03:30:00	4.7329	33.4652	0.1584	0.6366	0.0030	0.0000	0.0000
2017-03-20 03:45:00	4.6241	33.4652	0.1547	0.7329	0.0034	0.0000	0.0000
2017-03-20 04:00:00	4.7111	33.4652	0.1577	0.4810	0.0023	0.0000	0.0000
2017-03-20 04:15:00	4.7111	33.4652	0.1577	0.2857	0.0013	0.0000	0.0000
2017-03-20 04:30:00	4.7111	33.4652	0.1577	0.0287	0.0001	0.0000	0.0000
2017-03-20 04:45:00	4.7111	33.4652	0.1577	0.0960	0.0005	0.0000	0.0000
2017-03-20 05:00:00	4.7111	33.4652	0.1577	0.0788	0.0004	0.0000	0.0000
2017-03-20 05:15:00	4.7111	33.4652	0.1577	0.0089	0.0000	0.0000	0.0000
2017-03-20 05:30:00	4.7111	33.4652	0.1577	0.2651	0.0012	0.0000	0.0000
2017-03-20 05:45:00	5.0915	33.4652	0.1704	0.0708	0.0004	0.0000	0.0000
2017-03-20 06:00:00	5.2191	33.4652	0.1747	0.0776	0.0004	0.0000	0.0000
2017-03-20 06:15:00	5.2191	33.4652	0.1747	0.0940	0.0005	0.0000	0.0000
2017-03-20 06:30:00	5.2191	33.4652	0.1747	0.0415	0.0002	0.0000	0.0000
2017-03-20 06:45:00	5.2191	33.4652	0.1747	0.0213	0.0001	0.0000	0.0000
2017-03-20 07:00:00	5.0168	33.4652	0.1679	0.0213	0.0001	0.0000	0.0000
2017-03-20 07:15:00	4.7511	33.4652	0.1590	0.0213	0.0001	0.0000	0.0000
2017-03-20 07:30:00	4.7511	33.4652	0.1590	0.0213	0.0001	0.0000	0.0000
2017-03-20 07:45:00	4.8193	33.4652	0.1613	0.2388	0.0012	0.0000	0.0000
2017-03-20 08:00:00	4.8039	33.4652	0.1608	0.1586	0.0008	0.0000	0.0000
2017-03-20 08:15:00	4.8039	33.4652	0.1608	0.1767	0.0008	0.0000	0.0000
2017-03-20 08:30:00	4.8039	33.4652	0.1608	0.0579	0.0003	0.0000	0.0000
2017-03-20 08:45:00	4.8039	33.4652	0.1608	0.0096	0.0000	0.0000	0.0000
2017-03-20 09:00:00	5.1672	33.4652	0.1729	0.0096	0.0000	0.0000	0.0000
2017-03-20 09:15:00	5.1387	33.4652	0.1720	0.0096	0.0000	0.0000	0.0000
2017-03-20 09:30:00	4.9159	33.4652	0.1645	0.3390	0.0017	0.0000	0.0000
2017-03-20 09:45:00	4.9589	33.4652	0.1660	0.1448	0.0007	0.0000	0.0000
2017-03-20 10:00:00	4.9589	33.4652	0.1660	0.0062	0.0000	0.0000	0.0000
2017-03-20 10:15:00	4.8959	33.4652	0.1638	0.0062	0.0000	0.0000	0.0000
2017-03-20 10:30:00	4.9709	33.4652	0.1664	0.0064	0.0000	0.0000	0.0000
2017-03-20 10.30.00							
2017-03-20 10:30:00	4.6566	33.4652	0.1558	0.3286	0.0015	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-20 11:15:00	4.4675	33.4652	0.1495	0.0240	0.0001	0.0000	0.0000
2017-03-20 11:30:00	4.3846	33.4652	0.1467	0.1891	0.0008	0.0000	0.0000
2017-03-20 11:45:00	4.2163	33.4652	0.1411	0.1644	0.0007	0.0000	0.0000
2017-03-20 12:00:00	3.7236	33.4652	0.1246	0.2735	0.0010	0.0000	0.0000
2017-03-20 12:15:00	4.0343	33.4652	0.1350	0.0760	0.0003	0.0000	0.0000
2017-03-20 12:30:00	4.5512	33.4652	0.1523	0.9190	0.0042	0.0000	0.0000
2017-03-20 12:45:00	4.7819	33.4652	0.1600	1.4192	0.0068	0.0000	0.0000
2017-03-20 13:00:00	4.6262	33.4652	0.1548	1.2204	0.0056	0.0000	0.0000
2017-03-20 13:15:00	4.2965	33.4652	0.1438	1.7756	0.0076	0.0000	0.0000
2017-03-20 13:30:00	4.2998	33.4652	0.1439	2.1248	0.0091	0.0000	0.0000
2017-03-20 13:45:00	4.1177	33.4652	0.1378	2.0041	0.0083	0.0000	0.0000
2017-03-20 14:00:00	2.8048	33.4652	0.0939	1.8678	0.0052	0.0000	0.0000
2017-03-20 14:15:00	3.9920	33.4652	0.1336	1.6750	0.0067	0.0000	0.0000
2017-03-20 14:30:00	3.3578	33.4652	0.1124	1.5294	0.0051	0.0000	0.0000
2017-03-20 14:45:00	3.0948	33.4652	0.1036	1.3208	0.0041	0.0000	0.0000
2017-03-20 15:00:00	2.9502	33.4652	0.0987	1.4594	0.0043	0.0000	0.0000
2017-03-20 15:15:00	3.2555	33.4652	0.1089	1.3049	0.0042	0.0000	0.0000
2017-03-20 15:30:00 2017-03-20 15:45:00	3.1640	33.4652 33.4652	0.1059	0.8738	0.0028	0.0000 0.0000	0.0000
	2.5595		0.0857	0.6825	0.0017		0.0000
2017-03-20 16:00:00 2017-03-20 16:15:00	1.6707 2.4763	33.4652 33.4652	0.0559 0.0829	0.4504 0.5854	0.0008 0.0014	0.0000 0.0000	0.0000 0.0000
2017-03-20 16:15:00 2017-03-20 16:30:00	2.4763 4.3373	33.4652 33.4652	0.0829	0.5854	0.0014	0.0000	0.0000
2017-03-20 16:30:00	4.3373 3.5554	33.4652	0.1451	0.7092	0.0031	0.0000	0.0000
2017-03-20 16:45:00	2.7554	33.4652	0.1190	1.0688	0.0028	0.0000	0.0000
2017-03-20 17:00:00	2.9330	33.4652	0.0922	1.0757	0.0029	0.0000	0.0000
2017-03-20 17:30:00	3.4919	33.4652	0.1169	0.6345	0.0022	0.0000	0.0000
2017-03-20 17:45:00	2.9209	33.4652	0.0977	1.3061	0.0038	0.0000	0.0000
2017-03-20 18:00:00	3.0435	33.4652	0.1019	1.4303	0.0044	0.0000	0.0000
2017-03-20 18:15:00	3.6579	33.4652	0.1224	1.1614	0.0042	0.0000	0.0000
2017-03-20 18:30:00	3.4913	33.4652	0.1168	1.3549	0.0047	0.0000	0.0000
2017-03-20 18:45:00	3.2201	33.4652	0.1078	1.4473	0.0047	0.0000	0.0000
2017-03-20 19:00:00	2.7685	33.4652	0.0926	1.2493	0.0035	0.0000	0.0000
2017-03-20 19:15:00	3.1400	33.4652	0.1051	1.0506	0.0033	0.0000	0.0000
2017-03-20 19:30:00	2.8934	33.4652	0.0968	0.8732	0.0025	0.0000	0.0000
2017-03-20 19:45:00	0.9494	33.4652	0.0318	1.1278	0.0011	0.0000	0.0000
2017-03-20 20:00:00	0.9466	33.4652	0.0317	0.7856	0.0007	0.0000	0.0000
2017-03-20 20:15:00	0.2672	33.4652	0.0089	0.0866	0.0000	0.0000	0.0000
2017-03-20 20:30:00	0.1213	33.4652	0.0041	0.0439	0.0000	0.0000	0.0000
2017-03-20 20:45:00	0.0000	33.4652	0.0000	0.0439	0.0000	0.0000	0.0000
2017-03-20 21:00:00	0.0387	33.4652	0.0013	0.0439	0.0000	0.0000	0.0000
2017-03-20 21:15:00	2.5733	33.4652	0.0861	0.0439	0.0001	0.0000	0.0000
2017-03-20 21:30:00	4.0206	33.4652	0.1345	0.0707	0.0003	0.0000	0.0000
2017-03-20 21:45:00	3.4731	33.4652	0.1162	0.0989	0.0003	0.0000	0.0000
2017-03-20 22:00:00	4.0697	33.4652	0.1362	0.0883	0.0004	0.0000	0.0000
2017-03-20 22:15:00	4.4187	33.4652	0.1479	0.1184	0.0005	0.0000	0.0000
2017-03-20 22:30:00	4.5338	33.4652	0.1517	0.0926	0.0004	0.0000	0.0000
2017-03-20 22:45:00	4.5338	33.4652	0.1517	0.1150	0.0005	0.0000	0.0000
2017-03-20 23:00:00	4.5338	33.4652	0.1517	0.2293	0.0010	0.0000	0.0000
2017-03-20 23:15:00	4.5338	33.4652	0.1517	0.1732	0.0008	0.0000	0.0000
2017-03-20 23:30:00	4.5338	33.4652	0.1517	0.1154	0.0005	0.0000	0.0000
2017-03-20 23:45:00	4.5214	33.4652	0.1513	0.1492	0.0007	0.0000	0.0000
2017-03-21 00:00:00	4.3264	33.4652	0.1448	0.1840	0.0008	0.0000	0.0000
2017-03-21 00:15:00	4.2053	33.4652	0.1407	0.1840	0.0008	0.0000	0.0000
2017-03-21 00:30:00	2.2162	33.4652	0.0742	0.0650	0.0001	0.0000	0.0000
2017-03-21 00:45:00	3.6350	33.4652	0.1216	0.0117	0.0000	0.0000	0.0000
2017-03-21 01:00:00	4.0228	33.4652	0.1346	0.0117	0.0000	0.0000	0.0000
2017-03-21 01:15:00	4.4433	33.4652	0.1487	0.0561	0.0002	0.0000	0.0000
2017-03-21 01:30:00	4.6437	33.4652	0.1554	0.1055	0.0005	0.0000	0.0000
2017-03-21 01:45:00	4.6437	33.4652	0.1554	0.0103	0.0000	0.0000	0.0000
2017-03-21 02:00:00	4.6361	33.4652	0.1551	0.0216	0.0001	0.0000	0.0000
2017-03-21 02:15:00	3.9941	33.4652	0.1337	0.0117	0.0000	0.0000	0.0000
2017-03-21 02:30:00	4.5955	33.4652	0.1538	0.0117	0.0001	0.0000	0.0000
2017-03-21 02:45:00	4.6843	33.4652	0.1568	0.0117	0.0001	0.0000	0.0000
2017-03-21 03:00:00	4.6843	33.4652	0.1568	0.0117	0.0001	0.0000	0.0000
2017-03-21 03:15:00	4.6843	33.4652	0.1568	0.0117	0.0001	0.0000	0.0000
2017-03-21 03:30:00	4.6843	33.4652	0.1568	0.0264	0.0001	0.0000	0.0000
2017-03-21 03:45:00	4.6179	33.4652	0.1545	0.0389	0.0002	0.0000	0.0000
2017-03-21 04:00:00	4.1836	33.4652	0.1400	0.0151	0.0001	0.0000	0.0000
2017-03-21 04:15:00	4.1708	33.4652	0.1396	0.1118	0.0005	0.0000	0.0000
2017-03-21 04:30:00	4.5477	33.4652	0.1522	0.0701	0.0003	0.0000	0.0000
2017-03-21 04:45:00	4.5477	33.4652	0.1522	0.2909	0.0013	0.0000	0.0000
2017-03-21 05:00:00	4.5477	33.4652	0.1522	0.1203	0.0005	0.0000	0.0000
2017-03-21 05:15:00	4.5477	33.4652	0.1522	0.0323	0.0001	0.0000	0.0000
2017-03-21 05:30:00	4.5477	33.4652	0.1522 0.1522	0.0323 0.0471	0.0001 0.0002	0.0000 0.0000	0.0000
2017-03-21 05:45:00	4.5477	33.4652					0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-21 06:00:00	4.5477	33.4652	0.1522	0.2701	0.0012	0.0000	0.0000
2017-03-21 06:15:00	4.5477	33.4652	0.1522	0.4938	0.0022	0.0000	0.0000
2017-03-21 06:30:00	4.8145	33.4652	0.1611	0.2849	0.0014	0.0000	0.0000
2017-03-21 06:45:00	5.0095	33.4652	0.1676	0.1038	0.0005	0.0000	0.0000
2017-03-21 07:00:00	5.0095	33.4652	0.1676	0.1448	0.0007	0.0000	0.0000
2017-03-21 07:15:00	4.6939	33.4652	0.1571	0.4532	0.0021	0.0000	0.0000
2017-03-21 07:30:00	4.8196	33.4652	0.1613	0.2021 0.1300	0.0010	0.0000	0.0000
2017-03-21 07:45:00 2017-03-21 08:00:00	4.5600 3.8390	33.4652 33.4652	0.1526 0.1285	0.1300	0.0006 0.0015	0.0000 0.0000	0.0000 0.0000
2017-03-21 08:00:00	1.8939	33.4652	0.1285	0.3940	0.0015	0.0000	0.0000
2017-03-21 08:13:00	0.2631	38.4249	0.0101	0.6767	0.0013	0.0000	0.0000
2017-03-21 08:45:00	1.0764	66.5297	0.0716	0.5872	0.0002	0.0000	0.0000
2017-03-21 08:43:00	1.7289	66.5297	0.1150	0.2174	0.0004	0.0000	0.0000
2017-03-21 09:05:00	4.0403	66.5297	0.2688	0.0517	0.0004	0.0000	0.0000
2017-03-21 09:30:00	4.1831	66.5297	0.2783	0.0103	0.0002	0.0000	0.0000
2017-03-21 09:45:00	2.6269	66.5297	0.1748	0.0173	0.0000	0.0000	0.0000
2017-03-21 10:00:00	2.5162	66.5297	0.1674	0.0000	0.0000	0.0000	0.0000
2017-03-21 10:15:00	2.4028	66.5297	0.1599	0.0000	0.0000	0.0000	0.0000
2017-03-21 10:30:00	3.4545	66.5297	0.2298	0.0045	0.0000	0.0000	0.0000
2017-03-21 10:45:00	2.0062	66.5297	0.1335	0.0038	0.0000	0.0000	0.0000
2017-03-21 11:00:00	2.7345	66.5297	0.1819	0.0000	0.0000	0.0000	0.0000
2017-03-21 11:15:00	2.8583	66.5297	0.1902	0.3023	0.0009	0.0000	0.0000
2017-03-21 11:30:00	2.8136	66.5297	0.1872	0.9584	0.0027	0.0000	0.0000
2017-03-21 11:45:00	2.8047	66.5297	0.1866	1.1275	0.0032	0.0000	0.0000
2017-03-21 12:00:00	2.3221	66.5297	0.1545	0.9628	0.0022	0.0000	0.0000
2017-03-21 12:15:00	2.6398	66.5297	0.1756	0.7771	0.0021	0.0000	0.0000
2017-03-21 12:30:00	3.7144	66.5297	0.2471	1.0017	0.0037	0.0000	0.0000
2017-03-21 12:45:00	4.0959	66.5297	0.2725	0.7779	0.0032	0.0000	0.0000
2017-03-21 13:00:00	3.6517	66.5297	0.2429	0.6169	0.0023	0.0000	0.0000
2017-03-21 13:15:00	3.6773	66.5297	0.2447	0.5250	0.0019	0.0000	0.0000
2017-03-21 13:30:00	3.8309	66.5297	0.2549	0.5543	0.0021	0.0000	0.0000
2017-03-21 13:45:00	2.7425	66.5297	0.1825	0.6786	0.0019	0.0000	0.0000
2017-03-21 14:00:00	1.3352	66.5297	0.0888	0.9531	0.0013	0.0000	0.0000
2017-03-21 14:15:00	0.9711	66.5297	0.0646	1.1265	0.0011	0.0000	0.0000
2017-03-21 14:30:00	1.2466	66.5297	0.0829	1.3106	0.0016	0.0000	0.0000
2017-03-21 14:45:00	1.4102	66.5297	0.0938	1.1816	0.0017	0.0000	0.0000
2017-03-21 15:00:00	1.8418	66.5297	0.1225	1.0589	0.0020	0.0000	0.0000
2017-03-21 15:15:00	2.5718	66.5297	0.1711	1.0233	0.0026	0.0000	0.0000
2017-03-21 15:30:00	3.2178	66.5297	0.2141	0.8337	0.0027	0.0000	0.0000
2017-03-21 15:45:00	2.4169	66.5297	0.1608	0.9806	0.0024	0.0000	0.0000
2017-03-21 16:00:00	0.6625	66.5297	0.0441	1.0721	0.0007	0.0000	0.0000
2017-03-21 16:15:00	0.6396	66.5297	0.0426	1.5622	0.0010	0.0000	0.0000
2017-03-21 16:30:00	1.4301	66.5297	0.0951	1.7108	0.0024	0.0000	0.0000
2017-03-21 16:45:00	2.2072	66.5297	0.1468	1.6364	0.0036	0.0000	0.0000
2017-03-21 17:00:00	1.8188	66.5297	0.1210	1.6843	0.0031	0.0000	0.0000
2017-03-21 17:15:00	2.2803	66.5297	0.1517	1.5167	0.0035	0.0000	0.0000
2017-03-21 17:30:00	1.2604	66.5297	0.0839	1.1525	0.0015	0.0000	0.0000
2017-03-21 17:45:00	0.6574	66.5297	0.0437	0.6582	0.0004	0.0000	0.0000
2017-03-21 18:00:00	0.5301	66.5297	0.0353	0.4184	0.0002	0.0000	0.0000
2017-03-21 18:15:00	1.6270	66.5297	0.1082	0.2517	0.0004	0.0000	0.0000
2017-03-21 18:30:00	1.1400	66.5297	0.0758	0.1112	0.0001	0.0000	0.0000
2017-03-21 18:45:00	2.4986	66.5297	0.1662	0.0505	0.0001	0.0000	0.0000
2017-03-21 19:00:00	3.6942	66.5297	0.2458	0.1765	0.0007	0.0000	0.0000
2017-03-21 19:15:00	3.7460	66.5297	0.2492	0.2005	0.0008	0.0000	0.0000
2017-03-21 19:30:00	3.9851	66.5297	0.2651	0.2597	0.0010	0.0000	0.0000
2017-03-21 19:45:00	4.1107	66.5297	0.2735	0.2402	0.0010	0.0000	0.0000
2017-03-21 20:00:00	3.9820	66.5297	0.2649	0.2106	0.0008	0.0000	0.0000
2017-03-21 20:15:00	4.2167	66.5297	0.2805	0.1646	0.0007	0.0000	0.0000
2017-03-21 20:30:00	4.2167	66.5297	0.2805	0.1135	0.0005	0.0000	0.0000
2017-03-21 20:45:00	4.1697	66.5297	0.2774	0.1343	0.0006	0.0000	0.0000
2017-03-21 21:00:00	4.2451	66.5297	0.2824	0.2435	0.0010	0.0000	0.0000
2017-03-21 21:15:00	4.5059	66.5297	0.2998	0.1521	0.0007	0.0000	0.0000
2017-03-21 21:30:00	4.5059	66.5297	0.2998	0.0425	0.0002	0.0000	0.0000
2017-03-21 21:45:00	4.5059	66.5297	0.2998	0.0476	0.0002	0.0000	0.0000
2017-03-21 22:00:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000
2017-03-21 22:15:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000
2017-03-21 22:30:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000
2017-03-21 22:45:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000
2017-03-21 23:00:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000
2017-03-21 23:15:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000
2017-03-21 23:30:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000
2017-03-21 23:45:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000
2017-03-22 00:00:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000
2017-03-22 00:15:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000
2017-03-22 00:30:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack					
Parameter	Volumetric Flow Rate		Ox	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2017-03-22 00:45:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000		
2017-03-22 01:00:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000		
2017-03-22 01:15:00	4.5059	66.5297	0.2998	0.0357	0.0002	0.0000	0.0000		
2017-03-22 01:30:00	4.4967	66.5297	0.2992	0.0497	0.0002	0.0000	0.0000		
2017-03-22 01:45:00	4.5181	66.5297	0.3006	0.0491	0.0002	0.0000	0.0000		
2017-03-22 02:00:00	4.5059	66.5297	0.2998	0.2149	0.0010	0.0000	0.0000		
2017-03-22 02:15:00	4.2983	66.5297	0.2860	0.2983	0.0013	0.0000	0.0000		
2017-03-22 02:30:00	4.4211	66.5297	0.2941	0.1937	0.0009	0.0000	0.0000		
2017-03-22 02:45:00	4.4211	66.5297	0.2941	0.1080	0.0005	0.0000	0.0000		
2017-03-22 03:00:00	4.4211	66.5297	0.2941	0.0615	0.0003	0.0000	0.0000		
2017-03-22 03:15:00	4.3480	66.5297	0.2893	0.1105	0.0005	0.0000	0.0000		
2017-03-22 03:30:00	4.3468	66.5297	0.2892	0.0724	0.0003	0.0000	0.0000		
2017-03-22 03:45:00	4.2081	66.5297	0.2800	0.0536	0.0002	0.0000	0.0000		
2017-03-22 04:00:00	3.9318	66.5297	0.2616	0.0536	0.0002	0.0000	0.0000		
2017-03-22 04:15:00	2.7474	66.5297	0.1828	0.1121	0.0003	0.0000	0.0000		
2017-03-22 04:30:00	4.9462	35.0817	0.1735	0.0483	0.0002	0.0000	0.0000		
2017-03-22 04:45:00	4.9462	33.4652	0.1655	0.8942	0.0044	0.0000	0.0000		
2017-03-22 05:00:00	4.9462	33.4652	0.1655	0.5740	0.0028	0.0000	0.0000		
2017-03-22 05:15:00	4.9462	33.4652	0.1655	0.6199	0.0031	0.0000	0.0000		
2017-03-22 05:30:00	4.9462	33.4652	0.1655	0.0598	0.0003	0.0000	0.0000		
2017-03-22 05:45:00	4.9462	33.4652	0.1655	0.2675	0.0013	0.0000	0.0000		
2017-03-22 06:00:00	4.9462	33.4652	0.1655	0.1170	0.0006 0.0003	0.0000 0.0000	0.0000 0.0000		
2017-03-22 06:15:00 2017-03-22 06:30:00	4.9462 4.9462	33.4652 33.4652	0.1655 0.1655	0.0529 0.4023	0.0003	0.0000	0.0000		
2017-03-22 06:30:00	4.9462 4.9462	33.4652 33.4652	0.1655 0.1655	0.4023	0.0020	0.0000	0.0000		
2017-03-22 06:45:00	4.9462 4.9462	33.4652	0.1655	0.3192	0.0016	0.0000	0.0000		
2017-03-22 07:00:00	4.9462 4.9462	33.4652	0.1655	0.1448	0.0002	0.0000	0.0000		
2017-03-22 07:30:00	4.9462	33.4652	0.1655	0.0511	0.0007	0.0000	0.0000		
2017-03-22 07:45:00	4.9462	33.4652	0.1655	0.0549	0.0003	0.0000	0.0000		
2017-03-22 07:43:00	4.9462	33.4652	0.1655	0.0907	0.0003	0.0000	0.0000		
2017-03-22 08:05:00	4.9462	33.4652	0.1655	0.0000	0.0004	0.0000	0.0000		
2017-03-22 08:30:00	4.9462	33.4652	0.1655	0.0165	0.0001	0.0000	0.0000		
2017-03-22 08:45:00	4.9462	33.4652	0.1655	0.0390	0.0001	0.0000	0.0000		
2017-03-22 09:00:00	4.9462	33.4652	0.1655	1.4387	0.0071	0.0000	0.0000		
2017-03-22 09:15:00	4.9462	33.4652	0.1655	1.1928	0.0059	0.0000	0.0000		
2017-03-22 09:30:00	4.9462	33.4652	0.1655	0.0212	0.0001	0.0000	0.0000		
2017-03-22 09:45:00	4.6751	33.4652	0.1565	0.1905	0.0009	0.0000	0.0000		
2017-03-22 10:00:00	0.5361	33.4652	0.0179	0.0196	0.0000	0.0000	0.0000		
2017-03-22 10:00:00	0.9607	33.4652	0.0322	0.2924	0.0003	0.0000	0.0000		
2017-03-22 10:30:00	0.8211	33.4652	0.0275	0.1648	0.0001	0.0000	0.0000		
2017-03-22 10:45:00	1.1993	33.4652	0.0401	0.0859	0.0001	0.0000	0.0000		
2017-03-22 11:00:00	1.3324	33.4652	0.0446	0.0364	0.0000	0.0000	0.0000		
2017-03-22 11:15:00	1.0272	33.4652	0.0344	0.0652	0.0001	0.0000	0.0000		
2017-03-22 11:30:00	1.1924	33.4652	0.0399	0.0927	0.0001	0.0000	0.0000		
2017-03-22 11:45:00	0.2526	33.4652	0.0085	0.2321	0.0001	0.0000	0.0000		
2017-03-22 12:00:00	0.1709	33.4652	0.0057	0.2551	0.0000	0.0000	0.0000		
2017-03-22 12:15:00	0.3025	33.4652	0.0101	0.1824	0.0001	0.0000	0.0000		
2017-03-22 12:30:00	0.0000	33.4652	0.0000	0.1031	0.0000	0.0000	0.0000		
2017-03-22 12:45:00	0.0000	33.4652	0.0000	0.0365	0.0000	0.0000	0.0000		
2017-03-22 13:00:00	0.0402	33.4652	0.0013	0.0928	0.0000	0.0000	0.0000		
2017-03-22 13:15:00	0.0194	33.4652	0.0007	0.2790	0.0000	0.0000	0.0000		
2017-03-22 13:30:00	0.0191	33.4652	0.0006	0.0861	0.0000	0.0000	0.0000		
2017-03-22 13:45:00	0.1227	33.4652	0.0041	0.1019	0.0000	0.0000	0.0000		
2017-03-22 14:00:00	0.0582	33.4652	0.0019	1.1594	0.0001	0.0000	0.0000		
2017-03-22 14:15:00	0.0961	33.4652	0.0032	0.9968	0.0001	0.0000	0.0000		
2017-03-22 14:30:00	0.4349	33.4652	0.0146	0.4845	0.0002	0.0000	0.0000		
2017-03-22 14:45:00	0.9865	33.4652	0.0330	0.4919	0.0005	0.0000	0.0000		
2017-03-22 15:00:00	1.2503	33.4652	0.0418	0.0168	0.0000	0.0000	0.0000		
2017-03-22 15:15:00	1.2136	33.4652	0.0406	0.0394	0.0000	0.0000	0.0000		
2017-03-22 15:30:00	0.1157	33.4652	0.0039	0.0966	0.0000	0.0000	0.0000		
2017-03-22 15:45:00	0.4102	33.4652	0.0137	0.2489	0.0001	0.0000	0.0000		
2017-03-22 16:00:00	0.8332	33.4652	0.0279	1.0230	0.0009	0.0000	0.0000		
2017-03-22 16:15:00	2.0098	33.4652	0.0673	1.4018	0.0028	0.0000	0.0000		
2017-03-22 16:30:00	1.5624	33.4652	0.0523	0.8434	0.0013	0.0000	0.0000		
2017-03-22 16:45:00	0.5327	33.4652	0.0178	0.5317	0.0003	0.0000	0.0000		
2017-03-22 17:00:00	0.9725	33.4652	0.0325	0.4927	0.0005	0.0000	0.0000		
2017-03-22 17:15:00	1.2794	33.4652	0.0428	0.5019	0.0006	0.0000	0.0000		
2017-03-22 17:30:00	2.1709	33.4652	0.0726	0.4908	0.0011	0.0000	0.0000		
2017-03-22 17:45:00	1.1323	33.4652	0.0379	0.4745	0.0005	0.0000	0.0000		
2017-03-22 18:00:00	0.8578	33.4652	0.0287	0.4449	0.0004	0.0000	0.0000		
2017-03-22 18:15:00	0.7021	33.4652	0.0235	0.1440	0.0001	0.0000	0.0000		
2017-03-22 18:30:00	4.0097	33.4652	0.1342	0.0619	0.0002	0.0000	0.0000		
2017-03-22 18:45:00	4.7776	33.4652	0.1599	0.1696	0.0008	0.0000	0.0000		
2017-03-22 19:00:00	4.7776	33.4652	0.1599	0.0629	0.0003	0.0000	0.0000		
2017-03-22 19:15:00	4.7776	33.4652	0.1599	0.0341	0.0002	0.0000	0.0000		
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		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-03-22 19:30:00	4.7776	33.4652	0.1599	0.0343	0.0002	0.0000	0.0000	
2017-03-22 19:45:00	4.7776	33.4652	0.1599	0.0767	0.0004	0.0000	0.0000	
2017-03-22 20:00:00	4.7776	33.4652	0.1599	0.1489	0.0007	0.0000	0.0000	
2017-03-22 20:15:00	4.7776	33.4652	0.1599	0.0893	0.0004	0.0000	0.0000	
2017-03-22 20:30:00	4.7032	33.4652	0.1574	0.0518	0.0002	0.0000	0.0000	
2017-03-22 20:45:00	0.4329	33.4652	0.0145	0.2665	0.0001	0.0000	0.0000	
2017-03-22 21:00:00	0.2812 0.2793	33.4652	0.0094	0.6756	0.0002	0.0000	0.0000	
2017-03-22 21:15:00 2017-03-22 21:30:00	0.2793	33.4652 33.4652	0.0093 0.0090	1.4508 1.0717	0.0004 0.0003	0.0000 0.0000	0.0000	
2017-03-22 21:30:00	0.0991	33.4652	0.0090	0.0046	0.0003	0.0000	0.0000	
2017-03-22 21:43:00	0.1606	33.4652	0.0054	0.1067	0.0000	0.0000	0.0000	
2017-03-22 22:00:00	0.0980	33.4652	0.0034	0.0389	0.0000	0.0000	0.0000	
2017-03-22 22:13:00	0.0211	33.4652	0.0007	0.0032	0.0000	0.0000	0.0000	
2017-03-22 22:35:00	0.2755	33.4652	0.0092	0.2407	0.0001	0.0000	0.0000	
2017-03-22 23:00:00	0.2508	33.4652	0.0084	0.0816	0.0000	0.0000	0.0000	
2017-03-22 23:15:00	0.2727	33.4652	0.0091	0.0529	0.0000	0.0000	0.0000	
2017-03-22 23:30:00	0.0404	33.4652	0.0014	0.0529	0.0000	0.0000	0.0000	
2017-03-22 23:45:00	0.0425	33.4652	0.0014	0.0529	0.0000	0.0000	0.0000	
2017-03-23 00:00:00	0.0182	33.4652	0.0006	0.0529	0.0000	0.0000	0.0000	
2017-03-23 00:15:00	0.1323	33.4652	0.0044	0.2458	0.0000	0.0000	0.0000	
2017-03-23 00:30:00	0.2938	33.4652	0.0098	1.0204	0.0003	0.0000	0.0000	
2017-03-23 00:45:00	0.3433	33.4652	0.0115	1.6229	0.0006	0.0000	0.0000	
2017-03-23 01:00:00	0.2345	33.4652	0.0078	1.7420	0.0004	0.0000	0.0000	
2017-03-23 01:15:00	0.1964	33.4652	0.0066	1.9027	0.0004	0.0000	0.0000	
2017-03-23 01:30:00	0.2542	33.4652	0.0085	1.8570	0.0005	0.0000	0.0000	
2017-03-23 01:45:00	0.3206	33.4652	0.0107	0.7759	0.0002	0.0000	0.0000	
2017-03-23 02:00:00	0.1936	33.4652	0.0065	1.4891	0.0003	0.0000	0.0000	
2017-03-23 02:15:00	0.0232	33.4652	0.0008	1.8646	0.0000	0.0000	0.0000	
2017-03-23 02:30:00	0.0824	33.4652	0.0028	1.8012	0.0001	0.0000	0.0000	
2017-03-23 02:45:00	0.1484	33.4652	0.0050	2.1327	0.0003	0.0000	0.0000	
2017-03-23 03:00:00	0.4311	33.4652	0.0144	1.1861	0.0005	0.0000	0.0000	
2017-03-23 03:15:00	2.3332	33.4652	0.0781	0.8041	0.0019	0.0000	0.0000	
2017-03-23 03:30:00	2.2624	33.4652	0.0757	0.5029	0.0011	0.0000	0.0000	
2017-03-23 03:45:00	2.8461	33.4652	0.0952	0.1831	0.0005	0.0000	0.0000	
2017-03-23 04:00:00	1.0631	33.4652	0.0356	0.0289	0.0000	0.0000	0.0000	
2017-03-23 04:15:00	0.4333	33.4652	0.0145	0.0233	0.0000	0.0000	0.0000	
2017-03-23 04:30:00	0.3586	33.4652	0.0120	0.0556	0.0000	0.0000	0.0000	
2017-03-23 04:45:00	0.2237	33.4652	0.0075	0.1451	0.0000	0.0000	0.0000	
2017-03-23 05:00:00	0.0622	33.4652	0.0021	0.2775	0.0000	0.0000	0.0000	
2017-03-23 05:15:00	0.0000	33.4652	0.0000	0.0779	0.0000	0.0000	0.0000	
2017-03-23 05:30:00	0.0184	33.4652	0.0006	0.0529	0.0000	0.0000	0.0000	
2017-03-23 05:45:00	0.0000	33.4652	0.0000	0.0030	0.0000	0.0000	0.0000	
2017-03-23 06:00:00	0.0584	33.4652	0.0020	0.0000	0.0000	0.0000	0.0000	
2017-03-23 06:15:00	0.0752	33.4652	0.0025	0.0000	0.0000	0.0000	0.0000	
2017-03-23 06:30:00	0.0791	33.4652	0.0026	0.0000	0.0000	0.0000	0.0000	
2017-03-23 06:45:00	0.2810	33.4652	0.0094	0.0000	0.0000	0.0000	0.0000	
2017-03-23 07:00:00	0.0637	33.4652	0.0021	0.0000	0.0000	0.0000	0.0000	
2017-03-23 07:15:00	0.0608	33.4652	0.0020	0.0000	0.0000	0.0000	0.0000	
2017-03-23 07:30:00	0.2828	33.4652	0.0095	0.0000	0.0000	0.0000	0.0000	
2017-03-23 07:45:00	0.5649	33.4652	0.0189	0.0000	0.0000	0.0000	0.0000	
2017-03-23 08:00:00	0.2990	33.4652	0.0100	0.0000	0.0000	0.0000	0.0000	
2017-03-23 08:15:00	0.1924	33.4652	0.0064	0.0513	0.0000	0.0000	0.0000	
2017-03-23 08:30:00	0.0553	33.4652	0.0019	0.0000	0.0000	0.0000	0.0000	
2017-03-23 08:45:00	0.1032	33.4652	0.0035	0.0000	0.0000	0.0000	0.0000	
2017-03-23 09:00:00	0.0000	33.4652	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-03-23 09:15:00	0.0815	33.4652	0.0027	0.0027	0.0000	0.0000	0.0000	
2017-03-23 09:30:00	0.0371	33.4652	0.0012	0.0274	0.0000	0.0000	0.0000	
2017-03-23 09:45:00	0.0000	33.4652	0.0000	0.0055	0.0000	0.0000	0.0000	
2017-03-23 10:00:00	0.1502	33.4652	0.0050	0.0055	0.0000	0.0000	0.0000	
2017-03-23 10:15:00	0.1069	33.4652	0.0036	0.0055	0.0000	0.0000	0.0000	
2017-03-23 10:30:00	0.0182	33.4652	0.0006	0.0055	0.0000	0.0000	0.0000	
2017-03-23 10:45:00	0.1920	33.4652	0.0064	0.0174	0.0000	0.0000	0.0000	
2017-03-23 11:00:00	0.0576	33.4652	0.0019	0.0685	0.0000	0.0000	0.0000	
2017-03-23 11:15:00	0.0790	33.4652	0.0026	0.1826	0.0000	0.0000	0.0000	
2017-03-23 11:30:00	0.2095	33.4652	0.0070	0.1791	0.0000	0.0000	0.0000	
2017-03-23 11:45:00	0.0043	33.4652	0.0001	0.0559	0.0000	0.0000	0.0000	
2017-03-23 12:00:00	0.2369	33.4652	0.0079	0.0481	0.0000	0.0000	0.0000	
2017-03-23 12:15:00	0.1999	33.4652	0.0067	0.2427	0.0000	0.0000	0.0000	
2017-03-23 12:30:00	0.4468	33.4652	0.0150	0.5229	0.0002	0.0000	0.0000	
2017-03-23 12:45:00	0.2069	33.4652	0.0069	0.2285	0.0000	0.0000	0.0000	
2017-03-23 13:00:00	0.4427	33.4652	0.0148	0.2590	0.0001	0.0000	0.0000	
2017-03-23 13:15:00	0.5168	33.4652	0.0173	0.3460	0.0002	0.0000	0.0000	
2017-03-23 13:30:00	0.2018	33.4652	0.0068	0.2543	0.0001	0.0000	0.0000	
2017-03-23 13:45:00	0.1060	33.4652	0.0035	0.0117	0.0000	0.0000	0.0000	
2017-03-23 14:00:00	0.0398	33.4652	0.0013	0.0117	0.0000	0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-23 14:15:00	0.3098	33.4652	0.0104	0.0117	0.0000	0.0000	0.0000
2017-03-23 14:30:00	0.4262	33.4652	0.0143	0.0117	0.0000	0.0000	0.0000
2017-03-23 14:45:00	0.5536	33.4652	0.0185	0.0117	0.0000	0.0000	0.0000
2017-03-23 15:00:00	0.9966	33.4652	0.0334	0.0117	0.0000	0.0000	0.0000
2017-03-23 15:15:00	2.5900	33.4652	0.0867	0.0117	0.0000	0.0000	0.0000
2017-03-23 15:30:00	1.6137	33.4652	0.0540	0.0226	0.0000	0.0000	0.0000
2017-03-23 15:45:00	1.3090	33.4652	0.0438	0.0424	0.0001	0.0000	0.0000
2017-03-23 16:00:00 2017-03-23 16:15:00	1.5353 1.9903	33.4652 33.4652	0.0514 0.0666	0.0361 0.0206	0.0001 0.0000	0.0000 0.0000	0.0000 0.0000
2017-03-23 16:30:00	2.0588	33.4652	0.0689	0.0206	0.0001	0.0000	0.0000
2017-03-23 16:45:00	3.3957	33.4652	0.1136	0.3322	0.0001	0.0000	0.0000
2017-03-23 17:00:00	4.5793	33.4652	0.1130	0.2433	0.0011	0.0000	0.0000
2017-03-23 17:00:00	4.6573	33.4652	0.1559	0.2973	0.0011	0.0000	0.0000
2017-03-23 17:30:00	4.6573	33.4652	0.1559	0.3208	0.0014	0.0000	0.0000
2017-03-23 17:45:00	4.6573	33.4652	0.1559	0.3082	0.0013	0.0000	0.0000
2017-03-23 18:00:00	4.6573	33.4652	0.1559	0.8711	0.0041	0.0000	0.0000
2017-03-23 18:15:00	4.6573	33.4652	0.1559	0.3013	0.0014	0.0000	0.0000
2017-03-23 18:30:00	4.6573	33.4652	0.1559	0.2767	0.0013	0.0000	0.0000
2017-03-23 18:45:00	4.9533	33.4652	0.1658	0.0685	0.0003	0.0000	0.0000
2017-03-23 19:00:00	2.8568	33.4652	0.0956	0.0286	0.0001	0.0000	0.0000
2017-03-23 19:15:00	0.1026	33.4652	0.0034	0.2600	0.0000	0.0000	0.0000
2017-03-23 19:30:00	0.0000	33.4652	0.0000	1.0382	0.0000	0.0000	0.0000
2017-03-23 19:45:00	0.0596	33.4652	0.0020	0.8517	0.0001	0.0000	0.0000
2017-03-23 20:00:00	0.0379	33.4652	0.0013	0.3553	0.0000	0.0000	0.0000
2017-03-23 20:15:00	1.0780	33.4652	0.0361	0.0350	0.0000	0.0000	0.0000
2017-03-23 20:30:00	0.7620	33.4652	0.0255	0.0350	0.0000	0.0000	0.0000
2017-03-23 20:45:00	0.1008	33.4652	0.0034	0.0350	0.0000	0.0000	0.0000
2017-03-23 21:00:00	1.3899	33.4652	0.0465	0.0470	0.0001	0.0000	0.0000
2017-03-23 21:15:00	0.2297	33.4652	0.0077	0.0453	0.0000	0.0000	0.0000
2017-03-23 21:30:00	0.7965	33.4652	0.0267	0.0453	0.0000	0.0000	0.0000
2017-03-23 21:45:00	1.4579	33.4652	0.0488	0.0453	0.0001	0.0000	0.0000
2017-03-23 22:00:00	1.1126	33.4652	0.0372	0.0453	0.0001	0.0000	0.0000
2017-03-23 22:15:00	1.7457	33.4652	0.0584	0.0476	0.0001	0.0000	0.0000
2017-03-23 22:30:00	1.1472	33.4652	0.0384	0.0117	0.0000	0.0000	0.0000
2017-03-23 22:45:00	0.8423	33.4652	0.0282	0.0117	0.0000	0.0000	0.0000
2017-03-23 23:00:00	0.2917	33.4652	0.0098	0.0117	0.0000	0.0000	0.0000
2017-03-23 23:15:00	0.8886	33.4652	0.0297	0.0130	0.0000	0.0000	0.0000
2017-03-23 23:30:00	0.5820	33.4652	0.0195	0.0000	0.0000	0.0000	0.0000
2017-03-23 23:45:00	2.3197	33.4652	0.0776	0.0269	0.0001	0.0000	0.0000
2017-03-24 00:00:00	2.5452	33.4652	0.0852	0.0290	0.0001	0.0000	0.0000
2017-03-24 00:15:00	0.7939	33.4652	0.0266	0.0566	0.0000	0.0000	0.0000
2017-03-24 00:30:00	0.3479	33.4652	0.0116	0.0935	0.0000	0.0000	0.0000
2017-03-24 00:45:00	0.3114	33.4652	0.0104	0.0530	0.0000	0.0000	0.0000
2017-03-24 01:00:00	0.7211	33.4652	0.0241	0.0444	0.0000	0.0000	0.0000
2017-03-24 01:15:00	0.9213	33.4652	0.0308	0.1207	0.0001	0.0000	0.0000
2017-03-24 01:30:00	1.8321	33.4652	0.0613	0.0683	0.0001	0.0000	0.0000
2017-03-24 01:45:00	2.4773	33.4652	0.0829	0.0489	0.0001	0.0000	0.0000
2017-03-24 02:00:00	2.2135	33.4652	0.0741	0.0260	0.0001	0.0000	0.0000
2017-03-24 02:15:00	0.9177	33.4652	0.0307	0.1404	0.0001	0.0000	0.0000
2017-03-24 02:30:00	0.1496	33.4652	0.0050	0.0365	0.0000	0.0000	0.0000
2017-03-24 02:45:00	0.1509	33.4652	0.0051	0.0899	0.0000	0.0000	0.0000
2017-03-24 03:00:00	1.2599	33.4652	0.0422	0.2779	0.0004	0.0000	0.0000
2017-03-24 03:15:00	1.7034	33.4652	0.0570	0.2353	0.0004	0.0000	0.0000
2017-03-24 03:30:00	2.5749	33.4652	0.0862	0.1663	0.0004	0.0000	0.0000
2017-03-24 03:45:00	1.4078	33.4652	0.0471	0.2678	0.0004	0.0000	0.0000
2017-03-24 04:00:00	0.7255	33.4652	0.0243	0.2692	0.0002	0.0000	0.0000
2017-03-24 04:15:00	1.4634	33.4652	0.0490	0.3296	0.0005	0.0000	0.0000
2017-03-24 04:30:00	0.8830	33.4652	0.0296	0.3751	0.0003	0.0000	0.0000
2017-03-24 04:45:00	0.1617	33.4652	0.0054	0.5144	0.0001	0.0000	0.0000
2017-03-24 05:00:00	1.4620	33.4652	0.0489	0.3925	0.0006	0.0000	0.0000
2017-03-24 05:15:00	0.7197	33.4652	0.0241	0.5041	0.0004	0.0000	0.0000
2017-03-24 05:30:00	2.3655	33.4652	0.0792	0.2887	0.0007	0.0000	0.0000
2017-03-24 05:45:00	0.3955	33.4652	0.0132	0.5484	0.0002	0.0000	0.0000
2017-03-24 06:00:00	2.4804	33.4652	0.0830	0.1703	0.0004	0.0000	0.0000
2017-03-24 06:15:00	2.5411	33.4652	0.0850	0.0581	0.0001	0.0000	0.0000
2017-03-24 06:30:00	0.8378	33.4652	0.0280	0.1553	0.0001	0.0000	0.0000
2017-03-24 06:45:00	0.8294	33.4652	0.0278	0.1594	0.0001	0.0000	0.0000
2017-03-24 07:00:00	0.1362	33.4652	0.0046	0.1662	0.0000	0.0000	0.0000
2017-03-24 07:15:00	0.0992	33.4652	0.0033	0.0486	0.0000	0.0000	0.0000
2017-03-24 07:30:00	0.2033	33.4652	0.0068	0.0764	0.0000	0.0000	0.0000
2017-03-24 07:45:00	0.1182	33.4652	0.0040	0.0535	0.0000	0.0000	0.0000
2017-03-24 08:00:00	0.1012	33.4652	0.0034	0.0404	0.0000	0.0000	0.0000
2017-03-24 08:15:00	0.0000	33.4652	0.0000	0.1785	0.0000	0.0000	0.0000
2017-03-24 08:30:00	0.1020	33.4652	0.0034	0.1045	0.0000	0.0000	0.0000
2017-03-24 08:45:00	0.0769	33.4652	0.0026	0.7294	0.0001	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-03-24 09:00:00	0.3123	33.4652	0.0105	0.0250	0.0000	0.0000	0.0000	
2017-03-24 09:15:00	0.3239	33.4652	0.0108	0.0523	0.0000	0.0000	0.0000	
2017-03-24 09:30:00	2.6113	33.4652	0.0874	0.4844	0.0013	0.0000	0.0000	
2017-03-24 09:45:00	1.9903	33.4652	0.0666 0.0254	0.7548 0.4707	0.0015 0.0004	0.0000 0.0000	0.0000	
2017-03-24 10:00:00 2017-03-24 10:15:00	0.7577 1.9581	33.4652 33.4652	0.0254	0.4707	0.0004	0.0000	0.0000 0.0000	
2017-03-24 10:15:00	0.9727	33.4652	0.0326	0.3447	0.0011	0.0000	0.0000	
2017-03-24 10:30:00	0.5626	33.4652	0.0326	0.1379	0.0002	0.0000	0.0000	
2017-03-24 10:43:00	0.1068	33.4652	0.0036	0.1077	0.0000	0.0000	0.0000	
2017-03-24 11:15:00	0.0800	33.4652	0.0027	0.0232	0.0000	0.0000	0.0000	
2017-03-24 11:30:00	0.0865	33.4652	0.0029	0.0884	0.0000	0.0000	0.0000	
2017-03-24 11:45:00	0.3652	33.4652	0.0122	0.1413	0.0001	0.0000	0.0000	
2017-03-24 12:00:00	0.5132	33.4652	0.0172	0.0675	0.0000	0.0000	0.0000	
2017-03-24 12:15:00	0.4809	33.4652	0.0161	0.0531	0.0000	0.0000	0.0000	
2017-03-24 12:30:00	0.4499	33.4652	0.0151	0.0575	0.0000	0.0000	0.0000	
2017-03-24 12:45:00	0.4551	33.4652	0.0152	0.0843	0.0000	0.0000	0.0000	
2017-03-24 13:00:00	0.4026	33.4652	0.0135	0.4489	0.0002	0.0000	0.0000	
2017-03-24 13:15:00	0.6097	33.4652	0.0204	0.0767	0.0000	0.0000	0.0000	
2017-03-24 13:30:00	0.6371	33.4652	0.0213	0.0534	0.0000	0.0000	0.0000	
2017-03-24 13:45:00	0.4660	33.4652	0.0156	0.0585	0.0000	0.0000	0.0000	
2017-03-24 14:00:00	0.1925	33.4652	0.0064	0.0756	0.0000	0.0000	0.0000	
2017-03-24 14:15:00	0.5625	33.4652	0.0188	0.1286	0.0001	0.0000	0.0000	
2017-03-24 14:30:00	0.3535	33.4652	0.0118	0.0893	0.0000	0.0000	0.0000	
2017-03-24 14:45:00	0.5077	33.4652	0.0170	0.1487	0.0001	0.0000	0.0000	
2017-03-24 15:00:00	0.5193	33.4652	0.0174	0.1459	0.0001	0.0000	0.0000	
2017-03-24 15:15:00	0.1313	33.4652	0.0044	0.1695	0.0000	0.0000	0.0000	
2017-03-24 15:30:00	0.2477	33.4652	0.0083	0.1061	0.0000	0.0000	0.0000	
2017-03-24 15:45:00	0.5471	33.4652 33.4652	0.0183 0.0109	0.0610 0.2591	0.0000 0.0001	0.0000 0.0000	0.0000 0.0000	
2017-03-24 16:00:00	0.3251 0.2510	33.4652	0.0109	0.2591	0.0001	0.0000	0.0000	
2017-03-24 16:15:00 2017-03-24 16:30:00	0.4172	33.4652	0.0084	0.2989	0.0001	0.0000	0.0000	
2017-03-24 16:45:00	0.4172	33.4652	0.0140	0.3318	0.0001	0.0000	0.0000	
2017-03-24 17:00:00	0.3385	33.4652	0.0130	0.2541	0.0001	0.0000	0.0000	
2017-03-24 17:15:00	0.4355	33.4652	0.0146	0.3908	0.0002	0.0000	0.0000	
2017-03-24 17:30:00	0.2796	33.4652	0.0094	0.5318	0.0001	0.0000	0.0000	
2017-03-24 17:45:00	0.1265	33.4652	0.0042	0.5009	0.0001	0.0000	0.0000	
2017-03-24 18:00:00	0.1522	33.4652	0.0051	0.3086	0.0000	0.0000	0.0000	
2017-03-24 18:15:00	0.0823	33.4652	0.0028	0.1225	0.0000	0.0000	0.0000	
2017-03-24 18:30:00	0.1084	33.4652	0.0036	0.1317	0.0000	0.0000	0.0000	
2017-03-24 18:45:00	0.4343	33.4652	0.0145	0.1846	0.0001	0.0000	0.0000	
2017-03-24 19:00:00	0.1652	33.4652	0.0055	0.0620	0.0000	0.0000	0.0000	
2017-03-24 19:15:00	0.2538	33.4652	0.0085	0.1703	0.0000	0.0000	0.0000	
2017-03-24 19:30:00	0.4163	33.4652	0.0139	0.2065	0.0001	0.0000	0.0000	
2017-03-24 19:45:00	0.3400	33.4652	0.0114	0.0813	0.0000	0.0000	0.0000	
2017-03-24 20:00:00	0.7672	33.4652	0.0257	0.0309	0.0000	0.0000	0.0000	
2017-03-24 20:15:00	0.3478	33.4652	0.0116	0.0309	0.0000	0.0000	0.0000	
2017-03-24 20:30:00	0.3694	33.4652	0.0124	0.0309	0.0000	0.0000	0.0000	
2017-03-24 20:45:00	0.2316	33.4652	0.0077	0.0309	0.0000	0.0000	0.0000	
2017-03-24 21:00:00	0.4687	33.4652	0.0157	0.0309	0.0000	0.0000	0.0000	
2017-03-24 21:15:00	0.6486 0.3373	33.4652	0.0217 0.0113	0.0309 0.0309	0.0000	0.0000 0.0000	0.0000	
2017-03-24 21:30:00 2017-03-24 21:45:00	0.3373	33.4652 33.4652	0.0113	0.0309	0.0000 0.0000	0.0000	0.0000 0.0000	
2017-03-24 21:45:00	0.3292	33.4652	0.0110	0.0309	0.0000	0.0000	0.0000	
2017-03-24 22:00:00	0.4996	33.4652	0.0110	0.0309	0.0000	0.0000	0.0000	
2017-03-24 22:30:00	0.1757	33.4652	0.0059	0.0309	0.0000	0.0000	0.0000	
2017-03-24 22:45:00	0.5253	33.4652	0.0176	0.0309	0.0000	0.0000	0.0000	
2017-03-24 23:00:00	0.7846	33.4652	0.0263	0.0309	0.0000	0.0000	0.0000	
2017-03-24 23:15:00	0.4853	33.4652	0.0162	0.0309	0.0000	0.0000	0.0000	
2017-03-24 23:30:00	0.8429	33.4652	0.0282	0.0309	0.0000	0.0000	0.0000	
2017-03-24 23:45:00	1.2040	33.4652	0.0403	0.0293	0.0000	0.0000	0.0000	
2017-03-25 00:00:00	1.4227	33.4652	0.0476	0.0680	0.0001	0.0000	0.0000	
2017-03-25 00:15:00	0.5547	33.4652	0.0186	0.0221	0.0000	0.0000	0.0000	
2017-03-25 00:30:00	1.3559	33.4652	0.0454	0.0724	0.0001	0.0000	0.0000	
2017-03-25 00:45:00	0.6159	33.4652	0.0206	0.0453	0.0000	0.0000	0.0000	
2017-03-25 01:00:00	0.0811	33.4652	0.0027	0.0453	0.0000	0.0000	0.0000	
2017-03-25 01:15:00	0.4601	33.4652	0.0154	0.0453	0.0000	0.0000	0.0000	
2017-03-25 01:30:00	1.2154	33.4652	0.0407	0.0453	0.0001	0.0000	0.0000	
2017-03-25 01:45:00	1.0810	33.4652	0.0362	0.0312	0.0000	0.0000	0.0000	
2017-03-25 02:00:00	1.5808	33.4652	0.0529	0.0446	0.0001	0.0000	0.0000	
2017-03-25 02:15:00	1.6178	33.4652	0.0541	0.0488	0.0001	0.0000	0.0000	
2017-03-25 02:30:00	0.8525	33.4652	0.0285	0.0488	0.0000	0.0000	0.0000	
2017-03-25 02:45:00	1.2102	33.4652	0.0405	0.0488	0.0001	0.0000	0.0000	
2017-03-25 03:00:00 2017-03-25 03:15:00	1.4152 0.6541	33.4652 33.4652	0.0474 0.0219	0.0488 0.0488	0.0001 0.0000	0.0000 0.0000	0.0000 0.0000	
2017-03-25 03:15:00	1.9698	33.4652	0.0219	0.0488	0.0000	0.0000	0.0000	
2017 03 23 03.30.00	1.5056	33.4032	0.0059	0.0400	0.0001	0.0000	0.0000	

Point Source Air Emissions - A2 Nitric Acid Stack Parameter Volumetric Flow Rate NOx NH3 Unit m3/sec mg/Nm3 g/s mg/Nm3 g/s 2017-03-25 03:45:00 2.0297 33.4652 0.0679 0.0521 0.0001 2017-03-25 04:00:00 2.8357 33.4652 0.0949 0.0013 0.0000 2017-03-25 04:15:00 1.2593 33.4652 0.0421 0.0396 0.0000 2017-03-25 04:30:00 0.8300 33.4652 0.0278 0.0096 0.0000 2017-03-25 04:45:00 1.9181 33.4652 0.0642 0.0096 0.0000	N2O ppmv g/s 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.000000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000 0.000000 0.000000 0.000000 0.0000000 0.00000000	
2017-03-25 03:45:00 2.0297 33.4652 0.0679 0.0521 0.0001 2017-03-25 04:00:00 2.8357 33.4652 0.0949 0.0013 0.0000 2017-03-25 04:15:00 1.2593 33.4652 0.0421 0.0396 0.0000 2017-03-25 04:30:00 0.8300 33.4652 0.0278 0.0096 0.0000	0.0000 0.000	
2017-03-25 04:00:00 2.8357 33.4652 0.0949 0.0013 0.0000 2017-03-25 04:15:00 1.2593 33.4652 0.0421 0.0396 0.0000 2017-03-25 04:30:00 0.8300 33.4652 0.0278 0.0096 0.0000		ാറ
2017-03-25 04:15:00 1.2593 33.4652 0.0421 0.0396 0.0000 2017-03-25 04:30:00 0.8300 33.4652 0.0278 0.0096 0.0000	0.0000 0.000	
2017-03-25 04:30:00 0.8300 33.4652 0.0278 0.0096 0.0000		
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2017-03-25 05:00:00 1.4861 33.4652 0.0497 0.0096 0.0000	0.0000 0.000	
2017-03-25 05:15:00	0.0000 0.000	
I I I I I I I I I I I I I I I I I I I	0.0000 0.000 0.0000 0.000	
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2017-03-25 06:15:00 3.3397 33.4652 0.1118 0.0096 0.0000 2017-03-25 06:30:00 4.0266 33.4652 0.1348 0.0096 0.0000	0.0000 0.000	
2017-03-25 06:35:00 4.2489 33.4652 0.1422 0.0096 0.0000	0.0000 0.000	
2017-03-25 06.43.00 4.2469 35.4652 0.1422 0.0096 0.0000 2017-03-25 07:00:00 2.3095 33.4652 0.0773 0.0096 0.0000	0.0000 0.000	
2017-03-25 07:15:00	0.0000 0.000	
2017-03-25 07:35:00 1:4453 35:4052 0.0463 0.1343 0.0002 2017-03-25 07:30:00 3.7133 33.4652 0.1243 0.0864 0.0003	0.0000 0.000	
2017-03-25 07:45:00 2.7312 33.4652 0.0914 0.1290 0.0004	0.0000 0.000	
2017-03-25 08:00:00	0.0000 0.000	
2017-03-25 08:00:00	0.0000 0.000	
2017-03-25 08:15:00 0.0000 33:4652 0.0000 0.9299 0.0000	0.0000 0.000	
2017-03-25 08:30:00	0.0000 0.000	
2017-03-25 08-43-00 0.0000 33-4652 0.0000 0.5762 0.0000 2017-03-25 09:00:00 3.2154 33.4652 0.1076 0.1521 0.0005	0.0000 0.000	
2017-03-25 09:05:00 3.7821 33.4652 0.1266 0.0130 0.0000	0.0000 0.000	
2017-03-25 09:30:00	0.0000 0.000	
2017-03-25 09:45:00	0.0000 0.000	
2017-03-25 10:00:00 4.0052 33.4652 0.1340 0.1176 0.0005	0.0000 0.000	
2017-03-25 10:15:00 4.1559 33.4652 0.1391 0.0144 0.0001	0.0000 0.000	
2017-03-25 10:30:00 4.0579 33.4652 0.1358 0.2796 0.0011	0.0000 0.000	
2017-03-25 10:45:00 2.5526 33.4652 0.0854 0.1716 0.0004	0.0000 0.000	
2017-03-25 11:00:00 3.6034 33.4652 0.1206 0.0377 0.0001	0.0000 0.000	
2017-03-25 11:15:00 1.5179 33.4652 0.0508 0.0350 0.0001	0.0000 0.000	
2017-03-25 11:30:00	0.0000 0.000	
2017-03-25 11:45:00	0.0000 0.000	
2017-03-25 12:00:00 1.0031 33.4652 0.0336 0.0350 0.0000	0.0000 0.000	
2017-03-25 12:15:00	0.0000 0.000	00
2017-03-25 12:30:00 0.2005 33.4652 0.0067 0.0350 0.0000	0.0000 0.000	00
2017-03-25 12:45:00	0.0000 0.000	00
2017-03-25 13:00:00 0.1721 33.4652 0.0058 0.0350 0.0000	0.0000 0.000	00
2017-03-25 13:15:00	0.0000 0.000	00
2017-03-25 13:30:00 0.6258 33.4652 0.0209 0.0350 0.0000	0.0000 0.000	00
2017-03-25 13:45:00 0.2036 33.4652 0.0068 0.0350 0.0000	0.0000 0.000	00
2017-03-25 14:00:00 0.3162 33.4652 0.0106 0.0350 0.0000	0.0000 0.000	00
2017-03-25 14:15:00 0.7253 33.4652 0.0243 0.0350 0.0000	0.0000 0.000	00
2017-03-25 14:30:00 0.4773 33.4652 0.0160 0.0350 0.0000	0.0000 0.000	00
2017-03-25 14:45:00 0.7182 33.4652 0.0240 0.0360 0.0000	0.0000 0.000	00
2017-03-25 15:00:00 0.5684 33.4652 0.0190 0.0601 0.0000	0.0000 0.000	00
2017-03-25 15:15:00 0.9329 33.4652 0.0312 0.0230 0.0000	0.0000 0.000	00
2017-03-25 15:30:00 1.0798 33.4652 0.0361 0.0000 0.0000	0.0000 0.000	00
2017-03-25 15:45:00 0.9684 33.4652 0.0324 0.0000 0.0000	0.0000 0.000	00
2017-03-25 16:00:00 1.0927 33.4652 0.0366 0.0000 0.0000	0.0000 0.000	00
2017-03-25 16:15:00 1.5585 33.4652 0.0522 0.0000 0.0000	0.0000 0.000	00
2017-03-25 16:30:00 1.5976 33.4652 0.0535 0.0000 0.0000	0.0000 0.000	00
2017-03-25 16:45:00 2.9673 33.4652 0.0993 0.0000 0.0000	0.0000 0.000	00
2017-03-25 17:00:00 3.1789 33.4652 0.1064 0.0000 0.0000	0.0000 0.000	00
2017-03-25 17:15:00 3.1119 33.4652 0.1041 0.0051 0.0000	0.0000 0.000	00
2017-03-25 17:30:00 1.3801 33.4652 0.0462 0.0505 0.0001	0.0000 0.000	
2017-03-25 17:45:00 1.1516 33.4652 0.0385 0.0000 0.0000	0.0000 0.000	
2017-03-25 18:00:00 1.2400 33.4652 0.0415 0.0378 0.0000	0.0000 0.000	00
2017-03-25 18:15:00 1.1593 33.4652 0.0388 0.0273 0.0000	0.0000 0.000	00
2017-03-25 18:30:00	0.0000 0.000	
2017-03-25 18:45:00 1.1133 33.4652 0.0373 0.0206 0.0000	0.0000 0.000	
2017-03-25 19:00:00 0.7629 33.4652 0.0255 0.0206 0.0000	0.0000 0.000	
2017-03-25 19:15:00 2.6329 33.4652 0.0881 0.0793 0.0002	0.0000 0.000	
2017-03-25 19:30:00 4.7196 68.6779 0.3241 0.4984 0.0024	0.4991 0.004	
2017-03-25 19:45:00 3.4256 99.8290 0.3420 0.0138 0.0000	0.5304 0.003	
2017-03-25 20:00:00 0.6915 135.8648 0.0940 0.0903 0.0001	0.4578 0.000	
2017-03-25 20:15:00 0.0000 94.8649 0.0000 0.6104 0.0000	0.4578 0.000	
2017-03-25 20:30:00 0.0000 51.9163 0.0000 0.8930 0.0000	0.4578 0.000	
2017-03-25 20:45:00 0.0000 36.8719 0.0000 0.6750 0.0000	0.4578 0.000	
2017-03-25 21:00:00 0.2962 36.8719 0.0109 0.5354 0.0002	0.4578 0.000	
2017-03-25 21:15:00 12.8132 36.8719 0.4724 0.0774 0.0010	0.4578 0.011	
2017-03-25 21:30:00 15.6782 36.8719 0.5781 0.0450 0.0007	0.4578 0.013	
2017-03-25 21:45:00 11.7867 36.8719 0.4346 0.5729 0.0068	0.4578 0.010	
2017-03-25 22:00:00	0.4578 0.000	
2017-03-25 22:15:00	0.4578 0.000	JO

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-25 22:30:00	0.0000	242.9670	0.0000	0.5711	0.0000	0.4578	0.0000
2017-03-25 22:45:00	0.0000	288.5425	0.0000	0.6418	0.0000	0.4578	0.0000
2017-03-25 23:00:00	0.0000	303.1910	0.0000	0.7222	0.0000	0.4578	0.0000
2017-03-25 23:15:00	0.0000	295.5958	0.0000	0.7532	0.0000	0.4578	0.0000
2017-03-25 23:30:00	0.0000	248.1738	0.0000	0.7309	0.0000	0.4578	0.0000
2017-03-25 23:45:00	0.0000	210.4963	0.0000	0.7649	0.0000	0.4578	0.0000
2017-03-26 00:00:00	0.0000	171.2598	0.0000	0.6648	0.0000	0.4578	0.0000
2017-03-26 00:15:00	0.0000	137.0672	0.0000	0.5642	0.0000	0.4578	0.0000
2017-03-26 00:30:00	0.0000	118.6246	0.0000	0.5115	0.0000	0.4578	0.0000
2017-03-26 00:45:00	0.0000	104.0027	0.0000	0.7398	0.0000	0.4578	0.0000
2017-03-26 01:00:00	0.0000	89.6013	0.0000	0.7437	0.0000	0.4578	0.0000
2017-03-26 01:15:00	0.0000	70.9383	0.0000	0.7774	0.0000	0.4578	0.0000
2017-03-26 01:30:00	0.0000	70.9383	0.0000	0.6858	0.0000	0.4578	0.0000
2017-03-26 01:45:00	0.0000	70.9383	0.0000	0.8139	0.0000	0.4578	0.0000
2017-03-26 02:00:00	0.0000	70.9383	0.0000	0.7783	0.0000	0.4578	0.0000
2017-03-26 02:15:00	0.0000	70.9383	0.0000	0.7777	0.0000	0.4578	0.0000
2017-03-26 02:30:00	0.0445	39.4536	0.0018	0.5635	0.0000	0.4578	0.0000
2017-03-26 02:45:00	0.0184	37.8738	0.0007	0.4165	0.0000	0.4578	0.0000
2017-03-26 03:00:00 2017-03-26 03:15:00	0.0000	37.8738 37.8738	0.0000	0.2569 0.0288	0.0000 0.0000	0.4578	0.0000
	0.0376		0.0014		0.0000	0.4578	0.0000 0.0000
2017-03-26 03:30:00 2017-03-26 03:45:00	0.0000 0.0000	37.8738 37.8738	0.0000 0.0000	0.0288 0.0288	0.0000	0.4578 0.4578	0.0000
2017-03-26 04:00:00	0.0181	37.8738	0.0007	0.0288	0.0000	0.4578	0.0000
2017-03-26 04:00:00	0.1288	37.8738	0.0007	0.0288	0.0000	0.4578	0.0000
2017-03-26 04:15:00	0.0180	37.8738	0.0049	0.3906	0.0000	0.4578	0.0001
2017-03-26 04:45:00	0.0000	37.8738	0.0007	0.6303	0.0000	0.4578	0.0000
2017-03-26 05:00:00	0.3140	37.8738	0.0119	0.2445	0.0001	0.4578	0.0003
2017-03-26 05:15:00	0.0000	37.8738	0.0000	0.0509	0.0000	0.4578	0.0000
2017-03-26 05:30:00	0.0000	37.8738	0.0000	0.0518	0.0000	0.4578	0.0000
2017-03-26 05:45:00	0.0180	37.8738	0.0007	0.0548	0.0000	0.4578	0.0000
2017-03-26 06:00:00	0.1643	37.8738	0.0062	0.2149	0.0000	0.4578	0.0001
2017-03-26 06:15:00	0.2863	37.8738	0.0108	0.4294	0.0001	0.4578	0.0003
2017-03-26 06:30:00	0.5277	37.8738	0.0200	0.3254	0.0002	0.4578	0.0005
2017-03-26 06:45:00	2.6450	37.8738	0.1002	0.4525	0.0012	0.4578	0.0023
2017-03-26 07:00:00	0.4744	37.8738	0.0180	0.9973	0.0005	0.4578	0.0004
2017-03-26 07:15:00	0.0000	37.8738	0.0000	1.0029	0.0000	0.4578	0.0000
2017-03-26 07:30:00	0.2518	37.8738	0.0095	1.3408	0.0003	0.4578	0.0002
2017-03-26 07:45:00	0.0000	37.8738	0.0000	1.3471	0.0000	0.4578	0.0000
2017-03-26 08:00:00	0.0000	37.8738	0.0000	1.4707	0.0000	0.4578	0.0000
2017-03-26 08:15:00	0.0000	37.8738	0.0000	1.3480	0.0000	0.4578	0.0000
2017-03-26 08:30:00	0.0000	37.8738	0.0000	0.6168	0.0000	0.4578	0.0000
2017-03-26 08:45:00	0.0000	37.8738	0.0000	0.1146	0.0000	0.4578	0.0000
2017-03-26 09:00:00	1.3044	37.8738	0.0494	0.0556	0.0001	0.4578	0.0012
2017-03-26 09:15:00	1.8371	37.8738	0.0696	0.0556	0.0001	0.4578	0.0016
2017-03-26 09:30:00	2.1792	37.8738	0.0825	0.0556	0.0001	0.4578	0.0019
2017-03-26 09:45:00	2.3599	37.8738	0.0894	0.0556	0.0001	0.4578	0.0021
2017-03-26 10:00:00	2.1537	37.8738	0.0816	0.0556	0.0001	0.4578	0.0019
2017-03-26 10:15:00	2.2709	37.8738	0.0860	0.0556	0.0001	0.4578	0.0020
2017-03-26 10:30:00	3.3327	37.8738	0.1262	0.0627	0.0002	0.4578	0.0030
2017-03-26 10:45:00	0.6019	37.8738	0.0228	0.0582	0.0000	0.4578	0.0005
2017-03-26 11:00:00	1.2366	37.8738	0.0468	0.1441	0.0002	0.4578	0.0011
2017-03-26 11:15:00	1.4352	37.8738	0.0544	0.5425	0.0008	0.4578	0.0013
2017-03-26 11:30:00	1.7289	37.8738	0.0655	0.2916	0.0005	0.4578	0.0015
2017-03-26 11:45:00	1.7750	37.8738	0.0672	0.3746	0.0007	0.4578	0.0016
2017-03-26 12:00:00	1.3670	37.8738	0.0518	0.6809	0.0009	0.4578	0.0012
2017-03-26 12:15:00	1.6994	37.8738	0.0644	0.5489	0.0009	0.4578	0.0015
2017-03-26 12:30:00	2.0222	37.8738	0.0766	0.5096	0.0010	0.4578	0.0018
2017-03-26 12:45:00	1.3423	37.8738	0.0508	0.6883	0.0009	0.4578	0.0012
2017-03-26 13:00:00	0.5715	37.8738	0.0216	0.4979	0.0003	0.4578	0.0005
2017-03-26 13:15:00	0.2275	37.8738	0.0086	0.3777	0.0001	0.4578	0.0002
2017-03-26 13:30:00	0.3886	37.8738	0.0147	0.1416	0.0001	0.4578	0.0003
2017-03-26 13:45:00	0.4911	37.8738	0.0186	0.1438	0.0001	0.4578	0.0004
2017-03-26 14:00:00	0.0760	37.8738	0.0029	0.2344	0.0000	0.4578	0.0001
2017-03-26 14:15:00	0.0216	37.8738	0.0008	0.0648	0.0000	0.4578	0.0000
2017-03-26 14:30:00	0.0000	37.8738	0.0000	0.0295	0.0000	0.4578	0.0000
2017-03-26 14:45:00	0.0762	37.8738	0.0029	0.0295	0.0000	0.4578	0.0001
2017-03-26 15:00:00	0.0580	37.8738	0.0022	0.0295	0.0000	0.4578	0.0001
2017-03-26 15:15:00	0.0763	37.8738	0.0029	0.0295	0.0000	0.4578	0.0001
2017-03-26 15:30:00	0.0989	37.8738	0.0037	0.0295	0.0000	0.4578	0.0001
2017-03-26 15:45:00	0.0928	37.8738	0.0035	0.0295	0.0000	0.4578	0.0001
2017-03-26 16:00:00	0.1284	37.8738	0.0049	0.0295	0.0000	0.4578	0.0001
2017-03-26 16:15:00	0.4563	37.8738	0.0173	0.0295	0.0000	0.4578	0.0004
2017-03-26 16:30:00	0.1965	37.8738	0.0074	0.0295	0.0000	0.4578	0.0002
2017-03-26 16:45:00	0.2545	37.8738	0.0096	0.0295	0.0000	0.4578	0.0002
2017-03-26 17:00:00	0.1763	37.8738	0.0067	0.0428	0.0000	0.4578	0.0002

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-26 17:15:00	0.1506	37.8738	0.0057	0.0199	0.0000	0.4578	0.0001
2017-03-26 17:30:00	0.0379	37.8738	0.0014	0.0199	0.0000	0.4578	0.0000
2017-03-26 17:45:00	0.0187	37.8738	0.0007	0.0199	0.0000	0.4578	0.0000
2017-03-26 18:00:00	0.1354	37.8738	0.0051	0.0199	0.0000	0.4578	0.0001
2017-03-26 18:15:00	0.0730	37.8738	0.0028	0.0199	0.0000	0.4578	0.0001
2017-03-26 18:30:00	0.0000	37.8738	0.0000	0.0199	0.0000	0.4578	0.0000
2017-03-26 18:45:00	0.0916	37.8738	0.0035	0.0199	0.0000	0.4578	0.0001
2017-03-26 19:00:00	0.0191	37.8738	0.0007	0.0199	0.0000	0.4578	0.0000
2017-03-26 19:15:00	0.0000	37.8738	0.0000	0.0199	0.0000	0.4578	0.0000
2017-03-26 19:30:00	0.0000	37.8738	0.0000	0.0199	0.0000	0.4578	0.0000
2017-03-26 19:45:00	0.2491	37.8738	0.0094	0.0250	0.0000	0.4578	0.0002
2017-03-26 20:00:00	0.2746	37.8738	0.0104	0.1743	0.0000	0.4578	0.0002
2017-03-26 20:15:00	0.5011	37.8738	0.0190	0.2448	0.0001	0.4578	0.0004
2017-03-26 20:30:00	0.4040	37.8738	0.0153	0.1301	0.0001	0.4578	0.0004
2017-03-26 20:45:00	0.8044	37.8738	0.0305	0.1762	0.0001	0.4578	0.0007
2017-03-26 21:00:00	1.4110	37.8738	0.0534	0.0087	0.0000	0.4578	0.0013
2017-03-26 21:15:00	0.9213	37.8738	0.0349	0.0069	0.0000	0.4578	0.0008
2017-03-26 21:30:00	0.9432	37.8738 37.8738	0.0357	0.0444	0.0000	0.4578	0.0008
2017-03-26 21:45:00	1.9342		0.0733	0.0273	0.0001	0.4578	0.0017
2017-03-26 22:00:00 2017-03-26 22:15:00	1.4028 1.1324	37.8738 37.8738	0.0531 0.0429	0.0912 0.0528	0.0001 0.0001	0.4578 0.4578	0.0012 0.0010
2017-03-26 22:15:00 2017-03-26 22:30:00	1.1324 1.5381	37.8738 37.8738	0.0429	0.0528	0.0001	0.4578	0.0010
2017-03-26 22:30:00 2017-03-26 22:45:00	1.5381 1.1641	37.8738 37.8738	0.0583	0.0000	0.0000	0.4578	0.0014
2017-03-26 22:45:00	2.2065	37.8738 37.8738	0.0441	0.0000	0.0000	0.4578	0.0010
2017-03-26 23:15:00		37.8738	0.0852				0.0020
2017-03-26 23:15:00	2.2497 1.2235	37.8738 37.8738	0.0852	0.0000 0.0000	0.0000 0.0000	0.4578 0.4578	0.0020
2017-03-26 23:45:00	1.9099	37.8738	0.0723	0.0000	0.0000	0.4578	0.0011
2017-03-20 23.43.00	3.5527	37.8738	0.1346	0.0000	0.0000	0.4578	0.0017
2017-03-27 00:00:00	0.6561	37.8738	0.0248	0.0000	0.0000	0.4578	0.0032
2017-03-27 00:13:00	0.2823	37.8738	0.0107	0.0000	0.0000	0.4578	0.0003
2017-03-27 00:35:00	0.8588	37.8738	0.0325	0.0000	0.0000	0.4578	0.0008
2017-03-27 01:00:00	0.5828	37.8738	0.0221	0.0000	0.0000	0.4578	0.0005
2017-03-27 01:15:00	0.9739	37.8738	0.0369	0.0000	0.0000	0.4578	0.0009
2017-03-27 01:30:00	0.9650	37.8738	0.0366	0.0000	0.0000	0.4578	0.0009
2017-03-27 01:45:00	2.0606	37.8738	0.0780	0.0000	0.0000	0.4578	0.0018
2017-03-27 02:00:00	3.2533	37.8738	0.1232	0.0000	0.0000	0.4578	0.0029
2017-03-27 02:15:00	3.8343	37.8738	0.1452	0.1665	0.0006	0.4578	0.0034
2017-03-27 02:30:00	3.9384	37.8738	0.1492	0.3959	0.0016	0.4578	0.0035
2017-03-27 02:45:00	3.9384	37.8738	0.1492	0.3409	0.0013	0.4578	0.0035
2017-03-27 03:00:00	3.9384	37.8738	0.1492	0.0885	0.0003	0.4578	0.0035
2017-03-27 03:15:00	3.9566	37.8738	0.1499	0.0446	0.0002	0.4578	0.0035
2017-03-27 03:30:00	3.9304	37.8738	0.1489	0.0446	0.0002	0.4578	0.0035
2017-03-27 03:45:00	3.9544	37.8738	0.1498	0.0545	0.0002	0.4578	0.0035
2017-03-27 04:00:00	4.3122	37.8738	0.1633	0.1260	0.0005	0.4578	0.0038
2017-03-27 04:15:00	4.1679	37.8738	0.1579	0.0110	0.0000	0.4578	0.0037
2017-03-27 04:30:00	4.2991	37.8738	0.1628	0.1180	0.0005	0.4578	0.0038
2017-03-27 04:45:00	4.3371	37.8738	0.1643	0.8525	0.0037	0.4578	0.0039
2017-03-27 05:00:00	4.1982	37.8738	0.1590	0.5414	0.0023	0.4578	0.0037
2017-03-27 05:15:00	4.3341	37.8738	0.1641	1.2700	0.0055	0.4578	0.0038
2017-03-27 05:30:00	4.1565	37.8738	0.1574	1.2778	0.0053	0.4578	0.0037
2017-03-27 05:45:00	4.1565	37.8738	0.1574	1.2531	0.0052	0.4578	0.0037
2017-03-27 06:00:00	3.8321	37.8738	0.1451	1.3624	0.0052	0.4578	0.0034
2017-03-27 06:15:00	3.4070	37.8738	0.1290	1.1616	0.0040	0.4578	0.0030
2017-03-27 06:30:00	3.7736	37.8738	0.1429	1.3911	0.0052	0.4578	0.0034
2017-03-27 06:45:00	4.0474	37.8738	0.1533	1.6771	0.0068	0.4578	0.0036
2017-03-27 07:00:00	2.7230	37.8738	0.1031	1.7388	0.0047	0.4578	0.0024
2017-03-27 07:15:00	0.2809	37.8738	0.0106	1.6534	0.0005	0.4578	0.0002
2017-03-27 07:30:00	2.7771	37.8738	0.1052	1.7334	0.0048	0.4578	0.0025
2017-03-27 07:45:00	3.3489	37.8738	0.1268	1.5408	0.0052	0.4578	0.0030
2017-03-27 08:00:00	0.2676	37.8738	0.0101	1.1309	0.0003	0.4578	0.0002
2017-03-27 08:15:00	0.0544	37.8738	0.0021	0.3553	0.0000	0.4578	0.0000
2017-03-27 08:30:00	0.0357	37.8738	0.0014	0.0981	0.0000	0.4578	0.0000
2017-03-27 08:45:00	3.6389	37.8738	0.1378	0.1007	0.0004	0.4578	0.0032
2017-03-27 09:00:00	3.9056	37.8738	0.1479	0.0364	0.0001	0.4578	0.0035
2017-03-27 09:15:00	3.7688	37.8738	0.1427	0.1534	0.0006	0.4578	0.0033
2017-03-27 09:30:00	3.7524	37.8738	0.1421	0.7760	0.0029	0.4578	0.0033
2017-03-27 09:45:00	3.6070	37.8738	0.1366	0.6726	0.0024	0.4578	0.0032
2017-03-27 10:00:00	2.2646	37.8738	0.0858	0.1988	0.0005	0.4578	0.0020
2017-03-27 10:15:00	0.9367	37.8738	0.0355	0.0000	0.0000	0.4578	0.0008
2017-03-27 10:30:00	0.4670	37.8738	0.0177	0.0000	0.0000	0.4578	0.0004
2017-03-27 10:45:00	0.2243	37.8738	0.0085	0.0000	0.0000	0.4578	0.0002
2017-03-27 11:00:00	0.1636	37.8738	0.0062	0.0000	0.0000	0.4578	0.0001
2017-03-27 11:15:00	0.6133	37.8738	0.0232	0.0000	0.0000	0.4578	0.0005
2017-03-27 11:30:00	0.7382	37.8738	0.0280	0.0000	0.0000	0.4578	0.0007
2017-03-27 11:45:00	0.9523	37.8738	0.0361	0.0000	0.0000	0.4578	0.0008

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-27 12:00:00	1.8490	37.8738	0.0700	0.0000	0.0000	0.4578	0.0016
2017-03-27 12:15:00	1.7679	37.8738	0.0670	0.0025	0.0000	0.4578	0.0016
2017-03-27 12:30:00	2.2110	37.8738	0.0837	0.0040	0.0000	0.4578	0.0020
2017-03-27 12:45:00	2.1797	37.8738	0.0826	0.0000	0.0000	0.4578	0.0019
2017-03-27 13:00:00	1.2639	37.8738	0.0479	0.0532	0.0001	0.4578	0.0011
2017-03-27 13:15:00	1.1422	37.8738	0.0433	0.0445	0.0001	0.4578	0.0010
2017-03-27 13:30:00	2.8194	37.8738	0.1068	0.0350	0.0001	0.4578	0.0025 0.0015
2017-03-27 13:45:00 2017-03-27 14:00:00	1.7360 0.2227	37.8738 37.8738	0.0658 0.0084	0.0571 0.0348	0.0001 0.0000	0.4578 0.4578	0.0015
2017-03-27 14:00:00		37.8738 37.8738		0.0348	0.0000		0.0002
2017-03-27 14:15:00	0.1455	37.8738 37.8738	0.0055 0.0054	0.0137	0.0000	0.4578	0.0001
	0.1417 0.1835	37.8738	0.0034	0.0137	0.0000	0.4578 0.4578	0.0001
2017-03-27 14:45:00	0.0000	37.8738	0.0070	0.0137	0.0000	0.4578	0.0002
2017-03-27 15:00:00 2017-03-27 15:15:00	0.0401	37.8738	0.0000	0.0313	0.0000	0.4578	0.0000
2017-03-27 15:13:00	0.0000	37.8738	0.0013	0.3207	0.0000	0.4578	0.0000
2017-03-27 15:35:00	0.0000	37.8738	0.0000	0.2454	0.0000	0.4578	0.0000
2017-03-27 15:45:00	0.0000	37.8738	0.0000	0.2454	0.0000	0.4578	0.0000
2017-03-27 16:00:00	0.0000	37.8738	0.0000	0.1113	0.0000	0.4578	0.0000
2017-03-27 16:30:00	0.0586	37.8738	0.0000	0.1313	0.0000	0.4578	0.0001
2017-03-27 16:35:00	0.0570	37.8738	0.0022	0.1794	0.0000	0.4578	0.0001
2017-03-27 16:45:00	0.0000	37.8738	0.0022	0.1794	0.0000	0.4578	0.0001
2017-03-27 17:00:00	0.2617	37.8738	0.0000	0.2310	0.0000	0.4578	0.0000
2017-03-27 17:13:00	0.3390	37.8738	0.0128	0.0358	0.0000	0.4578	0.0002
2017-03-27 17:35:00	0.4813	37.8738	0.0128	0.0076	0.0000	0.4578	0.0003
2017-03-27 17:43:00	0.6596	37.8738	0.0250	0.0076	0.0000	0.4578	0.0004
2017-03-27 18:00:00	0.8373	37.8738	0.0317	0.0845	0.0001	0.4578	0.0007
2017-03-27 18:13:00	0.7042	37.8738	0.0267	0.0504	0.0000	0.4578	0.0007
2017-03-27 18:45:00	0.4874	37.8738	0.0185	0.0464	0.0000	0.4578	0.0004
2017-03-27 19:00:00	0.7546	37.8738	0.0286	0.0158	0.0000	0.4578	0.0007
2017-03-27 19:15:00	2.1077	37.8738	0.0798	0.0158	0.0000	0.4578	0.0019
2017-03-27 19:30:00	2.2621	37.8738	0.0857	0.0158	0.0000	0.4578	0.0020
2017-03-27 19:45:00	3.3620	37.8738	0.1273	0.0158	0.0001	0.4578	0.0030
2017-03-27 20:00:00	1.6298	37.8738	0.0617	0.0158	0.0000	0.4578	0.0014
2017-03-27 20:15:00	0.7295	37.8738	0.0276	0.0158	0.0000	0.4578	0.0006
2017-03-27 20:30:00	0.7676	37.8738	0.0291	0.0158	0.0000	0.4578	0.0007
2017-03-27 20:45:00	0.5024	37.8738	0.0190	0.1140	0.0001	0.4578	0.0004
2017-03-27 21:00:00	0.6240	37.8738	0.0236	0.2739	0.0002	0.4578	0.0006
2017-03-27 21:15:00	0.4899	37.8738	0.0186	0.3959	0.0002	0.4578	0.0004
2017-03-27 21:30:00	2.2788	37.8738	0.0863	0.5601	0.0013	0.4578	0.0020
2017-03-27 21:45:00	3.4409	37.8738	0.1303	0.4277	0.0015	0.4578	0.0031
2017-03-27 22:00:00	1.0193	37.8738	0.0386	0.3377	0.0003	0.4578	0.0009
2017-03-27 22:15:00	2.8180	37.8738	0.1067	0.1348	0.0004	0.4578	0.0025
2017-03-27 22:30:00	2.0778	37.8738	0.0787	0.1418	0.0003	0.4578	0.0018
2017-03-27 22:45:00	0.7306	37.8738	0.0277	0.3449	0.0003	0.4578	0.0006
2017-03-27 23:00:00	0.5449	37.8738	0.0206	0.3660	0.0002	0.4578	0.0005
2017-03-27 23:15:00	2.1515	37.8738	0.0815	0.1906	0.0004	0.4578	0.0019
2017-03-27 23:30:00	2.7653	37.8738	0.1047	0.2686	0.0007	0.4578	0.0025
2017-03-27 23:45:00	1.9774	37.8738	0.0749	0.2856	0.0006	0.4578	0.0018
2017-03-28 00:00:00	1.7584	37.8738	0.0666	0.3196	0.0006	0.4578	0.0016
2017-03-28 00:15:00	1.5704	37.8738	0.0595	0.4165	0.0007	0.4578	0.0014
2017-03-28 00:30:00	2.5931	37.8738	0.0982	0.2950	0.0008	0.4578	0.0023
2017-03-28 00:45:00	2.2250	37.8738	0.0843	0.4473	0.0010	0.4578	0.0020
2017-03-28 01:00:00	1.1039	37.8738	0.0418	0.8209	0.0009	0.4578	0.0010
2017-03-28 01:15:00	1.6302	37.8738	0.0617	0.5709	0.0009	0.4578	0.0014
2017-03-28 01:30:00	2.5222	37.8738	0.0955	0.3210	0.0008	0.4578	0.0022
2017-03-28 01:45:00	2.5365	37.8738	0.0961	0.2425	0.0006	0.4578	0.0023
2017-03-28 02:00:00	3.2238	37.8738	0.1221	0.1324	0.0004	0.4578	0.0029
2017-03-28 02:15:00	3.3937	37.8738	0.1285	0.2996	0.0010	0.4578	0.0030
2017-03-28 02:30:00	2.4735	37.8738	0.0937	0.5434	0.0013	0.4578	0.0022
2017-03-28 02:45:00	3.5153	37.8738	0.1331	0.0484	0.0002	0.4578	0.0031
2017-03-28 03:00:00	2.9428	37.8738	0.1115	0.0330	0.0001	0.4578	0.0026
2017-03-28 03:15:00	0.5141	37.8738	0.0195	0.2712	0.0001	0.4578	0.0005
2017-03-28 03:30:00	0.0776	37.8738	0.0029	0.2463	0.0000	0.4578	0.0001
2017-03-28 03:45:00	0.6447	37.8738	0.0244	0.0174	0.0000	0.4578	0.0006
2017-03-28 04:00:00	2.1980	37.8738	0.0832	0.0501	0.0001	0.4578	0.0020
2017-03-28 04:15:00	2.5315	37.8738	0.0959	0.1526	0.0004	0.4578	0.0022
2017-03-28 04:30:00	2.0527	37.8738	0.0777	0.1510	0.0003	0.4578	0.0018
2017-03-28 04:45:00	3.0648	37.8738	0.1161	0.1280	0.0004	0.4578	0.0027
2017-03-28 05:00:00	3.2542	37.8738	0.1232	0.0907	0.0003	0.4578	0.0029
	2.8164	37.8738	0.1067	0.0739	0.0002	0.4578	0.0025
2017-03-28 05:15:00		07.0700	0.1076	0.0649	0.0002	0.4578	0.0025
2017-03-28 05:30:00	2.8416	37.8738					
2017-03-28 05:30:00 2017-03-28 05:45:00	3.1849	37.8738	0.1206	0.1263	0.0004	0.4578	0.0028
2017-03-28 05:30:00 2017-03-28 05:45:00 2017-03-28 06:00:00	3.1849 2.9097	37.8738 37.8738	0.1206 0.1102	0.1263 0.3261	0.0004 0.0009	0.4578 0.4578	0.0028 0.0026
2017-03-28 05:30:00 2017-03-28 05:45:00	3.1849	37.8738	0.1206	0.1263	0.0004	0.4578	0.0028

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-28 06:45:00	4.6180	37.8738	0.1749	0.6697	0.0031	0.4578	0.0041
2017-03-28 07:00:00	3.9421	37.8738	0.1493	0.8069	0.0032	0.4578	0.0035
2017-03-28 07:15:00	2.1724	37.8738	0.0823	1.1141	0.0024	0.4578	0.0019
2017-03-28 07:30:00	3.6552	37.8738	0.1384	1.1833 1.0272	0.0043 0.0017	0.4578 0.4578	0.0032 0.0014
2017-03-28 07:45:00 2017-03-28 08:00:00	1.6149 0.2931	37.8738 37.8738	0.0612 0.0111	1.0272	0.0017	0.4578	0.0014
2017-03-28 08:00:00	0.2931	37.8738	0.00111	1.0003	0.0003	0.4578	0.0003
2017-03-28 08:30:00	0.1479	37.8738	0.0021	0.9065	0.0001	0.4578	0.0001
2017-03-28 08:45:00	0.2094	37.8738	0.0030	0.5516	0.0001	0.4578	0.0001
2017-03-28 09:00:00	0.0499	37.8738	0.0019	0.2178	0.0000	0.4578	0.0002
2017-03-28 09:15:00	0.0248	37.8738	0.0009	0.1472	0.0000	0.4578	0.0000
2017-03-28 09:30:00	0.1263	37.8738	0.0048	0.3175	0.0000	0.4578	0.0001
2017-03-28 09:45:00	0.1889	37.8738	0.0072	0.4957	0.0001	0.4578	0.0002
2017-03-28 10:00:00	0.0186	37.8738	0.0007	0.2148	0.0000	0.4578	0.0000
2017-03-28 10:15:00	0.0000	37.8738	0.0000	0.1892	0.0000	0.4578	0.0000
2017-03-28 10:30:00	0.0000	37.8738	0.0000	0.2541	0.0000	0.4578	0.0000
2017-03-28 10:45:00	0.0000	37.8738	0.0000	0.3208	0.0000	0.4578	0.0000
2017-03-28 11:00:00	0.0000	37.8738	0.0000	0.1852	0.0000	0.4578	0.0000
2017-03-28 11:15:00	0.0437	37.8738	0.0017	0.2481	0.0000	0.4578	0.0000
2017-03-28 11:30:00	0.0000	37.8738	0.0000	0.2979	0.0000	0.4578	0.0000
2017-03-28 11:45:00	0.0000	37.8738	0.0000	0.1561	0.0000	0.4578	0.0000
2017-03-28 12:00:00	0.0184	37.8738	0.0007	0.1294	0.0000	0.4578	0.0000
2017-03-28 12:15:00	0.3952	37.8738	0.0150	0.2583	0.0001	0.4578	0.0004
2017-03-28 12:30:00	0.4310	37.8738	0.0163	0.4985	0.0002	0.4578	0.0004
2017-03-28 12:45:00	0.6172	37.8738	0.0234	0.5359	0.0003	0.4578	0.0005
2017-03-28 13:00:00	0.9223	37.8738	0.0349	0.5348	0.0005	0.4578	0.0008
2017-03-28 13:15:00	1.2874	37.8738	0.0488	0.5667	0.0007	0.4578	0.0011
2017-03-28 13:30:00	2.2790	37.8738	0.0863	0.4220	0.0010	0.4578	0.0020
2017-03-28 13:45:00 2017-03-28 14:00:00	2.6495 2.0243	37.8738 37.8738	0.1003 0.0767	0.6182 0.6207	0.0016 0.0013	0.4578 0.4578	0.0024 0.0018
2017-03-28 14:00:00	0.8694	37.8738	0.0767	0.6207	0.0013	0.4578	0.0018
2017-03-28 14:30:00	0.9637	37.8738	0.0329	0.5333	0.0005	0.4578	0.0008
2017-03-28 14:45:00	1.6465	37.8738	0.0624	0.4802	0.0008	0.4578	0.0015
2017-03-28 15:00:00	3.9216	37.8738	0.1485	0.0605	0.0002	0.4578	0.0035
2017-03-28 15:15:00	3.5147	37.8738	0.1331	0.0048	0.0000	0.4578	0.0031
2017-03-28 15:30:00	3.1573	37.8738	0.1196	0.0048	0.0000	0.4578	0.0028
2017-03-28 15:45:00	3.7590	37.8738	0.1424	0.0048	0.0000	0.4578	0.0033
2017-03-28 16:00:00	3.4431	37.8738	0.1304	0.0048	0.0000	0.4578	0.0031
2017-03-28 16:15:00	3.8350	37.8738	0.1452	0.1257	0.0005	0.4578	0.0034
2017-03-28 16:30:00	4.3324	37.8738	0.1641	0.2150	0.0009	0.4578	0.0038
2017-03-28 16:45:00	4.1326	37.8738	0.1565	0.3349	0.0014	0.4578	0.0037
2017-03-28 17:00:00	4.2390	37.8738	0.1605	0.4653	0.0020	0.4578	0.0038
2017-03-28 17:15:00	4.0387	37.8738	0.1530	0.2609	0.0011	0.4578	0.0036
2017-03-28 17:30:00	3.1959	37.8738	0.1210	0.0634	0.0002	0.4578	0.0028
2017-03-28 17:45:00	0.8957	37.8738	0.0339	0.0481	0.0000	0.4578	0.0008
2017-03-28 18:00:00	1.9847	37.8738	0.0752	0.0481	0.0001	0.4578	0.0018
2017-03-28 18:15:00	1.8875	37.8738	0.0715	0.0481	0.0001	0.4578	0.0017
2017-03-28 18:30:00	0.3804	37.8738	0.0144	0.0481	0.0000	0.4578	0.0003
2017-03-28 18:45:00	0.6826	37.8738	0.0259	0.0481	0.0000	0.4578	0.0006
2017-03-28 19:00:00	0.6149	37.8738 37.8738	0.0233 0.0135	0.0481 0.0481	0.0000	0.4578 0.4578	0.0005
2017-03-28 19:15:00 2017-03-28 19:30:00	0.3573 0.3670	37.8738 37.8738	0.0135	0.0481	0.0000 0.0000	0.4578	0.0003 0.0003
2017-03-28 19:30:00	0.3891	37.8738	0.0139	0.0481	0.0000	0.4578	0.0003
2017-03-28 19:43:00	0.4701	37.8738	0.0147	0.0481	0.0000	0.4578	0.0003
2017-03-28 20:05:00	0.6683	37.8738	0.0253	0.0481	0.0000	0.4578	0.0004
2017-03-28 20:30:00	1.4776	37.8738	0.0560	0.0481	0.0001	0.4578	0.0013
2017-03-28 20:45:00	2.5200	37.8738	0.0954	0.0481	0.0001	0.4578	0.0022
2017-03-28 21:00:00	2.8057	37.8738	0.1063	0.0481	0.0001	0.4578	0.0025
2017-03-28 21:15:00	2.1761	37.8738	0.0824	0.0481	0.0001	0.4578	0.0019
2017-03-28 21:30:00	1.2471	37.8738	0.0472	0.0742	0.0001	0.4578	0.0011
2017-03-28 21:45:00	1.1465	37.8738	0.0434	0.1752	0.0002	0.4578	0.0010
2017-03-28 22:00:00	2.7545	37.8738	0.1043	0.1389	0.0004	0.4578	0.0024
2017-03-28 22:15:00	1.5378	37.8738	0.0582	0.2936	0.0005	0.4578	0.0014
2017-03-28 22:30:00	1.8277	37.8738	0.0692	0.1556	0.0003	0.4578	0.0016
2017-03-28 22:45:00	1.2110	37.8738	0.0459	0.0913	0.0001	0.4578	0.0011
2017-03-28 23:00:00	0.2341	37.8738	0.0089	0.0085	0.0000	0.4578	0.0002
2017-03-28 23:15:00	0.8809	37.8738	0.0334	0.0014	0.0000	0.4578	0.0008
2017-03-28 23:30:00	0.6491	37.8738	0.0246	0.0014	0.0000	0.4578	0.0006
2017-03-28 23:45:00	0.7985	37.8738	0.0302	0.0014	0.0000	0.4578	0.0007
2017-03-29 00:00:00	0.1184	37.8738	0.0045	0.0014	0.0000	0.4578	0.0001
2017-03-29 00:15:00	0.0912	37.8738	0.0035	0.0014	0.0000	0.4578	0.0001
2017-03-29 00:30:00	0.1000	37.8738	0.0038	0.0014	0.0000	0.4578	0.0001
2017-03-29 00:45:00	0.0432	37.8738	0.0016	0.1632	0.0000	0.4578	0.0000
2017-03-29 01:00:00	0.0378	37.8738	0.0014	0.2052	0.0000	0.4578	0.0000
2017-03-29 01:15:00	0.5153	37.8738	0.0195	0.0639	0.0000	0.4578	0.0005

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-29 01:30:00	0.2976	37.8738	0.0113	0.0000	0.0000	0.4578	0.0003
2017-03-29 01:45:00	0.0963	37.8738	0.0036	0.0000	0.0000	0.4578	0.0001
2017-03-29 02:00:00	0.5300	37.8738	0.0201	0.0000	0.0000	0.4578	0.0005
2017-03-29 02:15:00	0.4090	37.8738	0.0155	0.0026	0.0000	0.4578	0.0004
2017-03-29 02:30:00	0.0180	37.8738	0.0007	0.0000	0.0000	0.4578	0.0000
2017-03-29 02:45:00	0.0429	37.8738	0.0016	0.0000	0.0000	0.4578	0.0000
2017-03-29 03:00:00	0.4205	37.8738	0.0159 0.0008	0.2524 0.1915	0.0001	0.4578	0.0004
2017-03-29 03:15:00 2017-03-29 03:30:00	0.0208 0.5626	37.8738 37.8738	0.0008	0.1915	0.0000 0.0000	0.4578 0.4578	0.0000 0.0005
2017-03-29 03:30:00	1.0633	37.8738	0.0213	0.0000	0.0000	0.4578	0.0003
2017-03-29 04:00:00	0.5295	37.8738	0.0201	0.0000	0.0000	0.4578	0.0005
2017-03-29 04:00:00	0.0363	37.8738	0.0014	0.0032	0.0000	0.4578	0.0003
2017-03-29 04:30:00	0.3087	37.8738	0.0117	0.0055	0.0000	0.4578	0.0003
2017-03-29 04:45:00	0.2461	37.8738	0.0093	0.0055	0.0000	0.4578	0.0003
2017-03-29 05:00:00	1.0430	37.8738	0.0395	0.0055	0.0000	0.4578	0.0002
2017-03-29 05:15:00	0.3486	37.8738	0.0132	0.0055	0.0000	0.4578	0.0003
2017-03-29 05:30:00	0.6635	37.8738	0.0251	0.0055	0.0000	0.4578	0.0006
2017-03-29 05:45:00	0.9071	37.8738	0.0344	0.0055	0.0000	0.4578	0.0008
2017-03-29 06:00:00	2.6047	37.8738	0.0986	0.0055	0.0000	0.4578	0.0023
2017-03-29 06:15:00	2.6782	37.8738	0.1014	0.0055	0.0000	0.4578	0.0024
2017-03-29 06:30:00	2.4135	37.8738	0.0914	0.0055	0.0000	0.4578	0.0021
2017-03-29 06:45:00	2.3914	37.8738	0.0906	0.0055	0.0000	0.4578	0.0021
2017-03-29 07:00:00	1.4464	37.8738	0.0548	0.0424	0.0001	0.4578	0.0013
2017-03-29 07:15:00	0.4202	37.8738	0.0159	0.3007	0.0001	0.4578	0.0004
2017-03-29 07:30:00	1.0154	37.8738	0.0385	0.3066	0.0003	0.4578	0.0009
2017-03-29 07:45:00	0.3466	37.8738	0.0131	0.4818	0.0002	0.4578	0.0003
2017-03-29 08:00:00	0.0390	37.8738	0.0015	0.3085	0.0000	0.4578	0.0000
2017-03-29 08:15:00	0.0000	37.8738	0.0000	0.1883	0.0000	0.4578	0.0000
2017-03-29 08:30:00	0.1130	37.8738	0.0043	0.2691	0.0000	0.4578	0.0001
2017-03-29 08:45:00	0.0000	37.8738	0.0000	0.3003	0.0000	0.4578	0.0000
2017-03-29 09:00:00	0.0230	37.8738	0.0009	0.1808	0.0000	0.4578	0.0000
2017-03-29 09:15:00	0.2112	37.8738	0.0080	0.1525	0.0000	0.4578	0.0002
2017-03-29 09:30:00	0.1126	37.8738	0.0043	0.2399	0.0000	0.4578	0.0001
2017-03-29 09:45:00	0.0193	37.8738	0.0007	0.2346	0.0000	0.4578	0.0000
2017-03-29 10:00:00	0.0859	37.8738	0.0033	0.3641	0.0000	0.4578	0.0001
2017-03-29 10:15:00	0.0186	37.8738	0.0007	0.3784	0.0000	0.4578	0.0000
2017-03-29 10:30:00	0.0257	37.8738	0.0010	0.2440	0.0000	0.4578	0.0000
2017-03-29 10:45:00	0.0000	37.8738	0.0000	0.2557	0.0000	0.4578	0.0000
2017-03-29 11:00:00	0.0186	37.8738	0.0007	0.1431	0.0000	0.4578	0.0000
2017-03-29 11:15:00	0.0671	37.8738	0.0025	0.3193	0.0000	0.4578	0.0001
2017-03-29 11:30:00	0.1284	37.8738	0.0049	0.3534	0.0000	0.4578	0.0001
2017-03-29 11:45:00	0.2005	37.8738	0.0076	0.4471	0.0001	0.4578	0.0002
2017-03-29 12:00:00	0.2336	37.8738	0.0088	0.5999	0.0001	0.4578	0.0002
2017-03-29 12:15:00	0.3456	37.8738	0.0131	0.7037	0.0002	0.4578	0.0003
2017-03-29 12:30:00	0.0471	37.8738	0.0018	0.5679	0.0000	0.4578	0.0000
2017-03-29 12:45:00	0.0382	37.8738	0.0014	0.4013	0.0000	0.4578	0.0000
2017-03-29 13:00:00	0.1180	37.8738	0.0045	0.4875	0.0001	0.4578	0.0001
2017-03-29 13:15:00	0.3357	37.8738	0.0127	0.5424	0.0002	0.4578	0.0003
2017-03-29 13:30:00	0.2139	37.8738	0.0081	0.6965	0.0001	0.4578	0.0002
2017-03-29 13:45:00	0.1001	37.8738	0.0038	0.5587	0.0001	0.4578	0.0001
2017-03-29 14:00:00	0.4773	37.8738	0.0181	0.0776	0.0000	0.4578	0.0004
2017-03-29 14:15:00	0.3525	37.8738	0.0134	0.3304	0.0001	0.4578	0.0003
2017-03-29 14:30:00	1.4697	37.8738	0.0557	0.1850	0.0003	0.4578	0.0013
2017-03-29 14:45:00	0.5003	37.8738 37.8738	0.0189 0.0137	0.1769	0.0001	0.4578	0.0004
2017-03-29 15:00:00	0.3623		0.0137	0.4228	0.0002	0.4578	0.0003
2017-03-29 15:15:00 2017-03-29 15:30:00	0.1858 0.1523	37.8738 37.8738	0.0070	0.6034 0.2415	0.0001 0.0000	0.4578 0.4578	0.0002 0.0001
2017-03-29 15:30:00	0.1523	37.8738 37.8738	0.0058	0.2415	0.0000	0.4578	0.0001
2017-03-29 15:45:00	0.8713	37.8738 37.8738	0.0230	0.0471	0.0000	0.4578	0.0008
2017-03-29 16:00:00	1.0471	37.8738 37.8738	0.0330	0.0049	0.0000	0.4578	0.0008
2017-03-29 16:15:00	1.4838	37.8738	0.0562	0.0269	0.0001	0.4578	0.0009
2017-03-29 16:30:00	1.4636	37.8738	0.0382	0.0631	0.0001	0.4578	0.0013
2017-03-29 16:45:00	1.6394	37.8738	0.0484	0.4376	0.0001	0.4578	0.0011
2017-03-29 17:00:00	4.1989	37.8738	0.1590	0.4370	0.0032	0.4578	0.0013
2017-03-29 17:13:00	4.2398	37.8738	0.1606	0.6694	0.0032	0.4578	0.0037
2017-03-29 17:30:00	2.7720	37.8738	0.1000	0.6725	0.0028	0.4578	0.0038
2017-03-29 17:43:00	3.1907	37.8738	0.1030	0.1976	0.0019	0.4578	0.0023
2017-03-29 18:00:00	1.1927	37.8738	0.0452	0.0890	0.0001	0.4578	0.0028
2017-03-29 18:13:00	1.4084	37.8738	0.0533	0.0437	0.0001	0.4578	0.0011
2017-03-29 18:45:00	1.7100	37.8738	0.0648	0.0000	0.0000	0.4578	0.0015
2017-03-29 19:00:00	1.1118	37.8738	0.0421	0.0234	0.0000	0.4578	0.0013
-01, 03 23 13.00.00			0.0421	0.0192	0.0000	0.4578	0.0010
2017-03-29 19:15:00	1.0857						
2017-03-29 19:15:00 2017-03-29 19:30:00	1.0857 1.3411	37.8738 37.8738					
2017-03-29 19:15:00 2017-03-29 19:30:00 2017-03-29 19:45:00	1.0857 1.3411 1.6942	37.8738 37.8738	0.0508 0.0642	0.0192 0.0192	0.0000 0.0000	0.4578 0.4578	0.0012 0.0015

Ust Sale S			Point Source Air F	missions - A2 Nitric	Acid Stack			
2007-010-7-2016-030	Parameter	Volumetric Flow Rate					N	20
2077-05-22 0-100		·						
2017-04-92-20-8-500 1-5775 37-8788 0.0796 0.0006 0.0001 0.4798 0.0011 0.4798 0.0011 0.4798 0.0011 0.4798 0.000								
2017-06-29-21-0000								
2027-0-9-2-21-15000								
2027-49-22-13-090								
2017-0-1-2-2 (1-15-00) 2-15-00								
2217-04-32 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								
2017-49-22 2215-00								
2027-0-19-22-22:00								
2017-04-92/2-05-000								
2017.08.39 23.15.00								
2017-819-23-30-000 3.778	2017-03-29 23:00:00	4.2267	37.8738	0.1601	0.0000	0.0000	0.4578	0.0038
2017-63-90 00000000000000000000000000000000000	2017-03-29 23:15:00	4.3708	37.8738	0.1655	0.0000	0.0000	0.4578	0.0039
2017-03-00-00-000	2017-03-29 23:30:00	4.3781	37.8738	0.1658	0.0000	0.0000	0.4578	0.0039
2017;43:90:03:00 2017;43:00:03:00 2017;43:00:03:00 2017;43:00:03:00 2017;43:00:00:00 1.2841 38.2788 0.0846 0.0275 0.0000 0.4578 0.0001 2017;43:00:00:00 1.2841 38.2788 0.0846 0.0275 0.0000 0.4578 0.0001 2017;43:00:00:00 2017;43:	2017-03-29 23:45:00	3.7203	37.8738	0.1409	0.0455	0.0002	0.4578	0.0033
2017/03-00-03-0000 20.117	2017-03-30 00:00:00	2.2841	37.8738	0.0865	0.0607	0.0001	0.4578	0.0020
2017;43:90:00:500 1.2841 37.8788 0.0769 0.07293 0.00791 0.00737 0.00773 0.00737 0.0073	2017-03-30 00:15:00	1.4273	37.8738	0.0541	0.0275	0.0000	0.4578	0.0013
2017(19-30 01:0000	2017-03-30 00:30:00	2.0317	37.8738	0.0769	0.0275	0.0001	0.4578	0.0018
2017-03-30-01-15-00	2017-03-30 00:45:00	1.2841	37.8738	0.0486	0.0275	0.0000	0.4578	0.0011
2017-03-001-3500	2017-03-30 01:00:00	1.9531	37.8738	0.0740	0.0293	0.0001	0.4578	0.0017
2017/03-30 07-8500								
2017-03-30/20000 1.4999 2017-03-00/201500 2017-03-00/203000 1.4891 37.8738 0.0889 0.3067 0.0006 0.4578 0.0001 2017-03-00/203000 1.4891 37.8738 0.0889 0.3067 0.0006 0.4578 0.0001 2017-03-00/203000 1.4891 37.8738 0.1229 0.0007 0.00000 0.4578 0.0001 0.4578 0.0001 2017-03-00/203000 0.37622 37.8738 0.1318 0.0007 0.00000 0.4578 0.0001 0.4578 0.0001 0.00000 0.4578 0.0001 0.4578 0.0003 2017-03-00/203000 0.24678 0.0003 2017-03-00/203000 0.24678 0.0003 2017-03-00/203000 0.24678 0.0003 2017-03-00/203000 0.4578 0.0003 2017-03-00/203000 0.00000 0.4578 0.0003 2017-03-00/203000 0.00000 0.4578 0.0003 2017-03-00/203000 0.00000 0.4578 0.0003 2017-03-00/203000 0.00000 0.4578 0.0003 2017-03-00/203000 0.00000 0.00000 0.4578 0.00000 0.00000 0.4578 0.00000 0.00000 0.4578 0.00000 0.00000 0.4578 0.00000 2017-03-00/203000 0.62011 0.73749 0.0033 0.00000 0.00000 0.4578 0.00000 0.00000 0.00000 0.4578 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000								
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2017-03-30 05:45:00								
2017-03-30 06:15:00								
2017-03-30 06:30:00	2017-03-30 06:00:00	0.3194	37.8738	0.0121	0.1780	0.0001	0.4578	0.0003
2017-03-30 06:45:00	2017-03-30 06:15:00	0.8767	37.8738	0.0332	0.1434	0.0001	0.4578	0.0008
2017-03-30 07:00:00	2017-03-30 06:30:00	0.6075	37.8738	0.0230	0.1778	0.0001	0.4578	0.0005
2017-03-30 07:15:00	2017-03-30 06:45:00	0.2123	37.8738	0.0080	0.2753	0.0001	0.4578	0.0002
2017-03-30 07:30-00	2017-03-30 07:00:00	0.0650	37.8738	0.0025	0.3240	0.0000	0.4578	0.0001
2017-03-30 07:45:00	2017-03-30 07:15:00	0.0000	37.8738	0.0000	0.3482	0.0000	0.4578	0.0000
2017-03-30 08:00:00	2017-03-30 07:30:00	0.1530	37.8738	0.0058	0.2295	0.0000	0.4578	0.0001
2017-03-30 08:15:00	2017-03-30 07:45:00	0.2936	37.8738	0.0111	0.1627	0.0000	0.4578	0.0003
2017-03-30 08:30:00	2017-03-30 08:00:00	0.3768		0.0143	0.1663	0.0001	0.4578	0.0003
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2017-03-30 13:30:00 0.3608 37.8738 0.0137 0.7418 0.0003 0.4578 0.0003 2017-03-30 13:45:00 0.2141 37.8738 0.0081 1.0401 0.0002 0.4578 0.0002 2017-03-30 14:00:00 0.1175 37.8738 0.0045 1.1333 0.0001 0.4578 0.0001 2017-03-30 14:15:00 0.0835 37.8738 0.0032 1.2006 0.0001 0.4578 0.0001 2017-03-30 14:30:00 0.0806 37.8738 0.0031 1.0600 0.0001 0.4578 0.0001	2017-03-30 13:00:00	0.0181	37.8738	0.0007	0.3824	0.0000	0.4578	0.0000
2017-03-30 13:45:00 0.2141 37.8738 0.0081 1.0401 0.0002 0.4578 0.0002 2017-03-30 14:00:00 0.1175 37.8738 0.0045 1.1333 0.0001 0.4578 0.0001 2017-03-30 14:15:00 0.0835 37.8738 0.0032 1.2006 0.0001 0.4578 0.0001 2017-03-30 14:30:00 0.0806 37.8738 0.0031 1.0600 0.0001 0.4578 0.0001	2017-03-30 13:15:00	0.0205	37.8738	0.0008	0.4647	0.0000	0.4578	0.0000
2017-03-30 14:00:00 0.1175 37.8738 0.0045 1.1333 0.0001 0.4578 0.0001 2017-03-30 14:15:00 0.0835 37.8738 0.0032 1.2006 0.0001 0.4578 0.0001 2017-03-30 14:30:00 0.0806 37.8738 0.0031 1.0600 0.0001 0.4578 0.0001	2017-03-30 13:30:00	0.3608	37.8738	0.0137	0.7418	0.0003	0.4578	0.0003
2017-03-30 14:15:00 0.0835 37.8738 0.0032 1.2006 0.0001 0.4578 0.0001 2017-03-30 14:30:00 0.0806 37.8738 0.0031 1.0600 0.0001 0.4578 0.0001	2017-03-30 13:45:00	0.2141	37.8738	0.0081	1.0401	0.0002	0.4578	0.0002
2017-03-30 14:30:00 0.0806 37.8738 0.0031 1.0600 0.0001 0.4578 0.0001	2017-03-30 14:00:00	0.1175	37.8738	0.0045	1.1333	0.0001	0.4578	0.0001
	2017-03-30 14:15:00	0.0835	37.8738	0.0032	1.2006	0.0001	0.4578	0.0001
2017-03-30 14:45:00								
	2017-03-30 14:45:00	0.0190	37.8738	0.0007	1.1559	0.0000	0.4578	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-30 15:00:00	0.1169	37.8738	0.0044	1.2009	0.0001	0.4578	0.0001
2017-03-30 15:15:00	0.1121	37.8738	0.0042	1.2274	0.0001	0.4578	0.0001
2017-03-30 15:30:00	0.0000	37.8738	0.0000	1.3249	0.0000	0.4578	0.0000
2017-03-30 15:45:00	0.0819	37.8738	0.0031	1.1451	0.0001	0.4578	0.0001
2017-03-30 16:00:00	0.1928	37.8738	0.0073	1.0006	0.0002	0.4578	0.0002
2017-03-30 16:15:00	0.8105	37.8738	0.0307	0.8241	0.0007	0.4578	0.0007
2017-03-30 16:30:00	2.9066	37.8738	0.1101	0.8998	0.0026	0.4578	0.0026
2017-03-30 16:45:00	1.9000	37.8738	0.0720	0.5230	0.0010	0.4578	0.0017
2017-03-30 17:00:00	3.4046	37.8738	0.1289	0.4666	0.0016	0.4578	0.0030
2017-03-30 17:15:00	3.5930	37.8738	0.1361	0.4588	0.0016	0.4578	0.0032
2017-03-30 17:30:00	3.4566	37.8738	0.1309	0.7724	0.0027	0.4578	0.0031
2017-03-30 17:45:00	2.7923	37.8738	0.1058	0.5511	0.0015	0.4578	0.0025
2017-03-30 18:00:00	3.2900	37.8738	0.1246	0.7812	0.0026	0.4578	0.0029
2017-03-30 18:15:00	2.5737	37.8738	0.0975	0.6385	0.0016	0.4578	0.0023
2017-03-30 18:30:00	1.4570	37.8738	0.0552	0.2129	0.0003	0.4578	0.0013
2017-03-30 18:45:00	1.2686	37.8738	0.0480	0.2169	0.0003	0.4578	0.0011
2017-03-30 19:00:00	0.5024	37.8738	0.0190	0.1536	0.0001	0.4578	0.0004
2017-03-30 19:15:00	0.9930	37.8738	0.0376	0.2809	0.0003	0.4578	0.0009
2017-03-30 19:30:00	0.6455	37.8738	0.0244	0.3387	0.0002	0.4578	0.0006
2017-03-30 19:45:00	0.8429	37.8738	0.0319	0.2723	0.0002	0.4578	0.0007
2017-03-30 20:00:00	0.9352	37.8738	0.0354	0.2277	0.0002	0.4578	0.0008
2017-03-30 20:15:00 2017-03-30 20:30:00	1.6865	37.8738	0.0639	0.4069	0.0007	0.4578	0.0015
2017-03-30 20:30:00 2017-03-30 20:45:00	1.9917 1.6892	37.8738 37.8738	0.0754 0.0640	0.7056 0.8404	0.0014 0.0014	0.4578	0.0018 0.0015
2017-03-30 20:45:00 2017-03-30 21:00:00	1.6892 2.8011	37.8738 37.8738	0.0640	0.8404	0.0014	0.4578 0.4578	0.0015
2017-03-30 21:00:00 2017-03-30 21:15:00	2.8011 3.8605	37.8738 37.8738	0.1061 0.1462	0.9725 1.0182	0.0027	0.4578	0.0025
2017-03-30 21:15:00	4.3224	37.8738	0.1462	1.0182	0.0039	0.4578	0.0034
2017-03-30 21:30:00	4.3637	37.8738	0.1657	0.7882	0.0043	0.4578	0.0038
2017-03-30 21:45:00	4.7201	37.8738	0.1653	0.7567	0.0034	0.4578	0.0039
2017-03-30 22:00:00	4.8431	37.8738	0.1788	0.7123	0.0034	0.4578	0.0042
2017-03-30 22:13:00	4.8431	37.8738	0.1834	0.6232	0.0030	0.4578	0.0043
2017-03-30 22:45:00	4.8431	37.8738	0.1834	0.5864	0.0038	0.4578	0.0043
2017-03-30 23:00:00	4.8431	37.8738	0.1834	0.5747	0.0028	0.4578	0.0043
2017-03-30 23:15:00	4.6621	37.8738	0.1766	0.5861	0.0027	0.4578	0.0043
2017-03-30 23:30:00	4.7430	37.8738	0.1796	0.5593	0.0027	0.4578	0.0041
2017-03-30 23:45:00	4.7511	37.8738	0.1799	0.4706	0.0022	0.4578	0.0042
2017-03-31 00:00:00	4.7511	37.8738	0.1799	0.4031	0.0019	0.4578	0.0042
2017-03-31 00:15:00	4.7511	37.8738	0.1799	0.3861	0.0018	0.4578	0.0042
2017-03-31 00:30:00	4.7511	37.8738	0.1799	0.3829	0.0018	0.4578	0.0042
2017-03-31 00:45:00	4.7511	37.8738	0.1799	0.4051	0.0019	0.4578	0.0042
2017-03-31 01:00:00	4.7511	37.8738	0.1799	0.4051	0.0019	0.4578	0.0042
2017-03-31 01:15:00	4.7511	37.8738	0.1799	0.3849	0.0018	0.4578	0.0042
2017-03-31 01:30:00	4.7511	37.8738	0.1799	0.1930	0.0009	0.4578	0.0042
2017-03-31 01:45:00	4.7511	37.8738	0.1799	0.2452	0.0012	0.4578	0.0042
2017-03-31 02:00:00	4.7511	37.8738	0.1799	0.5391	0.0026	0.4578	0.0042
2017-03-31 02:15:00	4.7511	37.8738	0.1799	0.6349	0.0030	0.4578	0.0042
2017-03-31 02:30:00	4.7027	37.8738	0.1781	0.5230	0.0025	0.4578	0.0042
2017-03-31 02:45:00	4.7174	37.8738	0.1787	0.4669	0.0022	0.4578	0.0042
2017-03-31 03:00:00	4.7511	37.8738	0.1799	0.4669	0.0022	0.4578	0.0042
2017-03-31 03:15:00	4.7511	37.8738	0.1799	0.5151	0.0024	0.4578	0.0042
2017-03-31 03:30:00	4.7511	37.8738	0.1799	0.5867	0.0028	0.4578	0.0042
2017-03-31 03:45:00	4.7511	37.8738	0.1799	0.5685	0.0027	0.4578	0.0042
2017-03-31 04:00:00	4.7511	37.8738	0.1799	0.6208	0.0029	0.4578	0.0042
2017-03-31 04:15:00	4.8855	37.8738	0.1850	0.5557	0.0027	0.4578	0.0043
2017-03-31 04:30:00	4.7643	37.8738	0.1804	0.5418	0.0026	0.4578	0.0042
2017-03-31 04:45:00	5.0357	37.8738	0.1907	0.6278	0.0032	0.4578	0.0045
2017-03-31 05:00:00	4.7643	37.8738	0.1804	0.6108	0.0029	0.4578	0.0042
2017-03-31 05:15:00	4.7643	37.8738	0.1804	0.6756	0.0032	0.4578	0.0042
2017-03-31 05:30:00	4.7643	37.8738	0.1804	0.6992	0.0033	0.4578	0.0042
2017-03-31 05:45:00	4.7643	37.8738	0.1804	0.6234	0.0030	0.4578	0.0042
2017-03-31 06:00:00	4.6745	37.8738	0.1770	0.5400	0.0025	0.4578	0.0042
2017-03-31 06:15:00	4.3540	37.8738	0.1649	0.5102	0.0022	0.4578	0.0039
2017-03-31 06:30:00	3.2472	37.8738	0.1230	0.5345	0.0017	0.4578	0.0029
2017-03-31 06:45:00	1.4497	37.8738	0.0549	0.7489	0.0011	0.4578	0.0013
2017-03-31 07:00:00	3.1955	37.8738	0.1210	0.8422	0.0027	0.4578	0.0028
2017-03-31 07:15:00	3.1157	37.8738	0.1180	0.7177	0.0022	0.4578	0.0028
2017-03-31 07:30:00	2.2772	37.8738	0.0862	0.6117	0.0014	0.4578	0.0020
2017-03-31 07:45:00	3.6971	37.8738	0.1400	0.4120	0.0015	0.4578	0.0033
2017-03-31 08:00:00	1.8420	37.8738	0.0698	0.2653	0.0005	0.4578	0.0016
2017-03-31 08:15:00	1.6763	37.8738	0.0635	0.7257	0.0012	0.4578	0.0015
2017-03-31 08:30:00	1.0795	37.8738	0.0409	0.7550	0.0008	0.4578	0.0010
2017-03-31 08:45:00	1.8657	37.8738	0.0707	0.3786	0.0007	0.4578	0.0017
2017 03 31 00.13.00			-				
2017-03-31 09:00:00	2.1391	37.8738	0.0810	0.2696	0.0006	0.4578	0.0019
	2.1391 1.5693	37.8738 37.8738	0.0810 0.0594	0.2696 0.6020	0.0006 0.0009	0.4578 0.4578	0.0019 0.0014

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-03-31 09:45:00	1.9193	37.8738	0.0727	0.6425	0.0012	0.4578	0.0017
2017-03-31 10:00:00	1.8951	37.8738	0.0718	0.5881	0.0011	0.4578	0.0017
2017-03-31 10:15:00	0.9595	37.8738	0.0363	0.4948	0.0005	0.4578	0.0009
2017-03-31 10:30:00	0.9903	37.8738	0.0375	0.2098	0.0002	0.4578	0.0009
2017-03-31 10:45:00	0.1141	37.8738	0.0043	0.0840	0.0000	0.4578	0.0001
2017-03-31 11:00:00	0.4829	37.8738	0.0183	0.0899	0.0000	0.4578	0.0004
2017-03-31 11:15:00	0.2636 0.6474	37.8738	0.0100	0.0412	0.0000	0.4578	0.0002
2017-03-31 11:30:00 2017-03-31 11:45:00	0.6474	37.8738 37.8738	0.0245 0.0274	0.3041 0.4512	0.0002 0.0003	0.4578 0.4578	0.0006 0.0006
2017-03-31 11:45:00		37.8738 37.8738		0.4512	0.0003		0.0006
2017-03-31 12:00:00	0.7551	37.8738 37.8738	0.0286 0.0212	0.7416	0.0006	0.4578	0.0007
2017-03-31 12:15:00	0.5605 0.3434	37.8738	0.0212	0.8403	0.0003	0.4578 0.4578	0.0003
2017-03-31 12:45:00	0.4674	37.8738	0.0130	0.8403	0.0003	0.4578	0.0003
2017-03-31 12:45:00	0.6186	37.8738	0.0177	0.8706	0.0003	0.4578	0.0004
2017-03-31 13:00:00	0.7941	37.8738	0.0301	0.3148	0.0002	0.4578	0.0003
2017-03-31 13:13:00	1.9985	37.8738	0.0301	0.3148	0.0002	0.4578	0.0007
2017-03-31 13:45:00	1.6651	37.8738	0.0631	0.1106	0.0002	0.4578	0.0018
2017-03-31 13:43:00	0.3212	37.8738	0.0122	0.0455	0.0001	0.4578	0.0013
2017-03-31 14:05:00	0.1770	37.8738	0.0122	0.0626	0.0000	0.4578	0.0003
2017-03-31 14:30:00	0.2800	37.8738	0.0106	0.0535	0.0000	0.4578	0.0002
2017-03-31 14:30:00	0.1904	37.8738	0.0106	0.0335	0.0000	0.4578	0.0002
2017-03-31 14:43:00	0.2703	37.8738	0.0072	0.0363	0.0000	0.4578	0.0002
2017-03-31 15:05:00	0.5434	37.8738	0.0102	0.0521	0.0000	0.4578	0.0002
2017-03-31 15:30:00	0.2564	37.8738	0.0097	0.0548	0.0000	0.4578	0.0003
2017-03-31 15:45:00	0.4076	37.8738	0.0154	0.1414	0.0001	0.4578	0.0002
2017-03-31 16:00:00	0.3702	37.8738	0.0140	0.0470	0.0000	0.4578	0.0003
2017-03-31 16:15:00	0.3941	37.8738	0.0149	0.0124	0.0000	0.4578	0.0004
2017-03-31 16:30:00	1.2246	37.8738	0.0464	0.0124	0.0000	0.4578	0.0011
2017-03-31 16:45:00	1.0634	37.8738	0.0403	0.0124	0.0000	0.4578	0.0009
2017-03-31 17:00:00	1.9013	37.8738	0.0720	0.0740	0.0001	0.4578	0.0017
2017-03-31 17:15:00	2.8029	37.8738	0.1062	0.2092	0.0006	0.4578	0.0025
2017-03-31 17:30:00	2.4720	37.8738	0.0936	0.0865	0.0002	0.4578	0.0022
2017-03-31 17:45:00	3.4155	37.8738	0.1294	0.7979	0.0027	0.4578	0.0030
2017-03-31 18:00:00	3.1009	37.8738	0.1174	0.2208	0.0007	0.4578	0.0028
2017-03-31 18:15:00	2.6839	37.8738	0.1016	0.0693	0.0002	0.4578	0.0024
2017-03-31 18:30:00	3.0557	37.8738	0.1157	0.0197	0.0001	0.4578	0.0027
2017-03-31 18:45:00	1.8714	37.8738	0.0709	0.0034	0.0000	0.4578	0.0017
2017-03-31 19:00:00	1.4231	37.8738	0.0539	0.0034	0.0000	0.4578	0.0013
2017-03-31 19:15:00	0.3765	37.8738	0.0143	0.0034	0.0000	0.4578	0.0003
2017-03-31 19:30:00	0.3852	37.8738	0.0146	0.0034	0.0000	0.4578	0.0003
2017-03-31 19:45:00	2.1764	37.8738	0.0824	0.0034	0.0000	0.4578	0.0019
2017-03-31 20:00:00	3.5708	37.8738	0.1352	0.0034	0.0000	0.4578	0.0032
2017-03-31 20:15:00	4.5769	37.8738	0.1733	0.0533	0.0002	0.4578	0.0041
2017-03-31 20:30:00	3.9550	37.8738	0.1498	0.5644	0.0022	0.4578	0.0035
2017-03-31 20:45:00	3.9897	37.8738	0.1511	0.1957	0.0008	0.4578	0.0035
2017-03-31 21:00:00	3.8213	37.8738	0.1447	0.1140	0.0004	0.4578	0.0034
2017-03-31 21:15:00	3.8994	37.8738	0.1477	0.1831	0.0007	0.4578	0.0035
2017-03-31 21:30:00	2.6858	37.8738	0.1017	0.2601	0.0007	0.4578	0.0024
2017-03-31 21:45:00	4.0508	37.8738	0.1534	0.0715	0.0003	0.4578	0.0036
2017-03-31 22:00:00	2.6597	37.8738	0.1007	0.0508	0.0001	0.4578	0.0024
2017-03-31 22:15:00	1.7103	37.8738	0.0648	0.0583	0.0001	0.4578	0.0015
2017-03-31 22:30:00	0.8147	37.8738	0.0309	0.1670	0.0001	0.4578	0.0007
2017-03-31 22:45:00	0.0230	37.8738	0.0009	0.4714	0.0000	0.4578	0.0000
2017-03-31 23:00:00	0.1624	37.8738	0.0062	0.2179	0.0000	0.4578	0.0001
2017-03-31 23:15:00	0.4453	37.8738	0.0169	0.0305	0.0000	0.4578	0.0004
2017-03-31 23:30:00	0.9370	37.8738	0.0355	0.0000	0.0000	0.4578	0.0008
2017-03-31 23:45:00	2.2525	37.8738	0.0853	0.0478	0.0001	0.4578	0.0020
2017-04-01 00:00:00	2.1468	37.8738	0.0813	0.2518	0.0005	0.4578	0.0019
2017-04-01 00:15:00	1.2895	37.8738	0.0488	0.2138	0.0003	0.4578	0.0011
2017-04-01 00:30:00	2.0177	37.8738	0.0764	0.8193	0.0017	0.4578	0.0018
2017-04-01 00:45:00	2.9907	37.8738	0.1133	0.9472	0.0028	0.4578	0.0027
2017-04-01 01:00:00	3.3027	37.8738	0.1251	0.9543	0.0032	0.4578	0.0029
2017-04-01 01:15:00	2.9248	37.8738	0.1108	0.8636	0.0025	0.4578	0.0026
2017-04-01 01:30:00	1.2144	37.8738	0.0460	0.7784	0.0009	0.4578	0.0011
2017-04-01 01:45:00	0.4582	37.8738	0.0174	0.7332	0.0003	0.4578	0.0004
2017-04-01 02:00:00	0.2776	37.8738	0.0105	0.6343	0.0002	0.4578	0.0002
2017-04-01 02:15:00	0.7126	37.8738	0.0270	0.0851	0.0001	0.4578	0.0006
2017-04-01 02:30:00	2.5447	37.8738	0.0964	0.0000	0.0000	0.4578	0.0023
2017-04-01 02:45:00	1.9948	37.8738	0.0756	0.0000	0.0000	0.4578	0.0018
2017-04-01 03:00:00	1.0832	37.8738	0.0410	0.0000	0.0000	0.4578	0.0010
	3.9291	37.8738	0.1488	0.0000	0.0000	0.4578	0.0035
2017-04-01 03:15:00							
2017-04-01 03:30:00	3.2567	37.8738	0.1233	0.0184	0.0001	0.4578	0.0029
2017-04-01 03:30:00 2017-04-01 03:45:00	4.3061	37.8738	0.1631	0.1420	0.0006	0.4578	0.0038
2017-04-01 03:30:00							

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-01 04:30:00	4.8723	37.8738	0.1845	0.1170	0.0006	0.4578	0.0043
2017-04-01 04:45:00	4.8792	37.8738	0.1848	0.2592	0.0013	0.4578	0.0043
2017-04-01 05:00:00	4.7784	37.8738	0.1810	0.4580	0.0022	0.4578	0.0042
2017-04-01 05:15:00	4.6265	37.8738	0.1752	0.4548	0.0021	0.4578	0.0041
2017-04-01 05:30:00	3.9030	37.8738	0.1478	0.6604	0.0026	0.4578	0.0035
2017-04-01 05:45:00	4.7479	37.8738	0.1798	0.7714	0.0037	0.4578	0.0042
2017-04-01 06:00:00	4.5917	37.8738	0.1739	0.6708	0.0031	0.4578	0.0041
2017-04-01 06:15:00	4.0308	37.8738	0.1527	0.5871	0.0024	0.4578	0.0036
2017-04-01 06:30:00	5.1375	37.8738	0.1946	0.5262	0.0027	0.4578	0.0046
2017-04-01 06:45:00	4.8740	37.8738	0.1846	0.7437	0.0036	0.4578	0.0043
2017-04-01 07:00:00	2.8591	37.8738	0.1083	0.8214	0.0023	0.4578	0.0025
2017-04-01 07:15:00	0.4559	37.8738	0.0173	0.7960	0.0004	0.4578	0.0004
2017-04-01 07:30:00	2.6261	37.8738	0.0995	0.7835	0.0021	0.4578	0.0023
2017-04-01 07:45:00	2.0486	37.8738	0.0776	1.0017	0.0021	0.4578	0.0018
2017-04-01 08:00:00	0.0753	37.8738	0.0029	0.8915	0.0001	0.4578	0.0001
2017-04-01 08:15:00	0.0364	37.8738	0.0014	0.8432	0.0000	0.4578	0.0000
2017-04-01 08:30:00	2.3841	37.8738	0.0903	0.7926	0.0019	0.4578	0.0021
2017-04-01 08:45:00 2017-04-01 09:00:00	4.0031	37.8738 37.8738	0.1516	0.5766	0.0023	0.4578	0.0036 0.0007
2017-04-01 09:00:00	0.7569	37.8738 37.8738	0.0287	0.2961	0.0002 0.0000	0.4578	
	0.0000		0.0000 0.0015	0.1102 0.0974	0.0000	0.4578	0.0000 0.0000
2017-04-01 09:30:00 2017-04-01 09:45:00	0.0393 0.0586	37.8738 37.8738	0.0015	0.0974	0.0000	0.4578 0.4578	0.0000
2017-04-01 09:45:00	0.0928	37.8738	0.0022	0.4092	0.0000	0.4578	0.0001
2017-04-01 10:00:00	0.1503	37.8738	0.0057	0.3373	0.0000	0.4578	0.0001
2017-04-01 10:15:00	0.0560	37.8738	0.0037	0.1191	0.0000	0.4578	0.0001
2017-04-01 10:45:00	0.0372	37.8738	0.0014	0.0160	0.0000	0.4578	0.0000
2017-04-01 11:00:00	0.0000	37.8738	0.0000	0.0300	0.0000	0.4578	0.0000
2017-04-01 11:15:00	0.0395	37.8738	0.0015	0.0392	0.0000	0.4578	0.0000
2017-04-01 11:30:00	0.1049	37.8738	0.0040	0.0519	0.0000	0.4578	0.0001
2017-04-01 11:45:00	0.1324	37.8738	0.0050	0.1781	0.0000	0.4578	0.0001
2017-04-01 12:00:00	0.0627	37.8738	0.0024	0.1410	0.0000	0.4578	0.0001
2017-04-01 12:15:00	0.0435	37.8738	0.0016	0.3352	0.0000	0.4578	0.0000
2017-04-01 12:30:00	0.4225	37.8738	0.0160	0.3179	0.0001	0.4578	0.0004
2017-04-01 12:45:00	0.9074	37.8738	0.0344	0.3706	0.0003	0.4578	0.0008
2017-04-01 13:00:00	1.9023	37.8738	0.0720	0.6040	0.0011	0.4578	0.0017
2017-04-01 13:15:00	1.5269	37.8738	0.0578	0.7379	0.0011	0.4578	0.0014
2017-04-01 13:30:00	2.0772	37.8738	0.0787	0.6383	0.0013	0.4578	0.0018
2017-04-01 13:45:00	1.1798	37.8738	0.0447	0.7822	0.0009	0.4578	0.0010
2017-04-01 14:00:00	1.1750	37.8738	0.0445	0.8035	0.0009	0.4578	0.0010
2017-04-01 14:15:00	1.7513	37.8738	0.0663	0.8322	0.0015	0.4578	0.0016
2017-04-01 14:30:00	2.7209	37.8738	0.1031	0.8147	0.0022	0.4578	0.0024
2017-04-01 14:45:00	1.6581	37.8738	0.0628	0.6448	0.0011	0.4578	0.0015
2017-04-01 15:00:00	2.4213	37.8738	0.0917	0.6571	0.0016	0.4578	0.0022
2017-04-01 15:15:00	1.7841	37.8738	0.0676	0.3135	0.0006	0.4578	0.0016
2017-04-01 15:30:00	3.2663	37.8738	0.1237	0.6861	0.0022	0.4578	0.0029
2017-04-01 15:45:00	2.3476	37.8738	0.0889	0.8481	0.0020	0.4578	0.0021
2017-04-01 16:00:00	1.4959	37.8738	0.0567	1.0027	0.0015	0.4578	0.0013
2017-04-01 16:15:00	2.4879	37.8738	0.0942	1.3232	0.0033	0.4578	0.0022
2017-04-01 16:30:00	2.2751	37.8738	0.0862	1.4904	0.0034	0.4578	0.0020
2017-04-01 16:45:00	2.7144	37.8738	0.1028	1.6244	0.0044	0.4578	0.0024
2017-04-01 17:00:00	3.8908	37.8738	0.1474	1.6081	0.0063	0.4578	0.0035
2017-04-01 17:15:00	3.7813	37.8738	0.1432	1.8153	0.0069	0.4578	0.0034
2017-04-01 17:30:00	3.7471	37.8738	0.1419	1.7668	0.0066	0.4578	0.0033
2017-04-01 17:45:00	3.4027	37.8738	0.1289	0.9227	0.0031	0.4578	0.0030
2017-04-01 18:00:00	3.4649	37.8738	0.1312	0.6644	0.0023	0.4578	0.0031
2017-04-01 18:15:00	3.5350	37.8738	0.1339	0.0566	0.0002	0.4578	0.0031
2017-04-01 18:30:00	3.5202	37.8738	0.1333	0.0529	0.0002	0.4578	0.0031
2017-04-01 18:45:00	4.0572	37.8738	0.1537	0.0529	0.0002	0.4578	0.0036
2017-04-01 19:00:00	3.9861	37.8738	0.1510	0.0529	0.0002	0.4578	0.0035
2017-04-01 19:15:00	3.9861	37.8738	0.1510	0.2234	0.0009	0.4578	0.0035
2017-04-01 19:30:00	3.9861	37.8738	0.1510	0.5701	0.0023	0.4578	0.0035
2017-04-01 19:45:00	4.3807	37.8738	0.1659	0.2346	0.0010	0.4578	0.0039
2017-04-01 20:00:00	4.3476	37.8738	0.1647	0.6472	0.0028	0.4578	0.0039
2017-04-01 20:15:00	4.4496	37.8738	0.1685	0.9185	0.0041	0.4578	0.0040
2017-04-01 20:30:00	4.4496	37.8738	0.1685	0.6002	0.0027	0.4578	0.0040
2017-04-01 20:45:00	4.4496	37.8738	0.1685	0.0118	0.0001	0.4578	0.0040
2017-04-01 21:00:00	4.4538	37.8738	0.1687	0.0062	0.0000	0.4578	0.0040
2017-04-01 21:15:00	4.5062	37.8738	0.1707	0.0062	0.0000	0.4578	0.0040
2017-04-01 21:30:00	4.5477	37.8738	0.1722	0.0062	0.0000	0.4578	0.0040
2017-04-01 21:45:00	3.8773	37.8738	0.1468	0.0053	0.0000	0.4578	0.0034
2017-04-01 22:00:00	3.5159	37.8738	0.1332	0.0000	0.0000	0.4578	0.0031
2017-04-01 22:15:00	2.7635	37.8738	0.1047	0.0000	0.0000	0.4578	0.0025
2017-04-01 22:30:00	3.6973	37.8738	0.1400	0.0304	0.0001	0.4578	0.0033
2017-04-01 22:45:00 2017-04-01 23:00:00	1.7341	37.8738	0.0657	0.3339	0.0006	0.4578	0.0015
	1.8229	37.8738	0.0690	0.0789	0.0001	0.4578	0.0016

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-01 23:15:00	1.6315	37.8738	0.0618	0.0466	0.0001	0.4578	0.0014
2017-04-01 23:30:00	1.5809	37.8738	0.0599	0.2333	0.0004	0.4578	0.0014
2017-04-01 23:45:00	0.0183	37.8738	0.0007	0.2177	0.0000	0.4578	0.0000
2017-04-02 00:00:00	0.0000	37.8738	0.0000	0.2505	0.0000	0.4578	0.0000
2017-04-02 00:15:00	0.0409	37.8738	0.0015	0.1298	0.0000	0.4578	0.0000
2017-04-02 00:30:00	0.3682	37.8738	0.0139	0.0338	0.0000	0.4578	0.0003
2017-04-02 00:45:00	0.0446	37.8738	0.0017	0.0192	0.0000	0.4578	0.0000
2017-04-02 01:00:00	0.3499	37.8738	0.0133	0.0192	0.0000	0.4578	0.0003
2017-04-02 01:15:00	0.0395	37.8738	0.0015	0.0192	0.0000	0.4578	0.0000
2017-04-02 01:30:00	0.1485	37.8738	0.0056	0.0192	0.0000	0.4578	0.0001
2017-04-02 01:45:00	0.6691	37.8738	0.0253	0.0192	0.0000	0.4578	0.0006
2017-04-02 02:00:00	0.9300	37.8738	0.0352	0.0235	0.0000	0.4578	0.0008
2017-04-02 02:15:00	2.2141	37.8738	0.0839	0.6691	0.0015	0.4578	0.0020
2017-04-02 02:30:00	0.4345	37.8738	0.0165	0.0769	0.0000	0.4578	0.0004
2017-04-02 02:45:00	0.1549	37.8738	0.0059	0.0522	0.0000	0.4578	0.0001
2017-04-02 03:00:00	1.6471	37.8738	0.0624	0.0522	0.0001	0.4578	0.0015
2017-04-02 03:15:00	3.7628	37.8738	0.1425	0.2303	0.0009	0.4578	0.0033
2017-04-02 03:30:00	2.8777	37.8738	0.1090	0.2533	0.0007	0.4578	0.0026
2017-04-02 03:45:00	3.4347	37.8738	0.1301	0.0346	0.0001	0.4578	0.0031
2017-04-02 04:00:00	3.2311	37.8738	0.1224	0.0089	0.0000	0.4578	0.0029
2017-04-02 04:15:00	3.7660	37.8738	0.1426	0.0089	0.0000	0.4578	0.0033
2017-04-02 04:30:00	3.5270	37.8738	0.1336 0.0683	0.0089 0.0089	0.0000 0.0000	0.4578 0.4578	0.0031 0.0016
2017-04-02 04:45:00 2017-04-02 05:00:00	1.8030 1.9836	37.8738 37.8738	0.0683	0.0089	0.0000	0.4578	0.0016
2017-04-02 05:00:00	1.9836 1.7563	37.8738 37.8738	0.0751	0.0089	0.0000	0.4578	0.0018
2017-04-02 05:15:00	1.5545	37.8738 37.8738	0.0665	0.0089	0.0000	0.4578	0.0016
2017-04-02 05:30:00	1.4215	37.8738	0.0538	0.0089	0.0000	0.4578	0.0014
2017-04-02 05:45:00	0.9351	37.8738	0.0354	0.0089	0.0000	0.4578	0.0013
2017-04-02 06:05:00	0.8744	37.8738	0.0334	0.2145	0.0002	0.4578	0.0008
2017-04-02 06:30:00	0.5409	37.8738	0.0205	0.2143	0.0002	0.4578	0.0008
2017-04-02 06:35:00	0.6950	37.8738	0.0263	0.1500	0.0001	0.4578	0.0003
2017-04-02 07:00:00	0.2111	37.8738	0.0080	0.2167	0.0000	0.4578	0.0002
2017-04-02 07:00:00	0.0776	37.8738	0.0029	0.2274	0.0000	0.4578	0.0002
2017-04-02 07:30:00	0.3698	37.8738	0.0140	0.0516	0.0000	0.4578	0.0001
2017-04-02 07:45:00	0.4667	37.8738	0.0177	0.0342	0.0000	0.4578	0.0003
2017-04-02 08:00:00	0.1419	37.8738	0.0054	0.0115	0.0000	0.4578	0.0001
2017-04-02 08:15:00	0.0786	37.8738	0.0030	0.0371	0.0000	0.4578	0.0001
2017-04-02 08:30:00	0.2720	37.8738	0.0103	0.0117	0.0000	0.4578	0.0002
2017-04-02 08:45:00	0.3333	37.8738	0.0126	0.0117	0.0000	0.4578	0.0002
2017-04-02 09:00:00	0.6045	37.8738	0.0229	0.0117	0.0000	0.4578	0.0005
2017-04-02 09:15:00	0.1860	37.8738	0.0070	0.0117	0.0000	0.4578	0.0002
2017-04-02 09:30:00	0.0000	37.8738	0.0000	0.0167	0.0000	0.4578	0.0000
2017-04-02 09:45:00	0.0000	37.8738	0.0000	0.0452	0.0000	0.4578	0.0000
2017-04-02 10:00:00	0.0000	37.8738	0.0000	0.0467	0.0000	0.4578	0.0000
2017-04-02 10:15:00	0.0000	37.8738	0.0000	0.0647	0.0000	0.4578	0.0000
2017-04-02 10:30:00	0.0000	37.8738	0.0000	0.1254	0.0000	0.4578	0.0000
2017-04-02 10:45:00	0.0000	37.8738	0.0000	0.1383	0.0000	0.4578	0.0000
2017-04-02 11:00:00	0.0000	37.8738	0.0000	0.1334	0.0000	0.4578	0.0000
2017-04-02 11:15:00	0.0000	37.8738	0.0000	0.1288	0.0000	0.4578	0.0000
2017-04-02 11:30:00	0.0000	37.8738	0.0000	0.1487	0.0000	0.4578	0.0000
2017-04-02 11:45:00	0.0000	37.8738	0.0000	0.1070	0.0000	0.4578	0.0000
2017-04-02 12:00:00	0.0000	37.8738	0.0000	0.0530	0.0000	0.4578	0.0000
2017-04-02 12:15:00	0.0000	37.8738	0.0000	0.0311	0.0000	0.4578	0.0000
2017-04-02 12:30:00	0.0000	37.8738	0.0000	0.0443	0.0000	0.4578	0.0000
2017-04-02 12:45:00	0.0000	37.8738	0.0000	0.0436	0.0000	0.4578	0.0000
2017-04-02 13:00:00	0.0000	37.8738	0.0000	0.0754	0.0000	0.4578	0.0000
2017-04-02 13:15:00	0.0181	37.8738	0.0007	0.0433	0.0000	0.4578	0.0000
2017-04-02 13:30:00	0.1216	37.8738	0.0046	0.0419	0.0000	0.4578	0.0001
2017-04-02 13:45:00	0.2564	37.8738	0.0097	0.0419	0.0000	0.4578	0.0002
2017-04-02 14:00:00	0.0567	37.8738	0.0021	0.0419	0.0000	0.4578	0.0001
2017-04-02 14:15:00	0.0388	37.8738	0.0015	0.0419	0.0000	0.4578	0.0000
2017-04-02 14:30:00	0.1024	37.8738	0.0039	0.0419	0.0000	0.4578	0.0001
2017-04-02 14:45:00	0.0000	37.8738	0.0000	0.0419	0.0000	0.4578	0.0000
2017-04-02 15:00:00	0.0993	37.8738	0.0038	0.0419	0.0000	0.4578	0.0001
2017-04-02 15:15:00	0.0380	37.8738	0.0014	0.0419	0.0000	0.4578	0.0000
2017-04-02 15:30:00	0.6215	37.8738	0.0235	0.0502	0.0000	0.4578	0.0006
2017-04-02 15:45:00	0.5250	37.8738	0.0199	0.0874	0.0000	0.4578	0.0005
2017-04-02 16:00:00	0.4094	37.8738	0.0155	0.2704	0.0001	0.4578	0.0004
2017-04-02 16:15:00	0.8750	37.8738	0.0331	0.5181	0.0005	0.4578	0.0008
2017-04-02 16:30:00	1.4806	37.8738	0.0561	0.5039	0.0007	0.4578	0.0013
2017-04-02 16:45:00	1.5816	37.8738	0.0599	0.4495	0.0007	0.4578	0.0014
2017-04-02 17:00:00	1.5042	37.8738	0.0570	0.3978	0.0006	0.4578	0.0013
2017-04-02 17:15:00	1.2638	37.8738	0.0479	0.3334	0.0004	0.4578	0.0011
2017-04-02 17.13.00							
2017-04-02 17:13:00	0.7566	37.8738	0.0287	0.2912	0.0002	0.4578	0.0007

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-02 18:00:00	0.2543	37.8738	0.0096	0.5456	0.0001	0.4578	0.0002
2017-04-02 18:15:00	0.0728	37.8738	0.0028	0.2897	0.0000	0.4578	0.0001
2017-04-02 18:30:00	0.1336	37.8738	0.0051	0.3157	0.0000	0.4578	0.0001
2017-04-02 18:45:00	0.3044	37.8738	0.0115	0.3166	0.0001	0.4578	0.0003
2017-04-02 19:00:00	1.0453	37.8738	0.0396	0.3056	0.0003	0.4578	0.0009
2017-04-02 19:15:00	2.3481	37.8738	0.0889	0.3443	0.0008	0.4578	0.0021
2017-04-02 19:30:00	3.3633	37.8738	0.1274	0.3536	0.0012	0.4578	0.0030
2017-04-02 19:45:00	3.6464	37.8738	0.1381	0.3761	0.0014	0.4578	0.0032
2017-04-02 20:00:00	3.7827	37.8738	0.1433	0.3379	0.0013	0.4578	0.0034
2017-04-02 20:15:00	3.8633	37.8738	0.1463	0.1903	0.0007	0.4578	0.0034
2017-04-02 20:30:00	3.9063	37.8738	0.1479	0.0133	0.0001	0.4578	0.0035
2017-04-02 20:45:00	3.9063	37.8738	0.1479	0.0039	0.0000	0.4578	0.0035
2017-04-02 21:00:00	3.9063	37.8738	0.1479	0.1809	0.0007	0.4578	0.0035
2017-04-02 21:15:00	3.9063	37.8738	0.1479	0.0246	0.0001	0.4578	0.0035
2017-04-02 21:30:00	3.9063	37.8738	0.1479	0.3095	0.0012	0.4578	0.0035
2017-04-02 21:45:00	3.9063	37.8738	0.1479	0.4849	0.0019	0.4578	0.0035
2017-04-02 22:00:00	3.9063	37.8738	0.1479	0.4202	0.0016	0.4578	0.0035
2017-04-02 22:15:00	4.1013	37.8738	0.1553	0.2615	0.0011	0.4578	0.0036
2017-04-02 22:30:00	4.1175	37.8738	0.1559	0.3085	0.0013	0.4578	0.0037
2017-04-02 22:45:00	3.8289	37.8738	0.1450	0.0804	0.0003	0.4578	0.0034
2017-04-02 23:00:00	2.5293	37.8738	0.0958	0.2577	0.0007	0.4578	0.0022
2017-04-02 23:15:00	1.5695	37.8738	0.0594 0.0975	0.4842 0.4782	0.0008 0.0012	0.4578 0.4578	0.0014 0.0023
2017-04-02 23:30:00 2017-04-02 23:45:00	2.5738 2.9063	37.8738 37.8738	0.0975	0.4782	0.0012	0.4578	0.0023
2017-04-02 23:45:00 2017-04-03 00:00:00	2.9063 3.6900	37.8738 37.8738	0.1101	0.3387	0.0010	0.4578	0.0026
2017-04-03 00:00:00	3.6900 4.0863	37.8738 37.8738	0.1398	0.0877	0.0003	0.4578	0.0033
2017-04-03 00:15:00	4.4304	37.8738	0.1548	0.2334	0.0010	0.4578	0.0039
2017-04-03 00:30:00	4.4304	37.8738	0.1554	0.8914	0.0039	0.4578	0.0039
2017-04-03 00:45:00	3.6310	37.8738	0.1354	0.8930	0.0037	0.4578	0.0038
2017-04-03 01:00:00	3.1297	37.8738	0.1373	0.7603	0.0028	0.4578	0.0032
2017-04-03 01:13:00	3.8634	37.8738	0.1163	0.2173	0.0007	0.4578	0.0028
2017-04-03 01:35:00	4.1388	37.8738	0.1568	0.0605	0.0003	0.4578	0.0034
2017-04-03 01:43:00	4.1891	37.8738	0.1587	0.0003	0.0003	0.4578	0.0037
2017-04-03 02:05:00	2.2348	37.8738	0.0846	0.0000	0.0000	0.4578	0.0020
2017-04-03 02:30:00	1.9648	37.8738	0.0744	0.0000	0.0000	0.4578	0.0017
2017-04-03 02:45:00	3.3742	37.8738	0.1278	0.0000	0.0000	0.4578	0.0030
2017-04-03 03:00:00	2.5531	37.8738	0.0967	0.0074	0.0000	0.4578	0.0023
2017-04-03 03:15:00	3.2723	37.8738	0.1239	0.0000	0.0000	0.4578	0.0029
2017-04-03 03:30:00	1.7040	37.8738	0.0645	0.0000	0.0000	0.4578	0.0025
2017-04-03 03:45:00	0.2676	37.8738	0.0101	0.0811	0.0000	0.4578	0.0002
2017-04-03 04:00:00	2.1101	37.8738	0.0799	0.0000	0.0000	0.4578	0.0019
2017-04-03 04:15:00	1.3401	37.8738	0.0508	0.0000	0.0000	0.4578	0.0012
2017-04-03 04:30:00	1.7280	37.8738	0.0654	0.0000	0.0000	0.4578	0.0015
2017-04-03 04:45:00	1.2452	37.8738	0.0472	0.0000	0.0000	0.4578	0.0011
2017-04-03 05:00:00	0.9978	37.8738	0.0378	0.0102	0.0000	0.4578	0.0009
2017-04-03 05:15:00	0.3771	37.8738	0.0143	0.0092	0.0000	0.4578	0.0003
2017-04-03 05:30:00	0.2808	37.8738	0.0106	0.0473	0.0000	0.4578	0.0002
2017-04-03 05:45:00	0.2282	37.8738	0.0086	0.0146	0.0000	0.4578	0.0002
2017-04-03 06:00:00	0.7374	37.8738	0.0279	0.0193	0.0000	0.4578	0.0007
2017-04-03 06:15:00	0.9716	37.8738	0.0368	0.0021	0.0000	0.4578	0.0009
2017-04-03 06:30:00	1.2658	37.8738	0.0479	0.0043	0.0000	0.4578	0.0011
2017-04-03 06:45:00	1.4390	37.8738	0.0545	0.0000	0.0000	0.4578	0.0013
2017-04-03 07:00:00	0.5541	37.8738	0.0210	0.0868	0.0000	0.4578	0.0005
2017-04-03 07:15:00	0.1981	37.8738	0.0075	0.1299	0.0000	0.4578	0.0002
2017-04-03 07:30:00	1.2126	37.8738	0.0459	0.1903	0.0002	0.4578	0.0011
2017-04-03 07:45:00	0.9002	37.8738	0.0341	0.0597	0.0001	0.4578	0.0008
2017-04-03 08:00:00	0.0388	37.8738	0.0015	0.0068	0.0000	0.4578	0.0000
2017-04-03 08:15:00	0.0659	37.8738	0.0025	0.0190	0.0000	0.4578	0.0001
2017-04-03 08:30:00	0.5593	37.8738	0.0212	0.0206	0.0000	0.4578	0.0005
2017-04-03 08:45:00	0.7668	37.8738	0.0290	0.0574	0.0000	0.4578	0.0007
2017-04-03 09:00:00	0.3165	37.8738	0.0120	0.1887	0.0001	0.4578	0.0003
2017-04-03 09:15:00	0.0000	37.8738	0.0000	0.2409	0.0000	0.4578	0.0000
2017-04-03 09:30:00	0.0000	37.8738	0.0000	0.1265	0.0000	0.4578	0.0000
2017-04-03 09:45:00	0.0182	37.8738	0.0007	0.0716	0.0000	0.4578	0.0000
2017-04-03 10:00:00	0.0463	37.8738	0.0018	0.0615	0.0000	0.4578	0.0000
2017-04-03 10:15:00	0.0000	37.8738	0.0000	0.0431	0.0000	0.4578	0.0000
2017-04-03 10:30:00	0.0000	37.8738	0.0000	0.0348	0.0000	0.4578	0.0000
2017-04-03 10:45:00	0.0000	37.8738	0.0000	0.0268	0.0000	0.4578	0.0000
2017-04-03 11:00:00	0.0000	37.8738	0.0000	0.0241	0.0000	0.4578	0.0000
2017-04-03 11:15:00	0.0391	37.8738	0.0015	0.0109	0.0000	0.4578	0.0000
2017-04-03 11:30:00	0.0000	37.8738	0.0000	0.0138	0.0000	0.4578	0.0000
2017-04-03 11:45:00	0.0225	37.8738	0.0009	0.0208	0.0000	0.4578	0.0000
				0.0000	0.0000	0.4570	0.0000
2017-04-03 12:00:00	0.0000	37.8738	0.0000	0.0203	0.0000	0.4578	0.0000
2017-04-03 12:00:00 2017-04-03 12:15:00	0.0000 0.0000	37.8738 37.8738	0.0000 0.0000	0.0203	0.0000	0.4578	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-03 12:45:00	0.0000	37.8738	0.0000	0.0263	0.0000	0.4578	0.0000
2017-04-03 13:00:00	0.0426	37.8738	0.0016	0.0573	0.0000	0.4578	0.0000
2017-04-03 13:15:00	0.1031	37.8738	0.0039	0.0971	0.0000	0.4578	0.0001
2017-04-03 13:30:00	0.3623	37.8738	0.0137	0.1603	0.0001	0.4578	0.0003
2017-04-03 13:45:00	0.0648	37.8738	0.0025	0.1258	0.0000	0.4578	0.0001
2017-04-03 14:00:00	0.0228	37.8738	0.0009	0.1121	0.0000	0.4578	0.0000
2017-04-03 14:15:00	0.0830	37.8738	0.0031	0.1575	0.0000	0.4578	0.0001
2017-04-03 14:30:00	0.4370	37.8738	0.0166	0.1628	0.0001	0.4578	0.0004
2017-04-03 14:45:00	0.3367	37.8738	0.0128	0.1326	0.0000	0.4578	0.0003
2017-04-03 15:00:00	0.2964	37.8738	0.0112	0.0687	0.0000	0.4578	0.0003
2017-04-03 15:15:00	0.2555	37.8738	0.0097	0.0952	0.0000	0.4578	0.0002
2017-04-03 15:30:00	0.4152	37.8738	0.0157	0.0208	0.0000	0.4578	0.0004
2017-04-03 15:45:00	0.4714	37.8738	0.0179	0.0000	0.0000	0.4578	0.0004
2017-04-03 16:00:00	0.8156	37.8738	0.0309	0.0059	0.0000	0.4578	0.0007
2017-04-03 16:15:00	0.2245	37.8738	0.0085	0.0293	0.0000	0.4578	0.0002
2017-04-03 16:30:00	0.8473	37.8738	0.0321	0.1332	0.0001	0.4578	0.0008
2017-04-03 16:45:00	1.6587	37.8738	0.0628	0.2019	0.0003	0.4578	0.0015
2017-04-03 17:00:00	1.4275	37.8738	0.0541	0.2335	0.0003	0.4578	0.0013
2017-04-03 17:15:00	2.1979	37.8738	0.0832	0.3083	0.0007	0.4578	0.0020
2017-04-03 17:30:00	0.6344	37.8738	0.0240	0.2258	0.0001	0.4578	0.0006
2017-04-03 17:45:00	0.1613	37.8738	0.0061	0.0542	0.0000	0.4578	0.0001
2017-04-03 18:00:00	0.1157	37.8738	0.0044	0.0014	0.0000	0.4578	0.0001
2017-04-03 18:15:00 2017-04-03 18:30:00	0.0000 0.0000	37.8738 37.8738	0.0000 0.0000	0.0014 0.0268	0.0000 0.0000	0.4578 0.4578	0.0000
2017-04-03 18:30:00 2017-04-03 18:45:00	0.0000 0.0580	37.8738 37.8738	0.0000	0.0268	0.0000	0.4578 0.4578	0.0000
2017-04-03 18:45:00	0.1955	37.8738	0.0022	0.1133	0.0000	0.4578	0.0001
2017-04-03 19:00:00	0.0202	37.8738	0.0074	0.1743	0.0000	0.4578	0.0002
2017-04-03 19:13:00	0.0202	37.8738	0.0050	0.1788	0.0000	0.4578	0.0000
2017-04-03 19:30:00	0.1858	37.8738	0.0030	0.2079	0.0000	0.4578	0.0001
2017-04-03 19:43:00	0.5380	37.8738	0.0204	0.2626	0.0001	0.4578	0.0002
2017-04-03 20:00:00	0.8139	37.8738	0.0308	0.2293	0.0001	0.4578	0.0003
2017-04-03 20:13:00	2.9432	37.8738	0.1115	0.2233	0.0002	0.4578	0.0026
2017-04-03 20:45:00	3.2571	37.8738	0.1113	0.2321	0.0008	0.4578	0.0020
2017-04-03 20:43:00	3.8086	37.8738	0.1442	0.0752	0.0003	0.4578	0.0023
2017-04-03 21:15:00	4.0333	37.8738	0.1528	0.0556	0.0003	0.4578	0.0034
2017-04-03 21:30:00	4.0333	37.8738	0.1528	0.0670	0.0003	0.4578	0.0036
2017-04-03 21:45:00	4.3741	37.8738	0.1657	0.1168	0.0005	0.4578	0.0039
2017-04-03 22:00:00	4.3253	37.8738	0.1638	0.0875	0.0004	0.4578	0.0038
2017-04-03 22:15:00	3.9286	37.8738	0.1488	0.0481	0.0002	0.4578	0.0035
2017-04-03 22:30:00	3.3776	37.8738	0.1279	0.0481	0.0002	0.4578	0.0030
2017-04-03 22:45:00	3.3092	37.8738	0.1253	0.0481	0.0002	0.4578	0.0029
2017-04-03 23:00:00	4.1565	37.8738	0.1574	0.0481	0.0002	0.4578	0.0037
2017-04-03 23:15:00	4.4363	37.8738	0.1680	0.0481	0.0002	0.4578	0.0039
2017-04-03 23:30:00	4.5020	37.8738	0.1705	0.0481	0.0002	0.4578	0.0040
2017-04-03 23:45:00	4.5059	37.8738	0.1707	0.0481	0.0002	0.4578	0.0040
2017-04-04 00:00:00	4.3994	37.8738	0.1666	0.0481	0.0002	0.4578	0.0039
2017-04-04 00:15:00	3.2853	37.8738	0.1244	0.0481	0.0002	0.4578	0.0029
2017-04-04 00:30:00	4.0652	37.8738	0.1540	0.0481	0.0002	0.4578	0.0036
2017-04-04 00:45:00	4.4326	37.8738	0.1679	0.0481	0.0002	0.4578	0.0039
2017-04-04 01:00:00	4.2762	37.8738	0.1620	0.0481	0.0002	0.4578	0.0038
2017-04-04 01:15:00	4.2321	37.8738	0.1603	0.0481	0.0002	0.4578	0.0038
2017-04-04 01:30:00	4.5330	37.8738	0.1717	0.0481	0.0002	0.4578	0.0040
2017-04-04 01:45:00	4.4235	37.8738	0.1675	0.0481	0.0002	0.4578	0.0039
2017-04-04 02:00:00	4.7030	37.8738	0.1781	0.0481	0.0002	0.4578	0.0042
2017-04-04 02:15:00	4.4666	37.8738	0.1692	0.0481	0.0002	0.4578	0.0040
2017-04-04 02:30:00	4.7247	37.8738	0.1789	0.0481	0.0002	0.4578	0.0042
2017-04-04 02:45:00	4.7026	37.8738	0.1781	0.0481	0.0002	0.4578	0.0042
2017-04-04 03:00:00	4.2589	37.8738	0.1613	0.0481	0.0002	0.4578	0.0038
2017-04-04 03:15:00	4.1962	37.8738	0.1589	0.0481	0.0002	0.4578	0.0037
2017-04-04 03:30:00	1.8047	37.8738	0.0684	0.0481	0.0001	0.4578	0.0016
2017-04-04 03:45:00	3.2330	37.8738	0.1224	0.0481	0.0002	0.4578	0.0029
2017-04-04 04:00:00	3.5851	37.8738	0.1358	0.0481	0.0002	0.4578	0.0032
2017-04-04 04:15:00	4.1020	37.8738	0.1554	0.0481	0.0002	0.4578	0.0036
2017-04-04 04:30:00	4.0985	37.8738	0.1552	0.0481	0.0002	0.4578	0.0036
2017-04-04 04:45:00	4.0772	37.8738	0.1544	0.0481	0.0002	0.4578	0.0036
2017-04-04 05:00:00	3.2863	37.8738	0.1245	0.0481	0.0002	0.4578	0.0029
2017-04-04 05:15:00	1.1890	37.8738	0.0450	0.0481	0.0001	0.4578	0.0011
2017-04-04 05:30:00	2.4126	37.8738	0.0914	0.0481	0.0001	0.4578	0.0021
2017-04-04 05:45:00	3.5968	37.8738	0.1362	0.0481	0.0002	0.4578	0.0032
2017-04-04 06:00:00	3.9867	37.8738	0.1510	0.0481	0.0002	0.4578	0.0035
2017-04-04 06:15:00	2.8667	37.8738	0.1086	0.0481	0.0001	0.4578	0.0025
2017-04-04 06:30:00	3.0039	37.8738	0.1138	0.0481	0.0001	0.4578	0.0027
			0.1017	0.0481	0.0001	0.4578	0.0024
2017-04-04 06:45:00	2.6856	37.8738	0.1017	0.0461	0.0001	0.4578	0.0024
2017-04-04 06:45:00 2017-04-04 07:00:00	2.6856 1.2692	37.8738 37.8738	0.1017	0.0481	0.0001	0.4578	0.0024

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-04 07:30:00	1.2197	37.8738	0.0462	0.0654	0.0001	0.4578	0.0011
2017-04-04 07:45:00	1.0608	37.8738	0.0402	0.0993	0.0001	0.4578	0.0009
2017-04-04 08:00:00	0.4896	37.8738	0.0185	0.1479	0.0001	0.4578	0.0004
2017-04-04 08:15:00	0.6691	37.8738	0.0253	0.2705	0.0002	0.4578	0.0006
2017-04-04 08:30:00	2.7554	37.8738	0.1044	0.3579	0.0010	0.4578	0.0024
2017-04-04 08:45:00	2.5456	37.8738	0.0964	0.5078	0.0013	0.4578	0.0023
2017-04-04 09:00:00	2.4847	37.8738	0.0941	0.4110	0.0010	0.4578	0.0022
2017-04-04 09:15:00	2.0519	37.8738	0.0777	0.2846	0.0006	0.4578	0.0018
2017-04-04 09:30:00	0.9883	37.8738	0.0374	0.0791	0.0001	0.4578	0.0009
2017-04-04 09:45:00	0.9227	37.8738	0.0349	0.0589	0.0001	0.4578	0.0008
2017-04-04 10:00:00	0.0714	37.8738	0.0027	0.0712	0.0000	0.4578	0.0001
2017-04-04 10:15:00	0.1143	37.8738	0.0043	0.1209	0.0000	0.4578	0.0001
2017-04-04 10:30:00	0.1171	37.8738	0.0044	0.1450	0.0000	0.4578	0.0001
2017-04-04 10:45:00	0.0380	37.8738	0.0014	0.2099	0.0000	0.4578	0.0000
2017-04-04 11:00:00	0.0189	37.8738	0.0007	0.2087	0.0000	0.4578	0.0000
2017-04-04 11:15:00	0.0000	37.8738	0.0000	0.3248	0.0000	0.4578	0.0000
2017-04-04 11:30:00	0.0000	37.8738	0.0000	0.3727	0.0000	0.4578	0.0000
2017-04-04 11:45:00	0.0000	37.8738	0.0000	0.4103	0.0000	0.4578	0.0000
2017-04-04 12:00:00	0.1543	37.8738	0.0058	0.1975	0.0000	0.4578	0.0001
2017-04-04 12:15:00	0.0374	37.8738	0.0014	0.2614	0.0000	0.4578	0.0000
2017-04-04 12:30:00	0.0451	37.8738	0.0017	0.2717	0.0000	0.4578	0.0000
2017-04-04 12:45:00 2017-04-04 13:00:00	0.0615 0.0614	37.8738 37.8738	0.0023 0.0023	0.1956 0.2706	0.0000 0.0000	0.4578 0.4578	0.0001 0.0001
2017-04-04 13:00:00 2017-04-04 13:15:00	0.0614	37.8738 37.8738	0.0023	0.2706	0.0000	0.4578	0.0001
2017-04-04 13:15:00 2017-04-04 13:30:00	0.0000	37.8738 37.8738	0.0000	0.2672	0.0000	0.4578	0.0000
2017-04-04 13:30:00 2017-04-04 13:45:00	0.4053 1.0321	37.8738 37.8738	0.0153	0.1456	0.0001	0.4578	0.0004
2017-04-04 13:45:00	0.2009	37.8738	0.0391	0.0946	0.0001	0.4578	0.0009
2017-04-04 14:00:00	0.2009	37.8738	0.0076	0.1137	0.0000	0.4578	0.0002
2017-04-04 14:15:00	0.7606	37.8738	0.0007	0.0087	0.0000	0.4578	0.0007
2017-04-04 14:45:00	0.4336	37.8738	0.0164	0.3027	0.0002	0.4578	0.0007
2017-04-04 14:43:00	0.4396	37.8738	0.0164	0.3166	0.0001	0.4578	0.0004
2017-04-04 15:05:00	0.2457	37.8738	0.0093	0.2805	0.0001	0.4578	0.0004
2017-04-04 15:13:00	0.2500	37.8738	0.0095	0.2803	0.0001	0.4578	0.0002
2017-04-04 15:45:00	0.5185	37.8738	0.0196	0.2181	0.0001	0.4578	0.0002
2017-04-04 16:00:00	0.2358	37.8738	0.0089	0.1947	0.0000	0.4578	0.0003
2017-04-04 16:15:00	0.2010	37.8738	0.0076	0.1640	0.0000	0.4578	0.0002
2017-04-04 16:30:00	0.1900	37.8738	0.0072	0.1506	0.0000	0.4578	0.0002
2017-04-04 16:45:00	0.5839	37.8738	0.0221	0.0993	0.0001	0.4578	0.0005
2017-04-04 17:00:00	0.9691	37.8738	0.0367	0.0597	0.0001	0.4578	0.0009
2017-04-04 17:15:00	1.3723	37.8738	0.0520	0.0522	0.0001	0.4578	0.0012
2017-04-04 17:30:00	0.2797	37.8738	0.0106	0.0595	0.0000	0.4578	0.0002
2017-04-04 17:45:00	0.0815	37.8738	0.0031	0.1155	0.0000	0.4578	0.0001
2017-04-04 18:00:00	0.0975	37.8738	0.0037	0.2290	0.0000	0.4578	0.0001
2017-04-04 18:15:00	0.0182	37.8738	0.0007	0.2308	0.0000	0.4578	0.0000
2017-04-04 18:30:00	0.0199	37.8738	0.0008	0.2389	0.0000	0.4578	0.0000
2017-04-04 18:45:00	0.0560	37.8738	0.0021	0.1728	0.0000	0.4578	0.0000
2017-04-04 19:00:00	0.0363	37.8738	0.0014	0.0984	0.0000	0.4578	0.0000
2017-04-04 19:15:00	0.4586	37.8738	0.0174	0.0690	0.0000	0.4578	0.0004
2017-04-04 19:30:00	2.1918	37.8738	0.0830	0.0351	0.0001	0.4578	0.0019
2017-04-04 19:45:00	3.3542	37.8738	0.1270	0.0316	0.0001	0.4578	0.0030
2017-04-04 20:00:00	3.6567	37.8738	0.1385	0.0316	0.0001	0.4578	0.0032
2017-04-04 20:15:00	3.6630	37.8738	0.1387	0.0316	0.0001	0.4578	0.0033
2017-04-04 20:30:00	4.1107	37.8738	0.1557	0.0316	0.0001	0.4578	0.0037
2017-04-04 20:45:00	4.1107	37.8738	0.1557	0.0316	0.0001	0.4578	0.0037
2017-04-04 21:00:00	4.1107	37.8738	0.1557	0.0316	0.0001	0.4578	0.0037
2017-04-04 21:15:00	4.1107	37.8738	0.1557	0.0316	0.0001	0.4578	0.0037
2017-04-04 21:30:00	4.1107	37.8738	0.1557	0.0316	0.0001	0.4578	0.0037
2017-04-04 21:45:00	4.1572	37.8738	0.1574	0.0316	0.0001	0.4578	0.0037
2017-04-04 22:00:00	4.5753	37.8738	0.1733	0.0316	0.0001	0.4578	0.0041
2017-04-04 22:15:00	4.5753	37.8738	0.1733	0.0316	0.0001	0.4578	0.0041
2017-04-04 22:30:00	4.5753	37.8738	0.1733	0.0316	0.0001	0.4578	0.0041
2017-04-04 22:45:00	4.5753	37.8738	0.1733	0.0316	0.0001	0.4578	0.0041
2017-04-04 23:00:00	4.5753	37.8738	0.1733	0.0316	0.0001	0.4578	0.0041
2017-04-04 23:15:00	3.4526	37.8738	0.1308	0.0316	0.0001	0.4578	0.0031
2017-04-04 23:30:00	2.6772	37.8738	0.1014	0.1673	0.0004	0.4578	0.0024
2017-04-04 23:45:00	4.3492	37.8738	0.1647	0.0662	0.0003	0.4578	0.0039
2017-04-05 00:00:00	4.3492	37.8738	0.1647	0.2453	0.0011	0.4578	0.0039
2017-04-05 00:15:00	4.6144	37.8738	0.1748	0.3424	0.0016	0.4578	0.0041
2017-04-05 00:30:00	4.7874	37.8738	0.1813	0.2986	0.0014	0.4578	0.0043
2017-04-05 00:45:00	4.3289	37.8738	0.1640	0.2273	0.0010	0.4578	0.0038
2017-04-05 01:00:00	4.3215	37.8738	0.1637	0.0680	0.0003	0.4578	0.0038
1	4.4016	37.8738	0.1667	0.0000	0.0000	0.4578	0.0039
2017-04-05 01:15:00							
2017-04-05 01:15:00 2017-04-05 01:30:00	3.5102	37.8738	0.1329	0.0000	0.0000	0.4578	0.0031
			0.1329 0.0304	0.0000 0.0000	0.0000 0.0000	0.4578 0.4578	0.0031 0.0007

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N2O		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-04-05 02:15:00	1.5928	37.8738	0.0603	0.0000	0.0000	0.4578	0.0014	
2017-04-05 02:30:00	3.9061	37.8738	0.1479	0.0000	0.0000	0.4578	0.0035	
2017-04-05 02:45:00	4.6105	37.8738	0.1746	0.0000	0.0000	0.4578	0.0041	
2017-04-05 03:00:00	4.4251	37.8738	0.1676	0.0000	0.0000	0.4578	0.0039	
2017-04-05 03:15:00	4.6224	37.8738	0.1751	0.0000	0.0000	0.4578	0.0041	
2017-04-05 03:30:00	4.6301	37.8738	0.1754	0.0000	0.0000	0.4578	0.0041	
2017-04-05 03:45:00	4.6855	37.8738	0.1775	0.0000	0.0000	0.4578	0.0042	
2017-04-05 04:00:00	4.6688	37.8738	0.1768	0.0000	0.0000	0.4578	0.0041	
2017-04-05 04:15:00	4.6165	37.8738	0.1748	0.0000	0.0000	0.4578	0.0041	
2017-04-05 04:30:00	4.4253	37.8738	0.1676	0.0000	0.0000	0.4578	0.0039	
2017-04-05 04:45:00	4.0348	37.8738	0.1528	0.0000	0.0000	0.4578	0.0036	
2017-04-05 05:00:00	4.3563	37.8738	0.1650	0.0000	0.0000	0.4578	0.0039	
2017-04-05 05:15:00	4.2428	37.8738	0.1607	0.0000	0.0000	0.4578	0.0038	
2017-04-05 05:30:00	4.5854	37.8738	0.1737	0.0000	0.0000	0.4578	0.0041	
2017-04-05 05:45:00	4.4290	37.8738	0.1677	0.0000	0.0000	0.4578	0.0039	
2017-04-05 06:00:00	3.9931	37.8738	0.1512	0.0000	0.0000	0.4578	0.0035	
2017-04-05 06:15:00	3.8483	37.8738	0.1458	0.0000	0.0000	0.4578	0.0034	
2017-04-05 06:30:00	4.4399	37.8738	0.1682	0.0790	0.0004	0.4578	0.0039	
2017-04-05 06:45:00	4.5891	37.8738	0.1738	0.4748	0.0022	0.4578	0.0041	
2017-04-05 07:00:00	2.3202	37.8738	0.0879	0.4546	0.0011	0.4578	0.0021	
2017-04-05 07:15:00	0.0370	37.8738	0.0014	0.1993	0.0000	0.4578	0.0000	
2017-04-05 07:30:00	2.4477	37.8738	0.0927	0.1032	0.0003	0.4578	0.0022	
2017-04-05 07:45:00	3.3898	37.8738	0.1284	0.0595	0.0002	0.4578	0.0030	
2017-04-05 08:00:00	0.7890	37.8738	0.0299	0.0110	0.0000	0.4578	0.0007	
2017-04-05 08:15:00	1.8710	37.8738	0.0709	0.0110	0.0000	0.4578	0.0017	
2017-04-05 08:30:00	4.2718	37.8738	0.1618	0.0110	0.0000	0.4578	0.0038	
2017-04-05 08:45:00	3.1958	37.8738	0.1210	0.0110	0.0000	0.4578	0.0028	
2017-04-05 09:00:00	3.8188	37.8738	0.1446	0.0110	0.0000	0.4578	0.0034	
2017-04-05 09:15:00	3.6599	37.8738	0.1386	0.0110	0.0000	0.4578	0.0033	
2017-04-05 09:30:00	2.2322	37.8738	0.0845	0.0110	0.0000	0.4578	0.0020	
2017-04-05 09:45:00	1.1266	37.8738	0.0427	0.0110	0.0000	0.4578	0.0010	
2017-04-05 10:00:00	0.7362	37.8738	0.0279	0.0110	0.0000	0.4578	0.0007	
2017-04-05 10:15:00	0.5563	37.8738	0.0211	0.0110	0.0000	0.4578	0.0005	
2017-04-05 10:30:00	0.0468	37.8738	0.0018	0.0110	0.0000	0.4578	0.0000	
2017-04-05 10:45:00	0.0000	37.8738	0.0000	0.0110	0.0000	0.4578	0.0000	
2017-04-05 11:00:00	0.0408	37.8738	0.0015	0.0110	0.0000	0.4578	0.0000	
2017-04-05 11:15:00	0.0197	37.8738	0.0007	0.0110	0.0000	0.4578	0.0000	
2017-04-05 11:30:00	0.0000	37.8738	0.0000	0.0110	0.0000	0.4578	0.0000	
2017-04-05 11:45:00	0.0000	37.8738	0.0000	0.0223	0.0000	0.4578	0.0000	
2017-04-05 12:00:00	0.0000	37.8738	0.0000	0.0220	0.0000	0.4578	0.0000	
2017-04-05 12:15:00	0.0000	37.8738	0.0000	0.0233	0.0000	0.4578	0.0000	
2017-04-05 12:30:00	0.0234	37.8738	0.0009	0.0270	0.0000	0.4578	0.0000	
2017-04-05 12:45:00	0.1200	37.8738	0.0045	0.0471	0.0000	0.4578	0.0001	
2017-04-05 13:00:00	0.0700	37.8738	0.0027	0.0705	0.0000	0.4578	0.0001	
2017-04-05 13:15:00	0.2152	37.8738	0.0082	0.0418	0.0000	0.4578	0.0002	
2017-04-05 13:30:00	0.7561	37.8738	0.0286	0.0336	0.0000	0.4578	0.0007	
2017-04-05 13:45:00	0.8688	37.8738	0.0329	0.0357	0.0000	0.4578	0.0008	
2017-04-05 14:00:00	0.1349	37.8738	0.0051	0.0357	0.0000	0.4578	0.0001	
2017-04-05 14:15:00	0.1418	37.8738	0.0054	0.0357	0.0000	0.4578	0.0001	
2017-04-05 14:30:00	0.0414	37.8738	0.0016	0.0357	0.0000	0.4578	0.0000	
2017-04-05 14:45:00	0.0810	37.8738	0.0031	0.0357	0.0000	0.4578	0.0001	
2017-04-05 15:00:00	0.0000	37.8738	0.0000	0.0253	0.0000	0.4578	0.0000	
2017-04-05 15:15:00	0.0196	37.8738	0.0007	0.0206	0.0000	0.4578	0.0000	
2017-04-05 15:30:00	0.0000	37.8738	0.0000	0.0206	0.0000	0.4578	0.0000	
2017-04-05 15:45:00	0.0183	37.8738	0.0007	0.0206	0.0000	0.4578	0.0000	
2017-04-05 16:00:00	0.0750	37.8738	0.0028	0.0206	0.0000	0.4578	0.0001	
2017-04-05 16:15:00	0.0721	37.8738	0.0027	0.0206	0.0000	0.4578	0.0001	
2017-04-05 16:30:00	0.1132	37.8738	0.0043	0.0206	0.0000	0.4578	0.0001	
2017-04-05 16:45:00	0.4761	37.8738	0.0180	0.0206	0.0000	0.4578	0.0004	
2017-04-05 17:00:00	0.1467	37.8738	0.0056	0.0206	0.0000	0.4578	0.0001	
2017-04-05 17:15:00	0.0436	37.8738	0.0017	0.0206	0.0000	0.4578	0.0000	
2017-04-05 17:30:00	0.1243	37.8738	0.0047	0.0206	0.0000	0.4578	0.0001	
		37.8738	0.0017	0.0206	0.0000	0.4578	0.0000	
					0.0000	0.4578	0.0000	
2017-04-05 17:45:00 2017-04-05 18:00:00	0.0436		0.0017	U.UZUD	5.0000		0.0000	
2017-04-05 18:00:00	0.0436 0.0447	37.8738	0.0017 0.0022	0.0206 0.0265	0.0000	0.4578	0.0001	
2017-04-05 18:00:00 2017-04-05 18:15:00	0.0436 0.0447 0.0577	37.8738 37.8738	0.0022	0.0265	0.0000	0.4578 0.4578	0.0001 0.0000	
2017-04-05 18:00:00 2017-04-05 18:15:00 2017-04-05 18:30:00	0.0436 0.0447 0.0577 0.0000	37.8738 37.8738 37.8738	0.0022 0.0000	0.0265 0.0233	0.0000	0.4578	0.0000	
2017-04-05 18:00:00 2017-04-05 18:15:00 2017-04-05 18:30:00 2017-04-05 18:45:00	0.0436 0.0447 0.0577 0.0000 0.0183	37.8738 37.8738 37.8738 37.8738	0.0022 0.0000 0.0007	0.0265 0.0233 0.1256	0.0000 0.0000	0.4578 0.4578	0.0000 0.0000	
2017-04-05 18:00:00 2017-04-05 18:15:00 2017-04-05 18:30:00 2017-04-05 18:45:00 2017-04-05 19:00:00	0.0436 0.0447 0.0577 0.0000 0.0183 0.0217	37.8738 37.8738 37.8738 37.8738 37.8738	0.0022 0.0000 0.0007 0.0008	0.0265 0.0233 0.1256 0.1015	0.0000 0.0000 0.0000	0.4578 0.4578 0.4578	0.0000 0.0000 0.0000	
2017-04-05 18:00:00 2017-04-05 18:15:00 2017-04-05 18:30:00 2017-04-05 18:45:00 2017-04-05 19:00:00 2017-04-05 19:15:00	0.0436 0.0447 0.0577 0.0000 0.0183 0.0217 0.0830	37.8738 37.8738 37.8738 37.8738 37.8738 37.8738	0.0022 0.0000 0.0007 0.0008 0.0031	0.0265 0.0233 0.1256 0.1015 0.1044	0.0000 0.0000 0.0000 0.0000	0.4578 0.4578 0.4578 0.4578	0.0000 0.0000 0.0000 0.0001	
2017-04-05 18:00:00 2017-04-05 18:15:00 2017-04-05 18:30:00 2017-04-05 18:45:00 2017-04-05 19:00:00 2017-04-05 19:15:00 2017-04-05 19:30:00	0.0436 0.0447 0.0577 0.0000 0.0183 0.0217 0.0830 0.2078	37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738	0.0022 0.0000 0.0007 0.0008 0.0031 0.0079	0.0265 0.0233 0.1256 0.1015 0.1044 0.2301	0.0000 0.0000 0.0000 0.0000 0.0000	0.4578 0.4578 0.4578 0.4578 0.4578	0.0000 0.0000 0.0000 0.0001 0.0002	
2017-04-05 18:00:00 2017-04-05 18:15:00 2017-04-05 18:30:00 2017-04-05 18:45:00 2017-04-05 19:00:00 2017-04-05 19:15:00 2017-04-05 19:30:00 2017-04-05 19:45:00	0.0436 0.0447 0.0577 0.0000 0.0183 0.0217 0.0830 0.2078 0.1110	37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738	0.0022 0.0000 0.0007 0.0008 0.0031 0.0079 0.0042	0.0265 0.0233 0.1256 0.1015 0.1044 0.2301 0.2148	0.0000 0.0000 0.0000 0.0000 0.0000	0.4578 0.4578 0.4578 0.4578 0.4578 0.4578	0.0000 0.0000 0.0000 0.0001 0.0002 0.0001	
2017-04-05 18:00:00 2017-04-05 18:15:00 2017-04-05 18:30:00 2017-04-05 18:45:00 2017-04-05 19:00:00 2017-04-05 19:15:00 2017-04-05 19:30:00 2017-04-05 19:45:00 2017-04-05 20:00:00	0.0436 0.0447 0.0577 0.0000 0.0183 0.0217 0.0830 0.2078 0.1110 0.1325	37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738	0.0022 0.0000 0.0007 0.0008 0.0031 0.0079 0.0042 0.0050	0.0265 0.0233 0.1256 0.1015 0.1044 0.2301 0.2148 0.2028	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.4578 0.4578 0.4578 0.4578 0.4578 0.4578 0.4578	0.0000 0.0000 0.0000 0.0001 0.0002 0.0001 0.0001	
2017-04-05 18:00:00 2017-04-05 18:15:00 2017-04-05 18:30:00 2017-04-05 18:45:00 2017-04-05 19:00:00 2017-04-05 19:15:00 2017-04-05 19:30:00 2017-04-05 19:45:00 2017-04-05 20:00:00 2017-04-05 20:15:00	0.0436 0.0447 0.0577 0.0000 0.0183 0.0217 0.0830 0.2078 0.1110 0.1325 0.1749	37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738	0.0022 0.0000 0.0007 0.0008 0.0031 0.0079 0.0042 0.0050 0.0066	0.0265 0.0233 0.1256 0.1015 0.1044 0.2301 0.2148 0.2028 0.2113	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.4578 0.4578 0.4578 0.4578 0.4578 0.4578 0.4578 0.4578	0.0000 0.0000 0.0000 0.0001 0.0002 0.0001 0.0001	
2017-04-05 18:00:00 2017-04-05 18:15:00 2017-04-05 18:30:00 2017-04-05 18:45:00 2017-04-05 19:00:00 2017-04-05 19:15:00 2017-04-05 19:30:00 2017-04-05 19:45:00 2017-04-05 20:00:00	0.0436 0.0447 0.0577 0.0000 0.0183 0.0217 0.0830 0.2078 0.1110 0.1325	37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738 37.8738	0.0022 0.0000 0.0007 0.0008 0.0031 0.0079 0.0042 0.0050	0.0265 0.0233 0.1256 0.1015 0.1044 0.2301 0.2148 0.2028	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.4578 0.4578 0.4578 0.4578 0.4578 0.4578 0.4578	0.0000 0.0000 0.0000 0.0001 0.0002 0.0001 0.0001	

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-04-05 21:00:00	2.3946	37.8738	0.0907	0.4205	0.0010	0.4578	0.0021	
2017-04-05 21:15:00	2.8565	37.8738	0.1082	0.4264	0.0012	0.4578	0.0025	
2017-04-05 21:30:00	2.8826	37.8738	0.1092	0.4140	0.0012	0.4578	0.0026	
2017-04-05 21:45:00	3.5696	37.8738	0.1352	0.4655 0.4477	0.0017 0.0017	0.4578 0.4578	0.0032 0.0034	
2017-04-05 22:00:00 2017-04-05 22:15:00	3.8792 4.1413	37.8738 37.8738	0.1469 0.1568	0.4477	0.0017	0.4578	0.0034	
2017-04-05 22:13:00	4.1413	37.8738	0.1568	0.3497	0.0014	0.4578	0.0037	
2017-04-05 22:45:00	4.3623	37.8738	0.1568	0.2538	0.0011	0.4578	0.0037	
2017-04-05 22:43:00	4.6028	37.8738	0.1032	0.1657	0.0007	0.4578	0.0039	
2017-04-05 23:00:00	4.6028	37.8738	0.1743	0.2574	0.0008	0.4578	0.0041	
2017-04-05 23:30:00	4.6028	37.8738	0.1743	0.2362	0.0011	0.4578	0.0041	
2017-04-05 23:45:00	4.6028	37.8738	0.1743	0.1755	0.0008	0.4578	0.0041	
2017-04-06 00:00:00	4.6028	37.8738	0.1743	0.1863	0.0009	0.4578	0.0041	
2017-04-06 00:15:00	4.6028	37.8738	0.1743	0.4663	0.0021	0.4578	0.0041	
2017-04-06 00:30:00	4.6028	37.8738	0.1743	0.4265	0.0020	0.4578	0.0041	
2017-04-06 00:45:00	4.6028	37.8738	0.1743	0.3790	0.0017	0.4578	0.0041	
2017-04-06 01:00:00	4.6028	37.8738	0.1743	0.2107	0.0010	0.4578	0.0041	
2017-04-06 01:15:00	4.6028	37.8738	0.1743	0.2241	0.0010	0.4578	0.0041	
2017-04-06 01:30:00	4.6028	37.8738	0.1743	0.3171	0.0015	0.4578	0.0041	
2017-04-06 01:45:00	4.6028	37.8738	0.1743	0.5962	0.0027	0.4578	0.0041	
2017-04-06 02:00:00	4.6028	37.8738	0.1743	0.6915	0.0032	0.4578	0.0041	
2017-04-06 02:15:00	4.6028	37.8738	0.1743	0.7176	0.0033	0.4578	0.0041	
2017-04-06 02:30:00	4.6028	37.8738	0.1743	0.5874	0.0027	0.4578	0.0041	
2017-04-06 02:45:00	4.6028	37.8738	0.1743	0.5868	0.0027	0.4578	0.0041	
2017-04-06 03:00:00	4.6612	37.8738	0.1765	0.5427	0.0025	0.4578	0.0041	
2017-04-06 03:15:00	4.6797	37.8738	0.1772	0.5828	0.0027	0.4578	0.0042	
2017-04-06 03:30:00	4.6892	37.8738	0.1776	0.6741	0.0032	0.4578	0.0042	
2017-04-06 03:45:00	4.2774	37.8738	0.1620	0.7673	0.0033	0.4578	0.0038	
2017-04-06 04:00:00	4.2355	37.8738	0.1604	0.4499	0.0019	0.4578	0.0038	
2017-04-06 04:15:00	3.9780	37.8738	0.1507	0.1013	0.0004	0.4578	0.0035	
2017-04-06 04:30:00	3.9978	37.8738	0.1514	0.0227	0.0001	0.4578	0.0036	
2017-04-06 04:45:00	4.4961	37.8738	0.1703	0.0227	0.0001	0.4578	0.0040	
2017-04-06 05:00:00	4.5006	37.8738	0.1705	0.0227	0.0001	0.4578	0.0040	
2017-04-06 05:15:00	4.3793	37.8738	0.1659	0.0227	0.0001	0.4578	0.0039	
2017-04-06 05:30:00	4.2061	37.8738	0.1593	0.0227	0.0001	0.4578	0.0037	
2017-04-06 05:45:00	4.3039	37.8738	0.1630	0.0227	0.0001	0.4578	0.0038	
2017-04-06 06:00:00	3.1231	37.8738	0.1183	0.0227	0.0001	0.4578	0.0028	
2017-04-06 06:15:00	1.9822	37.8738	0.0751	0.0227	0.0000	0.4578	0.0018	
2017-04-06 06:30:00	3.0600	37.8738	0.1159	0.0227	0.0001	0.4578	0.0027	
2017-04-06 06:45:00	3.6013	37.8738	0.1364	0.0227	0.0001	0.4578	0.0032	
2017-04-06 07:00:00	3.6887	37.8738	0.1397	0.0227	0.0001	0.4578	0.0033	
2017-04-06 07:15:00	2.6181	37.8738	0.0992	0.0227	0.0001	0.4578	0.0023	
2017-04-06 07:30:00	2.1936	37.8738	0.0831	0.0227	0.0000	0.4578	0.0019	
2017-04-06 07:45:00	3.4747	37.8738	0.1316	0.0248	0.0001	0.4578	0.0031	
2017-04-06 08:00:00	1.8017	37.8738	0.0682	0.0314	0.0001	0.4578	0.0016	
2017-04-06 08:15:00	3.1114	37.8738	0.1178	0.0616	0.0002	0.4578	0.0028	
2017-04-06 08:30:00	3.4676	37.8738	0.1313	0.0654	0.0002	0.4578	0.0031	
2017-04-06 08:45:00	3.5160	37.8738	0.1332	0.3113	0.0011	0.4578	0.0031	
2017-04-06 09:00:00	3.1460	37.8738	0.1192	0.3781	0.0012	0.4578	0.0028	
2017-04-06 09:15:00	2.8546	37.8738	0.1081	0.1527	0.0004	0.4578	0.0025	
2017-04-06 09:30:00	2.5082	37.8738	0.0950	0.0549	0.0001	0.4578	0.0022	
2017-04-06 09:45:00 2017-04-06 10:00:00	2.5309 2.3955	37.8738 37.8738	0.0959 0.0907	0.0549 0.0472	0.0001 0.0001	0.4578 0.4578	0.0022 0.0021	
2017-04-06 10:00:00	2.3955 1.8400	37.8738 37.8738	0.0907	0.0472	0.0001	0.4578	0.0021	
2017-04-06 10:13:00	0.5778	37.8738	0.0897	0.2426	0.0001	0.4578	0.0016	
2017-04-06 10:30:00	0.0618	37.8738	0.0219	0.2426	0.0001	0.4578	0.0003	
2017-04-06 11:00:00	0.1845	37.8738	0.0023	0.0649	0.0000	0.4578	0.0001	
2017-04-06 11:00:00	0.0000	37.8738	0.0070	0.0649	0.0000	0.4578	0.0002	
2017-04-06 11:13:00	0.0000	37.8738	0.0000	0.0295	0.0000	0.4578	0.0000	
2017-04-06 11:35:00	0.0000	37.8738	0.0000	0.0295	0.0000	0.4578	0.0000	
2017-04-06 12:00:00	0.0193	37.8738	0.0007	0.0293	0.0000	0.4578	0.0000	
2017-04-06 12:05:00	0.0162	37.8738	0.0007	0.0282	0.0000	0.4578	0.0000	
2017-04-06 12:13:00	0.1261	37.8738	0.0048	0.0387	0.0000	0.4578	0.0001	
2017-04-06 12:45:00	0.3358	37.8738	0.0127	0.0522	0.0000	0.4578	0.0001	
2017-04-06 13:00:00	0.1877	37.8738	0.0071	0.0519	0.0000	0.4578	0.0003	
2017-04-06 13:15:00	0.1545	37.8738	0.0059	0.0728	0.0000	0.4578	0.0001	
2017-04-06 13:13:00	1.2837	37.8738	0.0486	0.1098	0.0001	0.4578	0.0011	
2017-04-06 13:45:00	1.2154	37.8738	0.0460	0.1308	0.0002	0.4578	0.0011	
2017-04-06 14:00:00	0.0773	37.8738	0.0029	0.0609	0.0002	0.4578	0.0001	
2017-04-06 14:15:00	0.0000	37.8738	0.0000	0.0096	0.0000	0.4578	0.0000	
2017-04-06 14:30:00	0.0580	37.8738	0.0022	0.0237	0.0000	0.4578	0.0001	
	0.0758	37.8738	0.0029	0.0852	0.0000	0.4578	0.0001	
2017-04-06 14:45:00								
2017-04-06 14:45:00	0.5365	37.8738	0.0203	0.1334	0.0001	0.4578	0.0005	
	0.5365 0.5723	37.8738 37.8738	0.0203 0.0217	0.1334 0.1654	0.0001 0.0001	0.4578 0.4578	0.0005 0.0005	

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N2O		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-04-06 15:45:00	0.4069	37.8738	0.0154	0.1429	0.0001	0.4578	0.0004	
2017-04-06 16:00:00	1.0020	37.8738	0.0380	0.1461	0.0001	0.4578	0.0009	
2017-04-06 16:15:00	0.6004	37.8738	0.0227	0.0795	0.0000	0.4578	0.0005	
2017-04-06 16:30:00	0.9080	37.8738	0.0344	0.1366	0.0001	0.4578	0.0008	
2017-04-06 16:45:00	0.9397	37.8738	0.0356	0.1859	0.0002	0.4578	0.0008	
2017-04-06 17:00:00	1.4809	37.8738	0.0561	0.1787	0.0003	0.4578	0.0013	
2017-04-06 17:15:00	2.0395	37.8738	0.0772 0.0262	0.1254 0.1905	0.0003	0.4578	0.0018	
2017-04-06 17:30:00 2017-04-06 17:45:00	0.6919 0.1702	37.8738 37.8738	0.0262	0.1905	0.0001 0.0000	0.4578 0.4578	0.0006 0.0002	
		37.8738 37.8738		0.2935	0.0000		0.0002	
2017-04-06 18:00:00	0.0221	37.8738 37.8738	0.0008 0.0007	0.3089	0.0000	0.4578	0.0000	
2017-04-06 18:15:00	0.0184 0.1470	37.8738	0.0007	0.3201	0.0000	0.4578 0.4578	0.0000	
2017-04-06 18:30:00	0.1470	37.8738	0.0056	0.1530	0.0000	0.4578	0.0001	
2017-04-06 18:45:00 2017-04-06 19:00:00	0.1777	37.8738	0.0067	0.0556	0.0000	0.4578	0.0002	
2017-04-06 19:15:00	0.7265	37.8738	0.0013	0.0556	0.0000	0.4578	0.0006	
2017-04-06 19:30:00	1.9087	37.8738	0.0723	0.0582	0.0001	0.4578	0.0000	
2017-04-06 19:45:00	3.4982	37.8738	0.1325	0.2107	0.0001	0.4578	0.0017	
2017-04-06 19:43:00	4.1436	37.8738	0.1523	0.1469	0.0007	0.4578	0.0031	
2017-04-06 20:05:00	3.9952	37.8738	0.1509	0.2341	0.0009	0.4578	0.0037	
2017-04-06 20:30:00	3.6026	37.8738	0.1313	0.1960	0.0009	0.4578	0.0033	
2017-04-06 20:45:00	2.6012	37.8738	0.0985	0.1879	0.0007	0.4578	0.0032	
2017-04-06 20:45:00	0.5631	37.8738	0.0983	0.1879	0.0003	0.4578	0.0023	
2017-04-06 21:15:00	1.7990	37.8738	0.0681	0.0848	0.0002	0.4578	0.0003	
2017-04-06 21:30:00	3.3187	37.8738	0.1257	0.1394	0.0002	0.4578	0.0010	
2017-04-06 21:45:00	1.6452	37.8738	0.0623	0.0915	0.0003	0.4578	0.0025	
2017-04-06 22:00:00	3.2284	37.8738	0.1223	0.0817	0.0002	0.4578	0.0013	
2017-04-06 22:15:00	3.5824	37.8738	0.1357	0.1009	0.0004	0.4578	0.0032	
2017-04-06 22:30:00	2.8940	37.8738	0.1096	0.1657	0.0005	0.4578	0.0026	
2017-04-06 22:45:00	3.1247	37.8738	0.1183	0.2402	0.0008	0.4578	0.0028	
2017-04-06 23:00:00	4.0285	37.8738	0.1526	0.2750	0.0011	0.4578	0.0036	
2017-04-06 23:15:00	4.2572	37.8738	0.1612	0.3312	0.0014	0.4578	0.0038	
2017-04-06 23:30:00	4.5753	37.8738	0.1733	0.3694	0.0017	0.4578	0.0041	
2017-04-06 23:45:00	4.8647	37.8738	0.1842	0.4250	0.0021	0.4578	0.0043	
2017-04-07 00:00:00	5.0346	37.8738	0.1907	0.3503	0.0018	0.4578	0.0045	
2017-04-07 00:15:00	5.0346	37.8738	0.1907	0.3400	0.0017	0.4578	0.0045	
2017-04-07 00:30:00	5.0346	37.8738	0.1907	0.2949	0.0015	0.4578	0.0045	
2017-04-07 00:45:00	5.0346	37.8738	0.1907	0.2475	0.0012	0.4578	0.0045	
2017-04-07 01:00:00	5.0346	37.8738	0.1907	0.1984	0.0010	0.4578	0.0045	
2017-04-07 01:15:00	5.0346	37.8738	0.1907	0.0325	0.0002	0.4578	0.0045	
2017-04-07 01:30:00	4.7734	37.8738	0.1808	0.0561	0.0003	0.4578	0.0042	
2017-04-07 01:45:00	4.4969	37.8738	0.1703	0.0417	0.0002	0.4578	0.0040	
2017-04-07 02:00:00	4.4540	37.8738	0.1687	0.0268	0.0001	0.4578	0.0040	
2017-04-07 02:15:00	4.3799	37.8738	0.1659	0.0268	0.0001	0.4578	0.0039	
2017-04-07 02:30:00	4.2189	37.8738	0.1598	0.0319	0.0001	0.4578	0.0037	
2017-04-07 02:45:00	4.4753	37.8738	0.1695	0.0254	0.0001	0.4578	0.0040	
2017-04-07 03:00:00	4.6100	37.8738	0.1746	0.0254	0.0001	0.4578	0.0041	
2017-04-07 03:15:00	3.5892	37.8738	0.1359	0.0254	0.0001	0.4578	0.0032	
2017-04-07 03:30:00	4.0846	37.8738	0.1547	0.0367	0.0002	0.4578	0.0036	
2017-04-07 03:45:00	4.3307	37.8738	0.1640	0.0454	0.0002	0.4578	0.0038	
2017-04-07 04:00:00	4.5024	37.8738	0.1705	0.0254	0.0001	0.4578	0.0040	
2017-04-07 04:15:00	4.6074	37.8738	0.1745	0.0254	0.0001	0.4578	0.0041	
2017-04-07 04:30:00	4.7425	37.8738	0.1796	0.0254	0.0001	0.4578	0.0042	
2017-04-07 04:45:00	4.7780	37.8738	0.1810	0.0501	0.0002	0.4578	0.0042	
2017-04-07 05:00:00	4.6639	37.8738	0.1766	0.1828	0.0009	0.4578	0.0041	
2017-04-07 05:15:00	4.6531	37.8738	0.1762	0.1653	0.0008	0.4578	0.0041	
2017-04-07 05:30:00	4.2323	37.8738	0.1603	0.0411	0.0002	0.4578	0.0038	
2017-04-07 05:45:00	4.6236	37.8738	0.1751	0.0893	0.0004	0.4578	0.0041	
2017-04-07 06:00:00	4.0755	37.8738	0.1544	0.1432	0.0006	0.4578	0.0036	
2017-04-07 06:15:00	4.4706	37.8738	0.1693	0.1954	0.0009	0.4578	0.0040	
2017-04-07 06:30:00	4.1128	37.8738	0.1558	0.1879	0.0008	0.4578	0.0037	
2017-04-07 06:45:00	4.7065	37.8738	0.1783	0.1045	0.0005	0.4578	0.0042	
2017-04-07 07:00:00	4.1386	37.8738	0.1567	0.0254	0.0001	0.4578	0.0037	
2017-04-07 07:15:00	4.5463	37.8738	0.1722	0.0254	0.0001	0.4578	0.0040	
2017-04-07 07:30:00	4.5333	37.8738	0.1717	0.0254	0.0001	0.4578	0.0040	
2017-04-07 07:45:00	4.5267	37.8738	0.1714	0.0254	0.0001	0.4578	0.0040	
2017-04-07 08:00:00	4.6165	37.8738	0.1748	0.0254	0.0001	0.4578	0.0041	
2017-04-07 08:15:00	4.6165	37.8738	0.1748	0.0254	0.0001	0.4578	0.0041	
2017-04-07 08:30:00	4.6187	37.8738	0.1749	0.0254	0.0001	0.4578	0.0041	
2017-04-07 08:45:00	4.7258	37.8738	0.1790	0.0738	0.0003	0.4578	0.0042	
2017-04-07 09:00:00	4.6681	37.8738	0.1768	0.0311	0.0001	0.4578	0.0041	
2017-04-07 09:15:00	4.5576	37.8738	0.1726	0.0268	0.0001	0.4578	0.0040	
2017-04-07 09:30:00	4.4919	37.8738	0.1701	0.0268	0.0001	0.4578	0.0040	
	4 5120	37.8738	0.1709	0.0268	0.0001	0.4578	0.0040	
2017-04-07 09:45:00	4.5128							
2017-04-07 09:45:00 2017-04-07 10:00:00 2017-04-07 10:15:00	4.4588 4.5506	37.8738 37.8738 37.8738	0.1689 0.1724	0.0268 0.0268	0.0001 0.0001	0.4578 0.4578	0.0040 0.0040	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-07 10:30:00	4.1344	37.8738	0.1566	0.0268	0.0001	0.4578	0.0037
2017-04-07 10:45:00	3.3136	37.8738	0.1255	0.0268	0.0001	0.4578	0.0029
2017-04-07 11:00:00	4.0157	37.8738	0.1521	0.0515	0.0002	0.4578	0.0036
2017-04-07 11:15:00	4.1058	37.8738	0.1555	0.1288	0.0005	0.4578	0.0036
2017-04-07 11:30:00	3.8447	37.8738	0.1456	0.0990	0.0004	0.4578	0.0034
2017-04-07 11:45:00	3.9907	37.8738	0.1511	0.0845	0.0003	0.4578	0.0035
2017-04-07 12:00:00	3.6119	37.8738	0.1368	0.0446	0.0002	0.4578	0.0032
2017-04-07 12:15:00	4.0283	37.8738	0.1526	0.0498	0.0002	0.4578	0.0036
2017-04-07 12:30:00	3.9719	37.8738	0.1504	0.0580	0.0002	0.4578	0.0035
2017-04-07 12:45:00	3.9122	37.8738	0.1482	0.0522	0.0002	0.4578	0.0035
2017-04-07 13:00:00	3.8840	37.8738	0.1471	0.0522	0.0002	0.4578	0.0034
2017-04-07 13:15:00	3.5049	37.8738	0.1327	0.0522	0.0002	0.4578	0.0031
2017-04-07 13:30:00	4.0468	37.8738	0.1533	0.0673	0.0003	0.4578	0.0036
2017-04-07 13:45:00	3.0441	37.8738	0.1153	0.0481	0.0001	0.4578	0.0027
2017-04-07 14:00:00	1.9529	37.8738	0.0740	0.0481	0.0001	0.4578	0.0017
2017-04-07 14:15:00	2.1688	37.8738	0.0821	0.0481	0.0001	0.4578	0.0019
2017-04-07 14:30:00	2.1780	37.8738	0.0825	0.0481	0.0001	0.4578	0.0019
2017-04-07 14:45:00	1.4504	37.8738	0.0549	0.0481	0.0001	0.4578	0.0013
2017-04-07 15:00:00	1.2419	37.8738	0.0470	0.0481	0.0001	0.4578	0.0011
2017-04-07 15:15:00	1.9719	37.8738	0.0747	0.0481	0.0001	0.4578	0.0018
2017-04-07 15:30:00	0.7954	37.8738	0.0301	0.0481	0.0000	0.4578	0.0007
2017-04-07 15:45:00 2017-04-07 16:00:00	0.5782	37.8738 37.8738	0.0219 0.0021	0.0481 0.0481	0.0000 0.0000	0.4578	0.0005 0.0000
2017-04-07 16:00:00	0.0556	37.8738 37.8738		0.0481	0.0000	0.4578	
2017-04-07 16:15:00 2017-04-07 16:30:00	0.5352 0.1912	37.8738 37.8738	0.0203 0.0072	0.0481	0.0000	0.4578 0.4578	0.0005 0.0002
2017-04-07 16:30:00 2017-04-07 16:45:00	0.1912 0.9814	37.8738 37.8738	0.0072	0.0481	0.0000	0.4578	0.0002
2017-04-07 17:00:00	0.9101	37.8738	0.0372	0.0481	0.0000	0.4578	0.0009
2017-04-07 17:00:00	1.5626	37.8738	0.0592	0.0481	0.0001	0.4578	0.0008
2017-04-07 17:13:00	1.7727	37.8738	0.0671	0.0481	0.0001	0.4578	0.0014
2017-04-07 17:45:00	0.7329	37.8738	0.0278	0.0481	0.0001	0.4578	0.0010
2017-04-07 17:43:00	0.1560	37.8738	0.0059	0.0481	0.0000	0.4578	0.0007
2017-04-07 18:15:00	0.0362	37.8738	0.0014	0.0481	0.0000	0.4578	0.0000
2017-04-07 18:30:00	0.0744	37.8738	0.0028	0.0481	0.0000	0.4578	0.0001
2017-04-07 18:45:00	0.3454	37.8738	0.0131	0.0481	0.0000	0.4578	0.0003
2017-04-07 19:00:00	0.9295	37.8738	0.0352	0.0481	0.0000	0.4578	0.0008
2017-04-07 19:15:00	1.4580	37.8738	0.0552	0.0481	0.0001	0.4578	0.0013
2017-04-07 19:30:00	0.1406	37.8738	0.0053	0.0481	0.0000	0.4578	0.0001
2017-04-07 19:45:00	0.0188	37.8738	0.0007	0.0481	0.0000	0.4578	0.0000
2017-04-07 20:00:00	0.0000	37.8738	0.0000	0.0481	0.0000	0.4578	0.0000
2017-04-07 20:15:00	0.0000	37.8738	0.0000	0.0481	0.0000	0.4578	0.0000
2017-04-07 20:30:00	0.0380	37.8738	0.0014	0.0481	0.0000	0.4578	0.0000
2017-04-07 20:45:00	0.0782	37.8738	0.0030	0.0561	0.0000	0.4578	0.0001
2017-04-07 21:00:00	0.2782	37.8738	0.0105	0.0529	0.0000	0.4578	0.0002
2017-04-07 21:15:00	0.4230	37.8738	0.0160	0.0481	0.0000	0.4578	0.0004
2017-04-07 21:30:00	2.1734	37.8738	0.0823	0.0481	0.0001	0.4578	0.0019
2017-04-07 21:45:00	3.7505	37.8738	0.1420	0.0481	0.0002	0.4578	0.0033
2017-04-07 22:00:00	3.5747	37.8738	0.1354	0.0481	0.0002	0.4578	0.0032
2017-04-07 22:15:00	1.9963	37.8738	0.0756	0.0791	0.0002	0.4578	0.0018
2017-04-07 22:30:00	1.8479	37.8738	0.0700	0.0705	0.0001	0.4578	0.0016
2017-04-07 22:45:00	3.0458	37.8738	0.1154	0.0522	0.0002	0.4578	0.0027
2017-04-07 23:00:00	3.5649	37.8738	0.1350	0.0522	0.0002	0.4578	0.0032
2017-04-07 23:15:00	3.8533	37.8738	0.1459	0.0522	0.0002	0.4578	0.0034
2017-04-07 23:30:00	4.4467	37.8738	0.1684	0.0522	0.0002	0.4578	0.0039
2017-04-07 23:45:00	4.7643	37.8738	0.1804	0.0522	0.0002	0.4578	0.0042
2017-04-08 00:00:00	4.3498	37.8738	0.1647	0.0522	0.0002	0.4578	0.0039
2017-04-08 00:15:00	4.2909	37.8738	0.1625	0.0522	0.0002	0.4578	0.0038
2017-04-08 00:30:00	4.2909	37.8738	0.1625	0.0522	0.0002	0.4578	0.0038
2017-04-08 00:45:00	4.7317	37.8738	0.1792	0.0520	0.0002	0.4578	0.0042
2017-04-08 01:00:00	4.7643	37.8738	0.1804	0.1204	0.0006	0.4578	0.0042
2017-04-08 01:15:00	4.7643	37.8738	0.1804	0.0098	0.0000	0.4578	0.0042
2017-04-08 01:30:00	4.7643	37.8738	0.1804	0.0034	0.0000	0.4578	0.0042
2017-04-08 01:45:00	4.7643	37.8738	0.1804	0.0034	0.0000	0.4578	0.0042
2017-04-08 02:00:00	4.7643	37.8738	0.1804	0.0034	0.0000	0.4578	0.0042
2017-04-08 02:15:00	4.7643	37.8738	0.1804	0.0034	0.0000	0.4578	0.0042
2017-04-08 02:30:00	4.7643	37.8738	0.1804	0.0034	0.0000	0.4578	0.0042
2017-04-08 02:45:00	4.7643	37.8738	0.1804	0.0034	0.0000	0.4578	0.0042
2017-04-08 03:00:00	4.7643	37.8738	0.1804	0.0034	0.0000	0.4578	0.0042
2017-04-08 03:15:00	4.7643	37.8738	0.1804	0.0034	0.0000	0.4578	0.0042
2017-04-08 03:30:00	4.6634	37.8738	0.1766	0.0034	0.0000	0.4578	0.0041
2017-04-08 03:45:00	4.5635	37.8738	0.1728	0.0034	0.0000	0.4578	0.0041
2017-04-08 04:00:00	4.4472	37.8738	0.1684	0.0034	0.0000	0.4578	0.0039
2017-04-08 04:15:00	4.4774	37.8738	0.1696	0.0034	0.0000	0.4578	0.0040
2017-04-08 04:30:00	4.3049	37.8738	0.1630	0.0034	0.0000	0.4578	0.0038
2017-04-08 04:45:00	4.4665	37.8738	0.1692	0.0034	0.0000	0.4578	0.0040
2017-04-08 05:00:00	4.4955	37.8738	0.1703	0.0034	0.0000	0.4578	0.0040

	Point Source Air Emissions - A2 Nitric Acid Stack									
Parameter	Volumetric Flow Rate	N	Ox	NH3		N	20			
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s			
2017-04-08 05:15:00	4.6411	37.8738	0.1758	0.0034	0.0000	0.4578	0.0041			
2017-04-08 05:30:00	4.7252	37.8738	0.1790	0.0034	0.0000	0.4578	0.0042			
2017-04-08 05:45:00	4.9969	37.8738	0.1893	0.0034	0.0000	0.4578	0.0044			
2017-04-08 06:00:00	4.8527	37.8738	0.1838	0.0034	0.0000	0.4578	0.0043			
2017-04-08 06:15:00	4.3052	37.8738	0.1631	0.0034	0.0000	0.4578	0.0038			
2017-04-08 06:30:00	4.3286	37.8738	0.1639	0.0034	0.0000	0.4578	0.0038			
2017-04-08 06:45:00	4.5849	37.8738	0.1736	0.0034	0.0000	0.4578	0.0041			
2017-04-08 07:00:00	4.6573	37.8738	0.1764	0.0034	0.0000	0.4578	0.0041			
2017-04-08 07:15:00	4.6573	37.8738	0.1764	0.0034	0.0000	0.4578	0.0041			
2017-04-08 07:30:00	4.6779	37.8738	0.1772	0.0034	0.0000	0.4578	0.0042			
2017-04-08 07:45:00	4.6697	37.8738	0.1769	0.0034	0.0000	0.4578	0.0041			
2017-04-08 08:00:00	4.6628	37.8738	0.1766	0.0034	0.0000	0.4578	0.0041			
2017-04-08 08:15:00	4.7617	37.8738	0.1803	0.0034	0.0000	0.4578	0.0042			
2017-04-08 08:30:00	4.7246	37.8738	0.1789	0.0034	0.0000	0.4578	0.0042			
2017-04-08 08:45:00	4.6880	37.8738	0.1776	0.0034	0.0000	0.4578	0.0042			
2017-04-08 09:00:00	4.7689	37.8738	0.1806	0.0034	0.0000	0.4578	0.0042			
2017-04-08 09:15:00	4.5495	37.8738	0.1723	0.0129	0.0001	0.4578	0.0040			
2017-04-08 09:30:00	4.2055	37.8738	0.1593	0.1796	0.0008	0.4578	0.0037			
2017-04-08 09:45:00	4.4237	37.8738	0.1675	0.1018	0.0005	0.4578	0.0039			
2017-04-08 10:00:00 2017-04-08 10:15:00	4.0011 4.2538	37.8738 37.8738	0.1515 0.1611	0.1924 0.2465	0.0008 0.0010	0.4578 0.4578	0.0036 0.0038			
2017-04-08 10:15:00		37.8738	0.1511	0.2463	0.0010					
2017-04-08 10:30:00	4.0029 4.3914	37.8738 37.8738	0.1516	0.2313	0.0009	0.4578 0.4578	0.0036 0.0039			
2017-04-08 10:45:00	4.0897	37.8738	0.1549	0.2649	0.0012	0.4578	0.0039			
2017-04-08 11:00:00	4.2249	37.8738	0.1600	0.3842	0.0012	0.4578	0.0038			
2017-04-08 11:30:00	4.2220	37.8738	0.1599	0.3384	0.0014	0.4578	0.0037			
2017-04-08 11:45:00	4.3785	37.8738	0.1658	0.2374	0.0014	0.4578	0.0039			
2017-04-08 12:00:00	4.5847	37.8738	0.1736	0.1257	0.0006	0.4578	0.0041			
2017-04-08 12:15:00	4.6089	37.8738	0.1746	0.1809	0.0008	0.4578	0.0041			
2017-04-08 12:30:00	4.6538	37.8738	0.1763	0.1154	0.0005	0.4578	0.0041			
2017-04-08 12:45:00	4.2596	37.8738	0.1613	0.3149	0.0013	0.4578	0.0038			
2017-04-08 13:00:00	4.3823	37.8738	0.1660	0.3171	0.0014	0.4578	0.0039			
2017-04-08 13:15:00	4.2490	37.8738	0.1609	0.1694	0.0007	0.4578	0.0038			
2017-04-08 13:30:00	4.1518	37.8738	0.1572	0.0364	0.0002	0.4578	0.0037			
2017-04-08 13:45:00	3.9402	37.8738	0.1492	0.0288	0.0001	0.4578	0.0035			
2017-04-08 14:00:00	4.2095	37.8738	0.1594	0.0288	0.0001	0.4578	0.0037			
2017-04-08 14:15:00	4.1365	37.8738	0.1567	0.0288	0.0001	0.4578	0.0037			
2017-04-08 14:30:00	4.0928	37.8738	0.1550	0.0288	0.0001	0.4578	0.0036			
2017-04-08 14:45:00	4.2272	37.8738	0.1601	0.0288	0.0001	0.4578	0.0038			
2017-04-08 15:00:00	4.2262	37.8738	0.1601	0.0288	0.0001	0.4578	0.0038			
2017-04-08 15:15:00	4.1746	37.8738	0.1581	0.0288	0.0001	0.4578	0.0037			
2017-04-08 15:30:00	4.1847	37.8738	0.1585	0.0288	0.0001	0.4578	0.0037			
2017-04-08 15:45:00	4.3048	37.8738	0.1630	0.0591	0.0003	0.4578	0.0038			
2017-04-08 16:00:00	4.2598	37.8738	0.1613	0.0185	0.0001	0.4578	0.0038			
2017-04-08 16:15:00	4.2844	37.8738	0.1623	0.0185	0.0001	0.4578	0.0038			
2017-04-08 16:30:00	4.4773	37.8738	0.1696	0.0185	0.0001	0.4578	0.0040			
2017-04-08 16:45:00	4.6610	37.8738	0.1765	0.0185	0.0001	0.4578	0.0041			
2017-04-08 17:00:00	4.6843	37.8738	0.1774	0.0705	0.0003	0.4578	0.0042			
2017-04-08 17:15:00	4.6843	37.8738	0.1774	0.0591	0.0003	0.4578	0.0042			
2017-04-08 17:30:00	4.5830	37.8738	0.1736	0.0007	0.0000	0.4578	0.0041			
2017-04-08 17:45:00	4.2167	37.8738	0.1597	0.0007	0.0000	0.4578	0.0037			
2017-04-08 18:00:00	4.6258	37.8738	0.1752	0.0007	0.0000	0.4578	0.0041			
2017-04-08 18:15:00	4.5951	37.8738	0.1740	0.0007	0.0000	0.4578	0.0041			
2017-04-08 18:30:00	4.7378	37.8738	0.1794	0.0007	0.0000	0.4578	0.0042			
2017-04-08 18:45:00	4.7378	37.8738	0.1794	0.0007	0.0000	0.4578	0.0042			
2017-04-08 19:00:00	4.7378	37.8738	0.1794	0.0007	0.0000	0.4578	0.0042			
2017-04-08 19:15:00	4.7378	37.8738	0.1794	0.0007	0.0000	0.4578	0.0042			
2017-04-08 19:30:00	4.5033	37.8738	0.1706	0.0007	0.0000	0.4578	0.0040			
2017-04-08 19:45:00	4.4859	37.8738	0.1699	0.0007	0.0000	0.4578	0.0040			
2017-04-08 20:00:00	4.7111	37.8738	0.1784	0.0007	0.0000	0.4578	0.0042			
2017-04-08 20:15:00	4.4634	37.8738	0.1690	0.0007	0.0000	0.4578	0.0040			
2017-04-08 20:30:00	4.2317	37.8738	0.1603	0.0007	0.0000	0.4578	0.0038			
2017-04-08 20:45:00	4.2317	37.8738	0.1603	0.0007	0.0000	0.4578	0.0038			
2017-04-08 21:00:00	4.4854	37.8738	0.1699	0.0007	0.0000	0.4578	0.0040			
2017-04-08 21:15:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			
2017-04-08 21:30:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			
2017-04-08 21:45:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			
2017-04-08 22:00:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			
2017-04-08 22:15:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			
2017-04-08 22:30:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			
2017-04-08 22:45:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			
2017-04-08 23:00:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			
2017-04-08 23:15:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			
2017-04-08 23:30:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			
2017-04-08 23:45:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042			

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N2O		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-04-09 00:00:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042	
2017-04-09 00:15:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042	
2017-04-09 00:30:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042	
2017-04-09 00:45:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042	
2017-04-09 01:00:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042	
2017-04-09 01:15:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042	
2017-04-09 01:30:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042	
2017-04-09 01:45:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042	
2017-04-09 02:00:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042	
2017-04-09 02:15:00	4.6977	37.8738	0.1779	0.0007	0.0000	0.4578	0.0042	
2017-04-09 02:30:00	4.7734	37.8738	0.1808	0.0007	0.0000	0.4578	0.0042	
2017-04-09 02:45:00	4.7000	37.8738	0.1780	0.0118	0.0001	0.4578	0.0042	
2017-04-09 03:00:00	4.4518	37.8738	0.1686 0.1809	0.0000 0.0000	0.0000 0.0000	0.4578	0.0040 0.0042	
2017-04-09 03:15:00 2017-04-09 03:30:00	4.7776 4.7776	37.8738 37.8738	0.1809	0.0000	0.0000	0.4578 0.4578	0.0042	
2017-04-09 03:45:00	4.7776	37.8738	0.1798	0.0000	0.0000	0.4578	0.0042	
2017-04-09 03:45:00	4.7471	37.8738	0.1798	0.0000	0.0000	0.4578	0.0042	
2017-04-09 04:15:00	4.3953	37.8738	0.1665	0.0000	0.0000	0.4578	0.0043	
2017-04-09 04:30:00	4.8148	37.8738	0.1824	0.0000	0.0000	0.4578	0.0043	
2017-04-09 04:45:00	4.4732	37.8738	0.1694	0.0000	0.0000	0.4578	0.0040	
2017-04-09 05:00:00	4.3061	37.8738	0.1631	0.0000	0.0000	0.4578	0.0038	
2017-04-09 05:15:00	3.1387	37.8738	0.1031	0.0000	0.0000	0.4578	0.0038	
2017-04-09 05:30:00	4.6409	37.8738	0.1189	0.0000	0.0000	0.4578	0.0028	
2017-04-09 05:45:00	4.3276	37.8738	0.1639	0.0000	0.0000	0.4578	0.0038	
2017-04-09 06:00:00	4.3956	37.8738	0.1665	0.0000	0.0000	0.4578	0.0039	
2017-04-09 06:15:00	4.8323	37.8738	0.1830	0.0177	0.0001	0.4578	0.0043	
2017-04-09 06:30:00	4.5249	37.8738	0.1714	0.0311	0.0001	0.4578	0.0040	
2017-04-09 06:45:00	1.9889	37.8738	0.0753	0.0539	0.0001	0.4578	0.0018	
2017-04-09 07:00:00	0.0000	37.8738	0.0000	0.0069	0.0000	0.4578	0.0000	
2017-04-09 07:15:00	2.0428	37.8738	0.0774	0.0069	0.0000	0.4578	0.0018	
2017-04-09 07:30:00	4.5115	37.8738	0.1709	0.0069	0.0000	0.4578	0.0040	
2017-04-09 07:45:00	3.0924	37.8738	0.1171	0.0069	0.0000	0.4578	0.0027	
2017-04-09 08:00:00	0.6798	37.8738	0.0257	0.0069	0.0000	0.4578	0.0006	
2017-04-09 08:15:00	0.9414	37.8738	0.0357	0.0069	0.0000	0.4578	0.0008	
2017-04-09 08:30:00	1.3380	37.8738	0.0507	0.0069	0.0000	0.4578	0.0012	
2017-04-09 08:45:00	1.1457	37.8738	0.0434	0.0069	0.0000	0.4578	0.0010	
2017-04-09 09:00:00	2.7924	37.8738	0.1058	0.0069	0.0000	0.4578	0.0025	
2017-04-09 09:15:00	1.3844	37.8738	0.0524	0.0069	0.0000	0.4578	0.0012	
2017-04-09 09:30:00	1.2020	37.8738	0.0455	0.0069	0.0000	0.4578	0.0011	
2017-04-09 09:45:00	0.9920	37.8738	0.0376	0.0069	0.0000	0.4578	0.0009	
2017-04-09 10:00:00	1.0139	37.8738	0.0384	0.0069	0.0000	0.4578	0.0009	
2017-04-09 10:15:00	0.6516	37.8738	0.0247	0.0069	0.0000	0.4578	0.0006	
2017-04-09 10:30:00	0.5564	37.8738	0.0211	0.0069	0.0000	0.4578	0.0005	
2017-04-09 10:45:00	0.3572	37.8738	0.0135	0.0069	0.0000	0.4578	0.0003	
2017-04-09 11:00:00	0.2010	37.8738	0.0076	0.0233	0.0000	0.4578	0.0002	
2017-04-09 11:15:00	0.0399	37.8738	0.0015	0.0144	0.0000	0.4578	0.0000	
2017-04-09 11:30:00	0.0409	37.8738	0.0015	0.0144	0.0000	0.4578	0.0000	
2017-04-09 11:45:00	0.1084	37.8738	0.0041	0.0144	0.0000	0.4578	0.0001	
2017-04-09 12:00:00	0.8679	37.8738	0.0329	0.0144	0.0000	0.4578	0.0008	
2017-04-09 12:15:00	0.9004	37.8738	0.0341	0.0144	0.0000	0.4578	0.0008	
2017-04-09 12:30:00	0.7371	37.8738	0.0279	0.0144	0.0000	0.4578	0.0007	
2017-04-09 12:45:00	0.8757	37.8738	0.0332	0.0144	0.0000	0.4578	0.0008	
2017-04-09 13:00:00	0.9589	37.8738	0.0363	0.0144	0.0000	0.4578	0.0009	
2017-04-09 13:15:00	0.9570	37.8738	0.0362	0.0144	0.0000	0.4578	0.0008	
2017-04-09 13:30:00	0.6722	37.8738	0.0255	0.0144	0.0000	0.4578	0.0006	
2017-04-09 13:45:00	0.4321	37.8738	0.0164	0.0144	0.0000	0.4578	0.0004	
2017-04-09 14:00:00	0.7670	37.8738	0.0290	0.0144	0.0000	0.4578	0.0007	
2017-04-09 14:15:00	0.7623	37.8738	0.0289	0.0144	0.0000	0.4578	0.0007	
2017-04-09 14:30:00	0.3679	37.8738	0.0139	0.1330	0.0000	0.4578	0.0003	
2017-04-09 14:45:00	0.2518	37.8738	0.0095	0.0000	0.0000	0.4578	0.0002	
2017-04-09 15:00:00	0.5060	37.8738	0.0192	0.0000	0.0000	0.4578	0.0004	
2017-04-09 15:15:00	0.9237	37.8738	0.0350	0.0000	0.0000	0.4578	0.0008	
2017-04-09 15:30:00	1.3895	37.8738	0.0526	0.0177	0.0000	0.4578	0.0012	
2017-04-09 15:45:00	1.6050	37.8738	0.0608	0.0124	0.0000	0.4578	0.0014	
2017-04-09 16:00:00	2.0038	37.8738	0.0759	0.0371	0.0001	0.4578	0.0018	
2017-04-09 16:15:00	2.5232	37.8738	0.0956	0.0096	0.0000	0.4578	0.0022	
2017-04-09 16:30:00	3.6082	37.8738	0.1367	0.0387	0.0001	0.4578	0.0032	
2017-04-09 16:45:00	3.4140	37.8738	0.1293	0.0507	0.0002	0.4578	0.0030	
2017-04-09 17:00:00	3.2829	37.8738	0.1243	0.0430	0.0001	0.4578	0.0029	
2017-04-09 17:15:00	3.0889	37.8738	0.1170	0.0710	0.0002	0.4578	0.0027	
2017-04-09 17:30:00	3.5765	37.8738	0.1355	0.0904	0.0003	0.4578	0.0032	
2017-04-09 17:45:00	3.9917	37.8738	0.1512	0.0717	0.0003	0.4578	0.0035	
2017-04-09 18:00:00	4.2553	37.8738	0.1612	0.1270	0.0005 0.0005	0.4578 0.4578	0.0038 0.0036	
2017-04-09 18:15:00 2017-04-09 18:30:00	4.0514 3.7041	37.8738 37.8738	0.1534 0.1403	0.1270 0.1332	0.0005		0.0036	
2017-04-09 18:30:00	5.7041	37.0/30	0.1403	0.1332	0.0005	0.4578	0.0033	

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N2O		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-04-09 18:45:00	3.8601	37.8738	0.1462	0.1913	0.0007	0.4578	0.0034	
2017-04-09 19:00:00	3.4005	37.8738	0.1288	0.2022	0.0007	0.4578	0.0030	
2017-04-09 19:15:00	3.5865	37.8738	0.1358	0.2470	0.0009	0.4578	0.0032	
2017-04-09 19:30:00	4.0411	37.8738	0.1531	0.1799	0.0007	0.4578	0.0036	
2017-04-09 19:45:00	4.0645	37.8738	0.1539	0.1799	0.0007	0.4578	0.0036	
2017-04-09 20:00:00	4.5128	37.8738	0.1709	0.2150	0.0010	0.4578	0.0040	
2017-04-09 20:15:00	4.5199	37.8738	0.1712	0.2362	0.0011	0.4578	0.0040	
2017-04-09 20:30:00	4.5199	37.8738	0.1712	0.2362	0.0011	0.4578	0.0040	
2017-04-09 20:45:00	4.5199	37.8738	0.1712	0.2362	0.0011	0.4578	0.0040	
2017-04-09 21:00:00	4.5199	37.8738	0.1712	0.2362	0.0011	0.4578	0.0040	
2017-04-09 21:15:00	4.5199	37.8738	0.1712	0.2362	0.0011	0.4578	0.0040	
2017-04-09 21:30:00	4.5199	37.8738	0.1712	0.2362	0.0011	0.4578	0.0040	
2017-04-09 21:45:00	4.5199	37.8738	0.1712	0.2187	0.0010	0.4578	0.0040	
2017-04-09 22:00:00	4.5199	37.8738	0.1712	0.1792 0.1933	0.0008 0.0009	0.4578 0.4578	0.0040 0.0040	
2017-04-09 22:15:00	4.5199	37.8738	0.1712					
2017-04-09 22:30:00	4.5199	37.8738	0.1712	0.2143	0.0010	0.4578 0.4578	0.0040	
2017-04-09 22:45:00	4.5281 4.9843	37.8738 37.8738	0.1715 0.1888	0.1186 0.0652	0.0005 0.0003		0.0040 0.0044	
2017-04-09 23:00:00 2017-04-09 23:15:00		37.8738 37.8738	0.1888	0.0652	0.0003	0.4578	0.0044	
	4.6145					0.4578		
2017-04-09 23:30:00 2017-04-09 23:45:00	4.4384 4.3423	37.8738 37.8738	0.1681 0.1645	0.1133 0.0673	0.0005 0.0003	0.4578 0.4578	0.0039 0.0039	
2017-04-09 23:45:00 2017-04-10 00:00:00	4.3423 4.5025	37.8738 37.8738	0.1645	0.0673	0.0003	0.4578	0.0039	
2017-04-10 00:00:00	4.5025 4.5426	37.8738 37.8738	0.1705	0.0738	0.0003	0.4578	0.0040	
2017-04-10 00:15:00	4.5426 4.4910	37.8738 37.8738	0.1720	0.1284	0.0006	0.4578	0.0040	
2017-04-10 00:30:00	4.4910	37.8738	0.1701	0.1284	0.0006	0.4578	0.0040	
2017-04-10 00:45:00	4.0533	37.8738	0.1535	0.1284	0.0005	0.4578	0.0036	
2017-04-10 01:00:00	4.2524	37.8738	0.1611	0.1284	0.0005	0.4578	0.0038	
2017-04-10 01:13:00	4.5423	37.8738	0.1720	0.0906	0.0003	0.4578	0.0038	
2017-04-10 01:35:00	4.3810	37.8738	0.1659	0.5546	0.0024	0.4578	0.0040	
2017-04-10 02:00:00	4.3364	37.8738	0.1642	0.8781	0.0038	0.4578	0.0039	
2017-04-10 02:15:00	4.2653	37.8738	0.1615	0.3503	0.0015	0.4578	0.0038	
2017-04-10 02:30:00	4.1851	37.8738	0.1585	0.2472	0.0010	0.4578	0.0037	
2017-04-10 02:45:00	3.9764	37.8738	0.1506	0.1807	0.0007	0.4578	0.0035	
2017-04-10 03:00:00	3.9043	37.8738	0.1479	0.0882	0.0003	0.4578	0.0035	
2017-04-10 03:15:00	2.3215	37.8738	0.0879	0.0755	0.0002	0.4578	0.0021	
2017-04-10 03:30:00	2.9669	37.8738	0.1124	0.1521	0.0005	0.4578	0.0026	
2017-04-10 03:45:00	1.0119	37.8738	0.0383	0.1267	0.0001	0.4578	0.0009	
2017-04-10 04:00:00	1.2022	37.8738	0.0455	0.0824	0.0001	0.4578	0.0011	
2017-04-10 04:15:00	1.1223	37.8738	0.0425	0.0824	0.0001	0.4578	0.0010	
2017-04-10 04:30:00	1.3554	37.8738	0.0513	0.0834	0.0001	0.4578	0.0012	
2017-04-10 04:45:00	0.8376	37.8738	0.0317	0.0940	0.0001	0.4578	0.0007	
2017-04-10 05:00:00	0.6191	37.8738	0.0234	0.1134	0.0001	0.4578	0.0005	
2017-04-10 05:15:00	0.3662	37.8738	0.0139	0.1884	0.0001	0.4578	0.0003	
2017-04-10 05:30:00	0.4149	37.8738	0.0157	0.1528	0.0001	0.4578	0.0004	
2017-04-10 05:45:00	0.2359	37.8738	0.0089	0.1226	0.0000	0.4578	0.0002	
2017-04-10 06:00:00	0.6151	37.8738	0.0233	0.0678	0.0000	0.4578	0.0005	
2017-04-10 06:15:00	0.5353	37.8738	0.0203	0.0693	0.0000	0.4578	0.0005	
2017-04-10 06:30:00	1.2707	37.8738	0.0481	0.0398	0.0001	0.4578	0.0011	
2017-04-10 06:45:00	1.2703	37.8738	0.0481	0.0650	0.0001	0.4578	0.0011	
2017-04-10 07:00:00	1.3702	37.8738	0.0519	0.0326	0.0000	0.4578	0.0012	
2017-04-10 07:15:00	1.3256	37.8738	0.0502	0.0339	0.0000	0.4578	0.0012	
2017-04-10 07:30:00	1.4208	37.8738	0.0538	0.0428	0.0001	0.4578	0.0013	
2017-04-10 07:45:00	1.7529	37.8738	0.0664	0.0366	0.0001	0.4578	0.0016	
2017-04-10 08:00:00	1.6044	37.8738	0.0608	0.0771	0.0001	0.4578	0.0014	
2017-04-10 08:15:00	1.6685	37.8738	0.0632	0.1244	0.0002	0.4578	0.0015	
2017-04-10 08:30:00	1.4184	37.8738	0.0537	0.0438	0.0001	0.4578	0.0013	
2017-04-10 08:45:00	0.6695	37.8738	0.0254	0.0559	0.0000	0.4578	0.0006	
2017-04-10 09:00:00	1.0178	37.8738	0.0385	0.0424	0.0000	0.4578	0.0009	
2017-04-10 09:15:00	1.2410	37.8738	0.0470	0.0593	0.0001	0.4578	0.0011	
2017-04-10 09:30:00	0.7653	37.8738	0.0290	0.0790	0.0001	0.4578	0.0007	
2017-04-10 09:45:00	0.6065	37.8738	0.0230	0.0790	0.0000	0.4578	0.0005	
2017-04-10 10:00:00	0.5026	37.8738	0.0190	0.0375	0.0000	0.4578	0.0004	
2017-04-10 10:15:00	0.2604	37.8738	0.0099	0.0463	0.0000	0.4578	0.0002	
2017-04-10 10:30:00	0.1188	37.8738	0.0045	0.1527	0.0000	0.4578	0.0001	
2017-04-10 10:45:00	0.0000	37.8738	0.0000	0.1655	0.0000	0.4578	0.0000	
2017-04-10 11:00:00	0.0197	37.8738	0.0007	0.2308	0.0000	0.4578	0.0000	
2017-04-10 11:15:00	0.0000	37.8738	0.0000	0.3104	0.0000	0.4578	0.0000	
2017-04-10 11:30:00	0.0000	37.8738	0.0000	0.2671	0.0000	0.4578	0.0000	
2017-04-10 11:45:00	0.0221	37.8738	0.0008	0.1519	0.0000	0.4578	0.0000	
2017-04-10 12:00:00	0.2065	37.8738	0.0078	0.1131	0.0000	0.4578	0.0002	
2017-04-10 12:15:00	0.0200	37.8738	0.0008	0.1314	0.0000	0.4578	0.0000	
2017-04-10 12:30:00	0.4322	37.8738	0.0164	0.1418	0.0001	0.4578	0.0004	
2017-04-10 12:45:00	0.3136	37.8738	0.0119	0.0283	0.0000	0.4578	0.0003	
2017-04-10 13:00:00	0.4814	37.8738 37.8738	0.0182 0.0081	0.0459 0.0007	0.0000	0.4578	0.0004 0.0002	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-10 13:30:00	0.1308	37.8738	0.0050	0.0093	0.0000	0.4578	0.0001
2017-04-10 13:45:00	0.4604	37.8738	0.0174	0.0000	0.0000	0.4578	0.0004
2017-04-10 14:00:00	0.1522	37.8738	0.0058	0.0031	0.0000	0.4578	0.0001
2017-04-10 14:15:00	0.1280	37.8738	0.0048	0.0000	0.0000	0.4578	0.0001
2017-04-10 14:30:00	0.1060	37.8738	0.0040	0.0283	0.0000	0.4578	0.0001
2017-04-10 14:45:00	0.3143	37.8738	0.0119	0.0188	0.0000	0.4578	0.0003
2017-04-10 15:00:00	0.6832	37.8738	0.0259	0.0346	0.0000	0.4578	0.0006
2017-04-10 15:15:00	0.6411	37.8738	0.0243	0.0863	0.0001	0.4578	0.0006
2017-04-10 15:30:00	0.8728	37.8738	0.0331	0.1000	0.0001	0.4578	0.0008
2017-04-10 15:45:00	0.5925	37.8738	0.0224	0.1762	0.0001	0.4578	0.0005
2017-04-10 16:00:00	0.7094	37.8738	0.0269	0.1799	0.0001	0.4578	0.0006
2017-04-10 16:15:00	0.8345	37.8738	0.0316	0.2054	0.0002	0.4578	0.0007
2017-04-10 16:30:00	0.4819	37.8738	0.0183	0.2491	0.0001	0.4578	0.0004
2017-04-10 16:45:00	0.5408	37.8738	0.0205	0.2053	0.0001	0.4578	0.0005
2017-04-10 17:00:00	0.6017	37.8738	0.0228	0.1998	0.0001	0.4578	0.0005
2017-04-10 17:15:00	0.6010	37.8738	0.0228	0.1998	0.0001	0.4578	0.0005
2017-04-10 17:30:00	0.2120	37.8738	0.0080	0.1998	0.0000	0.4578	0.0002
2017-04-10 17:45:00	0.4822	37.8738 37.8738	0.0183	0.1998	0.0001	0.4578	0.0004 0.0022
2017-04-10 18:00:00 2017-04-10 18:15:00	2.4212	37.8738 37.8738	0.0917	0.1977	0.0005 0.0003	0.4578	0.0022
	1.5734		0.0596 0.0374	0.1656 0.1874	0.0003	0.4578	0.0014
2017-04-10 18:30:00 2017-04-10 18:45:00	0.9869 0.5677	37.8738 37.8738	0.0374	0.1874	0.0002	0.4578 0.4578	0.0009
2017-04-10 18:45:00	0.5546	37.8738 37.8738	0.0215	0.2402	0.0001	0.4578	0.0005
2017-04-10 19:00:00	1.3333	37.8738	0.0210	0.2232	0.0001	0.4578	0.0003
2017-04-10 19:13:00	2.4349	37.8738	0.0922	0.2232	0.0005	0.4578	0.0012
2017-04-10 19:45:00	0.7313	37.8738	0.0277	0.2232	0.0003	0.4578	0.0006
2017-04-10 20:00:00	1.7597	37.8738	0.0666	0.2232	0.0004	0.4578	0.0016
2017-04-10 20:15:00	1.8061	37.8738	0.0684	0.2232	0.0004	0.4578	0.0016
2017-04-10 20:30:00	3.2422	37.8738	0.1228	0.2051	0.0007	0.4578	0.0029
2017-04-10 20:45:00	4.1547	37.8738	0.1574	0.1655	0.0007	0.4578	0.0037
2017-04-10 21:00:00	4.3560	37.8738	0.1650	0.1959	0.0009	0.4578	0.0039
2017-04-10 21:15:00	4.3611	37.8738	0.1652	0.2172	0.0009	0.4578	0.0039
2017-04-10 21:30:00	4.3149	37.8738	0.1634	0.1286	0.0006	0.4578	0.0038
2017-04-10 21:45:00	4.2172	37.8738	0.1597	0.0000	0.0000	0.4578	0.0037
2017-04-10 22:00:00	4.3664	37.8738	0.1654	0.0000	0.0000	0.4578	0.0039
2017-04-10 22:15:00	4.5635	37.8738	0.1728	0.0000	0.0000	0.4578	0.0041
2017-04-10 22:30:00	4.4724	37.8738	0.1694	0.0000	0.0000	0.4578	0.0040
2017-04-10 22:45:00	4.3921	37.8738	0.1663	0.0022	0.0000	0.4578	0.0039
2017-04-10 23:00:00	4.4874	40.5190	0.1818	0.1885	0.0008	0.4578	0.0040
2017-04-10 23:15:00	2.1372	39.0862	0.0835	0.1685	0.0004	0.4578	0.0019
2017-04-10 23:30:00	0.0000	37.8738	0.0000	0.1513	0.0000	0.4578	0.0000
2017-04-10 23:45:00	0.0000	37.8738	0.0000	0.1385	0.0000	0.4578	0.0000
2017-04-11 00:00:00	0.0000	37.8738	0.0000	0.1198	0.0000	0.4578	0.0000
2017-04-11 00:15:00	0.0000	37.8738	0.0000	0.0264	0.0000	0.4578	0.0000
2017-04-11 00:30:00	0.0000	37.8738	0.0000	0.0227	0.0000	0.4578	0.0000
2017-04-11 00:45:00	0.0000	37.8738	0.0000	0.2006	0.0000	0.4578	0.0000
2017-04-11 01:00:00	11.9959	37.8738	0.4543	0.1672	0.0020	0.4578	0.0107
2017-04-11 01:15:00	15.5771	37.8738	0.5900	0.0363	0.0006	0.4578	0.0138
2017-04-11 01:30:00	16.6584	37.8738	0.6309	0.0240	0.0004	0.4578	0.0148
2017-04-11 01:45:00	19.9082	37.8738	0.7540	0.0240	0.0005	0.4578	0.0177
2017-04-11 02:00:00	20.1318	37.8738	0.7625	0.0908	0.0018	0.4578	0.0179
2017-04-11 02:15:00	20.1146	37.8738	0.7618	0.1658	0.0033	0.4578	0.0179
2017-04-11 02:30:00	20.1158	37.8738	0.7619	0.0985	0.0020	0.4578	0.0179
2017-04-11 02:45:00	20.1500	37.8738	0.7632	0.0649	0.0013	0.4578	0.0179
2017-04-11 03:00:00	20.2636	37.8738	0.7675	0.0814	0.0016	0.4578	0.0180
2017-04-11 03:15:00	20.3615	37.8738	0.7712	0.0925	0.0019	0.4578	0.0181
2017-04-11 03:30:00	20.2461	37.8738	0.7668	0.1131	0.0023	0.4578	0.0180
2017-04-11 03:45:00	20.2586	37.8738	0.7673	0.2085	0.0042	0.4578	0.0180
2017-04-11 04:00:00	20.2248	37.8738	0.7660	0.1848	0.0037	0.4578	0.0180
2017-04-11 04:15:00	20.2500	31.2645	0.6331	0.1851	0.0037	0.4578	0.0180
2017-04-11 04:30:00	20.2315	5.0098	0.1014	0.1734	0.0035	0.4578	0.0180
2017-04-11 04:45:00	20.2196	5.0098	0.1013	0.1342	0.0027	0.4578	0.0180
2017-04-11 05:00:00	20.3670	5.0098	0.1020	0.1551	0.0032	0.4578	0.0181
2017-04-11 05:15:00	20.3432	5.0098	0.1019	0.1691	0.0034	0.4578	0.0181
2017-04-11 05:30:00	20.3070	5.0098	0.1017	0.1658	0.0034	0.4578	0.0180
2017-04-11 05:45:00	20.2174	5.0098	0.1013	0.0673	0.0014	0.4578	0.0180
2017-04-11 06:00:00	20.1899	5.0098	0.1011	0.0037	0.0001	0.4578	0.0179
2017-04-11 06:15:00	20.2133	5.0098	0.1013	0.0330	0.0007	0.4578	0.0180
2017-04-11 06:30:00	20.1569	5.0098	0.1010	0.0536	0.0011	0.4578	0.0179
2017-04-11 06:45:00	20.2016	5.0098	0.1012	0.0723	0.0015	0.4578	0.0179
2017-04-11 07:00:00	20.0150	5.0098	0.1003	0.0112	0.0002	0.4578	0.0178
2017-04-11 07:15:00	19.9021	5.0098	0.0997	0.0014	0.0000	0.4578	0.0177
2017-04-11 07:30:00	23.6481	5.0098	0.1185	0.0014	0.0000	0.4578	0.0210
2017-04-11 07:45:00	30.9634 30.9765	5.0098	0.1551	0.0014	0.0000	0.4578	0.0275 0.0275
2017-04-11 08:00:00		203.4838	6.3032	0.0014	0.0000	0.4578	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-11 08:15:00	31.0102	33.4652	1.0378	0.0014	0.0000	0.4578	0.0275
2017-04-11 08:30:00	30.9419	33.4652	1.0355	0.0014	0.0000	0.4578	0.0275
2017-04-11 08:45:00	30.9267	33.4652	1.0350	0.0014	0.0000	0.4578	0.0275
2017-04-11 09:00:00	30.9300	33.4652	1.0351	0.0014	0.0000	0.4578	0.0275
2017-04-11 09:15:00	30.8486	33.4652	1.0324	0.0014	0.0000	0.4578	0.0274
2017-04-11 09:30:00	30.8661	33.4652	1.0329	0.0014	0.0000	0.4578	0.0274
2017-04-11 09:45:00	30.9418	33.4652	1.0355	0.0014	0.0000	0.4578	0.0275
2017-04-11 10:00:00	30.9044	33.4652	1.0342	0.0014	0.0000	0.4578	0.0274
2017-04-11 10:15:00	31.1237	33.4652	1.0416	0.0014	0.0000	0.4578	0.0276
2017-04-11 10:30:00	31.0028	33.4652	1.0375	0.0014	0.0000	0.4578	0.0275
2017-04-11 10:45:00	31.0284	33.4652	1.0384	0.0014	0.0000	0.4578	0.0276
2017-04-11 11:00:00	31.2422	33.4652	1.0455	0.0014	0.0000	0.4578	0.0277
2017-04-11 11:15:00	30.5769	33.4652	1.0233	0.0014	0.0000	0.4578	0.0272
2017-04-11 11:30:00	30.4411	33.4652	1.0187	0.1273	0.0039	0.4578	0.0270
2017-04-11 11:45:00	30.4786	33.4652	1.0200	0.0000	0.0000	0.4578	0.0271
2017-04-11 12:00:00	30.5759	33.4652	1.0232	0.0000	0.0000	0.4578	0.0272
2017-04-11 12:15:00	30.5959	33.4652	1.0239	0.0000	0.0000	0.4578	0.0272
2017-04-11 12:30:00	30.5481	33.4652	1.0223	0.0000	0.0000	0.4578	0.0271
2017-04-11 12:45:00	30.5312	33.4652	1.0217	0.0000	0.0000	0.4578	0.0271
2017-04-11 13:00:00 2017-04-11 13:15:00	30.5484 30.3174	33.4652 33.4652	1.0223 1.0146	0.0000 0.0000	0.0000 0.0000	0.4578 0.4578	0.0271 0.0269
2017-04-11 13:15:00 2017-04-11 13:30:00	30.3174 30.3994	33.4652 33.4652	1.0146	0.0000	0.0000	0.4578	0.0269
2017-04-11 13:30:00	30.3994	33.4652	1.0173	0.0000	0.0000	0.4578	0.0270
2017-04-11 13:45:00	30.2351	33.4652	1.0181	0.0193	0.0008	0.4578	0.0270
2017-04-11 14:00:00	30.2529	33.4652	1.0118	0.0103	0.0003	0.4578	0.0269
2017-04-11 14:30:00	30.2963	33.4652	1.0139	0.0257	0.0008	0.4578	0.0269
2017-04-11 14:45:00	30.2313	33.4652	1.0133	0.0587	0.0018	0.4578	0.0268
2017-04-11 15:00:00	30.2976	33.4652	1.0139	0.0544	0.0016	0.4578	0.0269
2017-04-11 15:00:00	30.3186	33.4652	1.0146	0.0494	0.0015	0.4578	0.0269
2017-04-11 15:30:00	30.2891	33.4652	1.0136	0.0494	0.0015	0.4578	0.0269
2017-04-11 15:45:00	30.3027	33.4652	1.0141	0.0494	0.0015	0.4578	0.0269
2017-04-11 16:00:00	30.2936	33.4652	1.0138	0.0494	0.0015	0.4578	0.0269
2017-04-11 16:15:00	30.4060	33.4652	1.0175	0.0494	0.0015	0.4578	0.0270
2017-04-11 16:30:00	30.5310	33.4652	1.0217	0.0494	0.0015	0.4578	0.0271
2017-04-11 16:45:00	30.6091	33.4652	1.0243	0.0494	0.0015	0.4578	0.0272
2017-04-11 17:00:00	30.5380	33.4652	1.0220	0.0494	0.0015	0.4578	0.0271
2017-04-11 17:15:00	30.6063	33.4652	1.0242	0.0494	0.0015	0.4578	0.0272
2017-04-11 17:30:00	30.4329	33.4652	1.0184	0.0494	0.0015	0.4578	0.0270
2017-04-11 17:45:00	30.3004	33.4652	1.0140	0.0494	0.0015	0.4578	0.0269
2017-04-11 18:00:00	30.2128	33.4652	1.0111	0.0494	0.0015	0.4578	0.0268
2017-04-11 18:15:00	30.1852	33.4652	1.0102	0.0494	0.0015	0.4578	0.0268
2017-04-11 18:30:00	30.3766	33.4652	1.0166	0.0494	0.0015	0.4578	0.0270
2017-04-11 18:45:00	30.4095	33.4652	1.0177	0.0494	0.0015	0.4578	0.0270
2017-04-11 19:00:00	30.4862	33.4652	1.0202	0.0999	0.0030	0.4578	0.0271
2017-04-11 19:15:00	30.7379	33.4652	1.0287	0.0942	0.0029	0.4578	0.0273
2017-04-11 19:30:00	30.9619	33.4652	1.0361	0.0467	0.0014	0.4578	0.0275
2017-04-11 19:45:00	30.8240	33.4652	1.0315	0.0467	0.0014	0.4578	0.0274
2017-04-11 20:00:00	30.8371	33.4652	1.0320	0.0467	0.0014	0.4578	0.0274
2017-04-11 20:15:00	31.0401	33.4652	1.0388	0.0467	0.0014	0.4578	0.0276
2017-04-11 20:30:00	29.2854	60.8228	1.7812	0.0489	0.0014	0.4578	0.0260
2017-04-11 20:45:00	29.7137	54.8937	1.6311	0.0467	0.0014	0.4578	0.0264
2017-04-11 21:00:00	29.8046	36.6715	1.0930	0.0467	0.0014	0.4578	0.0265
2017-04-11 21:15:00	30.0299	36.6715	1.1012	0.0467	0.0014	0.4578	0.0267
2017-04-11 21:30:00	29.4667	36.6715	1.0806	0.1362	0.0040	0.4578	0.0262
2017-04-11 21:45:00	29.3720	36.6715	1.0771	0.1737	0.0051	0.4578	0.0261
2017-04-11 22:00:00	29.4597	36.6715	1.0803	0.1634	0.0048	0.4578	0.0262
2017-04-11 22:15:00	29.7786	36.6715	1.0920	0.1112	0.0033	0.4578	0.0264
2017-04-11 22:30:00	29.7077	22.1383	0.6577	0.1112	0.0033	0.4578	0.0264
2017-04-11 22:45:00	29.7084	3.8074	0.1131	0.1364	0.0041	0.4578	0.0264
2017-04-11 23:00:00	29.7178	3.8074	0.1131	0.1358	0.0040	0.4578	0.0264
2017-04-11 23:15:00	29.8231	3.8074	0.1135	0.0515	0.0015	0.4578	0.0265
2017-04-11 23:30:00	29.7531	3.8074	0.1133	0.0489	0.0015	0.4578	0.0264
2017-04-11 23:45:00	29.8685	3.8074	0.1137	0.0439	0.0013	0.4578	0.0265
2017-04-12 00:00:00	30.0726	3.8074	0.1145	0.0439	0.0013	0.4578	0.0267
2017-04-12 00:15:00	30.0784	3.8074	0.1145	0.0439	0.0013	0.4578	0.0267
2017-04-12 00:30:00	30.1217	3.8074	0.1147	0.0439	0.0013	0.4578	0.0267
2017-04-12 00:45:00	30.0852	3.8074	0.1145	0.0439	0.0013	0.4578	0.0267
2017-04-12 01:00:00	30.0680	3.8074	0.1145	0.0439	0.0013	0.4578	0.0267
2017-04-12 01:15:00	30.1628	3.8074	0.1148	0.2248	0.0068	0.4578	0.0268
2017-04-12 01:30:00	29.9953	3.8074	0.1142	0.0000	0.0000	0.4578	0.0266
2017-04-12 01:45:00	29.9720	3.8074	0.1141	0.0000	0.0000	0.4578	0.0266
2017-04-12 02:00:00	30.0703	3.8074	0.1145	0.0000	0.0000	0.4578	0.0267
2017-04-12 02:15:00	29.9757	3.8074	0.1141	0.0088	0.0003	0.4578	0.0266
2017-04-12 02:30:00	30.0942	3.8074	0.1146	0.0000	0.0000	0.4578	0.0267
2017-04-12 02:45:00	29.9581	3.8074	0.1141	0.0000	0.0000	0.4578	0.0266

		Point Source Air F	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-04-12 03:00:00	29.9204	3.8074	0.1139	0.0000	0.0000	0.4578	0.0266	
2017-04-12 03:15:00	29.9850	3.8074	0.1142	0.0000	0.0000	0.4578	0.0266	
2017-04-12 03:30:00	30.0788	3.8074	0.1145	0.0000	0.0000	0.4578	0.0267	
2017-04-12 03:45:00 2017-04-12 04:00:00	30.0650 29.8993	3.8074 3.8074	0.1145 0.1138	0.0000 0.0000	0.0000 0.0000	0.4578 0.4578	0.0267 0.0266	
2017-04-12 04:00:00	30.0168	3.8074	0.1138	0.0000	0.0000	0.4578	0.0266	
2017-04-12 04:30:00	29.8719	3.8074	0.1143	0.0000	0.0000	0.4578	0.0265	
2017-04-12 04:45:00	29.8709	3.8074	0.1137	0.0000	0.0000	0.4578	0.0265	
2017-04-12 05:00:00	29.8303	3.8074	0.1136	0.0000	0.0000	0.4578	0.0265	
2017-04-12 05:15:00	29.7173	3.8074	0.1131	0.0000	0.0000	0.4578	0.0264	
2017-04-12 05:30:00	29.7102	3.8074	0.1131	0.0024	0.0001	0.4578	0.0264	
2017-04-12 05:45:00	29.7008	3.8074	0.1131	0.0000	0.0000	0.4578	0.0264	
2017-04-12 06:00:00	29.8721	3.8074	0.1137	0.0000	0.0000	0.4578	0.0265	
2017-04-12 06:15:00	29.9711	3.8074	0.1141	0.0000	0.0000	0.4578	0.0266	
2017-04-12 06:30:00	29.9434	3.8074	0.1140	0.0000	0.0000	0.4578	0.0266	
2017-04-12 06:45:00	29.7681	3.8074	0.1133	0.0000	0.0000	0.4578	0.0264	
2017-04-12 07:00:00	29.8191	3.8074	0.1135	0.0000	0.0000	0.4578	0.0265	
2017-04-12 07:15:00 2017-04-12 07:30:00	29.7715 29.9331	3.8074 3.8074	0.1134 0.1140	0.0000 0.0000	0.0000 0.0000	0.4578 0.4578	0.0264 0.0266	
2017-04-12 07:45:00	30.0978	3.8074	0.1140	0.0000	0.0000	0.4578	0.0266	
2017-04-12 07:45:00	30.0321	3.8074	0.1146	0.0000	0.0000	0.4578	0.0267	
2017-04-12 08:05:00	29.6721	3.8074	0.1143	0.0023	0.0001	0.4578	0.0264	
2017-04-12 08:30:00	29.5258	3.8074	0.1124	0.0000	0.0000	0.4578	0.0262	
2017-04-12 08:45:00	29.5123	3.8074	0.1124	0.0000	0.0000	0.4578	0.0262	
2017-04-12 09:00:00	29.6724	3.8074	0.1130	0.0042	0.0001	0.4578	0.0264	
2017-04-12 09:15:00	29.5612	3.8074	0.1126	0.0027	0.0001	0.4578	0.0263	
2017-04-12 09:30:00	29.3908	3.8074	0.1119	0.0027	0.0001	0.4578	0.0261	
2017-04-12 09:45:00	29.3608	3.8074	0.1118	0.0027	0.0001	0.4578	0.0261	
2017-04-12 10:00:00	29.3427	3.8074	0.1117	0.0027	0.0001	0.4578	0.0261	
2017-04-12 10:15:00	29.2950	3.8074	0.1115	0.0027	0.0001	0.4578	0.0260	
2017-04-12 10:30:00	29.2264	3.8074	0.1113	0.0027	0.0001	0.4578	0.0260	
2017-04-12 10:45:00	29.1905	3.8074	0.1111	0.0027	0.0001	0.4578	0.0259	
2017-04-12 11:00:00 2017-04-12 11:15:00	29.0907 29.2862	3.8074 3.8074	0.1108 0.1115	0.0027 0.0027	0.0001 0.0001	0.4578 0.4578	0.0258 0.0260	
2017-04-12 11:13:00	29.2113	3.8074	0.1113	0.0027	0.0001	0.4578	0.0259	
2017-04-12 11:45:00	29.1973	3.8074	0.1112	0.0027	0.0001	0.4578	0.0259	
2017-04-12 12:00:00	29.1786	3.8074	0.1111	0.0027	0.0001	0.4578	0.0259	
2017-04-12 12:15:00	29.1991	3.8074	0.1112	0.0027	0.0001	0.4578	0.0259	
2017-04-12 12:30:00	29.1527	3.8074	0.1110	0.0027	0.0001	0.4578	0.0259	
2017-04-12 12:45:00	29.2124	3.8074	0.1112	0.0495	0.0014	0.4578	0.0259	
2017-04-12 13:00:00	29.2157	3.8074	0.1112	0.0503	0.0015	0.4578	0.0259	
2017-04-12 13:15:00	29.0997	3.8074	0.1108	0.0460	0.0013	0.4578	0.0258	
2017-04-12 13:30:00	29.2208	3.8074	0.1113	0.0460	0.0013	0.4578	0.0259	
2017-04-12 13:45:00	29.3403	3.8074	0.1117	0.0460	0.0013	0.4578	0.0261	
2017-04-12 14:00:00	29.1810 29.0941	3.8074 3.8074	0.1111	0.0460 0.0460	0.0013 0.0013	0.4578	0.0259 0.0258	
2017-04-12 14:15:00 2017-04-12 14:30:00	29.0941 29.1442	3.8074	0.1108 0.1110	0.0460	0.0013	0.4578 0.4578	0.0258	
2017-04-12 14:45:00	28.6270	3.8074	0.1110	0.0460	0.0013	0.4578	0.0254	
2017-04-12 15:00:00	28.4497	3.8074	0.1083	0.0460	0.0013	0.4578	0.0253	
2017-04-12 15:15:00	28.7121	3.8074	0.1093	0.0460	0.0013	0.4578	0.0255	
2017-04-12 15:30:00	28.7152	3.8074	0.1093	0.0460	0.0013	0.4578	0.0255	
2017-04-12 15:45:00	28.7308	3.8074	0.1094	0.0509	0.0015	0.4578	0.0255	
2017-04-12 16:00:00	28.7768	3.8074	0.1096	0.0666	0.0019	0.4578	0.0256	
2017-04-12 16:15:00	28.7585	3.8074	0.1095	0.1218	0.0035	0.4578	0.0255	
2017-04-12 16:30:00	28.7994	3.8074	0.1097	0.1272	0.0037	0.4578	0.0256	
2017-04-12 16:45:00	28.6055	3.8074	0.1089	0.2111	0.0060	0.4578	0.0254	
2017-04-12 17:00:00	28.5708	3.8074	0.1088	0.1848	0.0053	0.4578	0.0254	
2017-04-12 17:15:00 2017-04-12 17:30:00	28.5298 28.3606	3.8074 3.8074	0.1086 0.1080	0.1524 0.1385	0.0043 0.0039	0.4578 0.4578	0.0253 0.0252	
2017-04-12 17:30:00	28.3621	3.8074	0.1080	0.1385	0.0039	0.4578	0.0252	
2017-04-12 17:43:00	28.4433	3.8074	0.1083	0.1348	0.0038	0.4578	0.0253	
2017-04-12 18:15:00	28.4656	3.8074	0.1084	0.0930	0.0026	0.4578	0.0253	
2017-04-12 18:30:00	28.4217	3.8074	0.1082	0.0748	0.0021	0.4578	0.0252	
2017-04-12 18:45:00	28.4169	3.8074	0.1082	0.0597	0.0017	0.4578	0.0252	
2017-04-12 19:00:00	28.3089	3.8074	0.1078	0.0442	0.0012	0.4578	0.0251	
2017-04-12 19:15:00	27.7705	3.8074	0.1057	0.0316	0.0009	0.4578	0.0247	
2017-04-12 19:30:00	27.8615	3.8074	0.1061	0.0316	0.0009	0.4578	0.0247	
2017-04-12 19:45:00	28.0333	3.8074	0.1067	0.0316	0.0009	0.4578	0.0249	
2017-04-12 20:00:00	28.4137	3.8074	0.1082	0.0316	0.0009	0.4578	0.0252	
2017-04-12 20:15:00	28.9210	3.8074	0.1101	0.0316	0.0009	0.4578	0.0257	
2017-04-12 20:30:00	28.8208	3.8074	0.1097	1.5414	0.0444	0.4578	0.0256	
2017-04-12 20:45:00 2017-04-12 21:00:00	28.7613 28.5444	3.8074 3.8074	0.1095 0.1087	2.2780 0.0322	0.0655 0.0009	0.4578 0.4578	0.0255 0.0253	
2017-04-12 21:00:00	28.6996	3.8074	0.1087	0.0322	0.0009	0.4578	0.0255	
2017-04-12 21:30:00	28.5759	3.8074	0.1088	0.0275	0.0008	0.4578	0.0254	
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		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N2O		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-04-12 21:45:00	28.5454	3.8074	0.1087	0.0275	0.0008	0.4578	0.0254	
2017-04-12 22:00:00	28.4793	3.8074	0.1084	0.0275	0.0008	0.4578	0.0253	
2017-04-12 22:15:00	28.5039	3.8074	0.1085	0.0275	0.0008	0.4578	0.0253	
2017-04-12 22:30:00	28.5222	3.8074	0.1086	0.0275	0.0008	0.4578	0.0253	
2017-04-12 22:45:00	28.7305	3.8074	0.1094	0.1369	0.0039	0.4578	0.0255	
2017-04-12 23:00:00	28.7845	3.8074	0.1096	0.0000	0.0000	0.4578	0.0256	
2017-04-12 23:15:00	28.7846	3.8074	0.1096	0.0000	0.0000	0.4578	0.0256	
2017-04-12 23:30:00	28.5229	3.8074	0.1086	0.0000	0.0000	0.4578	0.0253	
2017-04-12 23:45:00	28.4585	3.8074	0.1084	0.0374	0.0011	0.4578	0.0253	
2017-04-13 00:00:00	28.3623	3.8074	0.1080	0.1496	0.0042	0.4578	0.0252	
2017-04-13 00:15:00	28.2107	1541.8716	43.4972	0.0397	0.0011	0.4578	0.0251	
2017-04-13 00:30:00	28.0291	1072.0126	30.0475	0.0282	0.0008	0.4578	0.0249	
2017-04-13 00:45:00	28.1124	59.4969	1.6726	0.0282	0.0008	0.4578	0.0250	
2017-04-13 01:00:00	28.0332	18.9069	0.5300	0.0282	0.0008	0.4578	0.0249	
2017-04-13 01:15:00	28.3689	6.0117	0.1705	0.0282	0.0008	0.4578	0.0252	
2017-04-13 01:30:00	28.4022	6.0117	0.1707	0.0282	0.0008	0.4578	0.0252	
2017-04-13 01:45:00	28.2600	6.0117	0.1699	0.0282	0.0008	0.4578	0.0251	
2017-04-13 02:00:00	28.2921	6.0117	0.1701	0.0282	0.0008	0.4578	0.0251	
2017-04-13 02:15:00	28.4305	6.0117	0.1709	0.0282	0.0008	0.4578	0.0252	
2017-04-13 02:30:00	28.6857	6.0117	0.1725	0.0282	0.0008	0.4578	0.0255	
2017-04-13 02:45:00	28.6908	6.0117	0.1725	0.0282	0.0008	0.4578	0.0255	
2017-04-13 03:00:00 2017-04-13 03:15:00	28.6741	6.0117	0.1724	0.0282 0.0282	0.0008 0.0008	0.4578 0.4578	0.0255 0.0255	
2017-04-13 03:15:00 2017-04-13 03:30:00	28.7321 28.7575	6.0117	0.1727 0.1729	0.0282	0.0008	0.4578 0.4578	0.0255	
2017-04-13 03:30:00	28.7575 28.6946	6.0117 6.0117	0.1729 0.1725	0.0282	0.0008	0.4578	0.0255	
2017-04-13 03:45:00 2017-04-13 04:00:00	28.6946 28.6840	6.0117	0.1725 0.1724	0.0282	0.0008	0.4578	0.0255	
2017-04-13 04:00:00	28.6421	6.0117	0.1724 0.1722	0.0282	0.0008	0.4578	0.0255	
2017-04-13 04:30:00	28.5679	34.2635	0.1722	0.0282	0.0008	0.4578	0.0254	
2017-04-13 04:45:00	28.4266	39.0762	1.1108	0.0282	0.0008	0.4578	0.0254	
2017-04-13 04:43:00	28.5138	19.3110	0.5506	0.0282	0.0008	0.4578	0.0252	
2017-04-13 05:15:00	28.7256	6.0117	0.1727	0.0282	0.0008	0.4578	0.0255	
2017-04-13 05:30:00	28.8182	6.0117	0.1727	0.0282	0.0008	0.4578	0.0256	
2017-04-13 05:45:00	28.9047	6.0117	0.1732	0.0282	0.0008	0.4578	0.0257	
2017-04-13 06:00:00	29.1376	6.0117	0.1752	0.0282	0.0008	0.4578	0.0259	
2017-04-13 06:15:00	29.0883	6.0117	0.1749	0.0282	0.0008	0.4578	0.0258	
2017-04-13 06:30:00	29.2914	27.2464	0.7981	0.0282	0.0008	0.4578	0.0260	
2017-04-13 06:45:00	29.1051	39.0762	1.1373	0.0282	0.0008	0.4578	0.0258	
2017-04-13 07:00:00	29.0751	39.0762	1.1361	0.0282	0.0008	0.4578	0.0258	
2017-04-13 07:15:00	29.1435	39.0762	1.1388	0.0282	0.0008	0.4578	0.0259	
2017-04-13 07:30:00	29.1720	39.0762	1.1399	0.0282	0.0008	0.4578	0.0259	
2017-04-13 07:45:00	21.7032	39.0762	0.8481	0.1299	0.0028	0.4578	0.0193	
2017-04-13 08:00:00	0.0000	39.0762	0.0000	0.1413	0.0000	0.4578	0.0000	
2017-04-13 08:15:00	0.0000	39.0762	0.0000	0.2920	0.0000	0.4578	0.0000	
2017-04-13 08:30:00	0.0000	39.0762	0.0000	0.4112	0.0000	0.4578	0.0000	
2017-04-13 08:45:00	0.0000	39.0762	0.0000	0.3377	0.0000	0.4578	0.0000	
2017-04-13 09:00:00	0.0000	39.0762	0.0000	0.3256	0.0000	0.4578	0.0000	
2017-04-13 09:15:00	0.0000	39.0762	0.0000	0.3673	0.0000	0.4578	0.0000	
2017-04-13 09:30:00	0.0000	39.0762	0.0000	0.3993	0.0000	0.4578	0.0000	
2017-04-13 09:45:00	0.0000	39.0762	0.0000	0.4587	0.0000	0.4578	0.0000	
2017-04-13 10:00:00	0.0000	39.0762	0.0000	0.4952	0.0000	0.4578	0.0000	
2017-04-13 10:15:00	0.0000	39.0762	0.0000	0.5062	0.0000	0.4578	0.0000	
2017-04-13 10:30:00	0.0000	39.0762	0.0000	0.4035	0.0000	0.4578	0.0000	
2017-04-13 10:45:00	0.0000	39.0762	0.0000	0.3863	0.0000	0.4578	0.0000	
2017-04-13 11:00:00	0.0000	39.0762	0.0000	0.4110	0.0000	0.4578	0.0000	
2017-04-13 11:15:00	0.0000	39.0762	0.0000	0.4455	0.0000	0.4578	0.0000	
2017-04-13 11:30:00	0.0000	39.0762	0.0000	0.4860	0.0000	0.4578	0.0000	
2017-04-13 11:45:00	0.0000	42.8008	0.0000	0.4383	0.0000	0.4578	0.0000	
2017-04-13 12:00:00	0.0000	71.9402	0.0000	0.4411	0.0000	0.4578	0.0000	
2017-04-13 12:15:00	0.0000	71.9402	0.0000	0.4100	0.0000	0.4578	0.0000	
2017-04-13 12:30:00	0.0000	71.9402	0.0000	0.4143	0.0000	0.4578	0.0000	
2017-04-13 12:45:00	0.0000	71.9402	0.0000	0.4298	0.0000	0.4578	0.0000	
2017-04-13 13:00:00	0.0000	71.9402	0.0000	0.4158	0.0000	0.4578	0.0000	
2017-04-13 13:15:00	0.0000	71.9402	0.0000	0.4541	0.0000	0.4578	0.0000	
2017-04-13 13:30:00	0.0000	71.9402	0.0000	0.5735	0.0000	0.4578	0.0000	
2017-04-13 13:45:00	0.0000	71.9402	0.0000	0.5192	0.0000	0.4578	0.0000	
2017-04-13 14:00:00	0.0000	71.9402	0.0000	0.3341	0.0000	0.4578	0.0000	
2017-04-13 14:15:00	0.0000	71.9402	0.0000	0.4589	0.0000	0.4578	0.0000	
	0.0000	71.9402	0.0000	0.4851	0.0000	0.4578	0.0000	
2017-04-13 14:30:00			0.0000	0.4685	0.0000	0.4578	0.0000	
2017-04-13 14:30:00 2017-04-13 14:45:00	0.0000	71.9402						
	0.0000 0.0000	71.9402	0.0000	0.5443	0.0000	0.4578	0.0000	
2017-04-13 14:45:00	0.0000		0.0000 0.0000	0.5443 0.6014	0.0000 0.0000	0.4578 0.4578	0.0000 0.0000	
2017-04-13 14:45:00 2017-04-13 15:00:00 2017-04-13 15:15:00 2017-04-13 15:30:00	0.0000 0.0000 0.0000 0.0000	71.9402 71.9402 71.9402	0.0000 0.0000 0.0000	0.6014 0.6281	0.0000 0.0000	0.4578 0.4578	0.0000 0.0000	
2017-04-13 14:45:00 2017-04-13 15:00:00 2017-04-13 15:15:00 2017-04-13 15:30:00 2017-04-13 15:45:00	0.0000 0.0000 0.0000 0.0000 0.0000	71.9402 71.9402 71.9402 71.9402	0.0000 0.0000 0.0000 0.0000	0.6014 0.6281 0.6079	0.0000 0.0000 0.0000	0.4578 0.4578 0.4578	0.0000 0.0000 0.0000	
2017-04-13 14:45:00 2017-04-13 15:00:00 2017-04-13 15:15:00 2017-04-13 15:30:00	0.0000 0.0000 0.0000 0.0000	71.9402 71.9402 71.9402	0.0000 0.0000 0.0000	0.6014 0.6281	0.0000 0.0000	0.4578 0.4578	0.0000 0.0000	

Parameter	ppmv 0.4578 0.4578 0.4578 0.4578	g/s 0.0000
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2017-04-13 18:45:00	0.4578	0.0000
2017-04-13 19:00:00	0.4578	0.0000
2017-04-13 19:15:00	0.4578	0.0000
2017-04-13 19:30:00	0.4578	0.0000
2017-04-13 19:45:00	0.4578	0.0000
2017-04-13 20:00:00	0.4578	0.0000
2017-04-13 20:15:00	0.4578	0.0000
2017-04-13 20:30:00	0.4578	0.0000
2017-04-13 20:45:00	0.4578	0.0000
2017-04-13 21:00:00	0.4578	0.0000
2017-04-13 21:15:00 0.0000 38.8758 0.0000 0.1614 0.0000 2017-04-13 21:30:00 0.0000 38.8758 0.0000 0.1614 0.0000 2017-04-13 21:45:00 0.0000 38.8758 0.0000 0.1614 0.0000 2017-04-13 22:00:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:30:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:45:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:45:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:30:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 23:30:00 0.0000 38.8758 0.0000 0.2669 0.0000 2017-04-13 23:30:00 0.0000 38.8758 0.0000 0.2942 0.0000 2017-04-13 23:30:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-14 00:00:00 0.0000 38.8758	0.4578	0.0000
2017-04-13 21:30:00 0.0000 38.8758 0.0000 0.1614 0.0000 2017-04-13 21:45:00 0.0000 38.8758 0.0000 0.1614 0.0000 2017-04-13 22:00:00 0.0000 38.8758 0.0000 0.1966 0.0000 2017-04-13 22:15:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:45:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:45:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 23:00:00 0.0000 38.8758 0.0000 0.2669 0.0000 2017-04-13 23:15:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-13 23:30:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-14 00:13 23:45:00 0.0000 38.8758 0.0000 0.1304 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:00:00 0.0000 38.8758 </td <td>0.4578</td> <td>0.0000</td>	0.4578	0.0000
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2017-04-13 22:00:00 0.0000 38.8758 0.0000 0.1966 0.0000 2017-04-13 22:15:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:30:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:45:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 23:00:00 0.0000 38.8758 0.0000 0.2669 0.0000 2017-04-13 23:15:00 0.0000 38.8758 0.0000 0.2942 0.0000 2017-04-13 23:45:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.364 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758	0.4578	0.0000
2017-04-13 22:15:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:30:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:45:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 23:00:00 0.0000 38.8758 0.0000 0.2669 0.0000 2017-04-13 23:30:00 0.0000 38.8758 0.0000 0.2942 0.0000 2017-04-13 23:30:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-13 23:345:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.1304 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758	0.4578	0.0000
2017-04-13 22:30:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 22:45:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 23:00:00 0.0000 38.8758 0.0000 0.2669 0.0000 2017-04-13 23:315:00 0.0000 38.8758 0.0000 0.2942 0.0000 2017-04-13 23:345:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-13 23:45:00 0.0000 38.8758 0.0000 0.1304 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.364 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758	0.4578	0.0000
2017-04-13 22:45:00 0.0000 38.8758 0.0000 0.2184 0.0000 2017-04-13 23:00:00 0.0000 38.8758 0.0000 0.2669 0.0000 2017-04-13 23:15:00 0.0000 38.8758 0.0000 0.2942 0.0000 2017-04-13 23:30:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-13 23:45:00 0.0000 38.8758 0.0000 0.1304 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758	0.4578	0.0000
2017-04-13 23:00:00 0.0000 38.8758 0.0000 0.2669 0.0000 2017-04-13 23:15:00 0.0000 38.8758 0.0000 0.2942 0.0000 2017-04-13 23:35:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-14 20:36:00 0.0000 38.8758 0.0000 0.1304 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758	0.4578	0.0000
2017-04-13 23:15:00 0.0000 38.8758 0.0000 0.2942 0.0000 2017-04-13 23:30:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.1304 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:35:00 0.0000 38.8758	0.4578	0.0000
2017-04-13 23:30:00 0.0000 38.8758 0.0000 0.2967 0.0000 2017-04-13 23:45:00 0.0000 38.8758 0.0000 0.1304 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758	0.4578	0.0000
2017-04-13 23:45:00 0.0000 38.8758 0.0000 0.1304 0.0000 2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:15:00 0.0000 38.8758	0.4578	0.0000
2017-04-14 00:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:45:00 0.0000 38.8758	0.4578	0.0000
2017-04-14 00:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:50:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:35:00 0.0000 38.8758	0.4578	0.0000
2017-04-14 00:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 00:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:35:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:00:00 0.0000 38.8758	0.4578	0.0000
2017-04-14 00:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:05:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:02:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:05:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:05:00 0.0000 38.8758	0.4578	0.0000
2017-04-14 01:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758	0.4578	0.0000
2017-04-14 01:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:35:00 0.0000 38.8758 0.0000 0.0364 0.0000	0.4578	0.0000
2017-04-14 01:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 01:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:30:00 0.0000 38.8758 0.0000 0.0364 0.0000	0.4578	0.0000
2017-04-14 01:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:30:00 0.0000 38.8758 0.0000 0.0779 0.0000	0.4578	0.0000
2017-04-14 02:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:30:00 0.0000 38.8758 0.0000 0.0364 0.0000	0.4578	0.0000
2017-04-14 02:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:30:00 0.0000 38.8758 0.0000 0.0779 0.0000	0.4578	0.0000
2017-04-14 02:30:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 02:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:30:00 0.0000 38.8758 0.0000 0.0779 0.0000	0.4578	0.0000
2017-04-14 02:45:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:00:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:30:00 0.0000 38.8758 0.0000 0.0779 0.0000	0.4578	0.0000
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2017-04-14 03:15:00 0.0000 38.8758 0.0000 0.0364 0.0000 2017-04-14 03:30:00 0.0000 38.8758 0.0000 0.0779 0.0000	0.4578	0.0000
2017-04-14 03:30:00 0.0000 38.8758 0.0000 0.0779 0.0000	0.4578	0.0000
	0.4578	0.0000
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2017-04-14 03:45:00	0.4578	0.0000
2017-04-14 04:00:00 0.0000 38.8758 0.0000 0.1032 0.0000	0.4578	0.0000
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2017-04-14 04:30:00 0.0000 38.8758 0.0000 0.1647 0.0000	0.4578	0.0000
2017-04-14 04:45:00 0.0000 38.8758 0.0000 0.1538 0.0000	0.4578	0.0000
2017-04-14 05:00:00 0.0000 38.8758 0.0000 0.1511 0.0000	0.4578	0.0000
2017-04-14 05:15:00	0.4578	0.0000
2017-04-14 05:30:00	0.4578	0.0000
2017-04-14 05:45:00	0.4578	0.0000
2017-04-14 06:00:00 0.0000 38.8758 0.0000 0.0446 0.0000	0.4578	0.0000
2017-04-14 06:15:00 0.0000 38.8758 0.0000 0.0446 0.0000	0.4578	0.0000
2017-04-14 06:30:00 0.0000 38.8758 0.0000 0.0446 0.0000	0.4578	0.0000
2017-04-14 06:45:00 0.0000 38.8758 0.0000 0.1237 0.0000	0.4578	0.0000
2017-04-14 07:00:00 0.0000 38.8758 0.0000 0.4911 0.0000	0.4578	0.0000
2017-04-14 07:15:00 0.0000 38.8758 0.0000 0.4340 0.0000	0.4578	0.0000
2017-04-14 07:30:00 0.0000 38.8758 0.0000 0.4900 0.0000	0.4578	0.0000
2017-04-14 07:45:00 0.0000 38.8758 0.0000 0.5104 0.0000	0.4578	0.0000
2017-04-14 08:00:00 0.0000 38.8758 0.0000 0.3816 0.0000	0.4578	0.0000
2017-04-14 08:15:00 0.0000 38.8758 0.0000 0.3441 0.0000	0.4578	0.0000
2017-04-14 08:30:00 0.0000 38.8758 0.0000 0.1994 0.0000	0.4578	0.0000
2017-04-14 08:45:00 0.0000 38.8758 0.0000 0.1298 0.0000	0.4578	0.0000
2017-04-14 09:00:00 0.0000 38.8758 0.0000 0.0969 0.0000	0.4578	0.0000
2017-04-14 09:15:00 0.0000 38.8758 0.0000 0.0826 0.0000	0.4578	0.0000
2017-04-14 09:30:00 0.0000 38.8758 0.0000 0.0228 0.0000	0.4578	0.0000
2017-04-14 09:45:00 0.0000 38.8758 0.0000 0.0137 0.0000	0.4578	0.0000
2017-04-14 10:00:00 0.0000 38.8758 0.0000 0.0137 0.0000	0.4578	0.0000
2017-04-14 10:15:00	0.4578	0.0000
2017-04-14 10:30:00 0.0000 38.8758 0.0000 0.2018 0.0000	0.4578	0.0000
2017-04-14 10:45:00 0.0000 38.8758 0.0000 0.0570 0.0000	0.4578	0.0000
2017-04-14 11:00:00 0.0000 38.8758 0.0000 0.0364 0.0000	0.4578	0.0000

		Point Source Air F	Point Source Air Emissions - A2 Nitric Acid Stack					
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-04-14 11:15:00	0.0000	38.8758	0.0000	0.0364	0.0000	0.4578	0.0000	
2017-04-14 11:30:00	0.0000	38.8758	0.0000	0.0364	0.0000	0.4578	0.0000	
2017-04-14 11:45:00	0.0000	38.8758	0.0000	0.0364	0.0000	0.4578	0.0000	
2017-04-14 12:00:00	0.0000	38.8758	0.0000	0.0364	0.0000	0.4578	0.0000	
2017-04-14 12:15:00	0.0000	38.8758	0.0000	0.0364	0.0000	0.4578	0.0000	
2017-04-14 12:30:00	0.0000	38.8758	0.0000	0.0397	0.0000	0.4578	0.0000	
2017-04-14 12:45:00	0.0000	38.8758	0.0000	0.0518	0.0000	0.4578	0.0000	
2017-04-14 13:00:00	0.0000	38.8758	0.0000	0.0511	0.0000	0.4578	0.0000	
2017-04-14 13:15:00	0.0000	38.8758	0.0000	0.0359	0.0000	0.4578	0.0000	
2017-04-14 13:30:00	0.0000	38.8758	0.0000	0.0220	0.0000	0.4578	0.0000	
2017-04-14 13:45:00	0.0000	38.8758	0.0000	0.0220	0.0000	0.4578	0.0000	
2017-04-14 14:00:00	0.0000	38.8758	0.0000	0.0911	0.0000	0.4578	0.0000	
2017-04-14 14:15:00	0.0000	38.8758	0.0000	0.0964	0.0000	0.4578	0.0000	
2017-04-14 14:30:00	0.0000	38.8758	0.0000	0.1001	0.0000	0.4578	0.0000	
2017-04-14 14:45:00	0.0000	38.8758	0.0000	0.1031	0.0000	0.4578	0.0000	
2017-04-14 15:00:00	0.0000	38.8758	0.0000	0.1739	0.0000	0.4578	0.0000	
2017-04-14 15:15:00	0.0000	38.8758	0.0000	0.1890	0.0000	0.4578	0.0000	
2017-04-14 15:30:00	0.0000	38.8758	0.0000	0.2265	0.0000	0.4578	0.0000	
2017-04-14 15:45:00	0.0000	38.8758	0.0000	0.3059	0.0000	0.4578	0.0000	
2017-04-14 16:00:00	0.0000	38.8758	0.0000	0.2945	0.0000	0.4578	0.0000	
2017-04-14 16:15:00	0.0000	38.8758	0.0000	0.2623	0.0000	0.4578	0.0000	
2017-04-14 16:30:00	0.0000	38.8758	0.0000	0.2686	0.0000	0.4578	0.0000	
2017-04-14 16:45:00	0.0000	38.8758	0.0000 0.0000	0.2618 0.2501	0.0000	0.4578	0.0000	
2017-04-14 17:00:00 2017-04-14 17:15:00	0.0000 0.0000	38.8758 38.8758	0.0000	0.2501 0.2055	0.0000 0.0000	0.4578 0.4578	0.0000	
				0.2055				
2017-04-14 17:30:00 2017-04-14 17:45:00	0.0000 0.0000	38.8758 38.8758	0.0000 0.0000	0.2046	0.0000 0.0000	0.4578 0.4578	0.0000	
2017-04-14 17:45:00	0.0000	38.8758	0.0000	0.2046	0.0000	0.4578	0.0000	
2017-04-14 18:00:00	0.0000	38.8758	0.0000	0.2803	0.0000	0.4578	0.0000	
2017-04-14 18:13:00	0.0000	38.8758	0.0000	0.2349	0.0000	0.4578	0.0000	
2017-04-14 18:45:00	0.0000	38.8758	0.0000	0.1669	0.0000	0.4578	0.0000	
2017-04-14 19:00:00	0.0000	38.8758	0.0000	0.1669	0.0000	0.4578	0.0000	
2017-04-14 19:15:00	0.0000	38.8758	0.0000	0.1669	0.0000	0.4578	0.0000	
2017-04-14 19:30:00	0.0000	38.8758	0.0000	0.1669	0.0000	0.4578	0.0000	
2017-04-14 19:45:00	0.0000	38.8758	0.0000	0.1328	0.0000	0.4578	0.0000	
2017-04-14 20:00:00	0.0000	38.8758	0.0000	0.1798	0.0000	0.4578	0.0000	
2017-04-14 20:15:00	0.0000	38.8758	0.0000	0.1718	0.0000	0.4578	0.0000	
2017-04-14 20:30:00	0.0000	38.8758	0.0000	0.1662	0.0000	0.4578	0.0000	
2017-04-14 20:45:00	0.0000	38.8758	0.0000	0.1607	0.0000	0.4578	0.0000	
2017-04-14 21:00:00	0.0000	38.8758	0.0000	0.0622	0.0000	0.4578	0.0000	
2017-04-14 21:15:00	0.0000	38.8758	0.0000	0.2440	0.0000	0.4578	0.0000	
2017-04-14 21:30:00	0.0000	38.8758	0.0000	0.3895	0.0000	0.4578	0.0000	
2017-04-14 21:45:00	0.0000	38.8758	0.0000	0.0773	0.0000	0.4578	0.0000	
2017-04-14 22:00:00	0.0000	38.8758	0.0000	0.0242	0.0000	0.4578	0.0000	
2017-04-14 22:15:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-14 22:30:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-14 22:45:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-14 23:00:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-14 23:15:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-14 23:30:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-14 23:45:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 00:00:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 00:15:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 00:30:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 00:45:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 01:00:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 01:15:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 01:30:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 01:45:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 02:00:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 02:15:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 02:30:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 02:45:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 03:00:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 03:15:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 03:30:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 03:45:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 04:00:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 04:15:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 04:30:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 04:45:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
2017-04-15 05:00:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	
			0.0000	0.0158	0.0000	0.4570	0.0000	
2017-04-15 05:15:00	0.0000	38.8758	0.0000	0.0136	0.0000	0.4578	0.0000	
2017-04-15 05:15:00 2017-04-15 05:30:00	0.0000 0.0000	38.8758 38.8758	0.0000	0.0158	0.0000	0.4578	0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-15 06:00:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000
2017-04-15 06:15:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000
2017-04-15 06:30:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000
2017-04-15 06:45:00	0.0191	38.8758	0.0007	0.0158	0.0000	0.4578	0.0000
2017-04-15 07:00:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000
2017-04-15 07:15:00	0.0000	38.8758	0.0000	0.0158	0.0000	0.4578	0.0000
2017-04-15 07:30:00	0.0000	38.8758	0.0000	0.0292	0.0000	0.4578	0.0000
2017-04-15 07:45:00	0.0000	38.8758	0.0000	0.0681	0.0000	0.4578	0.0000
2017-04-15 08:00:00	0.0000	38.8758	0.0000	0.0275	0.0000	0.4578	0.0000
2017-04-15 08:15:00	0.0000	38.8758	0.0000	0.0275	0.0000	0.4578	0.0000
2017-04-15 08:30:00	0.0000	38.8758	0.0000	0.0275	0.0000	0.4578	0.0000
2017-04-15 08:45:00	0.0181	38.8758	0.0007	0.0275	0.0000	0.4578	0.0000
2017-04-15 09:00:00	0.0000	38.8758	0.0000	0.0275	0.0000	0.4578	0.0000
2017-04-15 09:15:00	0.0000	38.8758	0.0000	0.0275	0.0000	0.4578	0.0000
2017-04-15 09:30:00	0.0392	38.8758	0.0015	0.0275	0.0000	0.4578	0.0000
2017-04-15 09:45:00	0.0000	38.8758	0.0000	0.2575	0.0000	0.4578	0.0000
2017-04-15 10:00:00	0.0000	38.8758	0.0000	0.3756	0.0000	0.4578	0.0000
2017-04-15 10:15:00	0.0000	38.8758	0.0000	0.1857	0.0000	0.4578	0.0000
2017-04-15 10:30:00	0.0000	38.8758	0.0000	0.2528	0.0000	0.4578	0.0000
2017-04-15 10:45:00	0.0000	38.8758	0.0000	0.0845	0.0000	0.4578	0.0000
2017-04-15 11:00:00	0.0000	38.8758	0.0000	0.0167	0.0000	0.4578	0.0000
2017-04-15 11:15:00	0.0000	38.8758	0.0000	0.0440	0.0000	0.4578	0.0000
2017-04-15 11:30:00	0.0000	38.8758	0.0000	0.0782	0.0000	0.4578	0.0000
2017-04-15 11:45:00	0.0000	38.8758	0.0000	0.0343	0.0000	0.4578	0.0000
2017-04-15 12:00:00	0.0000	38.8758	0.0000	0.0343	0.0000	0.4578	0.0000
2017-04-15 12:15:00 2017-04-15 12:30:00	0.0000	38.8758	0.0000	0.1354	0.0000 0.0000	0.4578	0.0000
	0.0000	38.8758	0.0000	0.3032		0.4578	0.0000
2017-04-15 12:45:00	0.0000	38.8758	0.0000	0.1650	0.0000	0.4578	0.0000
2017-04-15 13:00:00	0.0000	38.8758	0.0000	0.3107	0.0000	0.4578	0.0000
2017-04-15 13:15:00 2017-04-15 13:30:00	0.0000 0.0195	38.8758 38.8758	0.0000 0.0008	0.2718 0.0405	0.0000 0.0000	0.4578 0.4578	0.0000
2017-04-15 13:30:00	0.1007	38.8758	0.0008	0.0403	0.0000	0.4578	0.0001
2017-04-15 13:45:00	0.1007	38.8758	0.0039	0.0713	0.0000	0.4578	0.0001
2017-04-15 14:00:00	0.0000	38.8758	0.0007	0.0751	0.0000	0.4578	0.0000
2017-04-15 14:13:00	0.0000	38.8758	0.0000	0.0443	0.0000	0.4578	0.0000
2017-04-15 14:45:00	0.0000	38.8758	0.0000	0.0147	0.0000	0.4578	0.0000
2017-04-15 15:00:00	0.0000	38.8758	0.0000	0.0099	0.0000	0.4578	0.0000
2017-04-15 15:00:00	0.0181	38.8758	0.0007	0.1353	0.0000	0.4578	0.0000
2017-04-15 15:30:00	0.0552	38.8758	0.0007	0.1333	0.0000	0.4578	0.0000
2017-04-15 15:35:00	0.0182	38.8758	0.0021	0.2752	0.0000	0.4578	0.0000
2017-04-15 15:45:00	0.0000	38.8758	0.0007	0.2523	0.0000	0.4578	0.0000
2017-04-15 16:15:00	0.0412	38.8758	0.0016	0.1164	0.0000	0.4578	0.0000
2017-04-15 16:30:00	0.0000	38.8758	0.0000	0.1769	0.0000	0.4578	0.0000
2017-04-15 16:45:00	0.0430	38.8758	0.0017	0.1633	0.0000	0.4578	0.0000
2017-04-15 17:00:00	0.0375	38.8758	0.0017	0.2105	0.0000	0.4578	0.0000
2017-04-15 17:15:00	0.0000	38.8758	0.0000	0.4526	0.0000	0.4578	0.0000
2017-04-15 17:30:00	0.0000	38.8758	0.0000	0.4129	0.0000	0.4578	0.0000
2017-04-15 17:45:00	0.0000	38.8758	0.0000	0.3889	0.0000	0.4578	0.0000
2017-04-15 18:00:00	0.0207	38.8758	0.0008	0.4391	0.0000	0.4578	0.0000
2017-04-15 18:15:00	0.0188	38.8758	0.0007	0.3918	0.0000	0.4578	0.0000
2017-04-15 18:30:00	0.0000	38.8758	0.0000	0.7623	0.0000	0.4578	0.0000
2017-04-15 18:45:00	0.0000	38.8758	0.0000	0.3882	0.0000	0.4578	0.0000
2017-04-15 19:00:00	0.0000	38.8758	0.0000	0.4688	0.0000	0.4578	0.0000
2017-04-15 19:15:00	0.0424	38.8758	0.0016	0.3358	0.0000	0.4578	0.0000
2017-04-15 19:30:00	0.0000	38.8758	0.0000	0.4347	0.0000	0.4578	0.0000
2017-04-15 19:45:00	0.0000	38.8758	0.0000	0.6675	0.0000	0.4578	0.0000
2017-04-15 20:00:00	0.0000	38.8758	0.0000	0.6965	0.0000	0.4578	0.0000
2017-04-15 20:15:00	0.0553	38.8758	0.0021	0.5252	0.0000	0.4578	0.0000
2017-04-15 20:30:00	0.1098	38.8758	0.0043	0.2245	0.0000	0.4578	0.0001
2017-04-15 20:45:00	0.1453	38.8758	0.0056	0.0945	0.0000	0.4578	0.0001
2017-04-15 21:00:00	0.5250	38.8758	0.0204	0.0453	0.0000	0.4578	0.0005
2017-04-15 21:15:00	0.8241	38.8758	0.0320	0.0453	0.0000	0.4578	0.0007
2017-04-15 21:30:00	0.5275	38.8758	0.0205	0.0453	0.0000	0.4578	0.0005
2017-04-15 21:45:00	0.1119	38.8758	0.0044	0.0734	0.0000	0.4578	0.0001
2017-04-15 22:00:00	0.1661	38.8758	0.0065	0.0556	0.0000	0.4578	0.0001
2017-04-15 22:15:00	0.0924	38.8758	0.0036	0.0589	0.0000	0.4578	0.0001
2017-04-15 22:30:00	0.1475	38.8758	0.0057	0.1708	0.0000	0.4578	0.0001
2017-04-15 22:45:00	0.5978	38.8758	0.0232	0.0821	0.0000	0.4578	0.0005
2017-04-15 23:00:00	0.2355	38.8758	0.0092	0.0916	0.0000	0.4578	0.0002
2017-04-15 23:15:00	0.1843	38.8758	0.0072	0.2109	0.0000	0.4578	0.0002
	0.4730	38.8758	0.0184	0.1534	0.0001	0.4578	0.0004
2017-04-15 23:30:00	0.4730					-	-
	1.7386	38.8758	0.0676	0.0468	0.0001	0.4578	0.0015
2017-04-15 23:30:00			0.0676 0.0688	0.0468 0.0371	0.0001 0.0001	0.4578 0.4578	0.0015 0.0016
2017-04-15 23:30:00 2017-04-15 23:45:00	1.7386	38.8758					

Parameter	Volumetric Flow Rate		missions - A2 Nitric Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-16 00:45:00	0.7265	38.8758	0.0282	0.0371	0.0000	0.4578	0.0006
2017-04-16 01:00:00	0.4386	38.8758	0.0171	0.0371	0.0000	0.4578	0.0004
2017-04-16 01:15:00	0.0380	38.8758	0.0015	0.0371	0.0000	0.4578	0.0000
2017-04-16 01:30:00	0.0180 0.0000	38.8758	0.0007 0.0000	0.0371 0.0371	0.0000 0.0000	0.4578 0.4578	0.0000
2017-04-16 01:45:00 2017-04-16 02:00:00	0.0000	38.8758 38.8758	0.0000	0.0371	0.0000	0.4578	0.0000
2017-04-16 02:00:00	0.0000	38.8758	0.0000	0.0371	0.0000	0.4578	0.0000
2017-04-16 02:15:00	0.0000	38.8758	0.0000	0.0371	0.0000	0.4578	0.0000
2017-04-16 02:45:00	0.0000	38.8758	0.0000	0.0371	0.0000	0.4578	0.0000
2017-04-16 03:00:00	0.0000	38.8758	0.0000	0.0371	0.0000	0.4578	0.0000
2017-04-16 03:15:00	0.0000	38.8758	0.0000	0.0371	0.0000	0.4578	0.0000
2017-04-16 03:30:00	0.0000	38.8758	0.0000	0.0371	0.0000	0.4578	0.0000
2017-04-16 03:45:00	0.0000	38.8758	0.0000	0.0371	0.0000	0.4578	0.0000
2017-04-16 04:00:00	0.0190	38.8758	0.0007	0.0371	0.0000	0.4578	0.0000
2017-04-16 04:15:00	0.0185	38.8758	0.0007	0.0371	0.0000	0.4578	0.0000
2017-04-16 04:30:00	0.0190	38.8758	0.0007	0.0371	0.0000	0.4578	0.0000
2017-04-16 04:45:00	0.0000	38.8758	0.0000	0.0109	0.0000	0.4578	0.0000
2017-04-16 05:00:00	0.0372	38.8758	0.0014	0.0000	0.0000	0.4578	0.0000
2017-04-16 05:15:00	0.0000	38.8758	0.0000	0.0000	0.0000	0.4578	0.0000
2017-04-16 05:30:00	0.0370	38.8758	0.0014	0.0000	0.0000	0.4578	0.0000
2017-04-16 05:45:00	0.0379	38.8758	0.0015	0.0000	0.0000	0.4578	0.0000
2017-04-16 06:00:00	0.0000	38.8758	0.0000	0.0000	0.0000	0.4578	0.0000
2017-04-16 06:15:00	0.0181	38.8758	0.0007	0.0000	0.0000	0.4578	0.0000
2017-04-16 06:30:00	0.1154	38.8758	0.0045	0.0000	0.0000	0.4578	0.0001
2017-04-16 06:45:00	0.2194	38.8758	0.0085	0.0000	0.0000	0.4578	0.0002
2017-04-16 07:00:00	0.7921	38.8758	0.0308	0.0862	0.0001	0.4578	0.0007
2017-04-16 07:15:00	1.2350	38.8758	0.0480	0.1755	0.0002	0.4578	0.0011
2017-04-16 07:30:00	0.3424	38.8758	0.0133	0.1587	0.0001	0.4578	0.0003
2017-04-16 07:45:00	0.1477	38.8758	0.0057	0.1357	0.0000	0.4578	0.0001
2017-04-16 08:00:00	0.6049	38.8758	0.0235	0.1436	0.0001	0.4578	0.0005
2017-04-16 08:15:00	0.4941	38.8758	0.0192	0.1561	0.0001	0.4578	0.0004
2017-04-16 08:30:00	0.7862	38.8758	0.0306 0.0104	0.2224	0.0002 0.0000	0.4578 0.4578	0.0007 0.0002
2017-04-16 08:45:00 2017-04-16 09:00:00	0.2674 0.2268	38.8758 38.8758	0.0104	0.1109 0.0693	0.0000		0.0002
2017-04-16 09:00:00	0.2343	38.8758 38.8758	0.0088	0.0693	0.0000	0.4578 0.4578	0.0002
2017-04-16 09:15:00	0.2343	38.8758	0.0001	0.0349	0.0000	0.4578	0.0002
2017-04-16 09:45:00	0.0000	38.8758	0.0000	0.0428	0.0000	0.4578	0.0000
2017-04-16 10:00:00	0.0000	38.8758	0.0000	0.0385	0.0000	0.4578	0.0000
2017-04-16 10:05:00	0.0000	38.8758	0.0000	0.0385	0.0000	0.4578	0.0000
2017-04-16 10:30:00	0.0616	38.8758	0.0024	0.0385	0.0000	0.4578	0.0001
2017-04-16 10:45:00	0.0208	38.8758	0.0008	0.0407	0.0000	0.4578	0.0000
2017-04-16 11:00:00	0.3190	38.8758	0.0124	0.0864	0.0000	0.4578	0.0003
2017-04-16 11:15:00	0.0366	38.8758	0.0014	0.1951	0.0000	0.4578	0.0000
2017-04-16 11:30:00	0.0952	38.8758	0.0037	0.3076	0.0000	0.4578	0.0001
2017-04-16 11:45:00	0.0000	38.8758	0.0000	0.5364	0.0000	0.4578	0.0000
2017-04-16 12:00:00	0.0209	38.8758	0.0008	0.7373	0.0000	0.4578	0.0000
2017-04-16 12:15:00	0.0186	38.8758	0.0007	0.6603	0.0000	0.4578	0.0000
2017-04-16 12:30:00	0.0390	38.8758	0.0015	0.6810	0.0000	0.4578	0.0000
2017-04-16 12:45:00	0.0183	38.8758	0.0007	1.0848	0.0000	0.4578	0.0000
2017-04-16 13:00:00	0.1306	38.8758	0.0051	1.1054	0.0001	0.4578	0.0001
2017-04-16 13:15:00	0.0191	38.8758	0.0007	1.1763	0.0000	0.4578	0.0000
2017-04-16 13:30:00	0.2774	38.8758	0.0108	1.0123	0.0003	0.4578	0.0002
2017-04-16 13:45:00	0.8009	38.8758	0.0311	0.8702	0.0007	0.4578	0.0007
2017-04-16 14:00:00	1.1215	38.8758	0.0436	0.3847	0.0004	0.4578	0.0010
2017-04-16 14:15:00	1.9563	38.8758	0.0761	0.0563	0.0001	0.4578	0.0017
2017-04-16 14:30:00	0.7164	38.8758	0.0279	0.0870	0.0001	0.4578	0.0006
2017-04-16 14:45:00	1.4267	38.8758	0.0555	0.1170	0.0002	0.4578	0.0013
2017-04-16 15:00:00	0.8634	38.8758	0.0336	0.0141	0.0000	0.4578	0.0008
2017-04-16 15:15:00	0.8580	38.8758	0.0334	0.0082	0.0000	0.4578	0.0008
2017-04-16 15:30:00	0.1306	38.8758	0.0051	0.0116	0.0000	0.4578	0.0001
2017-04-16 15:45:00	0.1541	38.8758	0.0060	0.0788	0.0000	0.4578	0.0001
2017-04-16 16:00:00	0.4099	38.8758	0.0159	0.0336	0.0000	0.4578	0.0004
2017-04-16 16:15:00	0.4080	38.8758	0.0159	0.0082	0.0000	0.4578	0.0004
2017-04-16 16:30:00 2017-04-16 16:45:00	0.4456 0.3953	38.8758 38.8758	0.0173 0.0154	0.0082 0.0082	0.0000 0.0000	0.4578 0.4578	0.0004 0.0004
2017-04-16 16:45:00	0.3953	38.8758 38.8758	0.0154	0.0082	0.0000	0.4578	0.0004
2017-04-16 17:00:00	0.4797	38.8758 38.8758	0.0274	0.0082	0.0000	0.4578	0.0006
2017-04-16 17:13:00	0.4797	38.8758	0.0108	0.0082	0.0000	0.4578	0.0004
2017-04-16 17:30:00	0.2789	38.8758	0.0108	0.0082	0.0000	0.4578	0.0002
2017-04-16 17:45:00	0.0736	38.8758	0.0080	0.1671	0.0000	0.4578	0.0001
2017-04-16 18:00:00	0.0389	38.8758	0.0029	0.3758	0.0000	0.4578	0.0001
-01, OT 10 10.1J.00					0.0000		0.0000
2017-04-16 18-30-00	0 0000	38 8758	0 0000	11 h4/×		11 45 /×	
2017-04-16 18:30:00 2017-04-16 18:45:00	0.0000 0.0374	38.8758 38.8758	0.0000 0.0015	0.6928 0.7222		0.4578 0.4578	
2017-04-16 18:30:00 2017-04-16 18:45:00 2017-04-16 19:00:00	0.0000 0.0374 0.0000	38.8758 38.8758 38.8758	0.0000 0.0015 0.0000	0.7222 0.4040	0.0000 0.0000 0.0000	0.4578 0.4578 0.4578	0.0000

		Point Source Air E	missions - A2 Nitric	c Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-04-16 19:30:00	2.1808	38.8758	0.0848	0.0792	0.0002	0.4578	0.0019	
2017-04-16 19:45:00	3.5612	38.8758	0.1384	0.0512	0.0002	0.4578	0.0032	
2017-04-16 20:00:00	3.6904	38.8758	0.1435	0.1351	0.0005	0.4578	0.0033	
2017-04-16 20:15:00	3.0314	38.8758	0.1178	0.1815	0.0006	0.4578	0.0027	
2017-04-16 20:30:00	3.4260	38.8758	0.1332	0.2152	0.0007	0.4578	0.0030	
2017-04-16 20:45:00	3.2757	38.8758	0.1273	0.2213	0.0007	0.4578	0.0029	
2017-04-16 21:00:00	3.4902	38.8758	0.1357	0.1040	0.0004	0.4578	0.0031	
2017-04-16 21:15:00	3.7669	38.8758	0.1464	0.1474	0.0006	0.4578	0.0033	
2017-04-16 21:30:00	3.7749	38.8758	0.1468	0.1520	0.0006	0.4578	0.0034	
2017-04-16 21:45:00	3.7749	38.8758	0.1468	0.0644	0.0002	0.4578	0.0034	
2017-04-16 22:00:00	3.7749	38.8758	0.1468	0.1085	0.0004	0.4578	0.0034	
2017-04-16 22:15:00	3.7749	38.8758	0.1468	0.0542	0.0002	0.4578	0.0034	
2017-04-16 22:30:00	3.7749	38.8758	0.1468	0.1488	0.0006	0.4578	0.0034	
2017-04-16 22:45:00	3.8639	38.8758	0.1502	0.2535	0.0010	0.4578	0.0034	
2017-04-16 23:00:00	3.8082	38.8758	0.1480	0.1512	0.0006	0.4578	0.0034	
2017-04-16 23:15:00	3.8082	38.8758	0.1480	0.0892	0.0003	0.4578	0.0034	
2017-04-16 23:30:00	3.8082	38.8758	0.1480	0.0955	0.0004	0.4578	0.0034	
2017-04-16 23:45:00	3.8082	38.8758	0.1480	0.2468	0.0009	0.4578	0.0034	
2017-04-17 00:00:00	3.8082	38.8758	0.1480	0.2130	0.0008	0.4578	0.0034	
2017-04-17 00:15:00	2.1419	38.8758	0.0833	0.2374	0.0005	0.4578	0.0019	
2017-04-17 00:30:00	1.6047	38.8758	0.0624	0.1780	0.0003	0.4578	0.0014	
2017-04-17 00:45:00 2017-04-17 01:00:00	1.4259	38.8758	0.0554 0.0505	0.2369 0.2916	0.0003 0.0004	0.4578 0.4578	0.0013 0.0012	
2017-04-17 01:00:00 2017-04-17 01:15:00	1.2979 3.2781	38.8758 38.8758	0.0505	0.2916	0.0004		0.0012	
2017-04-17 01:15:00 2017-04-17 01:30:00	3.2781 3.5271	38.8758 38.8758	0.1274 0.1371	0.3531	0.0012	0.4578 0.4578	0.0029	
2017-04-17 01:45:00 2017-04-17 02:00:00	3.2920 1.6496	38.8758 38.8758	0.1280 0.0641	0.3381 0.3863	0.0011 0.0006	0.4578 0.4578	0.0029 0.0015	
2017-04-17 02:00:00	0.0000	38.8758	0.0000	0.0374	0.0000	0.4578	0.0000	
2017-04-17 02:13:00	0.0933	38.8758	0.0036	0.0374	0.0000	0.4578	0.0001	
2017-04-17 02:30:00	0.3153	38.8758	0.0123	0.1180	0.0000	0.4578	0.0001	
2017-04-17 02:43:00	1.4830	38.8758	0.0123	0.0503	0.0001	0.4578	0.0003	
2017-04-17 03:00:00	3.6586	38.8758	0.1422	0.0247	0.0001	0.4578	0.0013	
2017-04-17 03:15:00	3.8575	38.8758	0.1500	0.0117	0.0001	0.4578	0.0032	
2017-04-17 03:45:00	3.8575	38.8758	0.1500	0.0117	0.0000	0.4578	0.0034	
2017-04-17 04:00:00	3.8575	38.8758	0.1500	0.0117	0.0000	0.4578	0.0034	
2017-04-17 04:15:00	3.8575	38.8758	0.1500	0.0117	0.0000	0.4578	0.0034	
2017-04-17 04:30:00	3.8575	38.8758	0.1500	0.0117	0.0000	0.4578	0.0034	
2017-04-17 04:45:00	3.8575	38.8758	0.1500	0.0117	0.0000	0.4578	0.0034	
2017-04-17 05:00:00	3.9275	38.8758	0.1507	0.0117	0.0000	0.4578	0.0035	
2017-04-17 05:15:00	4.3492	38.8758	0.1691	0.0117	0.0001	0.4578	0.0039	
2017-04-17 05:30:00	4.3492	38.8758	0.1691	0.0117	0.0001	0.4578	0.0039	
2017-04-17 05:45:00	4.3492	38.8758	0.1691	0.0117	0.0001	0.4578	0.0039	
2017-04-17 06:00:00	3.8712	38.8758	0.1505	0.0117	0.0000	0.4578	0.0034	
2017-04-17 06:15:00	3.9945	38.8758	0.1553	0.0117	0.0000	0.4578	0.0035	
2017-04-17 06:30:00	4.0115	38.8758	0.1560	0.0117	0.0000	0.4578	0.0036	
2017-04-17 06:45:00	3.1053	38.8758	0.1207	0.0955	0.0003	0.4578	0.0028	
2017-04-17 07:00:00	2.9080	38.8758	0.1130	0.1437	0.0004	0.4578	0.0026	
2017-04-17 07:15:00	2.1514	38.8758	0.0836	0.1429	0.0003	0.4578	0.0019	
2017-04-17 07:30:00	2.2611	38.8758	0.0879	0.1715	0.0004	0.4578	0.0020	
2017-04-17 07:45:00	3.3707	38.8758	0.1310	0.2609	0.0009	0.4578	0.0030	
2017-04-17 08:00:00	3.1315	38.8758	0.1217	0.0337	0.0001	0.4578	0.0028	
2017-04-17 08:15:00	2.1254	38.8758	0.0826	0.0857	0.0002	0.4578	0.0019	
2017-04-17 08:30:00	1.7666	38.8758	0.0687	0.0210	0.0000	0.4578	0.0016	
2017-04-17 08:45:00	1.3441	38.8758	0.0523	0.0254	0.0000	0.4578	0.0012	
2017-04-17 09:00:00	1.4642	38.8758	0.0569	0.2589	0.0004	0.4578	0.0013	
2017-04-17 09:15:00	2.1155	38.8758	0.0822	0.2768	0.0006	0.4578	0.0019	
2017-04-17 09:30:00	1.7980	38.8758	0.0699	0.3417	0.0006	0.4578	0.0016	
2017-04-17 09:45:00	1.3146	38.8758	0.0511	0.4238	0.0006	0.4578	0.0012	
2017-04-17 10:00:00	1.1384	38.8758	0.0443	0.4436	0.0005	0.4578	0.0010	
2017-04-17 10:15:00	1.6000	38.8758	0.0622	0.0584	0.0001	0.4578	0.0014	
2017-04-17 10:30:00	0.9773	38.8758	0.0380	0.0522	0.0001	0.4578	0.0009	
2017-04-17 10:45:00	0.2686	38.8758	0.0104	0.2593	0.0001	0.4578	0.0002	
2017-04-17 11:00:00	0.1336	38.8758	0.0052	0.2225	0.0000	0.4578	0.0001	
2017-04-17 11:15:00	0.4478	38.8758	0.0174	0.0137	0.0000	0.4578	0.0004	
2017-04-17 11:30:00	0.4020	38.8758	0.0156	0.0137	0.0000	0.4578	0.0004	
2017-04-17 11:45:00	1.7020	38.8758	0.0662	0.0137	0.0000	0.4578	0.0015	
2017-04-17 12:00:00	1.9876	38.8758	0.0773	0.0137	0.0000	0.4578	0.0018	
2017-04-17 12:15:00	0.2491	38.8758	0.0097	0.0137	0.0000	0.4578	0.0002	
2017-04-17 12:30:00	0.7841	38.8758	0.0305	0.0137	0.0000	0.4578	0.0007	
2017-04-17 12:45:00	3.0124	38.8758	0.1171	0.0137	0.0000	0.4578	0.0027	
2017-04-17 13:00:00	3.3935	38.8758	0.1319	0.0137	0.0000	0.4578	0.0030	
2017-04-17 13:15:00	1.2514	38.8758	0.0487	0.0137	0.0000	0.4578	0.0011	
2017-04-17 13:30:00	0.1928	38.8758	0.0075	0.0137	0.0000	0.4578	0.0002	
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2017-04-17 13:45:00	0.0865	38.8758	0.0034	0.0245	0.0000	0.4578	0.0001	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-17 14:15:00	0.1994	38.8758	0.0078	0.0404	0.0000	0.4578	0.0002
2017-04-17 14:30:00	0.2898	38.8758	0.0113	0.0508	0.0000	0.4578	0.0003
2017-04-17 14:45:00	0.3192	38.8758	0.0124	0.0405	0.0000	0.4578	0.0003
2017-04-17 15:00:00	0.2995	38.8758	0.0116	0.0405	0.0000	0.4578	0.0003
2017-04-17 15:15:00	0.2022	38.8758	0.0079	0.2705	0.0001	0.4578	0.0002
2017-04-17 15:30:00	0.0744	38.8758	0.0029	0.3175	0.0000	0.4578	0.0001
2017-04-17 15:45:00	0.1853	38.8758	0.0072	0.0268	0.0000	0.4578	0.0002
2017-04-17 16:00:00	0.0777	38.8758	0.0030	0.0268	0.0000	0.4578	0.0001
2017-04-17 16:15:00	0.4079	38.8758	0.0159	0.1167	0.0000	0.4578	0.0004
2017-04-17 16:30:00	0.1592	38.8758	0.0062	0.2908	0.0000	0.4578	0.0001
2017-04-17 16:45:00	0.2519	38.8758	0.0098	0.1756	0.0000	0.4578	0.0002
2017-04-17 17:00:00	0.1238	38.8758	0.0048	0.1770	0.0000	0.4578	0.0001
2017-04-17 17:15:00	0.1502	38.8758	0.0058	0.0867	0.0000	0.4578	0.0001
2017-04-17 17:30:00	0.4356	38.8758	0.0169	0.0330	0.0000	0.4578	0.0004
2017-04-17 17:45:00	0.4362	38.8758	0.0170	0.0671	0.0000	0.4578	0.0004
2017-04-17 18:00:00	0.2020	38.8758	0.0079	0.0310	0.0000	0.4578	0.0002
2017-04-17 18:15:00	0.4897	38.8758	0.0190	0.0268	0.0000	0.4578	0.0004
2017-04-17 18:30:00 2017-04-17 18:45:00	0.5278	38.8758	0.0205	0.0268	0.0000	0.4578	0.0005
2017-04-17 18:45:00	0.4109	38.8758	0.0160	0.0268	0.0000 0.0000	0.4578	0.0004
	0.4718	38.8758	0.0183	0.0268	0.0000	0.4578	0.0004 0.0010
2017-04-17 19:15:00 2017-04-17 19:30:00	1.1420 3.3840	38.8758 38.8758	0.0444 0.1316	0.0268 0.0268	0.0000	0.4578 0.4578	0.0010
2017-04-17 19:45:00	3.0230	38.8758	0.1316	0.0268	0.0001	0.4578	0.0030
2017-04-17 19:43:00	3.8749	38.8758	0.1173	0.0268	0.0001	0.4578	0.0027
2017-04-17 20:00:00	3.8575	38.8758	0.1500	0.0268	0.0001	0.4578	0.0034
2017-04-17 20:30:00	3.8575	38.8758	0.1500	0.0268	0.0001	0.4578	0.0034
2017-04-17 20:45:00	3.8575	38.8758	0.1500	0.0268	0.0001	0.4578	0.0034
2017-04-17 21:00:00	3.8575	38.8758	0.1500	0.0268	0.0001	0.4578	0.0034
2017-04-17 21:15:00	3.8448	38.8758	0.1495	0.0268	0.0001	0.4578	0.0034
2017-04-17 21:30:00	2.2069	38.8758	0.0858	0.0268	0.0001	0.4578	0.0020
2017-04-17 21:45:00	3.9640	38.8758	0.1541	0.0268	0.0001	0.4578	0.0035
2017-04-17 22:00:00	3.6339	38.8758	0.1413	0.0268	0.0001	0.4578	0.0032
2017-04-17 22:15:00	3.0745	38.8758	0.1195	0.0268	0.0001	0.4578	0.0027
2017-04-17 22:30:00	3.7823	38.8758	0.1470	0.0268	0.0001	0.4578	0.0034
2017-04-17 22:45:00	2.5611	38.8758	0.0996	0.0540	0.0001	0.4578	0.0023
2017-04-17 23:00:00	2.7126	38.8758	0.1055	0.0061	0.0000	0.4578	0.0024
2017-04-17 23:15:00	3.3405	38.8758	0.1299	0.0000	0.0000	0.4578	0.0030
2017-04-17 23:30:00	2.9931	38.8758	0.1164	0.0198	0.0001	0.4578	0.0027
2017-04-17 23:45:00	2.9247	38.8758	0.1137	0.0346	0.0001	0.4578	0.0026
2017-04-18 00:00:00	3.3879	38.8758	0.1317	0.0398	0.0001	0.4578	0.0030
2017-04-18 00:15:00	1.5400	38.8758	0.0599	0.0398	0.0001	0.4578	0.0014
2017-04-18 00:30:00	0.7165	38.8758	0.0279	0.0398	0.0000	0.4578	0.0006
2017-04-18 00:45:00	0.5887	38.8758	0.0229	0.0398	0.0000	0.4578	0.0005
2017-04-18 01:00:00	0.6224	38.8758	0.0242	0.0398	0.0000	0.4578	0.0006
2017-04-18 01:15:00	0.2246	38.8758	0.0087	0.0398	0.0000	0.4578	0.0002
2017-04-18 01:30:00	2.4766	38.8758	0.0963	0.0369	0.0001	0.4578	0.0022
2017-04-18 01:45:00	4.6573	38.8758	0.1811	0.0041	0.0000	0.4578	0.0041
2017-04-18 02:00:00	4.6573	38.8758	0.1811	0.7231	0.0034	0.4578	0.0041
2017-04-18 02:15:00	4.6573	38.8758	0.1811	0.3959	0.0018	0.4578	0.0041
2017-04-18 02:30:00	4.6573	38.8758	0.1811	0.0170	0.0001	0.4578	0.0041
2017-04-18 02:45:00	4.6573	38.8758	0.1811	0.1681	0.0008	0.4578	0.0041
2017-04-18 03:00:00	4.6573	38.8758	0.1811	0.3711	0.0017	0.4578	0.0041
2017-04-18 03:15:00	4.6573	38.8758	0.1811	0.3744	0.0017	0.4578	0.0041
2017-04-18 03:30:00	4.6573	38.8758	0.1811	0.0651	0.0003	0.4578	0.0041
2017-04-18 03:45:00	4.6573	38.8758	0.1811	0.0522	0.0002	0.4578	0.0041
2017-04-18 04:00:00	4.6573	38.8758	0.1811	0.0713	0.0003	0.4578	0.0041
2017-04-18 04:15:00	4.6573	38.8758	0.1811	0.0391	0.0002	0.4578	0.0041
2017-04-18 04:30:00	4.6573	38.8758	0.1811	0.0391	0.0002	0.4578	0.0041
2017-04-18 04:45:00	4.6573	38.8758	0.1811	0.0491	0.0002	0.4578	0.0041
2017-04-18 05:00:00	4.6573	38.8758	0.1811	0.0459	0.0002	0.4578	0.0041
2017-04-18 05:15:00	4.6573	38.8758	0.1811	0.0343	0.0002	0.4578	0.0041
2017-04-18 05:30:00	4.6573	38.8758	0.1811	0.0343	0.0002	0.4578	0.0041
2017-04-18 05:45:00	4.6573	38.8758	0.1811	0.0343	0.0002	0.4578	0.0041
2017-04-18 06:00:00	3.3377	38.8758	0.1298	0.0343	0.0001	0.4578	0.0030
2017-04-18 06:15:00	0.1217	38.8758	0.0047	0.0343	0.0000	0.4578	0.0001
2017-04-18 06:30:00	0.0215	38.8758	0.0008	0.2254	0.0000	0.4578	0.0000
2017-04-18 06:45:00	0.0000	38.8758	0.0000	0.1580	0.0000	0.4578	0.0000
2017-04-18 07:00:00	0.0608	38.8758	0.0024	0.3451	0.0000	0.4578	0.0001
2017-04-18 07:15:00	1.2042	38.8758	0.0468	0.0648	0.0001	0.4578	0.0011
2017-04-18 07:30:00	0.2981	38.8758	0.0116	0.0764	0.0000	0.4578	0.0003
2017-04-18 07:45:00	0.5921	38.8758	0.0230	0.0481	0.0000	0.4578	0.0005
2017-04-18 08:00:00	0.4183	38.8758	0.0163	0.1439	0.0001	0.4578	0.0004
2017-04-18 08:15:00	1.1708	38.8758	0.0455	0.0433	0.0001	0.4578	0.0010
2017-04-18 08:30:00	1.7183	38.8758	0.0668	0.0433	0.0001 0.0003	0.4578 0.4578	0.0015
2017-04-18 08:45:00	4.1908	38.8758	0.1629	0.0681			0.0037

		Point Source Air E	missions - A2 Nitric	Acid Stack					
Parameter	Volumetric Flow Rate		Ох	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2017-04-18 09:00:00	3.7929	38.8758	0.1475	0.0655	0.0002	0.4578	0.0034		
2017-04-18 09:15:00	0.5615	38.8758	0.0218	0.0433	0.0000	0.4578	0.0005		
2017-04-18 09:30:00	0.7076	38.8758	0.0275	0.0433	0.0000	0.4578	0.0006		
2017-04-18 09:45:00	1.2511	38.8758	0.0486 0.0979	0.0435	0.0001 0.0003	0.4578 0.4578	0.0011 0.0022		
2017-04-18 10:00:00 2017-04-18 10:15:00	2.5185 1.1942	38.8758 38.8758	0.0979	0.1142 0.1850	0.0003	0.4578	0.0022		
2017-04-18 10:15:00	0.8368	38.8758	0.0464	0.1850	0.0002	0.4578	0.0011		
2017-04-18 10:30:00	2.1703	38.8758	0.0323	0.0474	0.0001	0.4578	0.0007		
2017-04-18 10:43:00	2.8718	38.8758	0.1116	0.0474	0.0001	0.4578	0.0019		
2017-04-18 11:15:00	3.2735	38.8758	0.1273	0.0474	0.0002	0.4578	0.0029		
2017-04-18 11:30:00	3.3223	38.8758	0.1292	0.0474	0.0002	0.4578	0.0030		
2017-04-18 11:45:00	3.8866	38.8758	0.1511	0.1102	0.0004	0.4578	0.0035		
2017-04-18 12:00:00	3.6406	38.8758	0.1415	0.2442	0.0009	0.4578	0.0032		
2017-04-18 12:15:00	3.6484	38.8758	0.1418	0.0901	0.0003	0.4578	0.0032		
2017-04-18 12:30:00	3.8338	38.8758	0.1490	0.0867	0.0003	0.4578	0.0034		
2017-04-18 12:45:00	3.8880	38.8758	0.1511	0.0565	0.0002	0.4578	0.0035		
2017-04-18 13:00:00	3.0221	38.8758	0.1175	0.1019	0.0003	0.4578	0.0027		
2017-04-18 13:15:00	2.4372	38.8758	0.0947	0.0576	0.0001	0.4578	0.0022		
2017-04-18 13:30:00	3.6398	38.8758	0.1415	0.0210	0.0001	0.4578	0.0032		
2017-04-18 13:45:00	4.3750	38.8758	0.1701	0.0968	0.0004	0.4578	0.0039		
2017-04-18 14:00:00	3.2156	38.8758	0.1250	0.1632	0.0005	0.4578	0.0029		
2017-04-18 14:15:00	1.1218	38.8758	0.0436	0.0361	0.0000	0.4578	0.0010		
2017-04-18 14:30:00	0.5503	38.8758	0.0214	0.0220	0.0000	0.4578	0.0005		
2017-04-18 14:45:00	0.6314	38.8758	0.0245	0.0220	0.0000	0.4578	0.0006		
2017-04-18 15:00:00	0.7681	38.8758	0.0299	0.0245	0.0000	0.4578	0.0007		
2017-04-18 15:15:00	0.0754	38.8758	0.0029	0.0282 0.0282	0.0000 0.0000	0.4578	0.0001		
2017-04-18 15:30:00	0.6559	38.8758	0.0255	0.0282		0.4578	0.0006		
2017-04-18 15:45:00 2017-04-18 16:00:00	0.1520 1.3299	38.8758 38.8758	0.0059 0.0517	0.0282	0.0000 0.0000	0.4578 0.4578	0.0001 0.0012		
2017-04-18 16:00:00	3.3035	38.8758	0.0317	0.0282	0.0000	0.4578	0.0012		
2017-04-18 16:30:00	3.8901	38.8758	0.1512	0.0343	0.0002	0.4578	0.0029		
2017-04-18 16:45:00	3.8901	38.8758	0.1512	0.0231	0.0001	0.4578	0.0035		
2017-04-18 17:00:00	3.8901	38.8758	0.1512	0.0302	0.0001	0.4578	0.0035		
2017-04-18 17:15:00	0.8631	38.8758	0.0336	0.0302	0.0000	0.4578	0.0008		
2017-04-18 17:30:00	0.7837	38.8758	0.0305	0.0319	0.0000	0.4578	0.0007		
2017-04-18 17:45:00	0.9173	38.8758	0.0357	0.1278	0.0001	0.4578	0.0008		
2017-04-18 18:00:00	0.8143	38.8758	0.0317	0.0353	0.0000	0.4578	0.0007		
2017-04-18 18:15:00	0.3265	38.8758	0.0127	0.0527	0.0000	0.4578	0.0003		
2017-04-18 18:30:00	0.1216	38.8758	0.0047	0.0443	0.0000	0.4578	0.0001		
2017-04-18 18:45:00	0.1422	38.8758	0.0055	0.0446	0.0000	0.4578	0.0001		
2017-04-18 19:00:00	0.1004	38.8758	0.0039	0.0535	0.0000	0.4578	0.0001		
2017-04-18 19:15:00	0.5581	38.8758	0.0217	0.0489	0.0000	0.4578	0.0005		
2017-04-18 19:30:00	0.5130	38.8758	0.0199	0.0385	0.0000	0.4578	0.0005		
2017-04-18 19:45:00	0.0617	38.8758	0.0024	0.0457	0.0000	0.4578	0.0001		
2017-04-18 20:00:00	0.3814	38.8758	0.0148	0.0797	0.0000	0.4578	0.0003		
2017-04-18 20:15:00	0.0898	38.8758	0.0035	0.0728	0.0000	0.4578	0.0001		
2017-04-18 20:30:00	0.1197	38.8758	0.0047	0.0771	0.0000	0.4578	0.0001		
2017-04-18 20:45:00 2017-04-18 21:00:00	0.1306 0.4016	38.8758 38.8758	0.0051 0.0156	0.1117 0.0830	0.0000 0.0000	0.4578 0.4578	0.0001 0.0004		
2017-04-18 21:00:00	0.3514	38.8758	0.0156	0.0830	0.0000	0.4578	0.0004		
2017-04-18 21:15:00	0.2153	38.8758	0.0084	0.0826	0.0000	0.4578	0.0003		
2017-04-18 21:45:00	0.1216	38.8758	0.0047	0.2855	0.0000	0.4578	0.0002		
2017-04-18 22:00:00	0.1158	38.8758	0.0045	0.1835	0.0000	0.4578	0.0001		
2017-04-18 22:15:00	0.0424	38.8758	0.0016	0.2749	0.0000	0.4578	0.0000		
2017-04-18 22:30:00	0.0651	38.8758	0.0025	0.2595	0.0000	0.4578	0.0001		
2017-04-18 22:45:00	0.0798	38.8758	0.0031	0.1932	0.0000	0.4578	0.0001		
2017-04-18 23:00:00	0.3183	38.8758	0.0124	0.0680	0.0000	0.4578	0.0003		
2017-04-18 23:15:00	0.0254	38.8758	0.0010	0.1998	0.0000	0.4578	0.0000		
2017-04-18 23:30:00	0.0000	38.8758	0.0000	0.1804	0.0000	0.4578	0.0000		
2017-04-18 23:45:00	0.0000	38.8758	0.0000	0.1627	0.0000	0.4578	0.0000		
2017-04-19 00:00:00	0.0373	38.8758	0.0015	0.1412	0.0000	0.4578	0.0000		
2017-04-19 00:15:00	0.0000	38.8758	0.0000	0.1606	0.0000	0.4578	0.0000		
2017-04-19 00:30:00	0.0000	38.8758	0.0000	0.1389	0.0000	0.4578	0.0000		
2017-04-19 00:45:00	0.0000	38.8758	0.0000	0.0856	0.0000	0.4578	0.0000		
2017-04-19 01:00:00	0.2063	38.8758	0.0080	0.0931	0.0000	0.4578	0.0002		
2017-04-19 01:15:00	0.0182	38.8758	0.0007	0.0670	0.0000	0.4578	0.0000		
2017-04-19 01:30:00	0.0197	38.8758	0.0008	0.0594	0.0000	0.4578	0.0000		
2017-04-19 01:45:00	0.1123	38.8758	0.0044	0.0677	0.0000	0.4578	0.0001		
2017-04-19 02:00:00	0.0601	38.8758	0.0023	0.0544	0.0000	0.4578	0.0001		
2017-04-19 02:15:00	0.0202	38.8758	0.0008	0.0330	0.0000	0.4578	0.0000		
2017-04-19 02:30:00	0.0000	38.8758	0.0000 0.0046	0.0330	0.0000	0.4578	0.0000 0.0001		
2017-04-19 02:45:00 2017-04-19 03:00:00	0.1180 0.0873	38.8758 38.8758	0.0046	0.0963 0.0929	0.0000 0.0000	0.4578 0.4578	0.0001		
2017-04-19 03:00:00	0.0000	38.8758	0.0000	0.0329	0.0000	0.4578	0.0001		
2017-04-19 03:30:00	0.0214	38.8758	0.0008	0.0343	0.0000	0.4578	0.0000		
		1 30.0.30	1 3.3330	1 5.55 /5	3.0000	1 35.0			

Parameter	Volumetric Flow Rate		missions - A2 Nitric Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-19 03:45:00	0.0623	38.8758	0.0024	0.0343	0.0000	0.4578	0.0001
2017-04-19 04:00:00	0.1519	38.8758	0.0059	0.0343	0.0000	0.4578	0.0001
2017-04-19 04:15:00	0.0610	38.8758	0.0024	0.0597	0.0000	0.4578	0.0001
2017-04-19 04:30:00 2017-04-19 04:45:00	0.0586 0.0000	38.8758 38.8758	0.0023 0.0000	0.0657 0.0149	0.0000 0.0000	0.4578 0.4578	0.0001 0.0000
2017-04-19 04:45:00	0.0000	38.8758	0.0007	0.0149	0.0000	0.4578	0.0000
2017-04-19 05:15:00	0.0213	38.8758	0.0007	0.1041	0.0000	0.4578	0.0000
2017-04-19 05:30:00	0.0000	38.8758	0.0000	0.0483	0.0000	0.4578	0.0000
2017-04-19 05:45:00	0.0205	38.8758	0.0008	0.0729	0.0000	0.4578	0.0000
2017-04-19 06:00:00	0.0661	38.8758	0.0026	0.0595	0.0000	0.4578	0.0001
2017-04-19 06:15:00	0.3040	38.8758	0.0118	0.0092	0.0000	0.4578	0.0003
2017-04-19 06:30:00	0.0833	38.8758	0.0032	0.0438	0.0000	0.4578	0.0001
2017-04-19 06:45:00	0.1035	38.8758	0.0040	0.1626	0.0000	0.4578	0.0001
2017-04-19 07:00:00	0.8185	38.8758	0.0318	0.1822	0.0001	0.4578	0.0007
2017-04-19 07:15:00	0.7158	38.8758	0.0278	0.2037	0.0001	0.4578	0.0006
2017-04-19 07:30:00	0.0378	38.8758	0.0015	0.2003	0.0000	0.4578	0.0000
2017-04-19 07:45:00	0.9122	38.8758	0.0355	0.1233	0.0001	0.4578	0.0008
2017-04-19 08:00:00	1.2407	38.8758	0.0482	0.1735	0.0002	0.4578	0.0011
2017-04-19 08:15:00	0.7049	38.8758	0.0274	0.0890	0.0001	0.4578	0.0006
2017-04-19 08:30:00	2.9411	38.8758	0.1143	0.0680	0.0002	0.4578	0.0026
2017-04-19 08:45:00	3.6723	38.8758	0.1428	0.2911	0.0011	0.4578	0.0033
2017-04-19 09:00:00	3.4515	38.8758	0.1342	0.1090	0.0004	0.4578	0.0031
2017-04-19 09:15:00	2.9853	38.8758	0.1161	0.1804	0.0005	0.4578	0.0027
2017-04-19 09:30:00	3.6041	38.8758	0.1401	0.2374	0.0009	0.4578	0.0032
2017-04-19 09:45:00	3.5400	38.8758	0.1376	0.2713	0.0010	0.4578	0.0031
2017-04-19 10:00:00	2.9121	38.8758	0.1132	0.4249	0.0012	0.4578	0.0026
2017-04-19 10:15:00	1.6472	38.8758	0.0640	0.6994	0.0012	0.4578	0.0015
2017-04-19 10:30:00	0.0186	38.8758	0.0007	0.6087	0.0000	0.4578	0.0000
2017-04-19 10:45:00	0.0180	38.8758	0.0007	0.2778	0.0000	0.4578	0.0000
2017-04-19 11:00:00	0.0198	31.3705	0.0006	0.0428	0.0000	0.3499	0.0000
2017-04-19 11:15:00	0.0508	7.0137	0.0004	0.0900	0.0000	0.0000	0.0000
2017-04-19 11:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-04-19 11:45:00	0.0188	7.0137	0.0001	0.0034	0.0000	0.0000	0.0000
2017-04-19 12:00:00	0.1386	7.0137	0.0010	0.0034	0.0000	0.0000	0.0000
2017-04-19 12:15:00	0.1058	7.0137	0.0007	0.0034	0.0000	0.0000	0.0000
2017-04-19 12:30:00	0.0708	7.0137	0.0005	0.0034	0.0000 0.0000	0.0000 0.0000	0.0000
2017-04-19 12:45:00	0.6960 0.2237	7.0137	0.0049 0.0016	0.0034 0.0034	0.0000	0.0000	0.0000 0.0000
2017-04-19 13:00:00 2017-04-19 13:15:00	0.3901	7.0137 7.0137	0.0016	0.0034	0.0000	0.0000	0.0000
2017-04-19 13:15:00	0.6428	7.0137	0.0027	0.0034	0.0000	0.0000	0.0000
2017-04-19 13:45:00	0.6112	7.0137	0.0043	0.0034	0.0000	0.0000	0.0000
2017-04-19 14:00:00	0.0112	7.0137	0.0006	0.0034	0.0000	0.0000	0.0000
2017-04-19 14:15:00	0.0646	7.0137	0.0005	0.0034	0.0000	0.0000	0.0000
2017-04-19 14:30:00	0.0189	7.0137	0.0001	0.0034	0.0000	0.0000	0.0000
2017-04-19 14:45:00	0.0562	7.0137	0.0001	0.0034	0.0000	0.0000	0.0000
2017-04-19 15:00:00	0.1015	7.0137	0.0007	0.0034	0.0000	0.0000	0.0000
2017-04-19 15:15:00	0.0616	7.0137	0.0004	0.0034	0.0000	0.0000	0.0000
2017-04-19 15:30:00	0.3260	7.0137	0.0023	0.0034	0.0000	0.0000	0.0000
2017-04-19 15:45:00	0.1387	7.0137	0.0010	0.0034	0.0000	0.0000	0.0000
2017-04-19 16:00:00	0.1661	7.0137	0.0012	0.0034	0.0000	0.0000	0.0000
2017-04-19 16:15:00	0.0392	7.0137	0.0003	0.0034	0.0000	0.0000	0.0000
2017-04-19 16:30:00	0.3020	7.0137	0.0021	0.0034	0.0000	0.0000	0.0000
2017-04-19 16:45:00	0.6488	7.0137	0.0046	0.0034	0.0000	0.0000	0.0000
2017-04-19 17:00:00	0.2689	7.0137	0.0019	0.0100	0.0000	0.0000	0.0000
2017-04-19 17:15:00	0.4896	7.0137	0.0034	0.0151	0.0000	0.0000	0.0000
2017-04-19 17:30:00	0.0448	7.0137	0.0003	0.0026	0.0000	0.0000	0.0000
2017-04-19 17:45:00	0.0373	7.0137	0.0003	0.0000	0.0000	0.0000	0.0000
2017-04-19 18:00:00	0.1516	7.0137	0.0011	0.0000	0.0000	0.0000	0.0000
2017-04-19 18:15:00	0.1241	7.0137	0.0009	0.0017	0.0000	0.0000	0.0000
2017-04-19 18:30:00	0.2034	7.0137	0.0014	0.0000	0.0000	0.0000	0.0000
2017-04-19 18:45:00	0.0039	7.0137	0.0000	0.0000	0.0000	0.0000	0.0000
2017-04-19 19:00:00	0.1773	7.0137	0.0012	0.0000	0.0000	0.0000	0.0000
2017-04-19 19:15:00	0.1486	7.0137	0.0010	0.0000	0.0000	0.0000	0.0000
2017-04-19 19:30:00	0.5916	7.0137	0.0041	0.0000	0.0000	0.0000	0.0000
2017-04-19 19:45:00	0.6366	7.0137	0.0045	0.0000	0.0000	0.0000	0.0000
2017-04-19 20:00:00	1.1383	7.0137	0.0080	0.0000	0.0000	0.0000	0.0000
2017-04-19 20:15:00	1.4038	7.0137	0.0098	0.0000	0.0000	0.0000	0.0000
2017-04-19 20:30:00	1.3457	7.0137	0.0094	0.0000	0.0000	0.0000	0.0000
2017-04-19 20:45:00	0.6031	7.0137	0.0042	0.0000	0.0000	0.0000	0.0000
2017-04-19 21:00:00	0.6382	7.0137	0.0045	0.0000	0.0000	0.0000	0.0000
2017-04-19 21:15:00	0.1365	7.0137	0.0010	0.0000	0.0000	0.0000	0.0000
2017-04-19 21:30:00	0.0180	7.0137	0.0001	0.0000	0.0000	0.0000	0.0000
2017-04-19 21:45:00	0.5219	7.0137	0.0037	0.0000	0.0000	0.0000	0.0000
2017-04-19 22:00:00	0.1725	7.0137	0.0012	0.0000	0.0000	0.0000	0.0000
2017-04-19 22:15:00	0.9657	7.0137	0.0068	0.0081	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-19 22:30:00	0.7346	7.0137	0.0052	0.0000	0.0000	0.0000	0.0000
2017-04-19 22:45:00	0.4528	7.0137	0.0032	0.0000	0.0000	0.0000	0.0000
2017-04-19 23:00:00	0.1930	7.0137	0.0014	0.0000	0.0000	0.0000	0.0000
2017-04-19 23:15:00	0.3305	7.0137	0.0023	0.0000	0.0000	0.0000	0.0000
2017-04-19 23:30:00	0.1773	7.0137	0.0012	0.0000	0.0000	0.0000	0.0000
2017-04-19 23:45:00	0.2826	7.0137	0.0020	0.0000	0.0000	0.0000	0.0000
2017-04-20 00:00:00	0.4147	7.0137	0.0029	0.0000 0.0000	0.0000	0.0000	0.0000
2017-04-20 00:15:00 2017-04-20 00:30:00	0.1514	7.0137 7.0137	0.0011 0.0010	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2017-04-20 00:30:00	0.1383		0.0010	0.0000	0.0000	0.0000	0.0000
	0.6578	7.0137	0.0046	0.0000	0.0000	0.0000	0.0000
2017-04-20 01:00:00	0.3340 0.0993	7.0137	0.0023	0.0000	0.0000	0.0000	0.0000
2017-04-20 01:15:00 2017-04-20 01:30:00	0.0191	7.0137 7.0137	0.0007	0.0000	0.0000	0.0000	0.0000
2017-04-20 01:30:00	0.3035	7.0137	0.0001	0.0000	0.0000	0.0000	0.0000
2017-04-20 01:43:00	0.5677	7.0137	0.0021	0.0173	0.0000	0.0000	0.0000
2017-04-20 02:00:00	1.9686	7.0137	0.0138	0.0173	0.0003	0.0000	0.0000
2017-04-20 02:15:00	3.1789	7.0137	0.0138	0.1488	0.0003	0.0000	0.0000
2017-04-20 02:35:00	2.9931	7.0137	0.0223	0.1561	0.0004	0.0000	0.0000
2017-04-20 02:43:00	2.8887	7.0137	0.0210	0.2321	0.0003	0.0000	0.0000
2017-04-20 03:00:00	1.1525	7.0137	0.0203	0.2083	0.0007	0.0000	0.0000
2017-04-20 03:15:00	1.3042	7.0137	0.0081	0.2083	0.0002	0.0000	0.0000
2017-04-20 03:30:00	4.2373	7.0137	0.0091	0.1764	0.0002	0.0000	0.0000
2017-04-20 03:43:00	3.9423	7.0137	0.0237	0.0901	0.0004	0.0000	0.0000
2017-04-20 04:05:00	3.8258	7.0137	0.0268	0.0991	0.0004	0.0000	0.0000
2017-04-20 04:13:00	2.0446	7.0137	0.0143	0.0556	0.0004	0.0000	0.0000
2017-04-20 04:45:00	0.4130	7.0137	0.0029	0.0556	0.0000	0.0000	0.0000
2017-04-20 05:00:00	0.9141	7.0137	0.0064	0.0556	0.0001	0.0000	0.0000
2017-04-20 05:15:00	3.0384	7.0137	0.0213	0.0556	0.0002	0.0000	0.0000
2017-04-20 05:30:00	1.2054	7.0137	0.0085	0.2774	0.0003	0.0000	0.0000
2017-04-20 05:45:00	0.7679	7.0137	0.0054	0.4106	0.0003	0.0000	0.0000
2017-04-20 06:00:00	3.0365	7.0137	0.0213	0.5280	0.0016	0.0000	0.0000
2017-04-20 06:15:00	3.6431	7.0137	0.0256	0.4680	0.0017	0.0000	0.0000
2017-04-20 06:30:00	3.9641	7.0137	0.0278	0.3955	0.0016	0.0000	0.0000
2017-04-20 06:45:00	3.3459	7.0137	0.0235	0.3614	0.0012	0.0000	0.0000
2017-04-20 07:00:00	1.6175	7.0137	0.0113	0.1482	0.0002	0.0000	0.0000
2017-04-20 07:15:00	3.1327	7.0137	0.0220	0.1262	0.0004	0.0000	0.0000
2017-04-20 07:30:00	3.5175	7.0137	0.0247	0.1913	0.0007	0.0000	0.0000
2017-04-20 07:45:00	3.9157	7.0137	0.0275	0.3374	0.0013	0.0000	0.0000
2017-04-20 08:00:00	3.9224	7.0137	0.0275	0.4806	0.0019	0.0000	0.0000
2017-04-20 08:15:00	3.9224	7.0137	0.0275	0.5557	0.0022	0.0000	0.0000
2017-04-20 08:30:00	4.3810	7.0137	0.0307	0.4082	0.0018	0.0000	0.0000
2017-04-20 08:45:00	4.0880	7.0137	0.0287	0.0291	0.0001	0.0000	0.0000
2017-04-20 09:00:00	3.8957	7.0137	0.0273	0.0179	0.0001	0.0000	0.0000
2017-04-20 09:15:00	4.0057	7.0137	0.0281	0.0179	0.0001	0.0000	0.0000
2017-04-20 09:30:00	3.6343	7.0137	0.0255	0.0179	0.0001	0.0000	0.0000
2017-04-20 09:45:00	2.8042	7.0137	0.0197	0.0781	0.0002	0.0000	0.0000
2017-04-20 10:00:00	0.9003	7.0137	0.0063	0.4750	0.0004	0.0000	0.0000
2017-04-20 10:15:00	1.1605	7.0137	0.0081	0.5368	0.0006	0.0000	0.0000
2017-04-20 10:30:00	0.0000	7.0137	0.0000	0.5798	0.0000	0.0000	0.0000
2017-04-20 10:45:00	0.0365	7.0137	0.0003	0.5955	0.0000	0.0000	0.0000
2017-04-20 11:00:00	0.0000	7.0137	0.0000	0.6211	0.0000	0.0000	0.0000
2017-04-20 11:15:00	0.0755	7.0137	0.0005	0.5259	0.0000	0.0000	0.0000
2017-04-20 11:30:00	0.0000	7.0137	0.0000	0.5341	0.0000	0.0000	0.0000
2017-04-20 11:45:00	0.0389	7.0137	0.0003	0.5746	0.0000	0.0000	0.0000
2017-04-20 12:00:00	0.0000	7.0137	0.0000	0.5343	0.0000	0.0000	0.0000
2017-04-20 12:15:00	0.1712	7.0137	0.0012	0.4448	0.0001	0.0000	0.0000
2017-04-20 12:30:00	0.0556	7.0137	0.0004	0.4697	0.0000	0.0000	0.0000
2017-04-20 12:45:00	0.1390	7.0137	0.0010	0.4267	0.0001	0.0000	0.0000
2017-04-20 13:00:00	0.0179	7.0137	0.0001	0.3973	0.0000	0.0000	0.0000
2017-04-20 13:15:00	0.0181	7.0137	0.0001	0.4346	0.0000	0.0000	0.0000
2017-04-20 13:30:00	0.1210	7.0137	0.0008	0.4168	0.0001	0.0000	0.0000
2017-04-20 13:45:00	0.5732	7.0137	0.0040	0.4249	0.0002	0.0000	0.0000
2017-04-20 14:00:00	0.3285	7.0137	0.0023	0.4790	0.0002	0.0000	0.0000
2017-04-20 14:15:00	0.0837	7.0137	0.0006	0.3950	0.0000	0.0000	0.0000
2017-04-20 14:30:00	0.0584	7.0137	0.0004	0.4253	0.0000	0.0000	0.0000
2017-04-20 14:45:00	0.0580	7.0137	0.0004	0.3672	0.0000	0.0000	0.0000
2017-04-20 15:00:00	0.0574	7.0137	0.0004	0.2849	0.0000	0.0000	0.0000
2017-04-20 15:15:00	0.3017	7.0137	0.0021	0.2008	0.0001	0.0000	0.0000
2017-04-20 15:30:00	0.0963	7.0137	0.0007	0.1478	0.0000	0.0000	0.0000
2017-04-20 15:45:00	2.3727	7.0137	0.0166	0.1770	0.0004	0.0000	0.0000
2017-04-20 16:00:00	0.7514	19.9455	0.0150	0.4701	0.0004	0.0000	0.0000
2017-04-20 16:15:00	2.4710	40.0781	0.0990	0.3567	0.0009	0.0000	0.0000
2017-04-20 16:30:00	17.1941	23.2887	0.4004	0.0058	0.0001	0.0000	0.0000
	21.7634	7.0137	0.1526	0.0027	0.0001	0.0000	0.0000
2017-04-20 16:45:00 2017-04-20 17:00:00	24.0216	7.0137	0.1685	0.0027	0.0001	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-04-20 17:15:00	24.2276	7.0137	0.1699	0.1159	0.0028	0.0000	0.0000	
2017-04-20 17:30:00	23.8123	7.0137	0.1670	0.1650	0.0039	0.0000	0.0000	
2017-04-20 17:45:00	24.3957	7.0137	0.1711	0.1195	0.0029	0.0000	0.0000	
2017-04-20 18:00:00	24.9151	7.0137	0.1747	0.2163	0.0054	0.0000	0.0000	
2017-04-20 18:15:00	25.2554	7.0137	0.1771	0.2419	0.0061	0.0000	0.0000	
2017-04-20 18:30:00	25.3237	7.0137	0.1776	0.1330	0.0034	0.0000	0.0000	
2017-04-20 18:45:00	25.4928	7.0137	0.1788	0.0491 0.0000	0.0013	0.0000	0.0000	
2017-04-20 19:00:00 2017-04-20 19:15:00	26.2732 26.6638	7.0137 7.0137	0.1843 0.1870	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	
2017-04-20 19:15:00	27.0846	7.0137	0.1900	0.0000	0.0000	0.0000	0.0000	
2017-04-20 19:45:00	27.4925	7.0137	0.1900	0.0000	0.0000	0.0000	0.0000	
2017-04-20 13:43:00	27.8569	7.0137	0.1928	0.0000	0.0000	0.0000	0.0000	
2017-04-20 20:05:00	27.9040	7.0137	0.1957	0.0000	0.0000	0.0000	0.0000	
2017-04-20 20:30:00	27.9664	7.0137	0.1961	0.0000	0.0000	0.0000	0.0000	
2017-04-20 20:45:00	28.0370	7.0137	0.1966	0.1257	0.0035	0.0000	0.0000	
2017-04-20 21:00:00	28.0538	7.0137	0.1968	0.0000	0.0000	0.0000	0.0000	
2017-04-20 21:15:00	28.0844	7.0137	0.1970	0.0000	0.0000	0.0000	0.0000	
2017-04-20 21:30:00	28.0797	7.0137	0.1969	0.0000	0.0000	0.0000	0.0000	
2017-04-20 21:45:00	28.0940	7.0137	0.1970	0.0000	0.0000	0.0000	0.0000	
2017-04-20 22:00:00	28.0694	7.0137	0.1969	0.0000	0.0000	0.0000	0.0000	
2017-04-20 22:15:00	28.0507	7.0137	0.1967	0.0000	0.0000	0.0000	0.0000	
2017-04-20 22:30:00	28.0034	7.0137	0.1964	0.0000	0.0000	0.0000	0.0000	
2017-04-20 22:45:00	27.9950	7.0137	0.1963	0.0000	0.0000	0.0000	0.0000	
2017-04-20 23:00:00	28.0003	7.0137	0.1964	0.0000	0.0000	0.0000	0.0000	
2017-04-20 23:15:00	27.9240	7.0137	0.1958	0.0000	0.0000	0.0000	0.0000	
2017-04-20 23:30:00	27.9457	7.0137	0.1960	0.0000	0.0000	0.0000	0.0000	
2017-04-20 23:45:00	28.0313	7.0137	0.1966	0.0000	0.0000	0.0000	0.0000	
2017-04-21 00:00:00	27.8790	7.0137	0.1955	0.0000	0.0000	0.0000	0.0000	
2017-04-21 00:15:00	28.1142	7.0137	0.1972	0.0000	0.0000	0.0000	0.0000	
2017-04-21 00:30:00	28.1587	7.0137	0.1975	0.0000	0.0000	0.0000	0.0000	
2017-04-21 00:45:00	28.1481	7.0137	0.1974	0.0000	0.0000	0.0000	0.0000	
2017-04-21 01:00:00	28.2184	7.0137	0.1979	0.0000	0.0000	0.0000	0.0000	
2017-04-21 01:15:00	28.0062	7.0137	0.1964	0.0000	0.0000	0.0000	0.0000	
2017-04-21 01:30:00	28.0580	7.0137	0.1968	0.0000	0.0000	0.0000	0.0000	
2017-04-21 01:45:00	28.1537	7.0137	0.1975	0.0000	0.0000	0.0000	0.0000	
2017-04-21 02:00:00	28.0163	7.0137	0.1965	0.0000	0.0000	0.0000	0.0000	
2017-04-21 02:15:00	28.0683	7.0137	0.1969	0.0000	0.0000	0.0000	0.0000	
2017-04-21 02:30:00	28.0921	7.0137	0.1970	0.0000	0.0000	0.0000	0.0000	
2017-04-21 02:45:00	28.1562	7.0137	0.1975	0.0000	0.0000	0.0000	0.0000	
2017-04-21 03:00:00	28.1717	7.0137	0.1976	0.0000	0.0000	0.0000	0.0000	
2017-04-21 03:15:00	28.2686	7.0137	0.1983	0.0000	0.0000	0.0000	0.0000	
2017-04-21 03:30:00	28.1846	7.0137	0.1977	0.0000	0.0000	0.0000	0.0000	
2017-04-21 03:45:00	23.6015	7.0137	0.1655	0.0566	0.0013	0.0000	0.0000	
2017-04-21 04:00:00	0.0000	7.0137	0.0000	0.1690	0.0000	0.0000	0.0000	
2017-04-21 04:15:00	0.0000	7.0137	0.0000	0.1900	0.0000	0.0000	0.0000	
2017-04-21 04:30:00	0.0000	7.0137	0.0000	0.4251	0.0000	0.0000	0.0000	
2017-04-21 04:45:00	0.0000	7.0137	0.0000	0.4787	0.0000	0.0000	0.0000	
2017-04-21 05:00:00	0.0000	7.0137	0.0000	0.5116	0.0000	0.0000	0.0000	
2017-04-21 05:15:00	0.0000	7.0137	0.0000	0.5673	0.0000	0.0000	0.0000	
2017-04-21 05:30:00	13.4054	7.0137	0.0940	0.3826	0.0051	0.0000	0.0000	
2017-04-21 05:45:00	20.7658	7.0137	0.1456	0.2608	0.0054	0.0000	0.0000	
2017-04-21 06:00:00	24.7140	7.0137	0.1733	0.0690	0.0017	0.0000	0.0000	
2017-04-21 06:15:00	25.0165	7.0137	0.1755	0.0446	0.0011	0.0000	0.0000	
2017-04-21 06:30:00	25.0995	7.0137	0.1760	0.0446	0.0011	0.0000	0.0000	
2017-04-21 06:45:00	25.0410	7.0137	0.1756	0.0446	0.0011	0.0000	0.0000	
2017-04-21 07:00:00	25.0717	7.0137	0.1758	0.0446	0.0011	0.0000	0.0000	
2017-04-21 07:15:00	25.8101	7.0137	0.1810	0.0446	0.0012	0.0000	0.0000	
2017-04-21 07:30:00	26.3574	7.0137	0.1849	0.0934	0.0025	0.0000	0.0000	
2017-04-21 07:45:00	27.0195	7.0137	0.1895	0.0565	0.0015	0.0000	0.0000	
2017-04-21 08:00:00	27.7681	7.0137	0.1948	0.0453	0.0013	0.0000	0.0000	
2017-04-21 08:15:00	28.1729	7.0137	0.1976	0.0453	0.0013	0.0000	0.0000	
2017-04-21 08:30:00	28.2106	7.0137	0.1979	0.0453	0.0013	0.0000	0.0000	
2017-04-21 08:45:00	28.1188	7.0137	0.1972	0.0453	0.0013	0.0000	0.0000	
2017-04-21 09:00:00	28.0948	7.0137	0.1970	0.0453	0.0013	0.0000	0.0000	
2017-04-21 09:15:00	28.1262	7.0137	0.1973	0.0453	0.0013	0.0000	0.0000	
2017-04-21 09:30:00	28.0730	7.0137	0.1969	0.0453	0.0013	0.0000	0.0000	
2017-04-21 09:45:00	28.1306	7.0137	0.1973	0.0453	0.0013	0.0000	0.0000	
2017-04-21 10:00:00	28.2308	7.0137	0.1980	0.0590	0.0017	0.0000	0.0000	
2017-04-21 10:15:00	28.2202	7.0137	0.1979	0.0697	0.0020	0.0000	0.0000	
2017-04-21 10:30:00	28.1467	7.0137	0.1974	0.1367	0.0038	0.0000	0.0000	
2017-04-21 10:45:00	28.0351	7.0137	0.1966	0.3406	0.0095	0.0000	0.0000	
2017-04-21 11:00:00	28.0353	7.0137	0.1966	0.3185	0.0089	0.0000	0.0000	
2017-04-21 11:15:00	28.1419	7.0137	0.1974	0.3366	0.0095	0.0000	0.0000	
2017-04-21 11:30:00	28.2557 27.9593	7.0137 7.0137	0.1982 0.1961	0.5168 0.3845	0.0146	0.0000	0.0000	
2017-04-21 11:45:00					0.0108	0.0000		

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-21 12:00:00	28.0324	7.0137	0.1966	0.1732	0.0049	0.0000	0.0000
2017-04-21 12:15:00	28.1609	7.0137	0.1975	0.1524	0.0043	0.0000	0.0000
2017-04-21 12:30:00	28.0336	7.0137	0.1966	0.1319	0.0037	0.0000	0.0000
2017-04-21 12:45:00	28.0374	7.0137	0.1966	0.0927	0.0026	0.0000	0.0000
2017-04-21 13:00:00	28.2039	7.0137	0.1978	0.0927	0.0026	0.0000	0.0000
2017-04-21 13:15:00	27.9965	7.0137	0.1964	0.0501	0.0014	0.0000	0.0000
2017-04-21 13:30:00	27.9810	7.0137	0.1962	0.0350	0.0010	0.0000	0.0000
2017-04-21 13:45:00	28.0346	7.0137	0.1966	0.0350	0.0010	0.0000	0.0000
2017-04-21 14:00:00	27.9685	7.0137	0.1962	0.0350	0.0010	0.0000	0.0000
2017-04-21 14:15:00	27.7753	7.0137	0.1948	0.0350	0.0010	0.0000	0.0000
2017-04-21 14:30:00	27.7046	7.0137	0.1943	0.0368	0.0010	0.0000	0.0000
2017-04-21 14:45:00	27.5468	7.0137	0.1932	0.0345	0.0009	0.0000	0.0000
2017-04-21 15:00:00	27.4729	7.0137	0.1927	0.0227	0.0006	0.0000	0.0000
2017-04-21 15:15:00	27.5995	7.0137	0.1936	0.0336	0.0009	0.0000	0.0000
2017-04-21 15:30:00	27.6895	7.0137	0.1942	0.1059	0.0029	0.0000	0.0000
2017-04-21 15:45:00	27.7116	7.0137	0.1944	0.0776	0.0022	0.0000	0.0000
2017-04-21 16:00:00	27.6761	7.0137	0.1941	0.0776	0.0021	0.0000	0.0000
2017-04-21 16:15:00 2017-04-21 16:30:00	27.6506	7.0137	0.1939 0.1946	0.0616 0.0158	0.0017	0.0000 0.0000	0.0000 0.0000
2017-04-21 16:30:00	27.7466	7.0137		0.0158	0.0004 0.0004	0.0000	
	27.8267	7.0137	0.1952		0.0004	0.0000	0.0000 0.0000
2017-04-21 17:00:00 2017-04-21 17:15:00	27.8628 27.7493	7.0137 7.0137	0.1954 0.1946	0.0158 0.0158	0.0004	0.0000	0.0000
2017-04-21 17:13:00	27.7323	7.0137	0.1946	0.0158	0.0004	0.0000	0.0000
2017-04-21 17:30:00	27.7836	7.0137	0.1945	0.0158	0.0004	0.0000	0.0000
2017-04-21 17:45:00	27.7682	7.0137	0.1949	0.0158	0.0004	0.0000	0.0000
2017-04-21 18:15:00	27.7500	7.0137	0.1946	0.0220	0.0006	0.0000	0.0000
2017-04-21 18:30:00	27.6821	7.0137	0.1942	0.0220	0.0006	0.0000	0.0000
2017-04-21 18:45:00	27.6914	7.0137	0.1942	0.0220	0.0006	0.0000	0.0000
2017-04-21 19:00:00	27.6407	7.0137	0.1939	0.0220	0.0006	0.0000	0.0000
2017-04-21 19:15:00	27.6098	7.0137	0.1936	0.0220	0.0006	0.0000	0.0000
2017-04-21 19:30:00	27.7555	7.0137	0.1947	0.0220	0.0006	0.0000	0.0000
2017-04-21 19:45:00	27.7014	7.0137	0.1943	0.0220	0.0006	0.0000	0.0000
2017-04-21 20:00:00	27.6757	7.0137	0.1941	0.0220	0.0006	0.0000	0.0000
2017-04-21 20:15:00	27.6412	7.0137	0.1939	0.0220	0.0006	0.0000	0.0000
2017-04-21 20:30:00	27.5868	7.0137	0.1935	0.0220	0.0006	0.0000	0.0000
2017-04-21 20:45:00	27.6475	7.0137	0.1939	0.0220	0.0006	0.0000	0.0000
2017-04-21 21:00:00	27.6682	7.0137	0.1941	0.0220	0.0006	0.0000	0.0000
2017-04-21 21:15:00	27.6992	7.0137	0.1943	0.0220	0.0006	0.0000	0.0000
2017-04-21 21:30:00	27.7971	7.0137	0.1950	0.0220	0.0006	0.0000	0.0000
2017-04-21 21:45:00	27.8770	7.0137	0.1955	0.0220	0.0006	0.0000	0.0000
2017-04-21 22:00:00	27.9294	7.0137	0.1959	0.0220	0.0006	0.0000	0.0000
2017-04-21 22:15:00	27.9734	7.0137	0.1962	0.0220	0.0006	0.0000	0.0000
2017-04-21 22:30:00	27.9992	7.0137	0.1964	0.0220	0.0006	0.0000	0.0000
2017-04-21 22:45:00	27.9612	7.0137	0.1961	0.0220	0.0006	0.0000	0.0000
2017-04-21 23:00:00	27.8429	7.0137	0.1953	0.0220	0.0006	0.0000	0.0000
2017-04-21 23:15:00	27.8516	7.0137	0.1953	0.0220	0.0006	0.0000	0.0000
2017-04-21 23:30:00	27.8164	7.0137	0.1951	0.0220	0.0006	0.0000	0.0000
2017-04-21 23:45:00	27.8113	7.0137	0.1951	0.0220	0.0006	0.0000	0.0000
2017-04-22 00:00:00	27.7618	7.0137	0.1947	0.0220	0.0006	0.0000	0.0000
2017-04-22 00:15:00	27.7625	7.0137	0.1947	0.0220	0.0006	0.0000	0.0000
2017-04-22 00:30:00	27.8031	7.0137	0.1950	0.0220	0.0006	0.0000	0.0000
2017-04-22 00:45:00	27.7252	7.0137	0.1945	0.0220	0.0006	0.0000	0.0000
2017-04-22 01:00:00	27.7338	7.0137	0.1945	0.0220	0.0006	0.0000	0.0000
2017-04-22 01:15:00	27.6959	7.0137	0.1943	0.0220	0.0006	0.0000	0.0000
2017-04-22 01:30:00	27.6950	7.0137	0.1942	0.0220	0.0006	0.0000	0.0000
2017-04-22 01:45:00	27.6707	7.0137	0.1941	0.0220	0.0006	0.0000	0.0000
2017-04-22 02:00:00	27.6111	7.0137	0.1937	0.0220	0.0006	0.0000	0.0000
2017-04-22 02:15:00	27.5858	7.0137	0.1935	0.0220	0.0006	0.0000	0.0000
2017-04-22 02:30:00	27.6077	7.0137	0.1936	0.0220	0.0006	0.0000	0.0000
2017-04-22 02:45:00	27.6608	7.0137	0.1940	0.0220	0.0006	0.0000	0.0000
2017-04-22 03:00:00	27.7096	7.0137	0.1943	0.0220	0.0006	0.0000	0.0000
2017-04-22 03:15:00	27.8897	7.0137	0.1956	0.0220	0.0006	0.0000	0.0000
2017-04-22 03:30:00	27.9481	7.0137	0.1960	0.0220	0.0006	0.0000	0.0000
2017-04-22 03:45:00	27.8789	7.0137	0.1955	0.0220	0.0006	0.0000	0.0000
2017-04-22 04:00:00	27.9965	7.0137	0.1964	0.0220	0.0006	0.0000	0.0000
2017-04-22 04:15:00	27.9786	7.0137	0.1962	0.0220	0.0006	0.0000	0.0000
2017-04-22 04:30:00	27.8495	7.0137	0.1953	0.0220	0.0006	0.0000	0.0000
2017-04-22 04:45:00	28.0906	7.0137	0.1970	0.0220	0.0006	0.0000	0.0000
2017-04-22 05:00:00	28.0857	7.0137	0.1970	0.0220	0.0006	0.0000	0.0000
2017-04-22 05:15:00	27.8370	7.0137	0.1952	0.0220	0.0006	0.0000	0.0000
2017-04-22 05:30:00	28.0176	7.0137	0.1965	0.0220	0.0006	0.0000	0.0000
2017-04-22 05:45:00	28.1801	7.0137	0.1976	0.0220	0.0006	0.0000	0.0000
2017-04-22 06:00:00	28.2278	7.0137	0.1980	0.0220	0.0006	0.0000	0.0000
2017-04-22 06:15:00	28.2259 28.2044	7.0137 7.0137	0.1980	0.0220	0.0006	0.0000	0.0000
2017-04-22 06:30:00		- 7.0137	0.1978	0.0220	0.0006	0.0000	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-22 06:45:00	28.1171	7.0137	0.1972	0.0530	0.0015	0.0000	0.0000
2017-04-22 07:00:00	27.8983	7.0137	0.1957	0.0290	0.0008	0.0000	0.0000
2017-04-22 07:15:00	27.8854	7.0137	0.1956	0.1301	0.0036	0.0000	0.0000
2017-04-22 07:30:00	27.8862	7.0137	0.1956	0.0695	0.0019	0.0000	0.0000
2017-04-22 07:45:00	28.0040	7.0137	0.1964	0.0316	0.0009	0.0000	0.0000
2017-04-22 08:00:00	27.9515	7.0137	0.1960	0.0316	0.0009	0.0000	0.0000
2017-04-22 08:15:00	27.9220	7.0137	0.1958	0.0316	0.0009	0.0000	0.0000
2017-04-22 08:30:00	27.8780	7.0137	0.1955	0.0316	0.0009	0.0000	0.0000
2017-04-22 08:45:00	27.8145	7.0137	0.1951	0.0316	0.0009	0.0000	0.0000
2017-04-22 09:00:00	27.9244	7.0137	0.1959	0.0316	0.0009	0.0000	0.0000
2017-04-22 09:15:00	27.8593	7.0137	0.1954	0.0316	0.0009	0.0000	0.0000
2017-04-22 09:30:00	27.9008	7.0137	0.1957	0.0316	0.0009	0.0000	0.0000
2017-04-22 09:45:00	27.8151	7.0137	0.1951	0.0316	0.0009	0.0000	0.0000
2017-04-22 10:00:00	27.7228	7.0137	0.1944	0.0316	0.0009 0.0009	0.0000 0.0000	0.0000 0.0000
2017-04-22 10:15:00	27.7474	7.0137	0.1946	0.0316			
2017-04-22 10:30:00	27.8326	7.0137	0.1952	0.0316	0.0009	0.0000	0.0000
2017-04-22 10:45:00	27.8970	7.0137	0.1957	0.0544	0.0015	0.0000	0.0000
2017-04-22 11:00:00 2017-04-22 11:15:00	27.8400	7.0137	0.1953 0.1948	0.1455	0.0041	0.0000 0.0000	0.0000 0.0000
2017-04-22 11:15:00 2017-04-22 11:30:00	27.7761 27.7332	7.0137	0.1948	0.3488 0.3335	0.0097 0.0092	0.0000	
2017-04-22 11:30:00		7.0137		0.3333	0.0092	0.0000	0.0000 0.0000
2017-04-22 11:45:00 2017-04-22 12:00:00	27.9594 27.9906	7.0137 7.0137	0.1961 0.1963	0.1977	0.0055	0.0000	0.0000
2017-04-22 12:00:00	27.8515	7.0137	0.1963	0.2431	0.0068	0.0000	0.0000
2017-04-22 12:13:00	27.8620	7.0137	0.1953	0.2431	0.0062	0.0000	0.0000
2017-04-22 12:30:00	28.0148	7.0137	0.1934	0.1522	0.0043	0.0000	0.0000
2017-04-22 13:00:00	27.8992	7.0137	0.1957	0.1527	0.0043	0.0000	0.0000
2017-04-22 13:15:00	27.8274	7.0137	0.1952	0.1253	0.0035	0.0000	0.0000
2017-04-22 13:30:00	27.6789	7.0137	0.1941	0.1420	0.0039	0.0000	0.0000
2017-04-22 13:45:00	27.6347	7.0137	0.1938	0.1873	0.0052	0.0000	0.0000
2017-04-22 14:00:00	27.5735	7.0137	0.1934	0.1346	0.0037	0.0000	0.0000
2017-04-22 14:15:00	27.5874	7.0137	0.1935	0.0948	0.0026	0.0000	0.0000
2017-04-22 14:30:00	27.5928	7.0137	0.1935	0.0609	0.0017	0.0000	0.0000
2017-04-22 14:45:00	27.6825	7.0137	0.1942	0.0460	0.0013	0.0000	0.0000
2017-04-22 15:00:00	27.4958	7.0137	0.1928	0.0324	0.0009	0.0000	0.0000
2017-04-22 15:15:00	27.5413	7.0137	0.1932	0.0103	0.0003	0.0000	0.0000
2017-04-22 15:30:00	27.5338	7.0137	0.1931	0.0103	0.0003	0.0000	0.0000
2017-04-22 15:45:00	27.5239	7.0137	0.1930	0.0103	0.0003	0.0000	0.0000
2017-04-22 16:00:00	27.4694	7.0137	0.1927	0.0103	0.0003	0.0000	0.0000
2017-04-22 16:15:00	27.5227	7.0137	0.1930	0.0103	0.0003	0.0000	0.0000
2017-04-22 16:30:00	27.4286	7.0137	0.1924	0.0103	0.0003	0.0000	0.0000
2017-04-22 16:45:00	27.6028	7.0137	0.1936	0.0103	0.0003	0.0000	0.0000
2017-04-22 17:00:00	27.6410	7.0137	0.1939	0.0103	0.0003	0.0000	0.0000
2017-04-22 17:15:00	27.5872	7.0137	0.1935	0.0103	0.0003	0.0000	0.0000
2017-04-22 17:30:00	27.6925	7.0137	0.1942	0.0103	0.0003	0.0000	0.0000
2017-04-22 17:45:00	27.5611	7.0137	0.1933	0.0103	0.0003	0.0000	0.0000
2017-04-22 18:00:00	27.6572	7.0137	0.1940	0.0257	0.0007	0.0000	0.0000
2017-04-22 18:15:00	27.5804	7.0137	0.1934	0.0062	0.0002	0.0000	0.0000
2017-04-22 18:30:00	27.5682	7.0137	0.1934	0.0062	0.0002	0.0000	0.0000
2017-04-22 18:45:00	27.6095	7.0137	0.1936	0.0062	0.0002	0.0000	0.0000
2017-04-22 19:00:00	27.6426	7.0137	0.1939	0.0062	0.0002	0.0000	0.0000
2017-04-22 19:15:00	27.6989	7.0137	0.1943	0.0062	0.0002	0.0000	0.0000
2017-04-22 19:30:00	27.6091	7.0137	0.1936	0.0062	0.0002	0.0000	0.0000
2017-04-22 19:45:00	27.6365	7.0137	0.1938	0.0062	0.0002	0.0000	0.0000
2017-04-22 20:00:00	27.4685	7.0137	0.1927	0.0068	0.0002	0.0000	0.0000
2017-04-22 20:15:00	27.4658	7.0137	0.1926	0.0000	0.0000	0.0000	0.0000
2017-04-22 20:30:00	27.3936	7.0137	0.1921	0.0089	0.0002	0.0000	0.0000
2017-04-22 20:45:00	27.4532	7.0137	0.1925	0.0082	0.0002	0.0000	0.0000
2017-04-22 21:00:00	27.7553	7.0137	0.1947	0.0120	0.0003	0.0000	0.0000
2017-04-22 21:15:00	28.0127	7.0137	0.1965	0.0202	0.0006	0.0000	0.0000
2017-04-22 21:30:00	27.9805	7.0137	0.1962	0.0071	0.0002	0.0000	0.0000
2017-04-22 21:45:00	28.1883	7.0137	0.1977	0.0020	0.0001	0.0000	0.0000
2017-04-22 22:00:00	27.9654	7.0137	0.1961	0.0000	0.0000	0.0000	0.0000
2017-04-22 22:15:00	28.0447	7.0137	0.1967	0.0262	0.0007	0.0000	0.0000
2017-04-22 22:30:00	27.8037	7.0137	0.1950	0.0670	0.0019	0.0000	0.0000
2017-04-22 22:45:00	27.9902	7.0137	0.1963	0.0782	0.0022	0.0000	0.0000
2017-04-22 23:00:00	27.3506	30.9247	0.8458	0.0755	0.0021	72.6115	3.8528
2017-04-22 23:15:00	3.1686	1009.0605	3.1973	0.2332	0.0007	179.8772	1.1057
2017-04-22 23:30:00	0.0000	0.0000	0.0000	0.2385	0.0000	104.0561	0.0000
2017-04-22 23:45:00	0.0000	0.0000	0.0000	0.3057	0.0000	145.1192	0.0000
2017-04-23 00:00:00	3.1564	707.4731	2.2330	0.0582	0.0002	93.8572	0.5747
2017-04-23 00:15:00	16.1111	402.7685	6.4890	0.0443	0.0007	5.7024	0.1782
2017-04-23 00:30:00	22.1971	360.4831	8.0017	0.0229	0.0005	1.0071	0.0434
2017-04-23 00:45:00	23.8817	1195.1974	28.5433	0.0596	0.0014	1.0071	0.0467
2017-04-23 01:00:00	26.0389	690.4250	17.9779	0.0206	0.0005	1.0071	0.0509
2017-04-23 01:15:00	28.0449	94.1224	2.6397	0.0206	0.0006	1.0071	0.0548

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-23 01:30:00	28.0692	70.9383	1.9912	0.0206	0.0006	1.0071	0.0548
2017-04-23 01:45:00	28.1051	70.9383	1.9937	0.0206	0.0006	1.0071	0.0549
2017-04-23 02:00:00	28.0254	70.9383	1.9881	0.0206	0.0006	1.0071	0.0548
2017-04-23 02:15:00	28.2277	38.8658	1.0971	0.0206	0.0006	1.0071	0.0551
2017-04-23 02:30:00	28.3322	37.8738	1.0731	0.0206	0.0006	1.0071	0.0554
2017-04-23 02:45:00	28.4425	37.8738	1.0772	0.0206	0.0006	1.0071	0.0556
2017-04-23 03:00:00	28.2617	37.8738	1.0704	0.0206	0.0006	1.0071	0.0552
2017-04-23 03:15:00	28.2726	37.8738	1.0708	0.0206	0.0006	1.0071	0.0552
2017-04-23 03:30:00	28.3826	37.8738	1.0750	0.0206	0.0006	1.0071	0.0555
2017-04-23 03:45:00	28.6855	37.8738	1.0864	0.0206	0.0006	1.0071	0.0560
2017-04-23 04:00:00	28.7953	37.8738	1.0906	0.0206	0.0006	1.0071	0.0563
2017-04-23 04:15:00	26.1844	147.6082	3.8650	0.0206	0.0005	254.2186	12.9137
2017-04-23 04:30:00	29.1049	945.1188	27.5076	0.0206	0.0006	80.0210	4.5183
2017-04-23 04:45:00	29.6437	570.3148	16.9062	3.1588	0.0936	69.2823	3.9843
2017-04-23 05:00:00	29.7337	46.5536	1.3842	4.9159	0.1462	58.7217	3.3873
2017-04-23 05:15:00	29.5634	36.4310	1.0770	0.0000	0.0000	44.4234	2.5478
2017-04-23 05:30:00	29.6540	70.5976	2.0935	0.0000	0.0000	41.2634	2.3738
2017-04-23 05:45:00	29.5174	66.9211	1.9753 0.7951	0.0000	0.0000	35.6976	2.0442
2017-04-23 06:00:00	29.6117 29.8906	26.8523 26.8523		0.1693	0.0050 0.0008	31.3008	1.7981
2017-04-23 06:15:00			0.8026	0.0261	0.0008	37.7928	2.1915 2.0449
2017-04-23 06:30:00 2017-04-23 06:45:00	29.7800 30.0762	62.6354 104.0339	1.8653 3.1289	0.0261 0.0261	0.0008	35.3955 32.6585	1.9056
2017-04-23 06:45:00	30.4990	93.8518	2.8624	0.0261	0.0008	31.6812	1.8745
2017-04-23 07:00:00	30.4258	92.9813	2.8290	0.0261	0.0008	31.6174	1.8662
2017-04-23 07:13:00	30.3171	112.8934	3.4226	0.0261	0.0008	29.2053	1.7177
2017-04-23 07:45:00	30.4340	109.9911	3.3475	0.0823	0.0025	29.2053	1.7243
2017-04-23 08:00:00	30.3609	92.9813	2.8230	0.6863	0.0208	29.5114	1.7382
2017-04-23 08:15:00	30.3956	92.9813	2.8262	0.1040	0.0032	30.7617	1.8139
2017-04-23 08:30:00	30.2922	92.9813	2.8166	0.0563	0.0017	29.6515	1.7425
2017-04-23 08:45:00	30.3678	92.9813	2.8236	0.2529	0.0077	29.2053	1.7206
2017-04-23 09:00:00	30.1511	139.5467	4.2075	0.5290	0.0159	27.2128	1.5918
2017-04-23 09:15:00	29.9756	133.6605	4.0066	0.7898	0.0237	28.4499	1.6544
2017-04-23 09:30:00	29.8845	133.6605	3.9944	0.5324	0.0159	29.7546	1.7251
2017-04-23 09:45:00	29.8752	167.7223	5.0107	0.4510	0.0135	26.0812	1.5116
2017-04-23 10:00:00	29.7467	153.7441	4.5734	0.7050	0.0210	20.3107	1.1721
2017-04-23 10:15:00	29.7821	85.0863	2.5340	5.6750	0.1690	21.0997	1.2191
2017-04-23 10:30:00	29.5454	121.4634	3.5887	1.1079	0.0327	20.9331	1.1998
2017-04-23 10:45:00	29.5724	88.0316	2.6033	1.8432	0.0545	21.7961	1.2505
2017-04-23 11:00:00	29.8137	74.1445	2.2105	1.2777	0.0381	21.3914	1.2372
2017-04-23 11:15:00	30.0042	74.1445	2.2246	1.1618	0.0349	19.8264	1.1541
2017-04-23 11:30:00	30.0515	74.1445	2.2282	1.7692	0.0532	19.0430	1.1102
2017-04-23 11:45:00	30.0149	74.1445	2.2254	0.9940	0.0298	19.0430	1.1089
2017-04-23 12:00:00	29.9773	74.1445	2.2227	0.5927	0.0178	18.3805	1.0689
2017-04-23 12:15:00	30.0040	74.1445	2.2246	0.4239	0.0127	17.0288	0.9912
2017-04-23 12:30:00	30.4736	106.2369	3.2374	0.4862	0.0148	14.1843	0.8386
2017-04-23 12:45:00	30.0383	68.8297	2.0675	0.4428	0.0133	13.5498	0.7896
2017-04-23 13:00:00	29.8961	30.5729	0.9140	0.8379	0.0250	13.5498	0.7859
2017-04-23 13:15:00	29.5152	27.8543	0.8221	0.5893	0.0174	13.5498	0.7759
2017-04-23 13:30:00	29.4584	27.8543	0.8205	2.7121	0.0799	13.5498	0.7744
2017-04-23 13:45:00	29.6111	27.8543	0.8248	1.1687	0.0346	13.5498	0.7784
2017-04-23 14:00:00	29.4119	52.3220	1.5389	0.4095	0.0120	13.5498	0.7731
2017-04-23 14:15:00	29.1178	35.1652	1.0239	0.3315	0.0097	13.5498	0.7654
2017-04-23 14:30:00	28.9237	27.8543	0.8056	0.5823	0.0168	13.5498	0.7603
2017-04-23 14:45:00	28.9029	27.8543	0.8051	1.7312	0.0500	13.5498	0.7598
2017-04-23 15:00:00	29.1565	27.8543	0.8121	0.7906	0.0231	13.5498	0.7664
2017-04-23 15:15:00	30.0419	27.8543	0.8368	1.4545	0.0437	14.0790	0.8205
2017-04-23 15:30:00	30.5263	27.8543	0.8503	1.5387	0.0470	15.1062	0.8946
2017-04-23 15:45:00	30.6784	97.9247	3.0042	0.6523	0.0200	15.1062	0.8991
2017-04-23 16:00:00	30.8194	33.4285	1.0302	0.3968	0.0122	16.6138	0.9933
2017-04-23 16:15:00	30.7485	31.2609	0.9612	0.5859	0.0180	15.5640	0.9284
2017-04-23 16:30:00	30.7481	41.2170	1.2673	0.6029	0.0185	15.5640	0.9284
2017-04-23 16:45:00	30.5768	64.3254	1.9669	0.5392	0.0165	15.5640	0.9232
2017-04-23 17:00:00	30.4378	56.7573	1.7276	0.5429	0.0165	16.5687	0.9784
2017-04-23 17:15:00	30.3834	31.2609	0.9498	0.3545	0.0108	17.3688	1.0238
2017-04-23 17:30:00	30.5982	31.2609	0.9565	0.2062	0.0063	19.1345	1.1358
2017-04-23 17:45:00	30.3270	31.2609	0.9481	0.0339	0.0010	18.3459	1.0794
2017-04-23 18:00:00	30.4035	31.2609	0.9504	0.0140	0.0004	17.5781	1.0368
2017-04-23 18:15:00	30.3782	31.2609	0.9497	0.0000	0.0000	17.5781	1.0359
2017-04-23 18:30:00	30.3250	31.2609	0.9480	0.0000	0.0000	17.5781	1.0341
2017-04-23 18:45:00	30.2650	31.2609	0.9461	0.0000	0.0000	17.5781	1.0321
2017-04-23 19:00:00	30.2497	47.2421	1.4291	0.0000	0.0000	17.5781	1.0316
2017-04-23 19:15:00	30.3798	64.3254	1.9542	0.0000	0.0000	17.5781	1.0360
2017-04-23 19:30:00	30.3096	64.3254	1.9497	0.0000	0.0000	17.5781	1.0336
2017-04-23 19:45:00	30.3410	64.3254	1.9517	0.0000	0.0000	17.5781	1.0347
2017-04-23 20:00:00	30.2849	61.9374	1.8758	0.0000	0.0000	17.5781	1.0328

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-23 20:15:00	30.2057	31.2609	0.9443	0.0000	0.0000	17.5781	1.0301
2017-04-23 20:30:00	30.1181	31.2609	0.9415	0.0000	0.0000	17.5781	1.0271
2017-04-23 20:45:00	30.1054	31.2609	0.9411	0.0000	0.0000	17.5781	1.0266
2017-04-23 21:00:00	30.1131	31.2609	0.9414	0.0000	0.0000	17.5781	1.0269
2017-04-23 21:15:00	30.2487	31.2609	0.9456	0.0000	0.0000	17.5781	1.0315
2017-04-23 21:30:00	30.1445	31.2609	0.9423	0.0000	0.0000	17.5781	1.0280
2017-04-23 21:45:00	30.0811	31.2609	0.9404	0.0000	0.0000	17.5781	1.0258
2017-04-23 22:00:00	30.1161	31.2609	0.9415	0.0000	0.0000	17.5781	1.0270
2017-04-23 22:15:00	30.0672	38.9760	1.1719	0.0000	0.0000	17.5781	1.0253
2017-04-23 22:30:00	30.1425	64.3254	1.9389	0.0000	0.0000	17.5781	1.0279
2017-04-23 22:45:00	30.1146	64.3254	1.9371	0.0000	0.0000	17.5781	1.0270
2017-04-23 23:00:00	30.2695	64.3254	1.9471	0.0000	0.0000	17.5781	1.0322
2017-04-23 23:15:00	30.3183	64.3254	1.9502	0.0023	0.0001	17.5781	1.0339
2017-04-23 23:30:00	30.2275	64.3254	1.9444	0.0290	0.0009	17.5781	1.0308
2017-04-23 23:45:00	30.3176	64.3254	1.9502	0.0555	0.0017	17.5781	1.0339
2017-04-24 00:00:00	30.3705	64.3254	1.9536	0.0000	0.0000	17.5781	1.0357
2017-04-24 00:15:00	30.3056	64.3254	1.9494	0.0000	0.0000	17.5781	1.0335
2017-04-24 00:30:00	30.4212	64.3254	1.9569	0.0000	0.0000	17.5781	1.0374
2017-04-24 00:45:00	30.2741	64.3254	1.9474	0.0000	0.0000 0.0000	17.5781	1.0324
2017-04-24 01:00:00 2017-04-24 01:15:00	30.5053	64.3254 64.3254	1.9623 1.9616	0.0000 0.0000	0.0000	17.5781	1.0403 1.0399
2017-04-24 01:15:00	30.4953 30.4451	64.3254	1.9516	0.0000	0.0000	17.5781 17.5781	1.0399
2017-04-24 01:30:00	30.3665	64.3254	1.9584	0.0000	0.0000	17.5781	1.0382
2017-04-24 01:45:00	30.4158	64.3254	1.9565	0.0000	0.0000	17.5781	1.0353
2017-04-24 02:00:00	30.2371	64.3254	1.9450	0.0000	0.0000	17.5781	1.0372
2017-04-24 02:13:00	30.4664	64.3254	1.9598	0.0000	0.0000	17.5781	1.0311
2017-04-24 02:45:00	30.4185	64.3254	1.9567	0.0000	0.0000	17.5781	1.0373
2017-04-24 03:00:00	30.3231	64.3254	1.9505	0.0000	0.0000	17.5781	1.0341
2017-04-24 03:15:00	30.2070	64.3254	1.9431	0.0000	0.0000	17.5781	1.0301
2017-04-24 03:30:00	30.2040	64.3254	1.9429	0.0000	0.0000	17.5781	1.0300
2017-04-24 03:45:00	30.2064	64.3254	1.9430	0.0000	0.0000	17.5781	1.0301
2017-04-24 04:00:00	30.2742	64.3254	1.9474	0.0280	0.0008	17.5781	1.0324
2017-04-24 04:15:00	30.6641	64.3254	1.9725	0.0516	0.0016	17.5781	1.0457
2017-04-24 04:30:00	30.3368	64.3254	1.9514	0.1831	0.0056	17.5781	1.0345
2017-04-24 04:45:00	30.2248	64.3254	1.9442	0.0966	0.0029	17.5781	1.0307
2017-04-24 05:00:00	30.0617	64.3254	1.9337	0.0293	0.0009	17.5781	1.0252
2017-04-24 05:15:00	30.0372	64.3254	1.9322	0.0088	0.0003	17.5781	1.0243
2017-04-24 05:30:00	30.1459	64.3254	1.9391	0.0014	0.0000	17.5781	1.0280
2017-04-24 05:45:00	30.3155	64.3254	1.9501	0.0000	0.0000	17.5781	1.0338
2017-04-24 06:00:00	30.5125	64.3254	1.9627	0.0000	0.0000	17.5781	1.0405
2017-04-24 06:15:00	30.4207	64.3254	1.9568	0.0000	0.0000	17.5781	1.0374
2017-04-24 06:30:00	30.6704	64.3254	1.9729	0.0000	0.0000	17.5781	1.0459
2017-04-24 06:45:00	30.7769	64.3254	1.9797	0.0000	0.0000	17.5781	1.0495
2017-04-24 07:00:00	30.7636	64.3254	1.9789	0.0000	0.0000	17.5781	1.0491
2017-04-24 07:15:00	30.9375	64.3254	1.9901	0.0000	0.0000	17.5781	1.0550
2017-04-24 07:30:00	30.8538	64.3254	1.9847	0.0000	0.0000	17.5781	1.0522
2017-04-24 07:45:00	30.6094	64.3254	1.9690	0.0000	0.0000	17.5781	1.0438
2017-04-24 08:00:00	30.6384	64.3254	1.9708	0.0000	0.0000	17.5781	1.0448
2017-04-24 08:15:00	30.8945	64.3254	1.9873	0.0000	0.0000	17.5781	1.0536
2017-04-24 08:30:00	30.8157	64.3254	1.9822	0.0000	0.0000	17.5781	1.0509
2017-04-24 08:45:00	30.8928	64.3254	1.9872	0.0000	0.0000	17.5781	1.0535
2017-04-24 09:00:00	30.9646	64.3254	1.9918	0.0000	0.0000	17.5781	1.0559
2017-04-24 09:15:00	30.9347	64.3254	1.9899	0.0251	0.0008	17.5781	1.0549
2017-04-24 09:30:00	31.0088	62.9293	1.9514	0.0545	0.0017	17.5781	1.0574
2017-04-24 09:45:00	31.0442	31.2609	0.9705	0.1511	0.0047	17.5781	1.0587
2017-04-24 10:00:00	30.9281	31.2609	0.9668	0.2676	0.0083	17.5781	1.0547
2017-04-24 10:15:00	30.9222	31.2609	0.9667	0.2166	0.0067	17.5781	1.0545
2017-04-24 10:30:00	30.7151	45.3317	1.3924	0.0885	0.0027	17.5781	1.0474
2017-04-24 10:45:00	30.7480	64.3254	1.9779	0.0889	0.0027	17.5781	1.0486
2017-04-24 11:00:00	30.6045	64.3254	1.9686	0.0965	0.0030	17.5781	1.0437
2017-04-24 11:15:00	30.6322	64.3254	1.9704	0.2342	0.0072	17.5781	1.0446
2017-04-24 11:30:00	30.7678	64.3254	1.9792	0.2871	0.0088	17.5781	1.0492
2017-04-24 11:45:00	30.5718	64.3254	1.9665	0.1848	0.0056	17.5781	1.0425
2017-04-24 12:00:00	30.6660	89.4481	2.7430	0.1172	0.0036	17.5781	1.0458
2017-04-24 12:15:00	30.6471	58.0126	1.7779	0.0268	0.0008	17.5781	1.0451
2017-04-24 12:30:00	30.7574	31.2609	0.9615	0.0138	0.0004	17.5781	1.0489
2017-04-24 12:45:00	30.4761	33.0244	1.0065	0.0095	0.0003	17.5781	1.0393
2017-04-24 13:00:00	30.4408	64.3254	1.9581	0.0086	0.0003	17.5781	1.0381
2017-04-24 13:15:00	30.3737	64.3254	1.9538	0.0530	0.0016	17.5781	1.0358
2017-04-24 13:30:00	30.4554	64.3254	1.9591	0.0680	0.0021	17.5781	1.0386
2017-04-24 13:45:00	30.4803	42.0253	1.2809	0.0746	0.0023	17.5781	1.0394
2017-04-24 14:00:00	30.4968	31.2609	0.9534	0.0936	0.0029	17.5781	1.0400
2017-04-24 14:15:00	30.3624	31.2609	0.9492	0.1432	0.0043	17.5781	1.0354
2017-04-24 14:30:00	30.3272	31.2609 31.2609	0.9481	0.1035	0.0031	17.5781	1.0342
2017-04-24 14:45:00	30.3677		0.9493	0.1478	0.0045	17.5781	1.0356

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-24 15:00:00	30.4592	31.2609	0.9522	0.1321	0.0040	17.5781	1.0387
2017-04-24 15:15:00	30.6349	31.2609	0.9577	0.1312	0.0040	17.5781	1.0447
2017-04-24 15:30:00	30.5438	31.2609	0.9548	0.1187	0.0036	17.5781	1.0416
2017-04-24 15:45:00	30.5867	31.2609	0.9562	0.0673	0.0021	17.5781	1.0431
2017-04-24 16:00:00	30.5313	31.2609	0.9544	0.0412	0.0013	17.5781	1.0412
2017-04-24 16:15:00	30.3496	31.2609	0.9488	0.0141	0.0004	17.5781	1.0350
2017-04-24 16:30:00	30.3976	31.2609	0.9503	0.0594	0.0018	17.5781	1.0366
2017-04-24 16:45:00	30.3525	31.2609	0.9488	0.0665	0.0020	17.5781	1.0351
2017-04-24 17:00:00	30.3796	31.2609	0.9497	0.0983	0.0030	17.5781	1.0360
2017-04-24 17:15:00	30.3697	31.2609	0.9494	0.1461	0.0044	17.5781	1.0357
2017-04-24 17:30:00	30.3772	31.2609	0.9496	0.0284	0.0009	17.5781	1.0359
2017-04-24 17:45:00	30.2968	39.7842	1.2053	0.0005	0.0000	17.5781	1.0332
2017-04-24 18:00:00	30.3161	64.3254	1.9501	0.0000	0.0000	17.5781	1.0338
2017-04-24 18:15:00	30.3247	64.3254	1.9507	0.0068	0.0002	17.5781	1.0341
2017-04-24 18:30:00	30.3307	64.3254	1.9510	0.0336	0.0010	17.5781	1.0343
2017-04-24 18:45:00	30.4308	64.3254	1.9575	0.0336	0.0010	17.5781	1.0377
2017-04-24 19:00:00	30.3734	64.3254	1.9538	0.0351	0.0011	17.5781	1.0358
2017-04-24 19:15:00	30.3724	64.3254	1.9537	0.0621	0.0019	17.5781	1.0357
2017-04-24 19:30:00	30.5676	64.3254	1.9663	0.0522	0.0016	17.5781	1.0424
2017-04-24 19:45:00	30.6270	64.3254	1.9701	0.0522	0.0016	17.5781	1.0444
2017-04-24 20:00:00	30.4809	64.3254	1.9607	0.0522	0.0016	17.5781	1.0394
2017-04-24 20:15:00	30.7260	64.3254	1.9765	0.0522	0.0016	17.5781	1.0478
2017-04-24 20:30:00	30.6564	64.3254	1.9720	0.0522	0.0016	17.5781	1.0454
2017-04-24 20:45:00 2017-04-24 21:00:00	30.5715	47.0217	1.4375	0.0522	0.0016	17.5781	1.0425
	30.5324	31.2609	0.9545	0.0522	0.0016	17.5781	1.0412
2017-04-24 21:15:00	30.5692	31.2609	0.9556	0.0522	0.0016	17.5781	1.0425
2017-04-24 21:30:00	30.6509	31.2609	0.9582	0.0522	0.0016 0.0016	17.5781 17.6490	1.0452
2017-04-24 21:45:00 2017-04-24 22:00:00	30.6407 30.4944	31.2609 31.2609	0.9579 0.9533	0.0522 0.0522	0.0016	19.1345	1.0491 1.1320
2017-04-24 22:00:00	30.6475	31.2609	0.9533	0.0522	0.0016	19.1345	1.1320
2017-04-24 22:30:00	30.5428	31.2609	0.9548	0.0522	0.0016	19.1345	1.1377
2017-04-24 22:45:00	30.6972	31.2609	0.9596	0.0522	0.0016	19.1345	1.1336
2017-04-24 23:00:00	30.4727	31.2609	0.9526	0.0522	0.0016	19.1345	1.1312
2017-04-24 23:15:00	30.6554	31.2609	0.9583	0.0522	0.0016	19.1345	1.1312
2017-04-24 23:30:00	30.5906	31.2609	0.9563	0.0522	0.0016	19.1345	1.1356
2017-04-24 23:45:00	30.7354	31.2609	0.9608	0.0522	0.0016	19.1345	1.1409
2017-04-25 00:00:00	30.8045	31.2609	0.9630	0.0522	0.0016	19.1345	1.1435
2017-04-25 00:15:00	31.0436	31.2609	0.9705	0.0522	0.0016	19.1345	1.1524
2017-04-25 00:30:00	30.8449	31.2609	0.9642	0.0522	0.0016	19.1345	1.1450
2017-04-25 00:45:00	30.7773	31.2609	0.9621	0.0498	0.0015	19.1345	1.1425
2017-04-25 01:00:00	30.6735	31.2609	0.9589	0.1155	0.0035	19.1345	1.1386
2017-04-25 01:15:00	30.7968	31.2609	0.9627	0.0000	0.0000	19.1345	1.1432
2017-04-25 01:30:00	30.8077	31.2609	0.9631	0.0000	0.0000	19.1345	1.1436
2017-04-25 01:45:00	30.8654	31.2609	0.9649	0.0000	0.0000	19.1345	1.1458
2017-04-25 02:00:00	31.0879	31.2609	0.9718	0.0000	0.0000	19.1345	1.1540
2017-04-25 02:15:00	31.3023	31.2609	0.9785	0.0000	0.0000	19.1345	1.1620
2017-04-25 02:30:00	31.2584	31.2609	0.9772	0.0000	0.0000	19.1345	1.1603
2017-04-25 02:45:00	31.1362	31.2609	0.9733	0.0000	0.0000	19.1345	1.1558
2017-04-25 03:00:00	31.1558	31.2609	0.9740	0.0000	0.0000	19.1345	1.1565
2017-04-25 03:15:00	31.2063	31.2609	0.9755	0.0000	0.0000	19.1345	1.1584
2017-04-25 03:30:00	31.1593	31.2609	0.9741	0.0000	0.0000	19.1345	1.1567
2017-04-25 03:45:00	31.1295	31.2609	0.9731	0.0000	0.0000	19.1345	1.1556
2017-04-25 04:00:00	31.0688	31.2609	0.9712	0.0000	0.0000	19.1345	1.1533
2017-04-25 04:15:00	31.0768	31.2609	0.9715	0.0000	0.0000	19.1345	1.1536
2017-04-25 04:30:00	31.1839	31.2609	0.9748	0.0000	0.0000	19.1345	1.1576
2017-04-25 04:45:00	31.1687	31.2609	0.9744	0.0000	0.0000	19.1345	1.1570
2017-04-25 05:00:00	31.0853	31.2609	0.9718	1.3806	0.0429	19.1345	1.1539
2017-04-25 05:15:00	30.8844	31.2609	0.9655	0.6331	0.0196	18.1056	1.0848
2017-04-25 05:30:00	31.2749	31.2609	0.9777	0.0000	0.0000	17.5781	1.0665
2017-04-25 05:45:00	31.3945	31.2609	0.9814	0.0000	0.0000	17.5781	1.0706
2017-04-25 06:00:00	31.2431	31.2609	0.9767	0.0000	0.0000	17.5781	1.0654
2017-04-25 06:15:00	31.3243	31.2609	0.9792	0.0000	0.0000	17.5781	1.0682
2017-04-25 06:30:00	31.3590	31.2609	0.9803	0.0000	0.0000	17.5781	1.0694
2017-04-25 06:45:00	31.1759	31.2609	0.9746	0.0000	0.0000	17.5781	1.0631
2017-04-25 07:00:00	31.0442	31.2609	0.9705	0.0000	0.0000	17.5781	1.0587
2017-04-25 07:15:00	30.9892	31.2609	0.9688	0.0000	0.0000	17.5781	1.0568
2017-04-25 07:30:00	31.1865	31.2609	0.9749	0.0000	0.0000	17.5781	1.0635
2017-04-25 07:45:00	31.1159	31.2609	0.9727	0.0000	0.0000	17.5781	1.0611
2017-04-25 08:00:00	31.0598	31.2609	0.9710	0.0000	0.0000	17.5781	1.0592
2017-04-25 08:15:00	31.2054	31.2609	0.9755	0.0000	0.0000	17.5781	1.0642
2017-04-25 08:30:00	31.2928	31.2609	0.9782	0.0000	0.0000	17.5781	1.0671
2017-04-25 08:45:00	31.3552	31.2609	0.9802	0.0000	0.0000	17.5781	1.0693
2017-04-25 09:00:00	31.4515	31.2609	0.9832	0.0000	0.0000	17.5781	1.0725
2017-04-25 09:15:00 2017-04-25 09:30:00	31.3787	31.2609	0.9809	0.0000	0.0000	17.5781	1.0701
	31.4746	31.2609	0.9839	0.0000	0.0000	17.5781	1.0733

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-25 09:45:00	31.4800	31.2609	0.9841	0.0000	0.0000	17.5781	1.0735
2017-04-25 10:00:00	31.5373	31.2609	0.9859	0.0016	0.0001	17.5781	1.0755
2017-04-25 10:15:00	31.4545	31.2609	0.9833	0.0000	0.0000	17.5781	1.0726
2017-04-25 10:30:00	31.2977	31.2609	0.9784	0.0000	0.0000	17.5781	1.0673
2017-04-25 10:45:00	31.2261	31.2609	0.9762	0.0000	0.0000	17.5781	1.0649
2017-04-25 11:00:00	31.0243	31.2609	0.9698	0.0000	0.0000	17.5781	1.0580
2017-04-25 11:15:00	31.1085	31.2609	0.9725	0.0000	0.0000	17.5781	1.0608
2017-04-25 11:30:00	30.8084	31.2609	0.9631	0.0193	0.0006	17.5781	1.0506
2017-04-25 11:45:00	30.7163	31.2609	0.9602	0.0088	0.0003	17.5781	1.0475
2017-04-25 12:00:00	30.7714	31.2609	0.9619 0.9572	0.0213 0.0213	0.0007 0.0007	17.5781	1.0494
2017-04-25 12:15:00 2017-04-25 12:30:00	30.6184 30.5997	31.2609 31.2609	0.9572	0.0213	0.0007	17.5781 17.5781	1.0441 1.0435
2017-04-25 12:30:00	30.5787	31.2609	0.9559	0.0213	0.0007	17.5781	1.0435
2017-04-25 12:43:00	30.6444	31.2609	0.9580	0.0213	0.0007	17.5781	1.0428
2017-04-25 13:15:00	30.6333	31.2609	0.9576	0.0213	0.0007	17.5781	1.0446
2017-04-25 13:30:00	30.5642	31.2609	0.9555	0.0213	0.0007	17.5781	1.0423
2017-04-25 13:45:00	30.5850	31.2609	0.9561	0.0213	0.0007	17.5781	1.0430
2017-04-25 14:00:00	30.9240	31.2609	0.9667	0.0213	0.0007	17.5781	1.0546
2017-04-25 14:15:00	31.1158	31.2609	0.9727	0.0213	0.0007	17.5781	1.0611
2017-04-25 14:30:00	30.8793	31.2609	0.9653	0.0395	0.0012	17.5781	1.0530
2017-04-25 14:45:00	30.8055	31.2609	0.9630	0.0521	0.0016	17.5781	1.0505
2017-04-25 15:00:00	30.7300	31.2609	0.9606	0.0237	0.0007	17.5781	1.0479
2017-04-25 15:15:00	30.8120	31.2609	0.9632	0.0484	0.0015	17.5781	1.0507
2017-04-25 15:30:00	31.0693	31.2609	0.9713	0.0364	0.0011	17.5781	1.0595
2017-04-25 15:45:00	30.9782	31.2609	0.9684	0.0674	0.0021	17.5781	1.0564
2017-04-25 16:00:00	31.1216	31.2609	0.9729	0.0436	0.0014	17.5781	1.0613
2017-04-25 16:15:00	30.8861	31.2609	0.9655	0.0838	0.0026	17.6698	1.0588
2017-04-25 16:30:00	30.8525	31.2609	0.9645	0.1258	0.0039	19.1345	1.1453
2017-04-25 16:45:00	30.9083	31.2609	0.9662	0.0929	0.0029	19.1345	1.1473
2017-04-25 17:00:00	30.8161	31.2609	0.9633	0.1136	0.0035	19.1345	1.1439
2017-04-25 17:15:00	31.0952	31.2609	0.9721	0.1519	0.0047	19.1345	1.1543
2017-04-25 17:30:00	31.2781	31.2609	0.9778	0.0463	0.0014	18.9737	1.1513
2017-04-25 17:45:00	30.8236	31.2609	0.9636	0.0811	0.0025	17.5781	1.0511
2017-04-25 18:00:00	30.4844	31.2609	0.9530	0.0157	0.0005	17.5781	1.0396
2017-04-25 18:15:00	30.5371	31.2609	0.9546	0.0144	0.0004	17.5781	1.0414
2017-04-25 18:30:00	30.6303	31.2609	0.9575	0.0144	0.0004	17.5781	1.0445
2017-04-25 18:45:00	30.8296	31.2609	0.9638	0.0144	0.0004	17.5781	1.0513
2017-04-25 19:00:00	31.3798	31.2609	0.9810	0.0144	0.0005	17.5781	1.0701
2017-04-25 19:15:00	31.5760	31.2609	0.9871	0.0144	0.0005	17.5781	1.0768
2017-04-25 19:30:00	31.5479	31.2609	0.9862	0.0144	0.0005	17.5781	1.0758
2017-04-25 19:45:00	31.4448	31.2609	0.9830	0.0144	0.0005 0.0005	17.5781	1.0723
2017-04-25 20:00:00 2017-04-25 20:15:00	31.3589 31.1808	31.2609 31.2609	0.9803 0.9747	0.0144 0.0144	0.0005	17.5781 17.5781	1.0694 1.0633
2017-04-25 20:30:00	31.5637	31.2609	0.9867	0.2780	0.0004	19.0965	
2017-04-25 20:30:00	31.6062	31.2609	0.9880	0.2780	0.0088	19.1345	1.1693 1.1733
2017-04-25 21:00:00	31.6486	31.2609	0.9894	0.0488	0.0038	19.1345	1.1748
2017-04-25 21:15:00	31.6175	31.2609	0.9884	0.0210	0.0013	19.1345	1.1737
2017-04-25 21:30:00	31.6225	31.2609	0.9885	0.0192	0.0006	19.1345	1.1739
2017-04-25 21:45:00	31.4550	31.2609	0.9833	0.0192	0.0007	19.1345	1.1676
2017-04-25 22:00:00	31.5927	31.2609	0.9876	0.0000	0.0000	19.1345	1.1728
2017-04-25 22:15:00	31.6866	31.2609	0.9906	0.0008	0.0000	19.1345	1.1762
2017-04-25 22:30:00	31.6157	31.2609	0.9883	0.0071	0.0002	19.1345	1.1736
2017-04-25 22:45:00	31.5434	31.2609	0.9861	0.0016	0.0000	19.1345	1.1709
2017-04-25 23:00:00	31.6359	31.2609	0.9890	0.9114	0.0288	19.1345	1.1744
2017-04-25 23:15:00	31.6863	31.2609	0.9905	0.3391	0.0107	19.1345	1.1762
2017-04-25 23:30:00	31.5876	31.2609	0.9875	0.0617	0.0019	19.1345	1.1726
2017-04-25 23:45:00	31.5075	31.2609	0.9850	0.1313	0.0041	19.1345	1.1696
2017-04-26 00:00:00	31.5818	31.2609	0.9873	0.0505	0.0016	19.1345	1.1723
2017-04-26 00:15:00	31.5899	31.2609	0.9875	0.0067	0.0002	19.1345	1.1726
2017-04-26 00:30:00	31.5750	31.2609	0.9871	0.0105	0.0003	19.1345	1.1721
2017-04-26 00:45:00	31.5939	31.2609	0.9877	0.0252	0.0008	19.1345	1.1728
2017-04-26 01:00:00	31.5903	31.2609	0.9875	0.0328	0.0010	19.1345	1.1727
2017-04-26 01:15:00	31.6623	31.2609	0.9898	0.0342	0.0011	19.1345	1.1753
2017-04-26 01:30:00	31.5833	31.2609	0.9873	0.0043	0.0001	19.1345	1.1724
2017-04-26 01:45:00	31.5835	31.2609	0.9873	0.0000	0.0000	19.1345	1.1724
2017-04-26 02:00:00	31.3394	31.2609	0.9797	0.0000	0.0000	19.1345	1.1633
2017-04-26 02:15:00	31.2464	31.2609	0.9768	0.0000	0.0000	19.1345	1.1599
2017-04-26 02:30:00	31.4669	31.2609	0.9837	0.0000	0.0000	19.1345	1.1681
2017-04-26 02:45:00	31.5227	31.2609	0.9854	0.0000	0.0000	19.1345	1.1702
2017-04-26 03:00:00	31.2935	31.2609	0.9783	0.0000	0.0000	19.1345	1.1616
2017-04-26 03:15:00	30.9383	31.2609	0.9672	0.0000	0.0000	19.1345	1.1485
2017-04-26 03:30:00	30.8311	31.2609	0.9638	0.0000	0.0000	19.1345	1.1445
2017-04-26 03:45:00	31.1310 30.5081	31.2609	0.9732	0.0000	0.0000	19.1345 17.6542	1.1556
2017-04-26 04:00:00 2017-04-26 04:15:00	30.5981 30.3922	31.2609 31.2609	0.9565 0.9501	0.0000	0.0000 0.0000	17.6542 17.5781	1.0480 1.0364
2017-04-20 04.13.00	30.3722	31.2003	0.5501	0.0000	0.0000	17.3701	1.0304

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-26 04:30:00	30.6549	31.2609	0.9583	0.0000	0.0000	17.5781	1.0454
2017-04-26 04:45:00	30.7436	31.2609	0.9611	0.0377	0.0012	17.5781	1.0484
2017-04-26 05:00:00	30.7828	31.2609	0.9623	0.0275	0.0008	17.5781	1.0497
2017-04-26 05:15:00	30.5750	31.2609	0.9558	0.0214	0.0007	17.5781	1.0427
2017-04-26 05:30:00	30.3417	31.2609	0.9485	0.0027	0.0001	17.5781	1.0347
2017-04-26 05:45:00	30.5344	31.2609	0.9545	0.0040	0.0001	17.7874	1.0537
2017-04-26 06:00:00	30.7044	31.2609	0.9598	0.0000	0.0000	19.1345	1.1398
2017-04-26 06:15:00	30.6418	31.2609	0.9579	0.0000	0.0000	19.1345	1.1375
2017-04-26 06:30:00	30.6561	31.2609	0.9583	0.0055	0.0002	19.1345	1.1380
2017-04-26 06:45:00	30.6475	31.2609	0.9581	0.0064	0.0002	19.1345	1.1377
2017-04-26 07:00:00	30.6374	31.2609	0.9578	0.0267	0.0008	19.1345	1.1373
2017-04-26 07:15:00	30.6347	31.2609	0.9577	0.0333	0.0010	19.1345	1.1372
2017-04-26 07:30:00	30.5537	31.2609	0.9551	0.0370	0.0011	19.1345	1.1342
2017-04-26 07:45:00	30.6259	31.2609	0.9574	0.0700	0.0021	19.1345	1.1369
2017-04-26 08:00:00	30.5799	31.2609	0.9560	0.0618	0.0019	19.1345	1.1352
2017-04-26 08:15:00	30.6284	31.2609	0.9575	0.0557	0.0017	19.1345	1.1370
2017-04-26 08:30:00	30.5613	31.2609	0.9554	0.0147	0.0004	19.1345	1.1345
2017-04-26 08:45:00	30.5387	31.2609	0.9547	0.0107	0.0003	19.1345	1.1336
2017-04-26 09:00:00	30.5637	31.2609	0.9554	0.0220	0.0007	18.2595	1.0827
2017-04-26 09:15:00	30.6470	31.2609	0.9581	0.0247	0.0008	17.5781	1.0451
2017-04-26 09:30:00	30.6497	31.2609	0.9581	0.0000	0.0000	17.5781	1.0452
2017-04-26 09:45:00	30.8197	30.9961	0.9553	0.0000	0.0000	17.5781	1.0510
2017-04-26 10:00:00	30.7546	27.9057	0.8582	0.0000	0.0000	17.7771	1.0607
2017-04-26 10:15:00	30.7239	11.1883	0.3437	0.0000	0.0000	18.4001	1.0967
2017-04-26 10:30:00	30.6014	33.7505	1.0328	0.0000	0.0000	17.8809	1.0615
2017-04-26 10:45:00	30.6839	37.8738 37.8738	1.1621	0.0000	0.0000	17.5781	1.0464
2017-04-26 11:00:00	30.5881	37.8738 37.8738	1.1585	0.0000	0.0000 0.0000	17.5781	1.0431
2017-04-26 11:15:00 2017-04-26 11:30:00	30.5896 30.5550	37.8738	1.1585 1.1572	0.0000	0.0000	17.5781 17.5781	1.0432 1.0420
2017-04-26 11:30:00	30.5108	37.8738	1.1572	0.0008	0.0000	17.5781	1.0420
2017-04-26 12:00:00	30.6557	37.8738	1.1611	0.0000	0.0000	17.5781	1.0403
2017-04-26 12:15:00	30.7421	37.8738	1.1643	0.0189	0.0006	17.5781	1.0434
2017-04-26 12:30:00	30.8911	37.8738	1.1700	0.0582	0.0018	17.5781	1.0534
2017-04-26 12:45:00	30.5917	37.8738	1.1586	0.0000	0.0000	17.5781	1.0432
2017-04-26 13:00:00	30.5885	37.8738	1.1585	0.0083	0.0003	17.5781	1.0432
2017-04-26 13:15:00	30.5645	37.8738	1.1576	0.0024	0.0001	17.5781	1.0423
2017-04-26 13:30:00	30.6838	37.8738	1.1621	0.0000	0.0000	17.5781	1.0464
2017-04-26 13:45:00	30.6427	37.8738	1.1606	0.0000	0.0000	17.5781	1.0450
2017-04-26 14:00:00	30.6014	37.8738	1.1590	0.3891	0.0119	17.5781	1.0436
2017-04-26 14:15:00	30.7289	29.1532	0.8958	1.3513	0.0415	17.8504	1.0641
2017-04-26 14:30:00	30.5725	14.4475	0.4417	1.4327	0.0438	18.2770	1.0840
2017-04-26 14:45:00	30.5321	18.1957	0.5556	0.0676	0.0021	17.8009	1.0544
2017-04-26 15:00:00	30.5268	25.6500	0.7830	0.0000	0.0000	18.1274	1.0735
2017-04-26 15:15:00	30.4490	25.6500	0.7810	0.0000	0.0000	18.1274	1.0708
2017-04-26 15:30:00	30.5279	25.6500	0.7830	0.0000	0.0000	18.1274	1.0736
2017-04-26 15:45:00	30.5630	25.6500	0.7839	0.0000	0.0000	18.1274	1.0748
2017-04-26 16:00:00	30.5660	25.6500	0.7840	0.0000	0.0000	18.1274	1.0749
2017-04-26 16:15:00	30.8010	25.6500	0.7900	0.0000	0.0000	18.1274	1.0832
2017-04-26 16:30:00	30.9741	25.6500	0.7945	0.0000	0.0000	18.1274	1.0893
2017-04-26 16:45:00	30.8745	25.6500	0.7919	0.0000	0.0000	18.1274	1.0858
2017-04-26 17:00:00	30.8913	25.6500	0.7924	0.0000	0.0000	18.1274	1.0864
2017-04-26 17:15:00	30.6545	25.6500	0.7863	0.0000	0.0000	18.1274	1.0780
2017-04-26 17:30:00	30.6377	25.6500	0.7859	0.0000	0.0000	18.1274	1.0774
2017-04-26 17:45:00	30.8041	25.6500	0.7901	0.0000	0.0000	18.1274	1.0833
2017-04-26 18:00:00	30.9553	25.6500	0.7940	0.0000	0.0000	18.1274	1.0886
2017-04-26 18:15:00	30.9564	25.6500	0.7940	0.0000	0.0000	18.1274	1.0887
2017-04-26 18:30:00	30.8301	25.6500	0.7908	0.0000	0.0000	18.1274	1.0842
2017-04-26 18:45:00	30.9253	25.6500	0.7932	0.0000	0.0000	18.1274	1.0876
2017-04-26 19:00:00	30.8054	25.6500	0.7902	0.0000	0.0000	18.1274	1.0833
2017-04-26 19:15:00	30.9791	25.6500	0.7946	0.0000	0.0000	18.1274	1.0895
2017-04-26 19:30:00	31.0080	25.6500	0.7954	0.0000	0.0000	18.1274	1.0905
2017-04-26 19:45:00	30.9373	25.6500	0.7935	0.0000	0.0000	18.1274	1.0880
2017-04-26 20:00:00	30.8779	25.6500	0.7920	0.0000	0.0000	18.1274	1.0859
2017-04-26 20:15:00	31.0178	25.6500	0.7956	0.0000	0.0000	18.1274	1.0908
2017-04-26 20:30:00	30.6576	25.6500	0.7864	0.0000	0.0000	18.1274	1.0781
2017-04-26 20:45:00	30.5966	25.6500	0.7848	0.0000	0.0000	18.1274	1.0760
2017-04-26 21:00:00	30.5089	25.6500	0.7826	0.0000	0.0000	18.1274	1.0729
2017-04-26 21:15:00	30.4364	25.6500	0.7807	0.0000	0.0000	18.1274	1.0704
2017-04-26 21:30:00	30.5891	25.6500	0.7846	0.0000	0.0000	18.1274	1.0757
2017-04-26 21:45:00	30.8832	25.6500	0.7922	0.1426	0.0044	18.1274	1.0861
2017-04-26 22:00:00	30.9367	25.6500	0.7935	2.0822	0.0644	18.1274	1.0880
2017-04-26 22:15:00	30.8247	25.6500	0.7907	2.6992	0.0832	19.2117	1.1489
2017-04-26 22:30:00	30.7158	25.6500	0.7879	0.5534	0.0170	19.3345	1.1521
2017-04-26 22:45:00	30.5755	25.6500	0.7843	0.0642	0.0020	18.1274	1.0753
2017-04-26 23:00:00	30.4995	25.6500	0.7823	0.0444	0.0014	18.1274	1.0726

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-26 23:15:00	30.5774	25.6500	0.7843	0.0000	0.0000	18.1274	1.0753
2017-04-26 23:30:00	30.5338	25.6500	0.7832	0.0000	0.0000	18.1274	1.0738
2017-04-26 23:45:00	30.6364	25.6500	0.7858	0.0000	0.0000	18.1274	1.0774
2017-04-27 00:00:00	30.6768	25.6500	0.7869	0.0000	0.0000	18.1274	1.0788
2017-04-27 00:15:00	30.7386	25.6500	0.7884	0.0000	0.0000	18.1274	1.0810
2017-04-27 00:30:00	30.7749	25.6500	0.7894	0.0000	0.0000	18.1274	1.0823
2017-04-27 00:45:00	30.7272	25.6500	0.7882	0.0000	0.0000	18.1274	1.0806
2017-04-27 01:00:00	30.8780	25.6500	0.7920	0.0000	0.0000	18.1274	1.0859
2017-04-27 01:15:00	30.8145	25.6500	0.7904	0.0000	0.0000	18.1274	1.0837
2017-04-27 01:30:00	30.7651	25.6500	0.7891	0.0000	0.0000	18.1274	1.0819
2017-04-27 01:45:00	30.6932	25.6500	0.7873	0.0000	0.0000	18.1274	1.0794
2017-04-27 02:00:00	30.8547	25.6500	0.7914	0.0000	0.0000	18.1274	1.0851
2017-04-27 02:15:00	30.8930	25.6500	0.7924	0.0000	0.0000	18.1274	1.0864
2017-04-27 02:30:00	30.8998	25.6500	0.7926	0.0000	0.0000	18.1274	1.0867
2017-04-27 02:45:00	31.0430	25.6500	0.7963	0.0000	0.0000	18.1274	1.0917
2017-04-27 03:00:00	30.9741	25.6500	0.7945	0.0025	0.0001	18.1274	1.0893
2017-04-27 03:15:00	31.0915	25.6500	0.7975	0.0000	0.0000	18.1274	1.0934
2017-04-27 03:30:00	30.9599	25.6500	0.7941	0.0074	0.0002	18.1274	1.0888
2017-04-27 03:45:00	31.0844	25.6500	0.7973	0.0137	0.0004	18.1274	1.0932
2017-04-27 04:00:00	31.1786	25.6500	0.7997	0.0137	0.0004	18.1274	1.0965
2017-04-27 04:15:00	31.0796	25.6500	0.7972	0.0137	0.0004	18.1274	1.0930
2017-04-27 04:30:00	31.2258	25.6500	0.8009	0.0137	0.0004	18.1274	1.0981
2017-04-27 04:45:00 2017-04-27 05:00:00	31.1876 31.1778	25.6500 25.6500	0.8000 0.7997	0.0311 0.0309	0.0010 0.0010	18.1274 18.1274	1.0968 1.0964
2017-04-27 05:15:00 2017-04-27 05:30:00	31.1120 31.1908	25.6500 25.6500	0.7980 0.8000	0.0218 0.0054	0.0007 0.0002	18.1274 18.1274	1.0941 1.0969
2017-04-27 05:30:00		25.6500	0.8000	0.0034	0.0002	18.1274	1.0969
2017-04-27 05:45:00	31.1705 31.2074	25.6500	0.7995	0.0096	0.0003	18.1274	1.0962
2017-04-27 06:00:00	31.0736	25.6500	0.8003	0.0116	0.0004	18.1274	1.0975
2017-04-27 06:30:00	31.0595	25.6500	0.7967	0.0218	0.0007	18.1274	1.0928
2017-04-27 06:45:00	31.1767	25.6500	0.7997	0.0220	0.0007	18.1274	1.0964
2017-04-27 07:00:00	31.3607	25.6500	0.8044	0.0220	0.0007	18.8987	1.1498
2017-04-27 07:00:00	31.3262	25.6500	0.8035	0.0201	0.0009	19.6838	1.1962
2017-04-27 07:19:00	31.3342	25.6500	0.8037	0.0051	0.0003	19.6838	1.1965
2017-04-27 07:45:00	31.2321	25.6500	0.8011	0.0225	0.0007	19.6838	1.1927
2017-04-27 08:00:00	31.1958	25.6500	0.8002	0.0223	0.0009	19.1892	1.1613
2017-04-27 08:15:00	31.1421	25.6500	0.7988	0.0268	0.0008	18.1274	1.0952
2017-04-27 08:30:00	31.0644	25.6500	0.7968	0.0234	0.0007	18.1274	1.0924
2017-04-27 08:45:00	31.1756	25.6500	0.7997	0.0771	0.0024	18.1274	1.0964
2017-04-27 09:00:00	31.0669	25.6500	0.7969	0.1291	0.0040	18.1274	1.0925
2017-04-27 09:15:00	31.0599	25.6500	0.7967	0.1052	0.0033	18.1274	1.0923
2017-04-27 09:30:00	31.2130	25.6500	0.8006	0.0925	0.0029	18.1274	1.0977
2017-04-27 09:45:00	31.3151	25.6500	0.8032	0.1461	0.0046	18.1274	1.1013
2017-04-27 10:00:00	31.2584	25.6500	0.8018	0.1315	0.0041	18.1274	1.0993
2017-04-27 10:15:00	30.9445	271.9078	8.4141	0.0731	0.0023	18.1274	1.0882
2017-04-27 10:30:00	30.8439	330.5399	10.1951	7.9279	0.2445	18.1274	1.0847
2017-04-27 10:45:00	31.0566	32.2629	1.0020	0.7458	0.0232	18.1274	1.0922
2017-04-27 11:00:00	30.9215	49.1625	1.5202	0.1305	0.0040	18.1274	1.0874
2017-04-27 11:15:00	31.1143	65.3273	2.0326	0.0410	0.0013	18.1274	1.0942
2017-04-27 11:30:00	30.9806	65.3273	2.0239	0.0630	0.0020	18.1274	1.0895
2017-04-27 11:45:00	31.0262	65.3273	2.0269	0.0035	0.0001	18.1274	1.0911
2017-04-27 12:00:00	30.8572	65.3273	2.0158	0.0038	0.0001	18.1274	1.0852
2017-04-27 12:15:00	30.9401	38.6921	1.1971	0.0142	0.0004	18.1274	1.0881
2017-04-27 12:30:00	31.0486	32.2629	1.0017	0.0149	0.0005	18.1274	1.0919
2017-04-27 12:45:00	30.9346	32.2629	0.9980	0.0158	0.0005	18.1274	1.0879
2017-04-27 13:00:00	30.9937	32.2629	0.9999	0.0158	0.0005	18.1274	1.0900
2017-04-27 13:15:00	30.7910	32.2629	0.9934	0.0024	0.0001	18.1274	1.0828
2017-04-27 13:30:00	30.8095	32.2629	0.9940	0.0000	0.0000	18.1274	1.0835
2017-04-27 13:45:00	31.0436	32.2629	1.0016	0.0545	0.0017	18.1274	1.0917
2017-04-27 14:00:00	31.1797	32.2629	1.0059	0.0000	0.0000	18.1274	1.0965
2017-04-27 14:15:00	30.8393	32.2629	0.9950	0.0388	0.0012	18.1274	1.0845
2017-04-27 14:30:00	30.8555	32.2629	0.9955	0.0391	0.0012	18.1274	1.0851
2017-04-27 14:45:00	30.8384	32.2629	0.9949	0.0337	0.0010	18.1274	1.0845
2017-04-27 15:00:00	30.8186	32.2629	0.9943	0.0309	0.0010	18.1274	1.0838
2017-04-27 15:15:00	30.6849	32.2629	0.9900	0.0113	0.0003	18.1274	1.0791
2017-04-27 15:30:00	30.8169	32.2629	0.9942	0.0000	0.0000	18.1274	1.0837
2017-04-27 15:45:00	30.7178	32.2629	0.9910	0.0000	0.0000	18.1274	1.0803
2017-04-27 16:00:00	30.6810	32.2629	0.9899	0.0021	0.0001	18.1274	1.0790
2017-04-27 16:15:00	30.8198	32.2629	0.9943	0.0032	0.0001	18.1274	1.0838
2017-04-27 16:30:00	30.7257	32.2629	0.9913	0.0000	0.0000	18.1274	1.0805
2017-04-27 16:45:00	30.7385	32.2629	0.9917	0.0000	0.0000	18.1274	1.0810
2017-04-27 17:00:00	30.9540	32.2629	0.9987	0.0000	0.0000	18.1274	1.0886
2017-04-27 17:15:00	30.7702	32.2629	0.9927	0.0000	0.0000	18.1274	1.0821
2017-04-27 17:30:00	30.6953	32.2629	0.9903	0.0000	0.0000	18.1274	1.0795
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		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-27 18:00:00	30.6792	32.2629	0.9898	0.0014	0.0000	20.1416	1.1988
2017-04-27 18:15:00	30.6332	32.2629	0.9883	0.0165	0.0005	20.1416	1.1970
2017-04-27 18:30:00	30.5034	32.2629	0.9841	0.0076	0.0002	20.1416	1.1919
2017-04-27 18:45:00	30.5834	32.2629	0.9867	0.0076	0.0002	18.8723	1.1197
2017-04-27 19:00:00	30.5563	32.2629	0.9858	0.0076	0.0002	18.5852	1.1017
2017-04-27 19:15:00	30.5663	32.2629	0.9862	0.0076	0.0002	18.5852	1.1021
2017-04-27 19:30:00	30.5784	32.2629	0.9865	0.0076	0.0002	18.5852	1.1025
2017-04-27 19:45:00	30.6969	32.2629	0.9904	0.0076	0.0002	18.5852	1.1068
2017-04-27 20:00:00	30.8823	32.2629	0.9964	0.0076	0.0002	18.5852	1.1135
2017-04-27 20:15:00	31.1913	32.2629	1.0063	0.0076	0.0002	18.5852	1.1246
2017-04-27 20:30:00	31.6642	32.2629	1.0216	0.0177	0.0006	19.3357	1.1878
2017-04-27 20:45:00	31.7603	32.2629	1.0247	0.0000	0.0000	20.1416	1.2410
2017-04-27 21:00:00	31.4751	32.2629	1.0155	0.0054	0.0002	20.1416	1.2299
2017-04-27 21:15:00	31.4207	32.2629	1.0137	0.0027	0.0001	20.1416	1.2278
2017-04-27 21:30:00	31.3119	32.2629	1.0102	0.1304	0.0041	20.1416	1.2235
2017-04-27 21:45:00	31.0704	32.2629	1.0024	0.0000	0.0000	20.1416	1.2141
2017-04-27 22:00:00	31.0818	32.2629	1.0028	0.0016	0.0001	20.1416	1.2145
2017-04-27 22:15:00	31.1742	32.2629	1.0058	0.0000	0.0000	20.1416	1.2181
2017-04-27 22:30:00	31.1554	32.2629	1.0052	0.0000	0.0000	20.1416	1.2174
2017-04-27 22:45:00	31.1041	32.2629	1.0035	0.0000	0.0000	20.1416	1.2154
2017-04-27 23:00:00	31.1429	32.2629	1.0048	0.0000	0.0000	20.1416 20.1416	1.2169
2017-04-27 23:15:00	31.1664 31.3494	32.2629	1.0055	0.0065	0.0002	20.1416 20.1416	1.2178
2017-04-27 23:30:00 2017-04-27 23:45:00	31.3494 31.3663	32.2629 32.2629	1.0114 1.0120	0.0169 0.0391	0.0005 0.0012	20.1416 18.6060	1.2250 1.1322
2017-04-27 23:45:00 2017-04-28 00:00:00	31.3663	32.2629 32.2629	1.0120	0.0391	0.0012	18.6060	1.1322
2017-04-28 00:00:00 2017-04-28 00:15:00	31.1386	32.2629 32.2629	1.0046	0.0490	0.0015	18.5852 18.5852	
2017-04-28 00:15:00 2017-04-28 00:30:00	30.9963	32.2629 32.2629	0.9883	0.0317	0.0010	18.5852 18.5852	1.1176 1.1045
2017-04-28 00:30:00	30.9985	32.2629	1.0001	0.0084	0.0003	18.5852	1.1143
2017-04-28 00:43:00	30.9729	32.2629	0.9993	0.0045	0.0003	18.5852	1.1177
2017-04-28 01:00:00	30.9647	32.2629	0.9990	0.0296	0.0001	18.5852	1.1164
2017-04-28 01:13:00	30.8352	32.2629	0.9948	0.0183	0.0006	18.5852	1.1118
2017-04-28 01:35:00	30.7088	32.2629	0.9908	0.0254	0.0008	18.5852	1.1113
2017-04-28 02:00:00	30.7762	32.2629	0.9929	0.0457	0.0014	18.5852	1.1096
2017-04-28 02:00:00	30.7179	32.2629	0.9910	0.0411	0.0014	18.5852	1.1075
2017-04-28 02:30:00	30.7600	32.2629	0.9924	0.0339	0.0010	18.5852	1.1091
2017-04-28 02:45:00	30.7241	32.2629	0.9912	0.0090	0.0003	18.5852	1.1078
2017-04-28 03:00:00	30.7788	32.2629	0.9930	0.0333	0.0010	18.5852	1.1097
2017-04-28 03:15:00	30.7642	32.2629	0.9925	0.0385	0.0012	18.5852	1.1092
2017-04-28 03:30:00	30.8549	32.2629	0.9955	0.0557	0.0017	18.5852	1.1125
2017-04-28 03:45:00	30.8387	32.2629	0.9949	0.0540	0.0017	18.5852	1.1119
2017-04-28 04:00:00	30.8652	32.2629	0.9958	0.0455	0.0014	18.5852	1.1129
2017-04-28 04:15:00	31.1267	32.2629	1.0042	0.0387	0.0012	18.5852	1.1223
2017-04-28 04:30:00	31.5809	32.2629	1.0189	0.0280	0.0009	18.5852	1.1387
2017-04-28 04:45:00	31.2582	32.2629	1.0085	0.0479	0.0015	18.5852	1.1270
2017-04-28 05:00:00	31.2008	32.2629	1.0066	0.0128	0.0004	18.5852	1.1250
2017-04-28 05:15:00	31.0757	32.2629	1.0026	0.0193	0.0006	18.5852	1.1204
2017-04-28 05:30:00	31.1801	32.2629	1.0060	0.0582	0.0018	18.5852	1.1242
2017-04-28 05:45:00	31.1455	32.2629	1.0048	0.0930	0.0029	18.5852	1.1230
2017-04-28 06:00:00	31.5070	32.2629	1.0165	0.1324	0.0042	18.5852	1.1360
2017-04-28 06:15:00	31.5299	32.2629	1.0172	0.0984	0.0031	18.5852	1.1368
2017-04-28 06:30:00	31.8592	32.2629	1.0279	0.0840	0.0027	18.5852	1.1487
2017-04-28 06:45:00	31.9198	32.2629	1.0298	0.0610	0.0019	18.5852	1.1509
2017-04-28 07:00:00	32.0452	32.2629	1.0339	0.0274	0.0009	18.5852	1.1554
2017-04-28 07:15:00	32.0590	32.2629	1.0343	0.0187	0.0006	18.5852	1.1559
2017-04-28 07:30:00	32.0348	32.2629	1.0335	0.0158	0.0005	18.5852	1.1550
2017-04-28 07:45:00	31.7901	32.2629	1.0256	0.0158	0.0005	18.5852	1.1462
2017-04-28 08:00:00	31.6015	32.2629	1.0196	0.0158	0.0005	18.5852	1.1394
2017-04-28 08:15:00	31.4522	32.2629	1.0147	0.0158	0.0005	18.5852	1.1340
2017-04-28 08:30:00	31.5242	32.2629	1.0171	0.0158	0.0005	18.5852	1.1366
2017-04-28 08:45:00	31.4442	32.2629	1.0145	0.0158	0.0005	18.5852	1.1337
2017-04-28 09:00:00	31.3581	32.2629	1.0117	0.0158	0.0005	18.5852	1.1306
2017-04-28 09:15:00	31.2351	32.2629	1.0077	0.0158	0.0005	18.5852	1.1262
2017-04-28 09:30:00	31.1597	32.2629	1.0053	0.0158	0.0005	18.5852	1.1235
2017-04-28 09:45:00	31.2746	32.2629	1.0090	0.0158	0.0005	18.5852	1.1276
2017-04-28 10:00:00	31.1944	32.2629	1.0064	0.0158	0.0005	18.5852	1.1247
2017-04-28 10:15:00	31.0011	32.2629	1.0002	0.0158	0.0005	18.5852	1.1178
2017-04-28 10:30:00	31.0311	32.2629	1.0012	0.0158	0.0005	18.5852	1.1188
2017-04-28 10:45:00	30.9312	32.2629	0.9979	0.0158	0.0005	18.5852	1.1152
2017-04-28 11:00:00	30.8818	32.2629	0.9963	0.0158	0.0005	18.5852	1.1135
2017-04-28 11:15:00	30.9241	32.2629	0.9977	0.0158	0.0005	18.5852	1.1150
2017-04-28 11:30:00	30.9633	32.2629	0.9990	0.0158	0.0005	18.5852	1.1164
2017-04-28 11:45:00	30.9922	32.2629	0.9999	0.0158	0.0005	18.5852	1.1174
i l	31.0283	32.2629	1.0011	0.0158	0.0005	18.5852	1.1187
2017-04-28 12:00:00	31.0203	32.2023					_
2017-04-28 12:00:00 2017-04-28 12:15:00	30.9826	32.2629	0.9996	0.0158	0.0005	18.5852	1.1171

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-28 12:45:00	31.2522	32.2629	1.0083	0.0158	0.0005	18.5852	1.1268
2017-04-28 13:00:00	31.1319	32.2629	1.0044	0.0158	0.0005	18.5852	1.1225
2017-04-28 13:15:00	30.8857	32.2629	0.9965	0.0158	0.0005	18.4970	1.1083
2017-04-28 13:30:00	30.7564	32.2629	0.9923	0.0158	0.0005	17.0288	1.0161
2017-04-28 13:45:00	30.8616	32.2629	0.9957	0.0158	0.0005	17.0288	1.0195
2017-04-28 14:00:00	31.0505	32.2629	1.0018	0.0158	0.0005	17.0288	1.0258
2017-04-28 14:15:00	30.9962	32.2629	1.0000	0.0158	0.0005	17.0288	1.0240
2017-04-28 14:30:00	30.9008	32.2629	0.9969	0.0158	0.0005	17.0288	1.0208
2017-04-28 14:45:00	30.7397	32.2629	0.9918	0.0158	0.0005	17.0288	1.0155
2017-04-28 15:00:00	30.6120	32.2629	0.9876	0.0158	0.0005	17.0288	1.0113
2017-04-28 15:15:00	30.6635	32.2629	0.9893	0.0158	0.0005	17.0288	1.0130
2017-04-28 15:30:00	30.6083	32.2629	0.9875	0.0194	0.0006	17.0288	1.0112
2017-04-28 15:45:00	30.7224	32.2629	0.9912	0.0075	0.0002	17.0288	1.0149
2017-04-28 16:00:00	30.7191	32.2629	0.9911 0.3003	0.0129 4.7897	0.0004 0.0446	17.0288	1.0148
2017-04-28 16:15:00	9.3065	32.2629	0.3003	9.6381		15.0424	0.2716
2017-04-28 16:30:00	0.0000	90.4343		4.6926	0.0000	17.7153	0.0000
2017-04-28 16:45:00	0.0000	127.2681 133.6605	0.0000 0.0000	2.9764	0.0000 0.0000	67.6579	0.0000 0.0000
2017-04-28 17:00:00	0.0000					128.7974	
2017-04-28 17:15:00	0.0000	133.6605 133.6605	0.0000	2.2058	0.0000	149.6257	0.0000 0.0000
2017-04-28 17:30:00 2017-04-28 17:45:00	0.0000 0.0000	133.6605	0.0000 0.0000	1.9742 1.7747	0.0000 0.0000	176.5366 187.5870	0.0000
2017-04-28 17:45:00	0.0000	187.3263	0.0000	1.7747	0.0000	187.5870	0.0000
2017-04-28 18:00:00	0.0000	329.3164	0.0000	1.5916	0.0000	168.1763	0.0000
2017-04-28 18:15:00	0.0000	506.2535	0.0000	1.2874	0.0000	151.9384	0.0000
2017-04-28 18:45:00	0.0000	628.6454	0.0000	0.9389	0.0000	139.0874	0.0000
2017-04-28 18:43:00	0.0000	715.7730	0.0000	0.9389	0.0000	136.1201	0.0000
2017-04-28 19:00:00	0.0000	739.2410	0.0000	0.8006	0.0000	126.9231	0.0000
2017-04-28 19:30:00	0.0000	739.2410	0.0000	0.7193	0.0000	114.0137	0.0000
2017-04-28 19:45:00	0.0000	718.2445	0.0000	0.8123	0.0000	100.3621	0.0000
2017-04-28 20:00:00	0.0000	706.3770	0.0000	0.9211	0.0000	87.2955	0.0000
2017-04-28 20:15:00	0.0000	673.6331	0.0000	0.9570	0.0000	74.4807	0.0000
2017-04-28 20:30:00	0.0000	641.9848	0.0000	0.9747	0.0000	63.8713	0.0000
2017-04-28 20:45:00	0.0000	605.4469	0.0000	0.9017	0.0000	54.8971	0.0000
2017-04-28 21:00:00	0.0000	573.1172	0.0000	0.8384	0.0000	47.0418	0.0000
2017-04-28 21:15:00	0.0000	550.3395	0.0000	0.8405	0.0000	40.6189	0.0000
2017-04-28 21:30:00	0.0000	540.0527	0.0000	0.7869	0.0000	35.5052	0.0000
2017-04-28 21:45:00	0.0000	516.9076	0.0000	0.7869	0.0000	31.4321	0.0000
2017-04-28 22:00:00	0.0000	506.9883	0.0000	0.7653	0.0000	26.2965	0.0000
2017-04-28 22:15:00	0.0000	506.9883	0.0000	0.7869	0.0000	21.7631	0.0000
2017-04-28 22:30:00	0.0000	504.2329	0.0000	0.7869	0.0000	18.3614	0.0000
2017-04-28 22:45:00	0.0000	473.9238	0.0000	0.7869	0.0000	15.5304	0.0000
2017-04-28 23:00:00	0.0000	473.9238	0.0000	0.7396	0.0000	13.0485	0.0000
2017-04-28 23:15:00	0.0000	473.9238	0.0000	0.6657	0.0000	11.2469	0.0000
2017-04-28 23:30:00	0.0000	457.8935	0.0000	0.6654	0.0000	9.5215	0.0000
2017-04-28 23:45:00	0.0000	408.7345	0.0000	0.6654	0.0000	8.0176	0.0000
2017-04-29 00:00:00	0.0000	406.9934	0.0000	0.6281	0.0000	7.1077	0.0000
2017-04-29 00:15:00	0.0000	406.9934	0.0000	0.6070	0.0000	6.0425	0.0000
2017-04-29 00:30:00	0.0000	406.9934	0.0000	0.5874	0.0000	5.4908	0.0000
2017-04-29 00:45:00	0.0000	406.9934	0.0000	0.5507	0.0000	4.4861	0.0000
2017-04-29 01:00:00	0.0000	406.9934	0.0000	0.5507	0.0000	4.4861	0.0000
2017-04-29 01:15:00	0.0000	406.9934	0.0000	0.5448	0.0000	4.4861	0.0000
2017-04-29 01:30:00	0.0000	406.9934	0.0000	0.4944	0.0000	4.4861	0.0000
2017-04-29 01:45:00	0.0000	406.9934	0.0000	0.4944	0.0000	3.3347	0.0000
2017-04-29 02:00:00	0.0000	406.9934	0.0000	0.4944	0.0000	2.5635	0.0000
2017-04-29 02:15:00	0.0000	375.2395	0.0000	0.4403	0.0000	2.5635	0.0000
2017-04-29 02:30:00	0.0000	372.7266	0.0000	0.4623	0.0000	2.5635	0.0000
2017-04-29 02:45:00	0.0000	372.7266	0.0000	0.4937	0.0000	2.5635	0.0000
2017-04-29 03:00:00	0.0000	372.7266	0.0000	0.4937	0.0000	2.5635	0.0000
2017-04-29 03:15:00	0.0000	351.8225	0.0000	0.4583	0.0000	1.0175	0.0000
2017-04-29 03:30:00	0.0000	331.7046	0.0000	0.4367	0.0000	1.7230	0.0000
2017-04-29 03:45:00	0.0000	234.7808	0.0000	0.3532	0.0000	2.5635	0.0000
2017-04-29 04:00:00	0.0000	156.0241	0.0000	0.2524	0.0000	2.5635	0.0000
2017-04-29 04:15:00	0.0000	124.4292	0.0000	0.1566	0.0000	1.1817	0.0000
2017-04-29 04:30:00	0.0000	106.2070	0.0000	0.1323	0.0000	1.0071	0.0000
2017-04-29 04:45:00	0.0000	106.2070	0.0000	0.0941	0.0000	1.0071	0.0000
2017-04-29 05:00:00	0.0000	106.2070	0.0000	0.0941	0.0000	1.0071	0.0000
2017-04-29 05:15:00	0.0000	106.2070	0.0000	0.0941	0.0000	1.0071	0.0000
2017-04-29 05:30:00	0.0000	106.2070	0.0000	0.0941	0.0000	1.0071	0.0000
2017-04-29 05:45:00	0.0000	106.2070	0.0000	0.0941	0.0000	1.0071	0.0000
2017-04-29 06:00:00	0.0000	75.7877	0.0000	0.0941	0.0000	1.0071	0.0000
2017-04-29 06:15:00	0.0000	73.1426	0.0000	0.1238	0.0000	1.0071	0.0000
2017-04-29 06:30:00	0.0000	73.1426	0.0000	0.1545	0.0000	1.0071	0.0000
2017-04-29 06:45:00	0.0000	73.1426	0.0000	0.1978	0.0000	1.0071	0.0000
2017-04-29 07:00:00	0.0000	73.1426	0.0000	0.2705	0.0000	1.0071	0.0000
2017-04-23 07.00.00	0.0000	75.1.20					

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Эx	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-29 07:30:00	0.0000	73.1426	0.0000	0.1560	0.0000	1.0071	0.0000
2017-04-29 07:45:00	0.0000	73.1426	0.0000	0.1963	0.0000	1.0071	0.0000
2017-04-29 08:00:00	0.0000	73.1426	0.0000	0.0357	0.0000	1.0071	0.0000
2017-04-29 08:15:00	0.0000	73.1426	0.0000	0.0357	0.0000	1.0071	0.0000
2017-04-29 08:30:00	0.0000	73.1426	0.0000	0.0451	0.0000	1.0071	0.0000
2017-04-29 08:45:00	0.0000	73.1426	0.0000	0.0481	0.0000	1.0071	0.0000
2017-04-29 09:00:00	0.0000	73.1426	0.0000 0.0000	0.0474 0.0421	0.0000	1.0071	0.0000
2017-04-29 09:15:00 2017-04-29 09:30:00	0.0000 0.0000	73.1426 73.1426	0.0000	0.0421	0.0000 0.0000	1.0071 1.0071	0.0000 0.0000
		73.1426	0.0000	0.0240	0.0000		0.0000
2017-04-29 09:45:00 2017-04-29 10:00:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
	0.0000 0.0000	73.1426	0.0000	0.0240	0.0000	1.0071 1.0071	0.0000
2017-04-29 10:15:00 2017-04-29 10:30:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 10:30:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 11:00:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 11:15:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 11:30:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 11:45:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 11:43:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 12:05:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 12:15:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 12:35:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 13:00:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 13:15:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 13:30:00	0.0000	73.1426	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 13:45:00	0.0000	694.3368	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 14:00:00	0.0000	608.0085	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 14:15:00	0.0000	506.9883	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 14:30:00	0.0000	381.0526	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 14:45:00	0.0000	101.5034	0.0000	0.0240	0.0000	1.0071	0.0000
2017-04-29 15:00:00	0.0000	78.2960	0.0000	0.0801	0.0000	1.0071	0.0000
2017-04-29 15:15:00	0.0311	191.5193	0.0060	0.1374	0.0000	1.0071	0.0001
2017-04-29 15:30:00	14.5743	41.6579	0.6071	0.0318	0.0005	1.0071	0.0285
2017-04-29 15:45:00	20.5020	24.6480	0.5053	0.0268	0.0005	1.0071	0.0401
2017-04-29 16:00:00	23.8070	579.4437	13.7948	0.0247	0.0006	1.0071	0.0465
2017-04-29 16:15:00	24.0740	83.3977	2.0077	0.0247	0.0006	1.0071	0.0470
2017-04-29 16:30:00	24.5717	48.8953	1.2014	0.0247	0.0006	1.0071	0.0480
2017-04-29 16:45:00	26.3059	48.8953	1.2862	0.0247	0.0007	1.0071	0.0514
2017-04-29 17:00:00	27.8893	48.8953	1.3637	0.0247	0.0007	1.0071	0.0545
2017-04-29 17:15:00	28.5931	48.8953	1.3981	0.0247	0.0007	1.0071	0.0559
2017-04-29 17:30:00	28.6050	28.7995	0.8238	0.0247	0.0007	1.0071	0.0559
2017-04-29 17:45:00	28.7107	15.8309	0.4545	0.0247	0.0007	1.0071	0.0561
2017-04-29 18:00:00	29.1264	35.8579	1.0444	0.0247	0.0007	1.0071	0.0569
2017-04-29 18:15:00	29.1618	50.0977	1.4609	0.0247	0.0007	1.0071	0.0570
2017-04-29 18:30:00	29.1742	50.0977	1.4616	0.0247	0.0007	1.0071	0.0570
2017-04-29 18:45:00	29.1239	38.3047	1.1156	0.0247	0.0007	1.0071	0.0569
2017-04-29 19:00:00	29.4217	202.3320	5.9530	0.0247	0.0007	1.0071	0.0575
2017-04-29 19:15:00	29.5851	270.3270	7.9977	0.0668	0.0020	1.0071	0.0578
2017-04-29 19:30:00	29.6191	249.7767	7.3982	0.0595	0.0018	1.0071	0.0579
2017-04-29 19:45:00	29.4736	228.4444	6.7331	0.0261	0.0008	1.0071	0.0576
2017-04-29 20:00:00	29.4840	204.1980	6.0206	0.0261	0.0008	1.0071	0.0576
2017-04-29 20:15:00	29.5883	187.6291	5.5516	0.0261	0.0008	1.0071	0.0578
2017-04-29 20:30:00	29.6541	171.1336	5.0748	0.0261	0.0008	1.0071	0.0579
2017-04-29 20:45:00	29.6986	171.1336	5.0824	0.0261	0.0008	1.0071	0.0580
2017-04-29 21:00:00	30.0938	171.1336	5.1501	0.0261	0.0008	1.0071	0.0588
2017-04-29 21:15:00	30.2267	171.1336	5.1728	0.0261	0.0008	1.0071	0.0591
2017-04-29 21:30:00	30.3113	147.7680	4.4790	0.0261	0.0008	1.0071	0.0592
2017-04-29 21:45:00	30.1694	122.9697	3.7099	0.0289	0.0009	1.0071	0.0589
2017-04-29 22:00:00	30.1684	101.4778	3.0614	0.0872	0.0026	1.0071	0.0589
2017-04-29 22:15:00	30.2115	68.7999	2.0785	0.0872	0.0026	1.0071	0.0590
2017-04-29 22:30:00	30.2833	39.0762	1.1834	0.2562	0.0078	1.0071	0.0592
2017-04-29 22:45:00	30.3076	39.0762	1.1843	0.2073	0.0063	1.0071	0.0592
2017-04-29 23:00:00	30.1825	39.0762	1.1794	0.2543	0.0077	1.0071	0.0590
2017-04-29 23:15:00	16.5590	392.8013	6.5044	2.3545	0.0390	234.0756	7.5195
2017-04-29 23:30:00	0.0000	2842.4847	0.0000	3.6969	0.0000	43.8939	0.0000
2017-04-29 23:45:00	0.0000	0.0000	0.0000	1.1126	0.0000	96.7480	0.0000
2017-04-30 00:00:00	0.0000	0.0000	0.0000	0.9050	0.0000	213.7400	0.0000
2017-04-30 00:15:00	0.0000	0.0000	0.0000	0.8155	0.0000	286.0591	0.0000
2017-04-30 00:30:00	0.0000	0.0000	0.0000	0.8023	0.0000	328.8900	0.0000
	0.0000	0.0000	0.0000	0.8736	0.0000	353.5929	0.0000
2017-04-30 00:45:00			0.0000	0.9654	0.0000	357.1060	0.0000
2017-04-30 01:00:00	0.0000	0.0000					
2017-04-30 01:00:00 2017-04-30 01:15:00	0.0000	0.0000	0.0000	1.0224	0.0000	353.9058	0.0000
2017-04-30 01:00:00 2017-04-30 01:15:00 2017-04-30 01:30:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	1.0224 1.0224	0.0000 0.0000	353.9058 361.1593	0.0000 0.0000
2017-04-30 01:00:00 2017-04-30 01:15:00	0.0000	0.0000	0.0000	1.0224	0.0000	353.9058	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-30 02:15:00	0.0000	0.0000	0.0000	0.8030	0.0000	261.4003	0.0000
2017-04-30 02:30:00	1.0881	1375.8088	1.4970	0.2251	0.0002	169.6411	0.3581
2017-04-30 02:45:00	19.1207	223.9543	4.2822	0.0388	0.0007	12.6190	0.4681
2017-04-30 03:00:00	26.7399	424.2681	11.3449	0.0230	0.0006	1.4648	0.0760
2017-04-30 03:15:00	29.7928	297.2227	8.8551	0.0164	0.0005	1.4648	0.0847
2017-04-30 03:30:00	29.7710	254.6130	7.5801	0.0096	0.0003	1.4648	0.0846
2017-04-30 03:45:00	29.6685	222.8344	6.6112	0.0096	0.0003	1.4648	0.0843
2017-04-30 04:00:00	29.6806	222.8344	6.6139	0.0096	0.0003	1.4648	0.0843
2017-04-30 04:15:00	29.7507	203.3631	6.0502	0.0096	0.0003	1.4648	0.0845
2017-04-30 04:30:00	29.7221	189.7699	5.6404	0.0096	0.0003	1.4648	0.0845
2017-04-30 04:45:00	29.7574	189.7699	5.6471	0.0096	0.0003	1.4648	0.0846
2017-04-30 05:00:00	25.3909	96.8043	2.4579	0.1426	0.0036	1.4648	0.0722
2017-04-30 05:15:00	0.0000	65.0602	0.0000	0.2217	0.0000	1.4648	0.0000
2017-04-30 05:30:00	0.0000	86.3684	0.0000	0.1287	0.0000	1.4648	0.0000
2017-04-30 05:45:00	0.0000	56.9777	0.0000	0.2185	0.0000	1.4648	0.0000
2017-04-30 06:00:00	0.0000	53.3039	0.0000	0.2307	0.0000	1.4648	0.0000
2017-04-30 06:15:00	0.0000	69.7994	0.0000	0.2804	0.0000	1.4648	0.0000
2017-04-30 06:30:00	0.0000	86.3684	0.0000	0.2877	0.0000	1.4648	0.0000
2017-04-30 06:45:00	0.0000	159.4648	0.0000	0.3145	0.0000	1.4648	0.0000
2017-04-30 07:00:00 2017-04-30 07:15:00	0.0000 0.0000	211.2295 354.6315	0.0000 0.0000	0.6411 0.6316	0.0000 0.0000	1.4648 2.4575	0.0000 0.0000
2017-04-30 07:13:00		467.1313	0.0000	0.6316			0.0000
2017-04-30 07:30:00	0.0000 0.0000	201.0720	0.0000	0.4752	0.0000 0.0000	3.0212 3.0212	0.0000
2017-04-30 07:45:00	0.0000	101.4520	0.0000	0.4093	0.0000	3.0212	0.0000
2017-04-30 08:00:00	0.0000	72.1406	0.0000	0.2628	0.0000	3.0212	0.0000
2017-04-30 08:30:00	0.0000	72.1406	0.0000	0.2691	0.0000	3.0212	0.0000
2017-04-30 08:45:00	0.0000	72.1406	0.0000	0.2290	0.0000	3.0212	0.0000
2017-04-30 09:00:00	0.0000	72.1406	0.0000	0.2113	0.0000	3.0212	0.0000
2017-04-30 09:15:00	0.0000	72.1406	0.0000	0.2457	0.0000	2.6339	0.0000
2017-04-30 09:30:00	0.0000	72.1406	0.0000	0.3132	0.0000	1.4648	0.0000
2017-04-30 09:45:00	0.0000	72.1406	0.0000	0.3434	0.0000	1.4648	0.0000
2017-04-30 10:00:00	0.0000	72.1406	0.0000	0.2430	0.0000	1.4648	0.0000
2017-04-30 10:15:00	0.0000	72.1406	0.0000	0.2011	0.0000	1.4648	0.0000
2017-04-30 10:30:00	0.0000	72.1406	0.0000	0.2263	0.0000	1.4648	0.0000
2017-04-30 10:45:00	0.0000	72.1406	0.0000	0.2243	0.0000	1.4648	0.0000
2017-04-30 11:00:00	0.0000	72.1406	0.0000	0.3330	0.0000	1.4648	0.0000
2017-04-30 11:15:00	0.0000	72.1406	0.0000	0.3814	0.0000	1.4648	0.0000
2017-04-30 11:30:00	0.0000	72.1406	0.0000	0.3493	0.0000	1.4648	0.0000
2017-04-30 11:45:00	0.0000	72.1406	0.0000	0.3042	0.0000	1.4648	0.0000
2017-04-30 12:00:00	0.0000	72.1406	0.0000	0.2735	0.0000	1.4648	0.0000
2017-04-30 12:15:00	0.0000	72.1406	0.0000	0.3058	0.0000	1.4648	0.0000
2017-04-30 12:30:00	0.0000	72.1406	0.0000	0.3092	0.0000	1.4648	0.0000
2017-04-30 12:45:00	0.0000	72.1406	0.0000	0.3315	0.0000	1.4648	0.0000
2017-04-30 13:00:00	0.0000	72.1406	0.0000	0.3559	0.0000	1.4648	0.0000
2017-04-30 13:15:00	0.0000	72.1406	0.0000	0.3261	0.0000	1.4648	0.0000
2017-04-30 13:30:00	0.0000	72.1406	0.0000	0.3037	0.0000	1.4648	0.0000
2017-04-30 13:45:00	0.0000	72.1406	0.0000	0.1486	0.0000	1.4648	0.0000
2017-04-30 14:00:00	0.0000	72.1406	0.0000	0.0669	0.0000	1.4648	0.0000
2017-04-30 14:15:00	0.0000	72.1406	0.0000	0.0641	0.0000	1.4648	0.0000
2017-04-30 14:30:00	0.0000	72.1406	0.0000	0.0291	0.0000	1.4648	0.0000
2017-04-30 14:45:00	0.0000	72.1406	0.0000	0.0206	0.0000	1.4648	0.0000
2017-04-30 15:00:00	0.0000	72.1406	0.0000	0.1316	0.0000	1.4648	0.0000
2017-04-30 15:15:00	0.0000	72.1406	0.0000	0.3644	0.0000	1.4648	0.0000
2017-04-30 15:30:00	0.0000	72.1406	0.0000	0.4319	0.0000	1.4648	0.0000
2017-04-30 15:45:00	0.0000	72.1406	0.0000	0.3262	0.0000	1.4648	0.0000
2017-04-30 16:00:00	0.0000	72.1406	0.0000	0.2501	0.0000	1.4648	0.0000
2017-04-30 16:15:00	0.0000	72.1406	0.0000	0.3389	0.0000	1.4648	0.0000
2017-04-30 16:30:00	0.0000	72.1406	0.0000	0.3369	0.0000	1.4648	0.0000
2017-04-30 16:45:00	0.0000	72.1406	0.0000	0.2882	0.0000	1.4648	0.0000
2017-04-30 17:00:00	0.0000	72.1406	0.0000	0.2442	0.0000	1.4648	0.0000
2017-04-30 17:15:00	0.0000	72.1406	0.0000	0.1411	0.0000	1.4648	0.0000
2017-04-30 17:30:00	0.0000	72.1406	0.0000	0.1325	0.0000	1.4648	0.0000
2017-04-30 17:45:00	0.0000	72.1406	0.0000	0.3199	0.0000	1.4648	0.0000
2017-04-30 18:00:00	0.0000	72.1406	0.0000	0.3370	0.0000	1.4648	0.0000
2017-04-30 18:15:00	0.0000	72.1406	0.0000	0.2954	0.0000	1.4648	0.0000
2017-04-30 18:30:00	0.0000	72.1406	0.0000	0.3214	0.0000	1.4648	0.0000
2017-04-30 18:45:00	0.0000	72.1406	0.0000	0.3115	0.0000	1.4648	0.0000
2017-04-30 19:00:00	0.0000	72.1406	0.0000	0.3049	0.0000	1.4648	0.0000
2017-04-30 19:15:00	0.0000	91.8506	0.0000	0.2368	0.0000	1.4648	0.0000
2017-04-30 19:30:00	0.0000	197.8851	0.0000	0.1783	0.0000	1.4648	0.0000
2017-04-30 19:45:00	0.0000	196.1256	0.0000	0.1546	0.0000	1.4648	0.0000
2017-04-30 20:00:00	0.0000	146.9068	0.0000	0.0935	0.0000	1.4648	0.0000
2017-04-30 20:15:00	0.0000	116.0529	0.0000	0.1709	0.0000	1.4648	0.0000
2017-04-30 20:30:00	0.0000	112.8199	0.0000	0.1868	0.0000	1.4648	0.0000
2017-04-30 20:45:00	0.0000	112.8199	0.0000	0.1334	0.0000	1.4648	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N2	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-04-30 21:00:00	0.0000	112.8199	0.0000	0.0886	0.0000	1.4648	0.0000
2017-04-30 21:15:00	0.0000	112.8199	0.0000	0.0172	0.0000	1.4648	0.0000
2017-04-30 21:30:00	0.0259	536.6572	0.0139	0.0451	0.0000	1.4648	0.0001
2017-04-30 21:45:00	0.0000	237.0251	0.0000	0.0330	0.0000	1.4648	0.0000
2017-04-30 22:00:00	5.2565	114.3997	0.6013	0.0330	0.0002	1.4648	0.0149
2017-04-30 22:15:00	17.6590	80.0494	1.4136	0.0330	0.0006	1.4648	0.0502
2017-04-30 22:30:00	23.2748	88.6633	2.0636	0.0330	0.0008	1.4648	0.0661
2017-04-30 22:45:00	25.9177	746.9449	19.3591	0.0330	0.0009	1.4648	0.0737
2017-04-30 23:00:00	27.2266	690.5038	18.8000	0.0330	0.0009	1.4648	0.0774
2017-04-30 23:15:00	29.0639	118.3690	3.4403	0.0330	0.0010	1.4648	0.0826
2017-04-30 23:30:00	30.0687	65.5277	1.9703	0.0330	0.0010	1.4648	0.0854
2017-04-30 23:45:00	30.1251	58.2903	1.7560	0.0669	0.0020	1.4648	0.0856
2017-05-01 00:00:00	30.2680	32.4633	0.9826	0.1292	0.0039	1.4648	0.0860
2017-05-01 00:15:00	30.3407	32.4633	0.9850	0.1090	0.0033	1.4648	0.0862
2017-05-01 00:30:00	30.4635	32.4633	0.9889	0.1921	0.0059	1.4648	0.0866
2017-05-01 00:45:00	30.3033	32.4633	0.9837	0.1360	0.0041	1.4648	0.0861
2017-05-01 01:00:00	30.5505	32.4633	0.9918	0.0464	0.0014	1.4648	0.0868
2017-05-01 01:15:00	30.6638	32.4633	0.9954	0.0476	0.0015	1.4648	0.0871
2017-05-01 01:30:00	33.1455	234.7227	7.7800	0.0600	0.0020	227.0284	14.5984
2017-05-01 01:45:00 2017-05-01 02:00:00	30.4368 30.8154	646.6572 43.3111	19.6822 1.3346	0.0199 0.2229	0.0006 0.0069	42.3781 28.4198	2.5023 1.6990
2017-05-01 02:00:00	30.9984	43.3111 29.0566	0.9007	0.2229		26.8420	
2017-05-01 02:15:00	30.8923	29.0566	0.9007	0.3947	0.0122 0.0126	26.8420	1.6142 1.5692
2017-05-01 02:45:00	30.8708	51.1243	1.5782	0.2285	0.0071	25.7790	1.5439
2017-05-01 02:45:00	30.6218	183.0746	5.6061	0.2283	0.0071	23.7790	1.3633
2017-05-01 03:15:00	30.6643	118.7715	3.6420	0.0146	0.0004	23.2724	1.3844
2017-05-01 03:30:00	30.5401	92.6050	2.8282	0.0253	0.0008	23.3468	1.3832
2017-05-01 03:45:00	30.5320	157.3169	4.8032	0.0288	0.0009	21.5112	1.2742
2017-05-01 04:00:00	30.5338	49.4731	1.5106	0.0288	0.0009	21.4205	1.2689
2017-05-01 04:15:00	30.8453	32.4633	1.0013	0.1201	0.0037	22.7051	1.3587
2017-05-01 04:30:00	30.8101	38.0108	1.1711	0.0103	0.0003	22.7051	1.3571
2017-05-01 04:45:00	30.9516	98.0779	3.0357	0.0167	0.0005	22.7051	1.3634
2017-05-01 05:00:00	30.9609	98.5922	3.0525	0.0143	0.0004	22.7051	1.3638
2017-05-01 05:15:00	30.7015	93.9632	2.8848	0.0026	0.0001	22.7051	1.3523
2017-05-01 05:30:00	30.6755	65.5277	2.0101	0.0144	0.0004	22.7051	1.3512
2017-05-01 05:45:00	30.7010	65.5277	2.0118	0.0418	0.0013	22.7051	1.3523
2017-05-01 06:00:00	30.6650	72.7284	2.2302	0.0502	0.0015	22.7051	1.3507
2017-05-01 06:15:00	30.6639	98.5922	3.0232	0.0541	0.0017	22.7051	1.3507
2017-05-01 06:30:00	30.5914	66.4095	2.0316	0.0389	0.0012	22.7051	1.3475
2017-05-01 06:45:00	30.0721	65.5277	1.9706	0.0572	0.0017	22.7051	1.3246
2017-05-01 07:00:00	30.1739	94.5877	2.8541	0.0243	0.0007	22.7051	1.3291
2017-05-01 07:15:00	30.1490	92.5304	2.7897	0.0223	0.0007	22.7051	1.3280
2017-05-01 07:30:00	30.2098	65.5277	1.9796	0.0192	0.0006	22.7051	1.3307
2017-05-01 07:45:00	30.2526	65.5277	1.9824	0.0192	0.0006	21.3735	1.2544
2017-05-01 08:00:00	30.1682	33.0144	0.9960	0.0192	0.0006	21.1487	1.2378
2017-05-01 08:15:00	30.2382	32.4633	0.9816	0.0192	0.0006	21.1487	1.2406
2017-05-01 08:30:00	30.1943	32.4633	0.9802	0.0192	0.0006	21.1487	1.2388
2017-05-01 08:45:00	30.2508	32.4633	0.9820	0.0189	0.0006	21.1487	1.2411
2017-05-01 09:00:00	30.3431	32.4633	0.9850	0.0226	0.0007	21.1487	1.2449
2017-05-01 09:15:00	30.3850	32.4633	0.9864	0.1651	0.0050	20.6991	1.2201
2017-05-01 09:30:00	30.3575	32.4633	0.9855	0.0926	0.0028	19.5923	1.1539
2017-05-01 09:45:00	30.4906	32.4633	0.9898	0.0795	0.0024	19.5923	1.1589
2017-05-01 10:00:00	30.2484	32.4633	0.9820	0.1569	0.0047	19.5923	1.1497
2017-05-01 10:15:00	29.9954	32.4633	0.9737	0.0398	0.0012	19.5923	1.1401
2017-05-01 10:30:00	29.7353	32.4633	0.9653	0.0398	0.0012	19.5923	1.1302
2017-05-01 10:45:00	29.8842	32.4633	0.9701	0.0272	0.0008	19.5923	1.1359
2017-05-01 11:00:00	29.6851	32.4633	0.9637	0.0220	0.0007	19.5923	1.1283
2017-05-01 11:15:00	29.6271	32.4633	0.9618	0.0220	0.0007	18.7709	1.0789
2017-05-01 11:30:00	29.6681	32.4633	0.9631	0.0220	0.0007	18.0359	1.0381
2017-05-01 11:45:00	29.6531	32.4633	0.9626	0.0220	0.0007	18.0359	1.0376
2017-05-01 12:00:00	29.6839	32.4633	0.9636	0.0220	0.0007	18.0359	1.0386
2017-05-01 12:15:00	29.6601	32.4633	0.9629	0.0220	0.0007	18.0359	1.0378
2017-05-01 12:30:00	29.7007	32.4633	0.9642	0.0220	0.0007	18.0359	1.0392
2017-05-01 12:45:00	29.7621	32.4633	0.9662	0.0220	0.0007	18.0359	1.0414
2017-05-01 13:00:00	29.7501	32.4633	0.9658	0.0220	0.0007	18.0359	1.0409
2017-05-01 13:15:00	29.6476	32.4633	0.9625	0.0220	0.0007	18.0359	1.0374
2017-05-01 13:30:00	29.4608	32.4633	0.9564	0.3228	0.0095	18.0359	1.0308
2017-05-01 13:45:00	29.3836	269.3653	7.9149	3.9083	0.1148	18.0359	1.0281
2017-05-01 14:00:00	29.5670	394.0659	11.6513	4.2715	0.1263	18.0359	1.0345
2017-05-01 14:15:00	29.4390	31.2609	0.9203	1.3941	0.0410	18.0359	1.0301
2017-05-01 14:30:00	29.5028	31.2609	0.9223	0.0835	0.0025	18.0359	1.0323
2017-05-01 14:45:00	29.6039	43.7152	1.2941	0.0590	0.0017	18.0359	1.0358
2017-05-01 15:00:00	29.6035	64.3254	1.9043	0.0257	0.0008	18.0359	1.0358
2017-05-01 15:15:00	29.6986	31.8488	0.9459	0.0146	0.0004	18.0359	1.0391
2017-05-01 15:30:00	29.5146	31.2609	0.9227	0.0007	0.0000	18.0359	1.0327

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-01 15:45:00	29.5815	31.2609	0.9247	0.0064	0.0002	18.0359	1.0350
2017-05-01 16:00:00	29.5682	31.2609	0.9243	0.0111	0.0003	18.0359	1.0346
2017-05-01 16:15:00	29.5987	31.2609	0.9253	0.0000	0.0000	18.0359	1.0356
2017-05-01 16:30:00	29.8226	31.2609	0.9323	0.0366	0.0011	18.0359	1.0435
2017-05-01 16:45:00	29.6221	31.2609	0.9260	0.0439	0.0013	18.0359	1.0365
2017-05-01 17:00:00	29.6165	31.2609	0.9258	0.0439	0.0013	18.0359	1.0363
2017-05-01 17:15:00	29.5445	31.2609	0.9236	0.0439	0.0013	18.0359	1.0338
2017-05-01 17:30:00	29.5511	31.2609	0.9238	0.0439	0.0013	18.0359	1.0340
2017-05-01 17:45:00	29.7837	31.2609	0.9311	0.0439	0.0013	18.0359	1.0421
2017-05-01 18:00:00	29.6965	31.2609	0.9283	0.0448	0.0013	18.0359	1.0391
2017-05-01 18:15:00	29.8404	31.2609	0.9328	0.0539	0.0016	18.0359	1.0441
2017-05-01 18:30:00	30.1385	31.2609	0.9422	0.0574	0.0017	18.0515	1.0554
2017-05-01 18:45:00	30.2378	31.2609	0.9453	0.0453	0.0014	19.5923	1.1493
2017-05-01 19:00:00	30.2658	31.2609	0.9461	0.0378	0.0011	19.5923	1.1504
2017-05-01 19:15:00	30.3376	31.2609	0.9484	0.0161	0.0005	19.5923	1.1531
2017-05-01 19:30:00	30.5137	31.2609	0.9539	0.0291	0.0009	19.5923	1.1598
2017-05-01 19:45:00	30.5930	31.2609	0.9564	0.0286	0.0009	19.5923	1.1628
2017-05-01 20:00:00	30.5685	31.2609	0.9556	0.0146	0.0004	19.5923	1.1619
2017-05-01 20:15:00	30.6025	31.2609	0.9567	0.0327	0.0010	19.5923	1.1632
2017-05-01 20:30:00	30.5846	31.2609	0.9561	0.0440	0.0013	19.5923	1.1625
2017-05-01 20:45:00	30.4753	31.2609	0.9527	0.0335	0.0010	19.5923	1.1583
2017-05-01 21:00:00 2017-05-01 21:15:00	30.6082	31.2609	0.9568	0.0258	0.0008	19.5923	1.1634
2017-05-01 21:15:00 2017-05-01 21:30:00	30.4782 30.5369	31.2609 31.2609	0.9528 0.9546	0.0216 0.0399	0.0007 0.0012	19.5923 19.5923	1.1584 1.1607
2017-05-01 21:30:00	30.3782	31.2609	0.9546	0.0399	0.0012	19.5923	1.1507
2017-05-01 21:45:00	30.3519	31.2609	0.9497	0.0450	0.0016	19.5923	1.1546
2017-05-01 22:15:00	30.2179	31.2609	0.9488	0.0430	0.0014	19.5923	1.1486
2017-05-01 22:30:00	30.2631	31.2609	0.9461	0.0771	0.0013	19.5923	1.1503
2017-05-01 22:45:00	29.9711	31.2609	0.9369	0.0373	0.0023	19.5923	1.1303
2017-05-01 23:00:00	29.8555	31.2609	0.9333	0.0233	0.0007	19.5923	1.1348
2017-05-01 23:15:00	30.1674	31.2609	0.9431	0.0233	0.0007	19.5923	1.1466
2017-05-01 23:30:00	30.1201	31.2609	0.9416	0.0233	0.0007	19.5923	1.1448
2017-05-01 23:45:00	29.9670	31.2609	0.9368	0.0186	0.0006	19.5923	1.1390
2017-05-02 00:00:00	30.1487	33.6763	1.0153	0.0117	0.0004	19.5923	1.1459
2017-05-02 00:15:00	30.1129	29.9584	0.9021	0.0275	0.0008	19.5923	1.1446
2017-05-02 00:30:00	29.9616	21.2129	0.6356	0.0442	0.0013	19.5923	1.1388
2017-05-02 00:45:00	30.0004	42.2824	1.2685	0.0419	0.0013	19.5923	1.1403
2017-05-02 01:00:00	29.9609	42.2824	1.2668	0.0461	0.0014	19.5923	1.1388
2017-05-02 01:15:00	30.0363	42.2824	1.2700	0.0429	0.0013	19.5923	1.1417
2017-05-02 01:30:00	29.8484	42.2824	1.2621	0.0208	0.0006	19.5923	1.1345
2017-05-02 01:45:00	29.9307	42.2824	1.2655	0.0287	0.0009	19.5923	1.1376
2017-05-02 02:00:00	29.9390	42.2824	1.2659	0.0438	0.0013	19.5923	1.1380
2017-05-02 02:15:00	30.1024	42.2824	1.2728	0.0313	0.0009	19.5923	1.1442
2017-05-02 02:30:00	30.1396	42.2824	1.2744	0.0192	0.0006	19.5923	1.1456
2017-05-02 02:45:00	30.3304	42.2824	1.2824	0.0192	0.0006	19.5923	1.1528
2017-05-02 03:00:00	30.2251	42.2824	1.2780	0.0192	0.0006	19.5923	1.1488
2017-05-02 03:15:00	29.9336	42.2824	1.2657	0.0190	0.0006	19.5923	1.1377
2017-05-02 03:30:00	29.7734	42.2824	1.2589	0.0165	0.0005	19.5923	1.1317
2017-05-02 03:45:00	29.7407	42.2824	1.2575	0.0165	0.0005	19.5923	1.1304
2017-05-02 04:00:00	29.4513	42.2824	1.2453	0.0165	0.0005	19.5923	1.1194
2017-05-02 04:15:00	29.4854	42.2824	1.2467	0.0165	0.0005	19.5923	1.1207
2017-05-02 04:30:00	29.5236	42.2824	1.2483	0.0165	0.0005	19.5923	1.1222
2017-05-02 04:45:00	29.7133	42.2824	1.2563	0.0165	0.0005	19.5923	1.1294
2017-05-02 05:00:00	29.3644	42.2824	1.2416	0.0165	0.0005	19.5923	1.1161
2017-05-02 05:15:00	29.3955	42.2824	1.2429	0.0165	0.0005	19.5923	1.1173
2017-05-02 05:30:00	29.5014	42.2824	1.2474	0.0165	0.0005	19.5923	1.1213
2017-05-02 05:45:00	29.6105	42.2824	1.2520	0.0165	0.0005	19.5923	1.1255
2017-05-02 06:00:00	29.6294	42.2824	1.2528	0.0165	0.0005	19.5923	1.1262
2017-05-02 06:15:00	29.7550	42.2824	1.2581	0.0186	0.0006	19.5923	1.1310
2017-05-02 06:30:00	29.5724	42.2824	1.2504	0.0330	0.0010	19.5923	1.1240
2017-05-02 06:45:00	29.3481	42.2824	1.2409	0.0330	0.0010	19.5923	1.1155
2017-05-02 07:00:00	29.3433	42.2824	1.2407	0.0330	0.0010	19.5923	1.1153
2017-05-02 07:15:00	29.1481	42.2824	1.2325	0.0330	0.0010	19.5923	1.1079
2017-05-02 07:30:00	29.1614	42.2824	1.2330	0.0330	0.0010	19.5923	1.1084
2017-05-02 07:45:00	29.2627	42.2824	1.2373	0.0330	0.0010	19.5923	1.1122
2017-05-02 08:00:00	29.3391	33.4822	0.9823	0.0330	0.0010	20.3463	1.1581
2017-05-02 08:15:00	29.2495	22.6005	0.6611	0.0330	0.0010	20.0056	1.1352
2017-05-02 08:30:00	29.3995	42.2824	1.2431	0.0330	0.0010	19.5923	1.1174
2017-05-02 08:45:00	29.4536	42.2824	1.2454	0.0330	0.0010	19.5923	1.1195
2017-05-02 09:00:00	29.4610	42.2824	1.2457	0.0330	0.0010	19.5923	1.1198
2017-05-02 09:15:00	29.5624	21.7972	0.6444	0.0330	0.0010	19.5923	1.1236
2017-05-02 09:30:00	29.5775	22.7831	0.6739	0.0330	0.0010	19.5923	1.1242
2017-05-02 09:45:00	29.5819	42.2824	1.2508	0.0330	0.0010	19.5923	1.1244
2017-05-02 10:00:00	29.6688 29.6167	42.2824	1.2545	0.0330	0.0010	19.5923	1.1277
2017-05-02 10:15:00		42.2824	1.2523	0.0330	0.0010	19.5923	1.1257

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-02 10:30:00	29.4911	42.2824	1.2470	0.0330	0.0010	19.5923	1.1209
2017-05-02 10:45:00	29.6130	42.2824	1.2521	0.0330	0.0010	19.5923	1.1256
2017-05-02 11:00:00	29.7012	42.2824	1.2558	0.0384	0.0011	19.5923	1.1289
2017-05-02 11:15:00	29.7040	42.2824	1.2560	0.0350	0.0010	19.5923	1.1290
2017-05-02 11:30:00	29.7278	42.2824	1.2570	0.0350	0.0010	19.5923	1.1299
2017-05-02 11:45:00	29.6840	42.2824	1.2551	0.0350	0.0010	19.5923	1.1283
2017-05-02 12:00:00	29.7122	42.2824	1.2563	0.0350	0.0010	19.5923	1.1293
2017-05-02 12:15:00	29.7711	42.2824	1.2588	0.0350	0.0010	19.5923	1.1316
2017-05-02 12:30:00	29.7436	42.2824	1.2576	0.0350	0.0010	19.5923	1.1305
2017-05-02 12:45:00	29.6081	42.2824	1.2519	0.0350	0.0010	19.3551	1.1118
2017-05-02 13:00:00	29.7600	42.2824	1.2583	0.0350	0.0010	17.5781	1.0149
2017-05-02 13:15:00	29.6515	22.0396	0.6535	0.0350	0.0010	17.5781	1.0112
2017-05-02 13:30:00	29.6670	9.2180	0.2735	0.0350	0.0010	17.5781	1.0117
2017-05-02 13:45:00	29.5837	9.2180	0.2727	0.0350	0.0010	17.5781	1.0089
2017-05-02 14:00:00	29.8698	9.2180	0.2753	0.0350	0.0010	17.5781	1.0186
2017-05-02 14:15:00	29.8722	9.2180	0.2754	0.0350	0.0010	17.5781	1.0187
2017-05-02 14:30:00	29.5927	29.7914	0.8816	0.0350	0.0010	17.5781	1.0092
2017-05-02 14:45:00	29.4924	42.2824	1.2470	0.0350	0.0010	17.5781	1.0057
2017-05-02 15:00:00	29.4283	42.2824	1.2443	0.0350	0.0010	17.5781	1.0036
2017-05-02 15:15:00	29.2870	42.2824	1.2383	0.0350	0.0010	17.5781	0.9987
2017-05-02 15:30:00	29.2945	42.2824	1.2386	0.0350	0.0010	17.5781	0.9990
2017-05-02 15:45:00	29.4408	42.2824	1.2448	0.0350	0.0010	17.5781	1.0040
2017-05-02 16:00:00	29.4831	42.2824	1.2466	0.0350	0.0010	17.5781	1.0054
2017-05-02 16:15:00	29.4074	42.2824	1.2434	0.0350	0.0010	17.5781	1.0028
2017-05-02 16:30:00	29.3837	42.2824	1.2424	0.0350	0.0010	17.5781	1.0020
2017-05-02 16:45:00	29.4754	42.2824	1.2463	0.0137	0.0004	17.5781	1.0052
2017-05-02 17:00:00	29.5697	42.2824	1.2503	0.0040	0.0001	17.5781	1.0084
2017-05-02 17:15:00	29.6092	42.2824	1.2519	0.0081	0.0002	17.5781	1.0097
2017-05-02 17:30:00	29.8511	42.2824	1.2622	0.0194	0.0006	17.5781	1.0180
2017-05-02 17:45:00	29.7307	42.2824	1.2571	0.0000	0.0000	18.6676	1.0767
2017-05-02 18:00:00	30.1105	42.2824	1.2731	0.0000	0.0000	19.1345	1.1177
2017-05-02 18:15:00	30.3333	42.2824	1.2826	0.0000	0.0000	19.1345	1.1260
2017-05-02 18:30:00	30.2134	42.2824	1.2775	0.0000	0.0000	20.7906	1.2186
2017-05-02 18:45:00	30.3040	42.2824	1.2813	0.0000	0.0000	21.1487	1.2433
2017-05-02 19:00:00	30.1013	42.2824	1.2728	0.0000	0.0000	21.1487	1.2350
2017-05-02 19:15:00	30.1481	42.2824	1.2747	0.0000	0.0000	21.1487	1.2369
2017-05-02 19:30:00	29.9087	42.2824	1.2646	0.0000	0.0000	21.1487	1.2271
2017-05-02 19:45:00	30.2538	42.2824	1.2792	0.0000	0.0000	21.1487	1.2413
2017-05-02 20:00:00	30.3606	42.2824	1.2837	0.0000	0.0000	21.1487	1.2456
2017-05-02 20:15:00	30.4316	42.2824	1.2867	0.0000	0.0000	21.1487	1.2486
2017-05-02 20:30:00	30.3435	42.9804	1.3042	0.0137	0.0004	21.1331	1.2440
2017-05-02 20:45:00	30.2141	75.3469	2.2765	0.3874	0.0117	19.5923	1.1484
2017-05-02 21:00:00	30.1986	35.6203	1.0757	0.5577	0.0168	19.5923	1.1478
2017-05-02 21:15:00	30.1275	9.4184	0.2838	0.3836	0.0116	20.7233	1.2112
2017-05-02 21:30:00	30.3791	9.4184	0.2861	0.3016	0.0092	21.1487	1.2464
2017-05-02 21:45:00	30.2417	21.0668	0.6371	4.1980	0.1270	21.1487	1.2408
2017-05-02 22:00:00	30.2436	42.2824	1.2788	3.3126	0.1002	21.1487	1.2408
2017-05-02 22:15:00	30.2049	42.2824	1.2771	1.7168	0.0519	21.1487	1.2393
2017-05-02 22:30:00	30.3068	42.2824	1.2814	1.1398	0.0345	21.1487	1.2434
2017-05-02 22:45:00	30.2922	42.2824	1.2808	1.0877	0.0329	21.1487	1.2428
2017-05-02 23:00:00	30.3298	42.2824	1.2824	0.7339	0.0223	21.1487	1.2444
2017-05-02 23:15:00	30.1017	42.2824	1.2728	1.0247	0.0308	21.1487	1.2350
2017-05-02 23:30:00	30.3814	42.2824	1.2846	0.4205	0.0128	21.1487	1.2465
2017-05-02 23:45:00	30.1395	42.2824	1.2744	0.2204	0.0066	21.1487	1.2366
2017-05-03 00:00:00	29.9383	42.2824	1.2659	0.2353	0.0070	21.1487	1.2283
2017-05-03 00:15:00	29.9096	42.2824	1.2647	0.2177	0.0065	21.1487	1.2271
2017-05-03 00:30:00	29.8470	42.2824	1.2620	0.1619	0.0048	21.1487	1.2246
2017-05-03 00:45:00	29.9636	42.2824	1.2669	3.5864	0.1075	21.1487	1.2294
2017-05-03 01:00:00	30.1412	42.2824	1.2744	2.0134	0.0607	21.1487	1.2366
2017-05-03 01:15:00	30.0648	42.2824	1.2712	0.5588	0.0168	21.1487	1.2335
2017-05-03 01:30:00	30.0495	42.2824	1.2706	0.5692	0.0171	21.1487	1.2329
2017-05-03 01:45:00	29.9561	42.2824	1.2666	0.3971	0.0119	21.1487	1.2291
2017-05-03 02:00:00	29.6771	42.2824	1.2548	0.2819	0.0084	21.1487	1.2176
2017-05-03 02:15:00	29.6297	42.2824	1.2528	0.1120	0.0033	21.1487	1.2157
2017-05-03 02:30:00	29.4981	42.2824	1.2473	0.1290	0.0038	21.1487	1.2103
2017-05-03 02:45:00	29.5836	42.2824	1.2509	0.0080	0.0002	21.1487	1.2138
2017-05-03 03:00:00	29.5830	42.2824	1.2508	0.0329	0.0010	21.1487	1.2137
2017-05-03 03:15:00	29.5250	42.2824	1.2484	0.0602	0.0018	21.1487	1.2114
2017-05-03 03:30:00	29.5207	42.2824	1.2482	0.0244	0.0007	21.1487	1.2112
2017-05-03 03:45:00	29.5762	42.2824	1.2506	0.0000	0.0000	21.1487	1.2135
2017-05-03 04:00:00	29.4808	42.2824	1.2465	0.0331	0.0010	19.6303	1.1227
	29.4962	42.2824	1.2472	0.0343	0.0010	19.5923	1.1211
2017-05-03 04:15:00							
2017-05-03 04:30:00	29.4868	42.2824	1.2468	0.0343	0.0010	19.5923	1.1208
				0.0343 0.0319 0.0297	0.0010 0.0009 0.0009	19.5923 19.5923 19.7704	1.1208 1.1225 1.1312

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-03 05:15:00	29.4933	42.2824	1.2470	0.0160	0.0005	21.1487	1.2101
2017-05-03 05:30:00	29.4726	42.2824	1.2462	0.0020	0.0001	21.1487	1.2092
2017-05-03 05:45:00	29.5183	42.2824	1.2481	0.0039	0.0001	21.1487	1.2111
2017-05-03 06:00:00	29.4972	42.2824	1.2472	0.0040	0.0001	21.1487	1.2102
2017-05-03 06:15:00 2017-05-03 06:30:00	29.4978 29.5416	42.2824 42.2824	1.2472 1.2491	0.9340 1.9625	0.0275 0.0580	21.1487 21.1487	1.2102 1.2120
2017-05-03 06:45:00	29.4411	42.2824	1.2448	0.6565	0.0193	21.1487	1.2079
2017-05-03 07:00:00	29.3989	42.2824	1.2431	0.0453	0.0013	21.1487	1.2062
2017-05-03 07:15:00	29.4309	42.2824	1.2444	0.0593	0.0017	21.1487	1.2075
2017-05-03 07:30:00	29.5856	42.2824	1.2510	0.1617	0.0048	19.9762	1.1466
2017-05-03 07:45:00	29.5072	42.2824	1.2476	0.6239	0.0184	19.5923	1.1215
2017-05-03 08:00:00	29.4359	42.2824	1.2446	0.8139	0.0240	19.5923	1.1188
2017-05-03 08:15:00	29.4773	42.2824	1.2464	0.1174	0.0035	19.5923	1.1204
2017-05-03 08:30:00	29.5132	42.2824	1.2479	0.0261	0.0008	19.5923	1.1218
2017-05-03 08:45:00	29.6575	42.2824	1.2540	0.0268	0.0008	19.5923	1.1273
2017-05-03 09:00:00	29.7461	42.2824	1.2577	0.0247	0.0007	19.5923	1.1306
2017-05-03 09:15:00 2017-05-03 09:30:00	30.0431	42.2824	1.2703	0.0337	0.0010	19.5923	1.1419
2017-05-03 09:45:00	30.0644 29.9951	42.2824 42.2824	1.2712 1.2683	0.0281 0.0144	0.0008 0.0004	19.5923 19.5923	1.1427 1.1401
2017-05-03 09:45:00	29.8341	42.2824	1.2615	0.0053	0.0004	19.5923	1.1340
2017-05-03 10:00:00	29.7617	42.2824	1.2584	0.0033	0.0002	19.5923	1.1312
2017-05-03 10:30:00	29.8550	42.2824	1.2623	0.0060	0.0002	19.5923	1.1348
2017-05-03 10:45:00	29.9030	42.2824	1.2644	0.0009	0.0000	19.5923	1.1366
2017-05-03 11:00:00	29.8564	42.2824	1.2624	0.0000	0.0000	19.5923	1.1348
2017-05-03 11:15:00	29.7855	42.2824	1.2594	0.0000	0.0000	19.5923	1.1321
2017-05-03 11:30:00	29.7969	42.2824	1.2599	0.0016	0.0000	19.5923	1.1326
2017-05-03 11:45:00	29.6627	42.2824	1.2542	0.0118	0.0004	19.5923	1.1274
2017-05-03 12:00:00	29.7335	42.2824	1.2572	0.0089	0.0003	19.5923	1.1301
2017-05-03 12:15:00	29.6508	42.2824	1.2537	0.0089	0.0003	19.5923	1.1270
2017-05-03 12:30:00	29.7200	42.2824	1.2566	0.0089	0.0003	19.5923	1.1296
2017-05-03 12:45:00	29.8022	42.2824	1.2601	0.0089	0.0003	19.5923	1.1328
2017-05-03 13:00:00	29.8133	42.2824	1.2606	0.0089	0.0003	19.5923	1.1332
2017-05-03 13:15:00	29.6683	24.9420	0.7400	0.0089	0.0003	19.5923	1.1277
2017-05-03 13:30:00	29.6346	16.4554	0.4877	0.0089	0.0003	19.5923	1.1264
2017-05-03 13:45:00	29.5783	42.2824	1.2506	0.0089	0.0003	19.5923	1.1242
2017-05-03 14:00:00 2017-05-03 14:15:00	29.8466 29.7831	42.2824 42.2824	1.2620 1.2593	0.0089 0.0089	0.0003 0.0003	19.5923 19.5923	1.1344 1.1320
2017-05-03 14:15:00	29.7831	42.2824	1.2526	0.0089	0.0005	19.5923	1.1260
2017-05-03 14:45:00	29.5397	42.2824	1.2490	0.0173	0.0005	19.5923	1.1228
2017-05-03 15:00:00	29.4918	42.2824	1.2470	0.0172	0.0003	19.5923	1.1210
2017-05-03 15:15:00	29.5542	42.2824	1.2496	0.0422	0.0012	19.5923	1.1233
2017-05-03 15:30:00	29.5704	42.2824	1.2503	0.0316	0.0009	19.5923	1.1239
2017-05-03 15:45:00	29.5458	42.2824	1.2493	0.0461	0.0014	19.5923	1.1230
2017-05-03 16:00:00	29.4794	42.2824	1.2465	0.0603	0.0018	19.5923	1.1205
2017-05-03 16:15:00	29.4031	42.2824	1.2432	0.0549	0.0016	19.5923	1.1176
2017-05-03 16:30:00	29.4516	42.2824	1.2453	0.0549	0.0016	19.5923	1.1194
2017-05-03 16:45:00	29.2921	42.2824	1.2385	0.0549	0.0016	19.5923	1.1134
2017-05-03 17:00:00	29.4617	42.2824	1.2457	0.0549	0.0016	19.5923	1.1198
2017-05-03 17:15:00	29.4494	42.2824	1.2452	0.0549	0.0016	19.5923	1.1193
2017-05-03 17:30:00	29.3556	42.2824	1.2412	0.0547	0.0016	19.5923	1.1158
2017-05-03 17:45:00	29.5416	42.2824	1.2491	0.1520	0.0045	19.5923	1.1228
2017-05-03 18:00:00	29.7204	42.2824	1.2567	0.1893	0.0056	19.5923	1.1296
2017-05-03 18:15:00 2017-05-03 18:30:00	29.7694 30.1941	42.2824 42.2824	1.2587 1.2767	0.1449 0.1714	0.0043 0.0052	19.5923 20.0350	1.1315 1.1736
2017-05-03 18:45:00	30.1941	42.2824	1.2767	0.1714	0.0052	20.0350	1.1736
2017-05-03 18:45:00	30.4736	42.2824	1.2885	0.1762	0.0054	21.1487	1.2509
2017-05-03 19:15:00	30.4384	42.2824	1.2870	0.2571	0.0078	21.1487	1.2488
2017-05-03 19:30:00	30.4889	42.2824	1.2891	0.3107	0.0095	21.1487	1.2509
2017-05-03 19:45:00	30.4681	42.2824	1.2883	0.3406	0.0104	21.1487	1.2501
2017-05-03 20:00:00	30.4693	42.2824	1.2883	0.2259	0.0069	21.1487	1.2501
2017-05-03 20:15:00	30.2678	42.2824	1.2798	0.1968	0.0060	21.1487	1.2418
2017-05-03 20:30:00	30.3819	42.2824	1.2846	0.1303	0.0040	21.1487	1.2465
2017-05-03 20:45:00	30.2212	42.2824	1.2778	0.3023	0.0091	21.1487	1.2399
2017-05-03 21:00:00	30.3463	42.2824	1.2831	0.0926	0.0028	21.6951	1.2772
2017-05-03 21:15:00	30.2803	42.2824	1.2803	0.0532	0.0016	22.7051	1.3338
2017-05-03 21:30:00	30.2930	42.2824	1.2809	0.4138	0.0125	22.7051	1.3343
2017-05-03 21:45:00	30.2513	42.2824	1.2791	0.6870	0.0208	22.7051	1.3325
2017-05-03 22:00:00	30.2987	42.2824	1.2811	0.7699	0.0233	22.7051	1.3346
2017-05-03 22:15:00	29.9430	42.2824	1.2661	0.9084	0.0272	22.7051	1.3189
2017-05-03 22:30:00	29.6638	42.2824	1.2543	0.0978	0.0029	22.7051	1.3066
2017-05-03 22:45:00 2017-05-03 23:00:00	29.3522 29.3431	42.2824 42.2824	1.2411 1.2407	0.0350 0.0350	0.0010 0.0010	21.3821 20.7682	1.2176 1.1822
2017-05-03 23:00:00	29.3431 29.6057	42.2824	1.2407	0.0350	0.0010	19.5923	1.1822
2017-05-03 23:15:00	29.5410	42.2824	1.2518	0.0350	0.0010	19.5923	1.1233
2017-05-03 23:45:00	29.5451	42.2824	1.2492	0.0350	0.0010	19.5923	1.1230
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		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-04 00:00:00	29.5033	42.2824	1.2475	0.0350	0.0010	19.5923	1.1214
2017-05-04 00:15:00	29.4391	42.2824	1.2448	0.0350	0.0010	19.5923	1.1190
2017-05-04 00:30:00	29.6206	42.2824	1.2524	0.0350	0.0010	19.5923	1.1259
2017-05-04 00:45:00	29.3762	42.2824	1.2421	0.0350	0.0010	19.5923	1.1166
2017-05-04 01:00:00	29.5545	42.2824	1.2496	0.0350	0.0010	19.5923	1.1233
2017-05-04 01:15:00	29.6838	42.2824	1.2551	0.0480	0.0014	19.5923	1.1283
2017-05-04 01:30:00	29.6740	42.2824	1.2547	0.0306	0.0009	19.5923	1.1279
2017-05-04 01:45:00	29.9212	42.2824	1.2651	0.0297	0.0009	19.5923	1.1373
2017-05-04 02:00:00	29.5780	42.2824	1.2506	0.0812	0.0024	20.8028	1.1937
2017-05-04 02:15:00	29.6202	42.2824	1.2524	0.0445	0.0013	21.1487	1.2153
2017-05-04 02:30:00	29.6756	42.2824	1.2548	0.0303	0.0009	21.1487	1.2175
2017-05-04 02:45:00	29.7927	42.2824	1.2597	0.0273	0.0008	21.1487	1.2223
2017-05-04 03:00:00	29.7178	42.2824	1.2565	0.0268	0.0008	21.1487	1.2193
2017-05-04 03:15:00	29.6291 29.6802	42.2824 42.2824	1.2528 1.2549	0.0440 0.0255	0.0013 0.0008	21.1487 21.1487	1.2156 1.2177
2017-05-04 03:30:00 2017-05-04 03:45:00	29.6252	42.2824	1.2526	0.0255	0.0008	21.1487	1.2177
2017-05-04 03:45:00	29.8418	42.2824	1.2618	0.0479	0.0014	21.1487	1.2155
2017-05-04 04:00:00	29.8279	42.2824	1.2612	0.0108	0.0005	21.1487	1.2238
2017-05-04 04:13:00	29.6902	42.2824	1.2554	0.0454	0.0003	21.1487	1.2181
2017-05-04 04:45:00	29.6149	42.2824	1.2522	0.0104	0.0013	21.1487	1.2151
2017-05-04 04:45:00	29.6004	42.2824	1.2522	0.0104	0.0003	21.1487	1.2151
2017-05-04 05:00:00	29.6201	42.2824	1.2524	0.0244	0.0001	21.1487	1.2143
2017-05-04 05:30:00	29.4216	42.2824	1.2440	0.0244	0.0007	21.1487	1.2133
2017-05-04 05:45:00	29.4604	42.2824	1.2457	0.0275	0.0008	21.1487	1.2087
2017-05-04 06:00:00	29.5004	42.2824	1.2473	0.0275	0.0008	21.1487	1.2104
2017-05-04 06:15:00	29.6352	42.2824	1.2530	0.0275	0.0008	21.1487	1.2159
2017-05-04 06:30:00	29.6742	42.2824	1.2547	0.0275	0.0008	21.1487	1.2175
2017-05-04 06:45:00	29.7777	42.2824	1.2591	0.0275	0.0008	21.1487	1.2217
2017-05-04 07:00:00	29.9208	42.2824	1.2651	0.0752	0.0023	21.1487	1.2276
2017-05-04 07:15:00	29.6011	42.2824	1.2516	0.0121	0.0004	21.1487	1.2145
2017-05-04 07:30:00	29.5813	42.2824	1.2508	0.0058	0.0002	21.1487	1.2137
2017-05-04 07:45:00	29.8474	24.9740	0.7454	0.0255	0.0008	21.1487	1.2246
2017-05-04 08:00:00	30.1513	9.4184	0.2840	0.0259	0.0008	21.6571	1.2668
2017-05-04 08:15:00	30.2624	9.4184	0.2850	0.1461	0.0044	22.7051	1.3330
2017-05-04 08:30:00	30.1649	9.4184	0.2841	0.1094	0.0033	22.7051	1.3287
2017-05-04 08:45:00	30.3800	9.4184	0.2861	0.2282	0.0069	22.7051	1.3382
2017-05-04 09:00:00	30.4327	9.4184	0.2866	0.3524	0.0107	22.7051	1.3405
2017-05-04 09:15:00	30.6131	9.4184	0.2883	0.3661	0.0112	22.7051	1.3484
2017-05-04 09:30:00	30.3234	9.4184	0.2856	0.0192	0.0006	22.7051	1.3357
2017-05-04 09:45:00	29.7907	30.5244	0.9093	0.0527	0.0016	21.8612	1.2634
2017-05-04 10:00:00	29.6684	42.2824	1.2545	0.0390	0.0012	19.8378	1.1418
2017-05-04 10:15:00	29.6619	42.2824	1.2542	0.0213	0.0006	19.5923	1.1274
2017-05-04 10:30:00	29.5289	42.2824	1.2486	0.0209	0.0006	19.5923	1.1224
2017-05-04 10:45:00	29.6190	42.2824	1.2524	0.0487	0.0014	19.5923	1.1258
2017-05-04 11:00:00	29.7751	21.5988	0.6431	0.0066	0.0002	21.5136	1.2427
2017-05-04 11:15:00	29.8816	10.9814	0.3281	0.0421	0.0013	23.1628	1.3428
2017-05-04 11:30:00	29.9651	42.2824	1.2670	0.0000	0.0000	23.1628	1.3465
2017-05-04 11:45:00	30.2274	42.2824	1.2781	0.0012	0.0000	23.1628	1.3583
2017-05-04 12:00:00	30.1223	42.2824	1.2736	0.0234	0.0007	21.6964	1.2679
2017-05-04 12:15:00	29.9189	42.2824	1.2650	0.0451	0.0013	21.6064	1.2541
2017-05-04 12:30:00	29.8678	42.2824	1.2629	0.0389	0.0012	21.6064	1.2520
2017-05-04 12:45:00	29.9307	42.2824	1.2655	0.0596	0.0018	21.6064	1.2546
2017-05-04 13:00:00	29.9209	42.2824	1.2651	0.0340	0.0010	20.3912	1.1836
2017-05-04 13:15:00	29.6757	42.2824	1.2548	0.0092	0.0003	19.5923	1.1279
2017-05-04 13:30:00	29.7426	42.2824	1.2576	0.0193	0.0006	19.5923	1.1305
2017-05-04 13:45:00	29.5702	42.2824	1.2503	0.0464	0.0014	19.5923	1.1239
2017-05-04 14:00:00	29.9540	42.2824	1.2665	0.0481	0.0014	19.5923	1.1385
2017-05-04 14:15:00	29.8767	42.2824	1.2633	0.0438	0.0013	19.5923	1.1356
2017-05-04 14:30:00	29.7446	42.2824	1.2577	0.0542	0.0016	19.5923	1.1306
2017-05-04 14:45:00	29.6334	42.2824	1.2530	0.0396	0.0012	19.5923	1.1263
2017-05-04 15:00:00	29.5522	42.2824	1.2495	0.0290	0.0009	19.5923	1.1232
2017-05-04 15:15:00	29.5066	42.2824	1.2476	0.0352	0.0010	19.9260	1.1406
2017-05-04 15:30:00	29.5496	42.2824	1.2494	0.0401	0.0012	21.1487	1.2124
2017-05-04 15:45:00	29.5859	42.2824	1.2510	0.0446	0.0013	21.1487	1.2139
2017-05-04 16:00:00	29.5544	42.2824	1.2496	0.0446	0.0013	21.1487	1.2126
2017-05-04 16:15:00	29.5797	42.2824	1.2507	0.0446	0.0013	21.1487	1.2136
2017-05-04 16:30:00	29.5962	42.2824	1.2514	0.0446	0.0013	21.1487	1.2143
2017-05-04 16:45:00	29.5011	42.2824	1.2474	0.0446	0.0013	21.1487	1.2104
2017-05-04 17:00:00	29.4895	42.2824	1.2469	0.0506	0.0015	21.1487	1.2099
2017-05-04 17:15:00	29.5674	42.2824	1.2502	0.0281	0.0008	21.1487	1.2131
2017-05-04 17:30:00	29.5195	42.2824	1.2482	0.0346	0.0010	21.1487	1.2111
2017-05-04 17:45:00	29.4714	42.2824	1.2461	0.0567	0.0017	21.1487	1.2092
2047 05 04 40:00:00	29.3715	42.2824	1.2419	0.0450	0.0013	21.1487	1.2051
2017-05-04 18:00:00						_	
2017-05-04 18:00:00 2017-05-04 18:15:00 2017-05-04 18:30:00	29.4104 29.4434	42.2824 42.2824	1.2435 1.2449	0.0144 0.0541	0.0004 0.0016	21.1487 21.1487	1.2067 1.2080

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-04 18:45:00	29.3457	42.2824	1.2408	0.4415	0.0130	21.1487	1.2040
2017-05-04 19:00:00	29.2671	42.2824	1.2375	0.4904	0.0144	21.1487	1.2008
2017-05-04 19:15:00	29.2900	42.2824	1.2385	0.2217	0.0065	21.1487	1.2017
2017-05-04 19:30:00	29.3443	42.2824	1.2407	0.0281	0.0008	21.1487	1.2040
2017-05-04 19:45:00	29.4622	42.2824	1.2457	0.0172	0.0005	21.1487	1.2088
2017-05-04 20:00:00	29.5635	42.2824	1.2500	0.0172	0.0005	21.1487	1.2129
2017-05-04 20:15:00	29.7918	42.2824	1.2597	0.0172	0.0005	21.1487	1.2223
2017-05-04 20:30:00	29.8486	42.2824	1.2621	0.0386	0.0012	21.1487	1.2246
2017-05-04 20:45:00	29.8467	42.2824	1.2620	0.1657	0.0049	21.1487	1.2246
2017-05-04 21:00:00	30.0328	42.2824	1.2699	0.1266	0.0038	21.1487	1.2322
2017-05-04 21:15:00	30.0590	42.2824	1.2710	0.0527	0.0016	21.1487	1.2333
2017-05-04 21:30:00	25.5183	42.7687	1.0914	0.0544	0.0014	21.1487	1.0470
2017-05-04 21:45:00	0.0000	1602.1507	0.0000	0.7796	0.0000	23.1627	0.0000
2017-05-04 22:00:00	0.0000	0.0000	0.0000	0.0412	0.0000	39.4734	0.0000
2017-05-04 22:15:00	0.0000	0.0000	0.0000	0.0412	0.0000	125.4802	0.0000
2017-05-04 22:30:00	0.0000	2176.0283	0.0000	0.0672	0.0000	105.1579	0.0000
2017-05-04 22:45:00	0.0000	667.3504	0.0000	0.0076	0.0000	74.8606	0.0000
2017-05-04 23:00:00	0.0000	194.3531	0.0000	0.0076	0.0000	49.4700	0.0000
2017-05-04 23:15:00	0.0000	71.8714	0.0000	0.1185	0.0000	34.4421	0.0000
2017-05-04 23:30:00	0.0000	48.0403	0.0000	0.0803	0.0000	27.1778	0.0000
2017-05-04 23:45:00	0.0000	19.2375	0.0000	0.5015	0.0000	22.5110	0.0000
2017-05-05 00:00:00	0.0000	19.2375	0.0000	0.5321	0.0000	19.2409	0.0000
2017-05-05 00:15:00 2017-05-05 00:30:00	0.0000 0.0000	19.2375 19.2375	0.0000 0.0000	0.3100 0.1278	0.0000 0.0000	18.3359 24.9084	0.0000 0.0000
2017-05-05 00:30:00	0.0000	19.2375 19.2375	0.0000	0.1278	0.0000	24.9084 40.0269	0.0000
2017-05-05 00:45:00 2017-05-05 01:00:00	0.0000	19.2375 19.2375	0.0000	0.0220	0.0000	40.0269 62.7689	0.0000
2017-05-05 01:00:00	0.0000	19.2375	0.0000	0.0220	0.0000	80.0091	0.0000
2017-05-05 01:13:00	0.0000	19.2375	0.0000	0.0217	0.0000	84.5635	0.0000
2017-05-05 01:30:00	0.0000	19.2375	0.0000	0.0124	0.0000	80.0647	0.0000
2017-05-05 02:00:00	0.0000	19.2375	0.0000	0.0124	0.0000	71.5867	0.0000
2017-05-05 02:00:00	0.0000	19.2375	0.0000	0.0124	0.0000	62.5555	0.0000
2017-05-05 02:30:00	0.0000	19.2375	0.0000	0.0124	0.0000	54.3622	0.0000
2017-05-05 02:45:00	0.0000	19.2375	0.0000	0.5379	0.0000	48.3018	0.0000
2017-05-05 03:00:00	0.0000	19.2375	0.0000	0.5476	0.0000	45.0590	0.0000
2017-05-05 03:15:00	0.0000	19.2375	0.0000	0.5021	0.0000	44.3115	0.0000
2017-05-05 03:30:00	0.0000	19.2375	0.0000	0.1939	0.0000	44.3115	0.0000
2017-05-05 03:45:00	0.0000	19.2375	0.0000	0.1325	0.0000	44.3115	0.0000
2017-05-05 04:00:00	0.0000	19.2375	0.0000	0.2070	0.0000	44.3115	0.0000
2017-05-05 04:15:00	0.0000	19.2375	0.0000	0.2739	0.0000	43.5618	0.0000
2017-05-05 04:30:00	0.0000	19.2375	0.0000	0.2557	0.0000	41.8274	0.0000
2017-05-05 04:45:00	0.0000	19.2375	0.0000	0.2649	0.0000	39.5447	0.0000
2017-05-05 05:00:00	0.0000	19.2375	0.0000	0.3966	0.0000	37.2843	0.0000
2017-05-05 05:15:00	0.0000	19.2375	0.0000	0.3732	0.0000	34.4981	0.0000
2017-05-05 05:30:00	0.0000	19.2375	0.0000	0.2193	0.0000	31.6783	0.0000
2017-05-05 05:45:00	0.0000	19.2375	0.0000	0.1826	0.0000	29.3955	0.0000
2017-05-05 06:00:00	0.0000	19.2375	0.0000	0.2739	0.0000	27.1912	0.0000
2017-05-05 06:15:00	0.0000	19.2375	0.0000	0.2441	0.0000	25.2665	0.0000
2017-05-05 06:30:00	0.0000	19.2375	0.0000	0.3045	0.0000	23.4314	0.0000
2017-05-05 06:45:00	0.0000	19.2375	0.0000	0.4122	0.0000	21.4727	0.0000
2017-05-05 07:00:00	0.0000	19.2375	0.0000	0.3397	0.0000	20.1828	0.0000
2017-05-05 07:15:00	0.0000	19.2375	0.0000	0.1163	0.0000	18.2531	0.0000
2017-05-05 07:30:00	0.0000	19.2375	0.0000	0.0379	0.0000	16.9734	0.0000
2017-05-05 07:45:00	0.0000	19.2375	0.0000	0.0468	0.0000	15.5640	0.0000
2017-05-05 08:00:00	0.0000	19.2375	0.0000	0.0096	0.0000	14.7024	0.0000
2017-05-05 08:15:00	0.0000	19.2375	0.0000	0.0096	0.0000	13.5498	0.0000
2017-05-05 08:30:00	0.0000	19.2375	0.0000	0.0096	0.0000	12.5092	0.0000
2017-05-05 08:45:00	0.0000	19.2375	0.0000	0.0567	0.0000	11.5356	0.0000
2017-05-05 09:00:00	0.0000	19.2375	0.0000	0.0997	0.0000	9.7341	0.0000
2017-05-05 09:15:00	0.0000	19.2375	0.0000	0.1117	0.0000	9.5215	0.0000
2017-05-05 09:30:00	0.0000	19.2375	0.0000	0.1877	0.0000	8.9127	0.0000
2017-05-05 09:45:00	0.0000	19.2375	0.0000	0.2558	0.0000	7.5989	0.0000
2017-05-05 10:00:00	0.0000	22.3413	0.0000	0.2196	0.0000	6.7083	0.0000
2017-05-05 10:15:00	0.0000	52.1016	0.0000	0.2547	0.0000	6.0425	0.0000
2017-05-05 10:30:00	0.0000	52.1016	0.0000	0.3165	0.0000	6.0269	0.0000
2017-05-05 10:45:00	0.0000	52.1016	0.0000	0.2930	0.0000	4.4861	0.0000
2017-05-05 11:00:00	0.0000	52.1016	0.0000	0.2323	0.0000	4.4861	0.0000
2017-05-05 11:15:00	0.0000	52.1016	0.0000	0.2304	0.0000	4.4861	0.0000
2017-05-05 11:30:00	0.0000	58.4940	0.0000	0.2642	0.0000	4.4861	0.0000
2017-05-05 11:45:00	0.0000	85.1660	0.0000	0.2257	0.0000	3.6379	0.0000
2017-05-05 12:00:00	0.0000	85.1660	0.0000	0.1621	0.0000	2.4719	0.0000
2017-05-05 12:15:00	0.0000	85.1660	0.0000	0.2164	0.0000	2.4719	0.0000
2017-05-05 12:30:00	0.0000	85.1660	0.0000	0.3204	0.0000	2.4719	0.0000
2017-05-05 12:45:00	0.0000	85.1660	0.0000	0.2531	0.0000	1.7916	0.0000
			0.0000	0.4504		I	
2017-05-05 13:00:00	0.0000	85.1660	0.0000	0.1501	0.0000	0.4578	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-05 13:30:00	0.0000	88.2520	0.0000	0.1830	0.0000	0.4578	0.0000
2017-05-05 13:45:00	0.0000	118.2305	0.0000	0.2098	0.0000	0.4578	0.0000
2017-05-05 14:00:00	0.0000	118.2305	0.0000	0.1842	0.0000	0.4578	0.0000
2017-05-05 14:15:00	0.0000	118.2305	0.0000	0.2175	0.0000	0.4578	0.0000
2017-05-05 14:30:00	0.0000	118.2305	0.0000	0.2157	0.0000	0.4578	0.0000
2017-05-05 14:45:00	0.0000	118.2305	0.0000	0.2470	0.0000	0.4578	0.0000
2017-05-05 15:00:00	0.0000	118.2305	0.0000	0.1997	0.0000	0.4578	0.0000
2017-05-05 15:15:00	0.0000	118.2305	0.0000	0.3676	0.0000	0.4578	0.0000
2017-05-05 15:30:00	0.0000	118.2305	0.0000	0.3232	0.0000	0.4578	0.0000
2017-05-05 15:45:00	0.0000	209.2049	0.0000	0.3234	0.0000	0.4578	0.0000
2017-05-05 16:00:00	0.0000	163.0343	0.0000	0.3554	0.0000	0.4578	0.0000
2017-05-05 16:15:00	0.0000	126.0457	0.0000	0.2719	0.0000	0.4578	0.0000
2017-05-05 16:30:00	0.0000	126.0457	0.0000	0.3466	0.0000	0.4578	0.0000
2017-05-05 16:45:00	0.0000	126.0457	0.0000	0.2669	0.0000	0.4578	0.0000
2017-05-05 17:00:00	0.0000	126.0457	0.0000	0.1702	0.0000	0.4578	0.0000
2017-05-05 17:15:00	0.0000	126.0457	0.0000	0.1219	0.0000	0.4578	0.0000
2017-05-05 17:30:00	0.0000	126.0457	0.0000	0.1589	0.0000	0.4578	0.0000
2017-05-05 17:45:00	0.0000	126.0457	0.0000	0.1191	0.0000	0.4578	0.0000
2017-05-05 18:00:00	0.0000	126.0457	0.0000	0.0939	0.0000	0.4578	0.0000
2017-05-05 18:15:00	0.0000	126.0457	0.0000	0.0571	0.0000	0.4578	0.0000
2017-05-05 18:30:00	0.0000	126.0457	0.0000	0.0796	0.0000	0.4578	0.0000
2017-05-05 18:45:00	0.0000	126.0457	0.0000	0.1107	0.0000	0.4578	0.0000
2017-05-05 19:00:00	0.0000	111.6076	0.0000	0.0372	0.0000	0.4578	0.0000
2017-05-05 19:15:00 2017-05-05 19:30:00	0.0000	92.9813 92.9813	0.0000 0.0000	0.0824	0.0000 0.0000	0.4578	0.0000 0.0000
	0.0000			0.0601		0.4578	
2017-05-05 19:45:00	0.0000	92.9813	0.0000	0.1270	0.0000	0.4578	0.0000
2017-05-05 20:00:00 2017-05-05 20:15:00	0.0000	92.9813 92.9813	0.0000	0.2487	0.0000 0.0000	0.4578	0.0000
2017-05-05 20:15:00	0.0000 0.0000	92.9813	0.0000 0.0000	0.3582 0.4065	0.0000	0.4578 0.4578	0.0000 0.0000
2017-05-05 20:30:00	0.0000	92.9813	0.0000	0.4065	0.0000	0.4578	0.0000
2017-05-05 20:45:00	0.0000	92.9813	0.0000	0.4063	0.0000	0.4578	0.0000
2017-03-03 21:00:00	0.0000	92.9813	0.0000	0.4767	0.0000	0.4578	0.0000
2017-03-03 21:13:00	0.0000	92.9813	0.0000	0.4707	0.0000	0.4578	0.0000
2017-05-05 21:45:00	0.0000	92.9813	0.0000	0.4724	0.0000	0.4578	0.0000
2017-05-05 22:00:00	0.0000	92.9813	0.0000	0.4724	0.0000	0.4578	0.0000
2017-05-05 22:15:00	0.0000	92.9813	0.0000	0.5283	0.0000	0.4578	0.0000
2017-05-05 22:30:00	0.0000	122.8495	0.0000	0.4980	0.0000	0.4578	0.0000
2017-05-05 22:45:00	0.0000	126.0457	0.0000	0.4057	0.0000	0.4578	0.0000
2017-05-05 23:00:00	0.0000	126.0457	0.0000	0.3809	0.0000	0.4578	0.0000
2017-05-05 23:15:00	0.0000	126.0457	0.0000	0.4628	0.0000	0.4578	0.0000
2017-05-05 23:30:00	0.0000	126.0457	0.0000	0.4439	0.0000	0.4578	0.0000
2017-05-05 23:45:00	0.0000	126.0457	0.0000	0.2147	0.0000	0.4578	0.0000
2017-05-06 00:00:00	0.0000	126.0457	0.0000	0.0556	0.0000	0.4578	0.0000
2017-05-06 00:15:00	0.0000	126.0457	0.0000	0.0556	0.0000	0.4578	0.0000
2017-05-06 00:30:00	0.0000	126.0457	0.0000	0.0556	0.0000	0.4578	0.0000
2017-05-06 00:45:00	0.0000	126.0457	0.0000	0.1019	0.0000	0.4578	0.0000
2017-05-06 01:00:00	0.0000	126.0457	0.0000	0.2366	0.0000	0.4578	0.0000
2017-05-06 01:15:00	0.0000	126.0457	0.0000	0.1325	0.0000	0.4578	0.0000
2017-05-06 01:30:00	0.0000	126.0457	0.0000	0.2180	0.0000	0.4578	0.0000
2017-05-06 01:45:00	0.0000	126.0457	0.0000	0.2927	0.0000	0.4578	0.0000
2017-05-06 02:00:00	0.0000	126.0457	0.0000	0.3442	0.0000	0.4578	0.0000
2017-05-06 02:15:00	0.0000	126.0457	0.0000	0.3972	0.0000	0.4578	0.0000
2017-05-06 02:30:00	0.0000	126.0457	0.0000	0.3722	0.0000	0.4578	0.0000
2017-05-06 02:45:00	0.0000	126.0457	0.0000	0.3722	0.0000	0.4578	0.0000
2017-05-06 03:00:00	0.0000	126.0457	0.0000	0.4039	0.0000	0.4578	0.0000
2017-05-06 03:15:00	0.0000	126.0457	0.0000	0.3780	0.0000	0.4578	0.0000
2017-05-06 03:30:00	0.0000	126.0457	0.0000	0.3237	0.0000	0.4578	0.0000
2017-05-06 03:45:00	0.0000	1043.5266	0.0000	0.1616	0.0000	0.4578	0.0000
2017-05-06 04:00:00	1.4027	294.7924	0.4135	0.0369	0.0001	0.4578	0.0012
2017-05-06 04:15:00	3.8237	89.2544	0.3413	0.3122	0.0012	0.4578	0.0034
2017-05-06 04:30:00	0.0000	71.5161	0.0000	0.5722	0.0000	0.4578	0.0000
2017-05-06 04:45:00	0.0000	45.6891	0.0000	0.6173	0.0000	0.4578	0.0000
2017-05-06 05:00:00	0.0000	45.6891	0.0000	0.6173	0.0000	0.4578	0.0000
2017-05-06 05:15:00	0.0000	45.6891	0.0000	0.5048	0.0000	0.4578	0.0000
2017-05-06 05:30:00	0.0000	45.6891	0.0000	0.2209	0.0000	0.4578	0.0000
2017-05-06 05:45:00	0.0000	45.6891	0.0000	0.2518	0.0000	0.4578	0.0000
2017-05-06 06:00:00	0.0000	45.6891	0.0000	0.2041	0.0000	0.4578	0.0000
2017-05-06 06:15:00	0.0000	45.6891	0.0000	0.1620	0.0000	0.4578	0.0000
2017-05-06 06:30:00	0.0000	45.6891	0.0000	0.3849	0.0000	0.4578	0.0000
2017-05-06 06:45:00	0.0000	45.6891	0.0000	0.2817	0.0000	0.4578	0.0000
2017-05-06 07:00:00	0.0000	45.6891	0.0000	0.1064	0.0000	0.4578	0.0000
2017-05-06 07:15:00	0.0000	45.6891	0.0000	0.4848	0.0000	0.4578	0.0000
2017-05-06 07:30:00	0.0000	45.6891	0.0000	0.7260	0.0000	0.4578	0.0000
2017-05-06 07:45:00	0.0000	45.6891	0.0000	0.6550	0.0000	0.4578	0.0000

Description			Point Source Air F	missions - A2 Nitric	Acid Stack		
20279-06 OR 15:00	Parameter	Volumetric Flow Rate				N	20
2007-06-06-08-00-00		·				 	g/s
2017-56-06 (18-5-07) 2017-56-06 (18-5-07) 2017-56-06 (19-15-07) 20							0.0000
2017-74-06 9815-08							0.0000
2017-95-06-99-100							0.0000
2007-976-68 (99-6500)							0.0000
2017-69-69 19-50							0.0000
2017 PG 68 105 000							0.0000
2017-95-68-19-300							0.0000
2017-06-08 103-000							0.0000
2017-05-66 11-05-00							0.0000
2017-05-06-11-0000							0.0000
2017-65-06-11-15-00							0.0000
2017-6-96-11-30:00							0.0000
2017-69-69 12000							0.0000
2017-05-06-12-00.00							0.0000
2017-05-06-12-15-00							0.0000
2017-69-66 123-9500							0.0000
2017-49-66 13-000							0.0000
2017-67-66 13-30:00							0.0000
2017-65-66 131-500							0.0000
2017-05-06 133-000							0.0000
2017-65-06 14-0000							0.0000
2017-05-06 1440000							0.0000
2017-05-06 14-15:00							0.0000
2017-05-06 14-3000							0.0000
2017-05-06 15-0000							0.0000
2017-95-06 15-15000							0.0000
2017-05-06 15-315-00							0.0000
2017-65-06 15:3-000							0.0000
2017-05-06 15:45:00							0.0000
2017-05-06 16:05:000							0.0000
2017-05-06 16:15:50							0.0000
2017-05-06 16:3-00.0							0.0000
2017-05-06 16-45-00							0.0000
2017-05-06 17:05:00							0.0000
2017-05-06 17:15:00							0.0000 0.0000
2017-05-06 17:30:00							0.0000
2017-05-06 17-45:00							
2017-05-06 18:00:00							0.0000 0.0000
2017-05-06 18:15:00							0.0000
2017-05-06 18:30:00							0.0000
2017-05-06 18:45:00							0.0000
2017-05-06 19:00:00							0.0000
2017-05-06 19:15:00							0.0000
2017-05-06 19:30:00							0.0000
2017-05-06 19:45:00							0.0000
2017-05-06 20:00:00							0.0000
2017-05-06 20:15:00							0.0000
2017-05-06 20:30:00 0.0000 176.3137 0.0000 0.5164 0.0000 0.4578 0 2017-05-06 20:45:00 0.0000 162.3164 0.0000 0.5969 0.0000 0.4578 0 2017-05-06 21:00:00 0.0000 162.3164 0.0000 0.5583 0.0000 0.4578 0 2017-05-06 21:30:00 0.0000 162.3164 0.0000 0.5216 0.0000 0.4578 0 2017-05-06 21:45:00 0.0000 195.3809 0.0000 0.2366 0.0000 0.4578 0 2017-05-06 22:45:00 0.0000 200.1201 0.0000 0.2662 0.0000 0.4578 0 2017-05-06 22:30:00 0.0000 228.4453 0.0000 0.3662 0.0000 0.4578 0 2017-05-06 22:45:00 0.0000 254.5250 0.0000 0.3299 0.0000 0.4578 0 2017-05-06 23:45:00 0.0000 255.5762 0.0000 0.3660 0.0000 0.4578 0 2017-05-06 23:45:00 <							0.0000
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2017-05-07 02:00:00							0.0000
							0.0000
							0.0000
							0.0000
							0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-07 03:00:00	0.0000	329.8430	0.0000	0.3056	0.0000	0.4578	0.0000
2017-05-07 03:15:00	0.0000	320.8615	0.0000	0.3056	0.0000	0.4578	0.0000
2017-05-07 03:30:00	0.0000	296.5781	0.0000	0.2943	0.0000	0.4578	0.0000
2017-05-07 03:45:00	0.0000	296.5781	0.0000	0.3044	0.0000	0.4578	0.0000
2017-05-07 04:00:00	0.0000	296.5781	0.0000	0.2249	0.0000	0.4578	0.0000
2017-05-07 04:15:00	0.0000	296.5781	0.0000	0.1957	0.0000	0.4578	0.0000
2017-05-07 04:30:00	0.0000	296.5781	0.0000	0.2576	0.0000	0.4578	0.0000
2017-05-07 04:45:00	0.0000	296.5781	0.0000	0.2596	0.0000	0.4578	0.0000
2017-05-07 05:00:00	0.0000	296.5781	0.0000	0.2554	0.0000	0.4578	0.0000
2017-05-07 05:15:00	0.0000	296.5781	0.0000	0.2554	0.0000	0.4578	0.0000
2017-05-07 05:30:00	0.0000	296.5781	0.0000	0.2554	0.0000	0.4578	0.0000
2017-05-07 05:45:00	0.0000	296.5781	0.0000	0.2447	0.0000	0.4578	0.0000
2017-05-07 06:00:00	0.0000	296.5781	0.0000	0.2099	0.0000	0.4578	0.0000
2017-05-07 06:15:00	0.0000	296.5781	0.0000	0.1923	0.0000	0.4578	0.0000
2017-05-07 06:30:00	0.0000	296.5781	0.0000	0.1757	0.0000	0.4578	0.0000
2017-05-07 06:45:00	0.0000	296.5781	0.0000	0.0767	0.0000	0.4578	0.0000
2017-05-07 07:00:00	0.0000	296.5781	0.0000	0.0446	0.0000	0.4578	0.0000
2017-05-07 07:15:00	0.0000	296.5781	0.0000	0.0007	0.0000	0.4578	0.0000
2017-05-07 07:30:00 2017-05-07 07:45:00	0.0000	296.5781	0.0000	0.0598 0.0515	0.0000	0.4578	0.0000
2017-05-07 07:45:00	0.0000 0.0000	296.5781 296.5781	0.0000 0.0000	0.0515	0.0000 0.0000	0.4578 0.4578	0.0000 0.0000
2017-05-07 08:00:00			0.0059	0.0515	0.0000		
2017-05-07 08:15:00	0.0200 0.0000	296.5781 296.5781	0.0059	0.0515	0.0000	0.4578 0.4578	0.0000 0.0000
2017-05-07 08:30:00	0.0000	296.5781	0.0000	0.0515	0.0000	0.4578	0.0000
2017-05-07 08:45:00	0.0000	302.7506	0.0000	0.0515	0.0000	0.4578	0.0000
2017-05-07 09:15:00	0.0000	329.8430	0.0000	0.0515	0.0000	0.4578	0.0000
2017-05-07 09:30:00	0.0000	329.8430	0.0000	0.0515	0.0000	0.4578	0.0000
2017-05-07 09:45:00	0.0000	329.8430	0.0000	0.0926	0.0000	0.4578	0.0000
2017-05-07 10:00:00	0.0000	329.8430	0.0000	0.0920	0.0000	0.4578	0.0000
2017-05-07 10:15:00	0.0000	329.8430	0.0000	0.0839	0.0000	0.4578	0.0000
2017-05-07 10:30:00	0.0000	329.8430	0.0000	0.0501	0.0000	0.4578	0.0000
2017-05-07 10:45:00	0.0000	329.8430	0.0000	0.0501	0.0000	0.4578	0.0000
2017-05-07 11:00:00	0.0000	329.8430	0.0000	0.0501	0.0000	0.4578	0.0000
2017-05-07 11:15:00	0.0000	329.8430	0.0000	0.0643	0.0000	0.4578	0.0000
2017-05-07 11:30:00	0.0000	329.8430	0.0000	0.1014	0.0000	0.4578	0.0000
2017-05-07 11:45:00	0.0000	329.8430	0.0000	0.0228	0.0000	0.4578	0.0000
2017-05-07 12:00:00	0.0000	329.8430	0.0000	0.0173	0.0000	0.4578	0.0000
2017-05-07 12:15:00	0.0000	329.8430	0.0000	0.0303	0.0000	0.4578	0.0000
2017-05-07 12:30:00	0.0000	329.8430	0.0000	0.0416	0.0000	0.4578	0.0000
2017-05-07 12:45:00	0.0000	329.8430	0.0000	0.0305	0.0000	0.4578	0.0000
2017-05-07 13:00:00	0.0000	350.5099	0.0000	0.0686	0.0000	0.4578	0.0000
2017-05-07 13:15:00	0.0000	363.9094	0.0000	0.0603	0.0000	0.4578	0.0000
2017-05-07 13:30:00	0.0000	363.9094	0.0000	0.0543	0.0000	0.4578	0.0000
2017-05-07 13:45:00	0.0000	363.9094	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 14:00:00	0.0000	363.9094	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 14:15:00	0.0000	363.9094	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 14:30:00	0.0225	346.0813	0.0078	0.0494	0.0000	0.4578	0.0000
2017-05-07 14:45:00	0.0384	329.8430	0.0127	0.0494	0.0000	0.4578	0.0000
2017-05-07 15:00:00	0.0000	329.8430	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 15:15:00	0.0000	329.8430	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 15:30:00	0.0000	329.8430	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 15:45:00	0.0000	312.8040	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 16:00:00	0.0000	296.5781	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 16:15:00	0.0000	296.5781	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 16:30:00	0.0000	296.5781	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 16:45:00	0.0000	296.5781	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 17:00:00	0.0000	300.3112	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 17:15:00	0.0000	329.8430	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 17:30:00	0.0000	329.8430	0.0000	0.0494	0.0000	0.4578	0.0000
2017-05-07 17:45:00	0.0000	329.8430	0.0000	0.0845	0.0000	0.4578	0.0000
2017-05-07 18:00:00	0.0000	329.8430	0.0000	0.1196	0.0000	0.4578	0.0000
2017-05-07 18:15:00	0.0000	329.8430	0.0000	0.1190	0.0000	0.4578	0.0000
2017-05-07 18:30:00	0.0000	329.8430	0.0000	0.1522	0.0000	0.4578	0.0000
2017-05-07 18:45:00	0.0000	329.8430	0.0000	0.1269	0.0000	0.4578	0.0000
2017-05-07 19:00:00	0.0000	329.8430	0.0000	0.1607	0.0000	0.4578	0.0000
2017-05-07 19:15:00	0.0000	329.8430	0.0000	0.1450	0.0000	0.4578	0.0000
2017-05-07 19:30:00	0.0000	329.8430	0.0000	0.1520	0.0000	0.4578	0.0000
2017-05-07 19:45:00	0.0000	329.8430	0.0000	0.1607	0.0000	0.4578	0.0000
2017-05-07 20:00:00	0.0000	319.3726	0.0000	0.1607	0.0000	0.4578	0.0000
2017-05-07 20:15:00	0.0000	295.5762	0.0000	0.1607	0.0000	0.4578	0.0000
2017-05-07 20:30:00	0.0000	295.5762	0.0000	0.1723	0.0000	0.4578	0.0000
2017-05-07 20:45:00	0.0000	328.7007	0.0000	0.2190	0.0000	0.4578	0.0000
2017-05-07 21:00:00	0.0000	329.8430	0.0000	0.2190	0.0000	0.4578	0.0000
2017-05-07 21:15:00	0.0000 0.0000	329.8430 329.8430	0.0000	0.2240	0.0000	0.4578	0.0000
2017-05-07 21:30:00			0.0000	0.2753	0.0000	0.4578	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-07 21:45:00	0.0000	342.3340	0.0000	0.3100	0.0000	0.4578	0.0000
2017-05-07 22:00:00	0.0000	362.9074	0.0000	0.3337	0.0000	0.4578	0.0000
2017-05-07 22:15:00	0.0000	362.9074	0.0000	0.2808	0.0000	0.4578	0.0000
2017-05-07 22:30:00	0.0000	362.9074	0.0000	0.2760	0.0000	0.4578	0.0000
2017-05-07 22:45:00	0.0000	362.9074	0.0000	0.2940	0.0000	0.4578	0.0000
2017-05-07 23:00:00	0.0000	362.9074	0.0000	0.3337	0.0000	0.4578	0.0000
2017-05-07 23:15:00	0.0000	362.9074	0.0000	0.3337	0.0000	0.4578	0.0000
2017-05-07 23:30:00	0.0000	362.9074	0.0000	0.3337	0.0000	0.4578	0.0000
2017-05-07 23:45:00	0.0000	362.9074	0.0000	0.3133	0.0000	0.4578	0.0000
2017-05-08 00:00:00	0.0000	362.9074	0.0000	0.1809	0.0000	0.4578	0.0000
2017-05-08 00:15:00	0.0000	362.9074	0.0000	0.1851	0.0000	0.4578	0.0000
2017-05-08 00:30:00	0.0000	362.9074	0.0000	0.1799	0.0000	0.4578	0.0000
2017-05-08 00:45:00	0.0000	362.9074	0.0000	0.1586	0.0000	0.4578	0.0000
2017-05-08 01:00:00	0.0000	362.9074	0.0000	0.1247	0.0000	0.4578	0.0000
2017-05-08 01:15:00	0.0000	362.9074	0.0000	0.1009	0.0000	0.4578	0.0000
2017-05-08 01:30:00	0.0000	346.3042	0.0000	0.1009	0.0000	0.4578	0.0000
2017-05-08 01:45:00	0.0000	360.7031	0.0000	0.1197	0.0000	0.4578	0.0000
2017-05-08 02:00:00 2017-05-08 02:15:00	0.0000	360.7031	0.0000 0.0000	0.2142	0.0000	0.4578	0.0000
	0.0000	343.1055		0.2142	0.0000	0.4578	0.0000
2017-05-08 02:30:00 2017-05-08 02:45:00	0.0000 0.0000	327.6387 327.6387	0.0000 0.0000	0.2142 0.2142	0.0000 0.0000	0.4578 0.4578	0.0000 0.0000
2017-05-08 02:45:00	0.0000	327.6387	0.0000	0.2142	0.0000	0.4578	0.0000
2017-05-08 03:00:00	0.0000	327.6387	0.0000	0.2142	0.0000	0.4578	0.0000
2017-05-08 03:13:00	0.0000	327.6387	0.0000	0.2142	0.0000	0.4578	0.0000
2017-05-08 03:45:00	0.0000	327.6387	0.0000	0.2142	0.0000	0.4578	0.0000
2017-05-08 04:00:00	0.0000	327.6387	0.0000	0.1531	0.0000	0.4578	0.0000
2017-05-08 04:15:00	0.0000	327.6387	0.0000	0.1531	0.0000	0.4578	0.0000
2017-05-08 04:30:00	0.0000	327.6387	0.0000	0.1531	0.0000	0.4578	0.0000
2017-05-08 04:45:00	0.0000	327.6387	0.0000	0.1531	0.0000	0.4578	0.0000
2017-05-08 05:00:00	0.0000	327.6387	0.0000	0.1531	0.0000	0.4578	0.0000
2017-05-08 05:15:00	0.0000	327.6387	0.0000	0.1531	0.0000	0.4578	0.0000
2017-05-08 05:30:00	0.0000	327.6387	0.0000	0.1531	0.0000	0.4578	0.0000
2017-05-08 05:45:00	0.0000	327.6387	0.0000	0.1531	0.0000	0.4578	0.0000
2017-05-08 06:00:00	0.0000	327.6387	0.0000	0.1407	0.0000	0.4578	0.0000
2017-05-08 06:15:00	0.0000	327.6387	0.0000	0.0954	0.0000	0.4578	0.0000
2017-05-08 06:30:00	0.0000	327.6387	0.0000	0.0954	0.0000	0.4578	0.0000
2017-05-08 06:45:00	0.0000	327.6387	0.0000	0.1904	0.0000	0.4578	0.0000
2017-05-08 07:00:00	0.0000	327.6387	0.0000	0.1507	0.0000	0.4578	0.0000
2017-05-08 07:15:00	0.0000	327.6387	0.0000	0.0648	0.0000	0.4578	0.0000
2017-05-08 07:30:00	0.0000	327.6387	0.0000	0.0521	0.0000	0.4578	0.0000
2017-05-08 07:45:00	0.0000	327.6387	0.0000	0.0982	0.0000	0.4578	0.0000
2017-05-08 08:00:00	0.0000	327.6387	0.0000	0.0485	0.0000	0.4578	0.0000
2017-05-08 08:15:00	0.0000	327.6387	0.0000	0.0391	0.0000	0.4578	0.0000
2017-05-08 08:30:00	0.0000	327.6387	0.0000	0.0391	0.0000	0.4578	0.0000
2017-05-08 08:45:00	0.0000	327.6387	0.0000	0.0391	0.0000	0.4578	0.0000
2017-05-08 09:00:00	0.0000	327.6387	0.0000	0.0391	0.0000	0.4578	0.0000
2017-05-08 09:15:00	0.0000	327.6387	0.0000	0.0643	0.0000	0.4578	0.0000
2017-05-08 09:30:00	0.0000	327.6387	0.0000	0.0701	0.0000	0.4578	0.0000
2017-05-08 09:45:00	0.0000	327.6387	0.0000	0.1082	0.0000	0.4578	0.0000
2017-05-08 10:00:00	0.0000	327.6387	0.0000	0.1032	0.0000	0.4578	0.0000
2017-05-08 10:15:00	0.0000	327.6387	0.0000	0.1341	0.0000	0.4578	0.0000
2017-05-08 10:30:00	0.0000	327.6387	0.0000	0.1504	0.0000	0.4578	0.0000
2017-05-08 10:45:00	0.0000	327.6387	0.0000	0.1504	0.0000	0.4578	0.0000
2017-05-08 11:00:00	0.0000	327.6387	0.0000	0.1381	0.0000	0.4578	0.0000
2017-05-08 11:15:00	0.0000	327.6387	0.0000	0.1234	0.0000	0.4578	0.0000
2017-05-08 11:30:00	0.0000	327.6387	0.0000	0.0805	0.0000	0.4578	0.0000
2017-05-08 11:45:00	0.0000	327.6387	0.0000	0.1016	0.0000	0.4578	0.0000
2017-05-08 12:00:00	0.0000	327.6387	0.0000	0.0246	0.0000	0.4578	0.0000
2017-05-08 12:15:00	0.0000	327.6387	0.0000	0.1085	0.0000	0.4578	0.0000
2017-05-08 12:30:00	0.0000	327.6387	0.0000	0.0950	0.0000	0.4578	0.0000
2017-05-08 12:45:00	0.0000	323.4621	0.0000	0.0838	0.0000	0.4578	0.0000
2017-05-08 13:00:00	0.0000	294.3738	0.0000	0.0580	0.0000	0.4578	0.0000
2017-05-08 13:15:00	0.0000	294.3738	0.0000	0.0706	0.0000	0.4578	0.0000
2017-05-08 13:30:00	0.0000	294.3738	0.0000	0.0915	0.0000	0.4578	0.0000
2017-05-08 13:45:00	0.0000	294.3738	0.0000	0.0199	0.0000	0.4578	0.0000
2017-05-08 14:00:00	0.0571	285.9708	0.0163	0.0199	0.0000	0.4578	0.0001
2017-05-08 14:15:00	0.1092	260.3074	0.0284	0.0297	0.0000	0.4578	0.0001
2017-05-08 14:30:00	0.0190	260.3074	0.0050	0.0041	0.0000	0.4578	0.0000
2017-05-08 14:45:00	0.0000	260.3074	0.0000	0.0041	0.0000	0.4578	0.0000
2017-05-08 15:00:00	0.0000	242.9075	0.0000	0.0041	0.0000	0.4578	0.0000
2017-05-08 15:15:00	0.0000	226.0406	0.0000	0.0201	0.0000	0.4578	0.0000
2017-05-08 15:30:00	0.0000	226.0406	0.0000	0.0069	0.0000	0.4578	0.0000
2017-05-08 15:45:00	0.0000	226.0406	0.0000	0.0069	0.0000	0.4578	0.0000
2017-05-08 16:00:00	0.0000	226.0406	0.0000	0.0069	0.0000	0.4578	0.0000
2017-05-08 16:15:00	0.0000	226.0406	0.0000	0.0069	0.0000	0.4578	0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Эx	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-08 16:30:00	0.0000	226.0406	0.0000	0.0069	0.0000	0.4578	0.0000
2017-05-08 16:45:00	0.0000	226.0406	0.0000	0.0069	0.0000	0.4578	0.0000
2017-05-08 17:00:00	0.0000	226.0406	0.0000	0.0083	0.0000	0.4578	0.0000
2017-05-08 17:15:00	0.0000	226.0406	0.0000	0.0888	0.0000	0.4578	0.0000
2017-05-08 17:30:00	0.0000	223.5941	0.0000	0.1215	0.0000	0.4578	0.0000
2017-05-08 17:45:00	0.0000	193.1766	0.0000	0.1611	0.0000	0.4578	0.0000
2017-05-08 18:00:00	0.0000	193.1766	0.0000	0.1914	0.0000	0.4578	0.0000
2017-05-08 18:15:00	0.0000	193.1766	0.0000	0.2355	0.0000	0.4578	0.0000
2017-05-08 18:30:00	0.0000	216.0278	0.0000	0.2355	0.0000	0.4578	0.0000
2017-05-08 18:45:00	0.0000	226.2410	0.0000	0.2355	0.0000	0.4578	0.0000
2017-05-08 19:00:00	0.0000	226.2410	0.0000	0.1710	0.0000	0.4578	0.0000
2017-05-08 19:15:00	0.0000	226.2410	0.0000	0.0604	0.0000	0.4578	0.0000
2017-05-08 19:30:00	0.0000	226.2410	0.0000	0.1528	0.0000	0.4578	0.0000
2017-05-08 19:45:00	0.0000	226.2410	0.0000	0.2324	0.0000	0.4578	0.0000
2017-05-08 20:00:00	0.0000	243.8798	0.0000	0.1826	0.0000	0.4578	0.0000
2017-05-08 20:15:00	0.0000	260.3074	0.0000	0.1813	0.0000	0.4578	0.0000
2017-05-08 20:30:00	0.0181	282.0197	0.0051	0.1146	0.0000	0.4578	0.0000
2017-05-08 20:45:00	0.0000	293.3719	0.0000	0.0862	0.0000	0.4578	0.0000
2017-05-08 21:00:00	0.0000	293.3719	0.0000	0.1381	0.0000	0.4578	0.0000
2017-05-08 21:15:00	0.0000	293.3719	0.0000	0.1588	0.0000	0.4578	0.0000
2017-05-08 21:30:00	0.0000	311.2267	0.0000	0.1476	0.0000	0.4578	0.0000
2017-05-08 21:45:00	0.0000	326.4363	0.0000	0.1346	0.0000	0.4578	0.0000
2017-05-08 22:00:00	0.0000	326.4363	0.0000	0.1346	0.0000	0.4578	0.0000
2017-05-08 22:15:00	0.0000	326.4363	0.0000	0.1562	0.0000	0.4578	0.0000
2017-05-08 22:30:00	0.0000	326.4363	0.0000	0.2106 0.1895	0.0000	0.4578	0.0000
2017-05-08 22:45:00	0.0000	326.4363	0.0000		0.0000	0.4578	0.0000
2017-05-08 23:00:00	0.0000	326.4363	0.0000	0.2394	0.0000	0.4578	0.0000
2017-05-08 23:15:00	0.0000	326.4363	0.0000	0.2551	0.0000	0.4578	0.0000
2017-05-08 23:30:00	0.0000	326.4363	0.0000	0.2448	0.0000	0.4578	0.0000
2017-05-08 23:45:00 2017-05-09 00:00:00	0.0188 0.0190	326.4363 326.4363	0.0061 0.0062	0.2813 0.2463	0.0000 0.0000	0.4578 0.4578	0.0000
2017-05-09 00:00:00	0.0000	326.4363	0.0062	0.2463	0.0000	0.4578	0.0000
2017-05-09 00:15:00	0.0939	319.2356	0.0300	0.2276	0.0000	0.4578	0.0001
2017-05-09 00:30:00	0.1329	293.3719	0.0300	0.2276	0.0000	0.4578	0.0001
2017-05-09 01:00:00	0.0541	293.3719	0.0159	0.1936	0.0000	0.4578	0.0001
2017-05-09 01:00:00	0.0558	293.3719	0.0159	0.1936	0.0000	0.4578	0.0000
2017-05-09 01:30:00	0.0742	293.3719	0.0218	0.1936	0.0000	0.4578	0.0001
2017-05-09 01:45:00	0.0000	293.3719	0.0000	0.1847	0.0000	0.4578	0.0001
2017-05-09 02:00:00	0.0000	293.3719	0.0000	0.1933	0.0000	0.4578	0.0000
2017-05-09 02:15:00	0.0000	293.3719	0.0000	0.1386	0.0000	0.4578	0.0000
2017-05-09 02:30:00	0.0000	293.3719	0.0000	0.1891	0.0000	0.4578	0.0000
2017-05-09 02:45:00	0.0000	293.3719	0.0000	0.1664	0.0000	0.4578	0.0000
2017-05-09 03:00:00	0.0000	293.3719	0.0000	0.1827	0.0000	0.4578	0.0000
2017-05-09 03:15:00	0.0000	293.3719	0.0000	0.1936	0.0000	0.4578	0.0000
2017-05-09 03:30:00	0.0000	293.3719	0.0000	0.1936	0.0000	0.4578	0.0000
2017-05-09 03:45:00	0.0000	288.9633	0.0000	0.1769	0.0000	0.4578	0.0000
2017-05-09 04:00:00	0.0000	260.3074	0.0000	0.1719	0.0000	0.4578	0.0000
2017-05-09 04:15:00	0.0000	260.3074	0.0000	0.1560	0.0000	0.4578	0.0000
2017-05-09 04:30:00	0.0000	260.3074	0.0000	0.1943	0.0000	0.4578	0.0000
2017-05-09 04:45:00	0.0000	260.3074	0.0000	0.1943	0.0000	0.4578	0.0000
2017-05-09 05:00:00	0.0000	260.3074	0.0000	0.2440	0.0000	0.4578	0.0000
2017-05-09 05:15:00	0.0000	260.3074	0.0000	0.2520	0.0000	0.4578	0.0000
2017-05-09 05:30:00	0.0000	260.3074	0.0000	0.2520	0.0000	0.4578	0.0000
2017-05-09 05:45:00	0.0000	260.3074	0.0000	0.2105	0.0000	0.4578	0.0000
2017-05-09 06:00:00	0.0000	260.3074	0.0000	0.1950	0.0000	0.4578	0.0000
2017-05-09 06:15:00	0.0000	260.3074	0.0000	0.1950	0.0000	0.4578	0.0000
2017-05-09 06:30:00	0.0000	260.3074	0.0000	0.2491	0.0000	0.4578	0.0000
2017-05-09 06:45:00	0.0000	260.3074	0.0000	0.1994	0.0000	0.4578	0.0000
2017-05-09 07:00:00	0.0000	260.3074	0.0000	0.1895	0.0000	0.4578	0.0000
2017-05-09 07:15:00	0.0000	260.3074	0.0000	0.1366	0.0000	0.4578	0.0000
2017-05-09 07:30:00	0.0000	260.3074	0.0000	0.1163	0.0000	0.4578	0.0000
2017-05-09 07:45:00	0.0000	260.3074	0.0000	0.0755	0.0000	0.4578	0.0000
2017-05-09 08:00:00	0.0000	260.3074	0.0000	0.0571	0.0000	0.4578	0.0000
2017-05-09 08:15:00	0.0226	260.3074	0.0059	0.0137	0.0000	0.4578	0.0000
2017-05-09 08:30:00	0.0000	260.3074	0.0000	0.0172	0.0000	0.4578	0.0000
2017-05-09 08:45:00	0.0000	260.3074	0.0000	0.1398	0.0000	0.4578	0.0000
2017-05-09 09:00:00	0.0000	260.3074	0.0000	0.1453	0.0000	0.4578	0.0000
2017-05-09 09:15:00	0.0000	260.3074	0.0000	0.1120	0.0000	0.4578	0.0000
2017-05-09 09:30:00	0.0000	260.3074	0.0000	0.0772	0.0000	0.4578	0.0000
2017-05-09 09:45:00	0.0000	260.3074	0.0000	0.1440	0.0000	0.4578	0.0000
	0.0179	260.3074	0.0047	0.1500	0.0000	0.4578	0.0000
2017-05-09 10:00:00	0.0173						-
	0.0000	260.3074	0.0000	0.0775	0.0000	0.4578	0.0000
2017-05-09 10:00:00			0.0000 0.0000	0.0775 0.0765	0.0000 0.0000	0.4578 0.4578	0.0000 0.0000
2017-05-09 10:00:00 2017-05-09 10:15:00	0.0000	260.3074					

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-09 11:15:00	0.0000	227.0426	0.0000	0.1105	0.0000	0.4578	0.0000
2017-05-09 11:30:00	0.0000	227.0426	0.0000	0.0926	0.0000	0.4578	0.0000
2017-05-09 11:45:00	0.0000	227.0426	0.0000	0.0819	0.0000	0.4578	0.0000
2017-05-09 12:00:00	0.0000	227.0426	0.0000	0.1183	0.0000	0.4578	0.0000
2017-05-09 12:15:00	0.0000	227.0426	0.0000	0.0733	0.0000	0.4578	0.0000
2017-05-09 12:30:00	0.0000	203.7026	0.0000	0.0556	0.0000	0.4578	0.0000
2017-05-09 12:45:00	0.0000	191.9742	0.0000	0.0647	0.0000	0.4578	0.0000
2017-05-09 13:00:00	0.0000	191.9742	0.0000	0.1443	0.0000	0.4578	0.0000
2017-05-09 13:15:00	0.0000	191.9742	0.0000	0.1314	0.0000	0.4578	0.0000
2017-05-09 13:30:00	0.0000	191.9742	0.0000	0.0816	0.0000	0.4578	0.0000
2017-05-09 13:45:00	0.0000	186.6839	0.0000	0.0405	0.0000	0.4578	0.0000
2017-05-09 14:00:00	0.0190	158.9098	0.0030	0.0584	0.0000	0.4578	0.0000
2017-05-09 14:15:00	0.0776	158.9098	0.0123	0.0584	0.0000	0.4578	0.0001
2017-05-09 14:30:00	0.0766	158.9098	0.0122	0.0819	0.0000	0.4578	0.0001
2017-05-09 14:45:00	0.0000	158.9098	0.0000	0.1019	0.0000	0.4578	0.0000
2017-05-09 15:00:00	0.0557	158.9098	0.0089	0.0208	0.0000	0.4578	0.0000
2017-05-09 15:15:00	0.0196	158.9098	0.0031	0.0047	0.0000	0.4578	0.0000
2017-05-09 15:30:00	0.0359	158.9098	0.0057	0.0385	0.0000	0.4578	0.0000
2017-05-09 15:45:00 2017-05-09 16:00:00	0.0000	158.9098	0.0000	0.0547	0.0000	0.4578	0.0000
2017-05-09 16:00:00 2017-05-09 16:15:00	0.0000 0.0000	158.9098 158.9098	0.0000 0.0000	0.0560 0.0664	0.0000 0.0000	0.4578 0.4578	0.0000 0.0000
2017-05-09 16:15:00	0.0184	158.9098	0.0000	0.0364	0.0000	0.4578	0.0000
2017-05-09 16:30:00	0.0000	158.9098	0.0029	0.0364	0.0000	0.4578	0.0000
2017-05-09 16:45:00	0.0000	158.9098	0.0000	0.0364	0.0000	0.4578	0.0000
2017-05-09 17:00:00	0.0000	158.9098	0.0000	0.1832	0.0000	0.4578	0.0000
2017-05-09 17:30:00	0.0000	158.9098	0.0000	0.2298	0.0000	0.4578	0.0000
2017-05-09 17:45:00	0.0000	158.9098	0.0000	0.0841	0.0000	0.4578	0.0000
2017-05-09 18:00:00	0.0000	158.9098	0.0000	0.2163	0.0000	0.4578	0.0000
2017-05-09 18:15:00	0.0000	158.9098	0.0000	0.2328	0.0000	0.4578	0.0000
2017-05-09 18:30:00	0.0000	158.9098	0.0000	0.0523	0.0000	0.4578	0.0000
2017-05-09 18:45:00	0.0000	158.9098	0.0000	0.0481	0.0000	0.4578	0.0000
2017-05-09 19:00:00	0.0000	158.9098	0.0000	0.0481	0.0000	0.4578	0.0000
2017-05-09 19:15:00	0.0000	158.9098	0.0000	0.0481	0.0000	0.4578	0.0000
2017-05-09 19:30:00	0.0000	158.9098	0.0000	0.0481	0.0000	0.4578	0.0000
2017-05-09 19:45:00	0.0359	158.9098	0.0057	0.0481	0.0000	0.4578	0.0000
2017-05-09 20:00:00	0.8713	158.9098	0.1385	0.0481	0.0000	0.4578	0.0008
2017-05-09 20:15:00	0.3814	179.0423	0.0683	0.0481	0.0000	0.4578	0.0003
2017-05-09 20:30:00	0.5226	191.9742	0.1003	0.0481	0.0000	0.4578	0.0005
2017-05-09 20:45:00	0.1267	191.9742	0.0243	0.0481	0.0000	0.4578	0.0001
2017-05-09 21:00:00	0.1980	191.9742	0.0380	0.0481	0.0000	0.4578	0.0002
2017-05-09 21:15:00	0.3665	207.6608	0.0761	0.0481	0.0000	0.4578	0.0003
2017-05-09 21:30:00	0.3532	226.2410	0.0799	0.0481	0.0000	0.4578	0.0003
2017-05-09 21:45:00	1.9523	226.2410	0.4417	0.0481	0.0001	0.4578	0.0017
2017-05-09 22:00:00	1.8812	226.2410	0.4256	0.0481	0.0001	0.4578	0.0017
2017-05-09 22:15:00	2.4725	226.2410	0.5594	0.0481	0.0001	0.4578	0.0022
2017-05-09 22:30:00	2.5665	226.2410	0.5806	0.0481	0.0001	0.4578	0.0023
2017-05-09 22:45:00	1.3318	226.2410	0.3013	0.0481	0.0001	0.4578	0.0012
2017-05-09 23:00:00	0.1801	226.2410	0.0407	0.0481	0.0000	0.4578	0.0002
2017-05-09 23:15:00	0.0899	226.2410	0.0203	0.0481	0.0000	0.4578	0.0001
2017-05-09 23:30:00	0.0898	226.2410	0.0203	0.0481	0.0000	0.4578	0.0001
2017-05-09 23:45:00	0.0358	226.2410	0.0081	0.0481	0.0000	0.4578	0.0000
2017-05-10 00:00:00	0.2867	226.2410	0.0649	0.0481	0.0000	0.4578	0.0003
2017-05-10 00:15:00	1.9586	226.2410	0.4431	0.0481	0.0001	0.4578	0.0017
2017-05-10 00:30:00	2.8781	226.2410	0.6511	0.0481	0.0001	0.4578	0.0026
2017-05-10 00:45:00	2.5061	226.2410	0.5670	0.0481	0.0001	0.4578	0.0022
2017-05-10 01:00:00	2.0907	226.2410	0.4730	0.0481	0.0001	0.4578	0.0019
2017-05-10 01:15:00	1.9781	226.2410	0.4475	0.0481	0.0001	0.4578	0.0018
2017-05-10 01:30:00	2.0823	226.2410	0.4711	0.0481	0.0001	0.4578	0.0018
2017-05-10 01:45:00	2.3179	226.2410	0.5244	0.0481	0.0001	0.4578	0.0021
2017-05-10 02:00:00	2.8403	226.2410	0.6426	0.0481	0.0001	0.4578	0.0025
2017-05-10 02:15:00	2.1939	226.2410	0.4964	0.0481	0.0001	0.4578	0.0019
2017-05-10 02:30:00	1.0608	226.2410	0.2400	0.0481	0.0001	0.4578	0.0009
2017-05-10 02:45:00	2.7519	226.2410	0.6226	0.0481	0.0001	0.4578	0.0024
2017-05-10 03:00:00	1.5547	226.2410	0.3517	0.0481	0.0001	0.4578	0.0014
2017-05-10 03:15:00	0.0181	226.2410	0.0041	0.0481	0.0000	0.4578	0.0000
2017-05-10 03:30:00	0.3603	210.2231	0.0757	0.0481	0.0000	0.4578	0.0003
2017-05-10 03:45:00	0.5224	193.1766	0.1009	0.0481	0.0000	0.4578	0.0005
2017-05-10 04:00:00	1.4881	193.1766	0.2875	0.0481	0.0001	0.4578	0.0013
2017-05-10 04:15:00	2.0289	193.1766	0.3919	0.0481	0.0001	0.4578	0.0018
2017-05-10 04:30:00	1.4030	193.1766	0.2710	0.0481	0.0001	0.4578	0.0012
2017-05-10 04:45:00	3.2291	193.1766	0.6238	0.0481	0.0002	0.4578	0.0029
2017-05-10 05:00:00	2.7170	193.1766	0.5249	0.0481	0.0001	0.4578	0.0024
2017-05-10 05:15:00	3.2352	193.1766	0.6250	0.0481	0.0002	0.4578	0.0029
2017-05-10 05:30:00 2017-05-10 05:45:00	3.2352 3.2712	193.1766	0.6250	0.0481	0.0002	0.4578	0.0029
		193.1766	0.6319	0.0481	0.0002	0.4578	0.0029

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-10 06:00:00	3.1500	193.1766	0.6085	0.0481	0.0002	0.4578	0.0028
2017-05-10 06:15:00	3.2740	193.1766	0.6325	0.0481	0.0002	0.4578	0.0029
2017-05-10 06:30:00	2.2543	193.1766	0.4355	0.0481	0.0001	0.4578	0.0020
2017-05-10 06:45:00	0.2726	193.1766	0.0527	0.0481	0.0000	0.4578	0.0002
2017-05-10 07:00:00	1.8623	193.1766	0.3598	0.0481	0.0001	0.4578	0.0017
2017-05-10 07:15:00	2.2361	193.1766	0.4320	0.0481	0.0001	0.4578	0.0020
2017-05-10 07:30:00	2.0962	193.1766	0.4049	0.0676	0.0001	0.4578	0.0019
2017-05-10 07:45:00	1.9178	193.1766 193.1766	0.3705 0.2174	0.1538 0.1542	0.0003 0.0002	0.4578 0.4578	0.0017 0.0010
2017-05-10 08:00:00	1.1253		0.2174	0.1542	0.0002		0.0010
2017-05-10 08:15:00 2017-05-10 08:30:00	1.4330	193.1766 193.1766	0.2768	0.2713	0.0004	0.4578	0.0013
2017-05-10 08:45:00	0.6980 0.0371	193.1766	0.1348	0.3834	0.0003	0.4578 0.4578	0.0006
2017-05-10 08:45:00	0.0371	193.1766	0.0072	0.4610	0.0000	0.4578	0.0000
2017-05-10 09:00:00	0.0945	193.1766	0.0183	0.3361	0.0000	0.4578	0.0001
2017-05-10 09:30:00	0.0186	193.1766	0.0036	0.2774	0.0001	0.4578	0.0004
2017-05-10 09:45:00	0.2032	193.1766	0.0393	0.3488	0.0001	0.4578	0.0000
2017-05-10 09:45:00	0.2032	193.1766	0.0393	0.3488	0.0001	0.4578	0.0002
2017-05-10 10:00:00	0.0000	193.1766	0.0000	0.0737	0.0000	0.4578	0.0000
2017-05-10 10:13:00	0.0000	193.1766	0.0000	0.1860	0.0000	0.4578	0.0000
2017-05-10 10:35:00	0.0000	193.1766	0.0000	0.1661	0.0000	0.4578	0.0000
2017-05-10 10:45:00	0.0000	193.1766	0.0000	0.1661	0.0000	0.4578	0.0000
2017-05-10 11:00:00	0.0000	193.1766	0.0000	0.1414	0.0000	0.4578	0.0000
2017-05-10 11:13:00	0.0000	162.3164	0.0000	0.1041	0.0000	0.4578	0.0000
2017-05-10 11:35:00	0.0000	160.1121	0.0000	0.0711	0.0000	0.4578	0.0000
2017-05-10 11:43:00	0.0000	160.1121	0.0000	0.1361	0.0000	0.4578	0.0000
2017-05-10 12:15:00	0.0638	160.1121	0.0102	0.1657	0.0000	0.4578	0.0001
2017-05-10 12:30:00	0.1257	160.1121	0.0201	0.1955	0.0000	0.4578	0.0001
2017-05-10 12:45:00	0.3984	160.1121	0.0638	0.2812	0.0001	0.4578	0.0004
2017-05-10 13:00:00	0.8213	160.1121	0.1315	0.2855	0.0002	0.4578	0.0007
2017-05-10 13:15:00	0.0223	160.1121	0.0036	0.1292	0.0000	0.4578	0.0000
2017-05-10 13:30:00	0.0605	160.1121	0.0097	0.0965	0.0000	0.4578	0.0001
2017-05-10 13:45:00	0.0918	160.1121	0.0147	0.1304	0.0000	0.4578	0.0001
2017-05-10 14:00:00	1.2140	160.1121	0.1944	0.2125	0.0003	0.4578	0.0011
2017-05-10 14:15:00	1.8333	160.1121	0.2935	0.1913	0.0004	0.4578	0.0016
2017-05-10 14:30:00	0.6547	128.7009	0.0843	0.1186	0.0001	0.4578	0.0006
2017-05-10 14:45:00	0.2387	127.0477	0.0303	0.0291	0.0000	0.4578	0.0002
2017-05-10 15:00:00	0.1496	127.0477	0.0190	0.0378	0.0000	0.4578	0.0001
2017-05-10 15:15:00	0.2172	127.0477	0.0276	0.1149	0.0000	0.4578	0.0002
2017-05-10 15:30:00	0.0182	127.0477	0.0023	0.1869	0.0000	0.4578	0.0000
2017-05-10 15:45:00	0.1146	127.0477	0.0146	0.3201	0.0000	0.4578	0.0001
2017-05-10 16:00:00	0.0760	127.0477	0.0097	0.2837	0.0000	0.4578	0.0001
2017-05-10 16:15:00	0.0185	127.0477	0.0024	0.1782	0.0000	0.4578	0.0000
2017-05-10 16:30:00	0.0622	127.0477	0.0079	0.1141	0.0000	0.4578	0.0001
2017-05-10 16:45:00	0.0000	127.0477	0.0000	0.1072	0.0000	0.4578	0.0000
2017-05-10 17:00:00	0.0000	127.0477	0.0000	0.0977	0.0000	0.4578	0.0000
2017-05-10 17:15:00	0.0000	127.0477	0.0000	0.1048	0.0000	0.4578	0.0000
2017-05-10 17:30:00	0.0000	127.0477	0.0000	0.1363	0.0000	0.4578	0.0000
2017-05-10 17:45:00	0.0000	127.0477	0.0000	0.1795	0.0000	0.4578	0.0000
2017-05-10 18:00:00	0.0542	127.0477	0.0069	0.1212	0.0000	0.4578	0.0000
2017-05-10 18:15:00	0.0000	127.0477	0.0000	0.2289	0.0000	0.4578	0.0000
2017-05-10 18:30:00	0.2176	127.0477	0.0276	0.2323	0.0001	0.4578	0.0002
2017-05-10 18:45:00	0.0542	127.0477	0.0069	0.2053	0.0000	0.4578	0.0000
2017-05-10 19:00:00	0.0000	127.0477	0.0000	0.2053	0.0000	0.4578	0.0000
2017-05-10 19:15:00	1.1484	127.0477	0.1459	0.2053	0.0002	0.4578	0.0010
2017-05-10 19:30:00	1.7241	127.0477	0.2190	0.2104	0.0004	0.4578	0.0015
2017-05-10 19:45:00	1.8502	127.0477	0.2351	0.2637	0.0005	0.4578	0.0016
2017-05-10 20:00:00	0.4041	127.0477	0.0513	0.2637	0.0001	0.4578	0.0004
2017-05-10 20:15:00	0.1795	127.0477	0.0228	0.2189	0.0000	0.4578	0.0002
2017-05-10 20:30:00	0.0883	127.0477	0.0112	0.1483	0.0000	0.4578	0.0001
2017-05-10 20:45:00	2.1172	127.0477	0.2690	0.1585	0.0003	0.4578	0.0019
2017-05-10 21:00:00	2.3320	127.0477	0.2963	0.2266	0.0005	0.4578	0.0021
2017-05-10 21:15:00	2.3857	127.0477	0.3031	0.1594	0.0004	0.4578	0.0021
2017-05-10 21:30:00	2.8933	143.1531	0.4142	0.3605	0.0010	0.4578	0.0026
2017-05-10 21:45:00	1.3235	161.3145	0.2135	0.4086	0.0005	0.4578	0.0012
2017-05-10 22:00:00	2.6687	161.3145	0.4305	0.5674	0.0015	0.4578	0.0024
2017-05-10 22:15:00	2.9415	161.3145	0.4745	0.6151	0.0018	0.4578	0.0026
2017-05-10 22:30:00	3.0378	161.3145	0.4900	0.5727	0.0017	0.4578	0.0027
2017-05-10 22:45:00	2.5626	161.3145	0.4134	0.5345	0.0014	0.4578	0.0023
2017-05-10 23:00:00	2.6656	161.3145	0.4300	0.5157	0.0014	0.4578	0.0024
2017-05-10 23:15:00	2.0807	161.3145	0.3356	0.5580	0.0012	0.4578	0.0018
		161.3145	0.0657	0.4137	0.0002	0.4578	0.0004
2017-05-10 23:30:00	0.4071						
2017-05-10 23:45:00	0.0771	161.3145	0.0124	0.0656	0.0000	0.4578	0.0001
2017-05-10 23:45:00 2017-05-11 00:00:00	0.0771 0.0187	161.3145 161.3145	0.0030	0.0661	0.0000	0.4578	0.0000
2017-05-10 23:45:00	0.0771	161.3145					

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	NO		NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-11 00:45:00	0.0558	161.3145	0.0090	0.0542	0.0000	0.4578	0.0000
2017-05-11 01:00:00	0.1293	161.3145	0.0209	0.0542	0.0000	0.4578	0.0001
2017-05-11 01:15:00 2017-05-11 01:30:00	0.1680 0.0565	161.3145 161.3145	0.0271 0.0091	0.0542 0.0542	0.0000 0.0000	0.4578 0.4578	0.0001 0.0001
2017-05-11 01:45:00	0.0363	161.3145	0.0091	0.0542	0.0000	0.4578	0.0001
2017-05-11 01:43:00	2.1776	161.3145	0.3513	0.0542	0.0001	0.4578	0.0019
2017-05-11 02:15:00	2.2544	161.3145	0.3637	0.0542	0.0001	0.4578	0.0020
2017-05-11 02:30:00	2.1318	161.3145	0.3439	0.0542	0.0001	0.4578	0.0019
2017-05-11 02:45:00	3.2754	161.3145	0.5284	0.0542	0.0002	0.4578	0.0029
2017-05-11 03:00:00	3.3123	161.3145	0.5343	0.0542	0.0002	0.4578	0.0029
2017-05-11 03:15:00	3.3123	161.3145	0.5343	0.0542	0.0002	0.4578	0.0029
2017-05-11 03:30:00	3.7933	161.3145	0.6119	0.0542	0.0002	0.4578	0.0034
2017-05-11 03:45:00	3.8082	161.3145	0.6143	0.1649	0.0006	0.4578	0.0034
2017-05-11 04:00:00	3.8082	161.3145	0.6143	0.1323	0.0005	0.4578	0.0034
2017-05-11 04:15:00 2017-05-11 04:30:00	3.8082 3.5859	161.3145 161.3145	0.6143 0.5785	0.0069 0.0996	0.0000 0.0004	0.4578 0.4578	0.0034 0.0032
2017-05-11 04:45:00	2.5652	161.3145	0.4138	0.0000	0.0004	0.4578	0.0032
2017-05-11 05:00:00	3.2157	161.3145	0.5187	0.0000	0.0000	0.4578	0.0029
2017-05-11 05:15:00	3.4862	161.3145	0.5624	0.0000	0.0000	0.4578	0.0031
2017-05-11 05:30:00	3.6733	159.5878	0.5862	0.1389	0.0005	0.4578	0.0033
2017-05-11 05:45:00	3.6733	128.2500	0.4711	0.5180	0.0019	0.4578	0.0033
2017-05-11 06:00:00	3.6733	128.2500	0.4711	0.6195	0.0023	0.4578	0.0033
2017-05-11 06:15:00	3.6733	128.2500	0.4711	0.3901	0.0014	0.4578	0.0033
2017-05-11 06:30:00	3.6733	128.2500	0.4711	0.2624	0.0010	0.4578	0.0033
2017-05-11 06:45:00	3.6733	128.2500	0.4711	0.0130	0.0000	0.4578	0.0033
2017-05-11 07:00:00	3.6733	128.2500	0.4711	0.0259	0.0001	0.4578	0.0033
2017-05-11 07:15:00	2.0557	128.2500	0.2636	0.0192	0.0000	0.4578	0.0018
2017-05-11 07:30:00	1.3565	128.2500	0.1740	0.0348	0.0000	0.4578	0.0012
2017-05-11 07:45:00	1.5041	128.2500	0.1929	0.0963	0.0001	0.4578	0.0013
2017-05-11 08:00:00 2017-05-11 08:15:00	1.3730 2.9278	128.2500 128.2500	0.1761 0.3755	0.2871 0.2607	0.0004 0.0008	0.4578 0.4578	0.0012 0.0026
2017-05-11 08:30:00	2.9278	128.2500	0.3601	0.2552	0.0008	0.4578	0.0025
2017-05-11 08:45:00	2.3062	128.2500	0.2958	0.1247	0.0007	0.4578	0.0020
2017-05-11 09:00:00	2.0388	128.2500	0.2615	0.0385	0.0001	0.4578	0.0018
2017-05-11 09:15:00	1.3884	128.2500	0.1781	0.0385	0.0001	0.4578	0.0012
2017-05-11 09:30:00	1.3386	128.2500	0.1717	0.0385	0.0001	0.4578	0.0012
2017-05-11 09:45:00	1.4481	128.2500	0.1857	0.0397	0.0001	0.4578	0.0013
2017-05-11 10:00:00	1.4620	128.2500	0.1875	0.0357	0.0001	0.4578	0.0013
2017-05-11 10:15:00	0.0000	128.2500	0.0000	0.0357	0.0000	0.4578	0.0000
2017-05-11 10:30:00	0.0000	128.2500	0.0000	0.0357	0.0000	0.4578	0.0000
2017-05-11 10:45:00	0.0000	128.2500	0.0000	0.0365	0.0000	0.4578	0.0000
2017-05-11 11:00:00	0.0000	128.2500	0.0000	0.1293	0.0000	0.4578	0.0000
2017-05-11 11:15:00 2017-05-11 11:30:00	0.0373 0.0547	128.2500 128.2500	0.0048 0.0070	0.1140 0.2544	0.0000 0.0000	0.4578 0.4578	0.0000 0.0000
2017-05-11 11:30:00	0.0347	128.2500	0.0070	0.2544	0.0000	0.4578	0.0001
2017-05-11 12:00:00	0.8023	128.2500	0.1029	0.0852	0.0001	0.4578	0.0007
2017-05-11 12:15:00	0.7151	128.2500	0.0917	0.2384	0.0002	0.4578	0.0006
2017-05-11 12:30:00	1.8129	128.2500	0.2325	0.1509	0.0003	0.4578	0.0016
2017-05-11 12:45:00	1.0024	128.2500	0.1286	0.1915	0.0002	0.4578	0.0009
2017-05-11 13:00:00	0.0918	128.2500	0.0118	0.0629	0.0000	0.4578	0.0001
2017-05-11 13:15:00	0.0359	128.2500	0.0046	0.0515	0.0000	0.4578	0.0000
2017-05-11 13:30:00	0.0187	97.5355	0.0018	0.0515	0.0000	0.4578	0.0000
2017-05-11 13:45:00	0.2389	94.9852	0.0227	0.0515	0.0000	0.4578	0.0002
2017-05-11 14:00:00	2.4039	94.9852	0.2283	0.0515	0.0001	0.4578	0.0021
2017-05-11 14:15:00 2017-05-11 14:30:00	3.4820 1.0658	94.9852 94.9852	0.3307 0.1012	0.0515 0.0691	0.0002 0.0001	0.4578	0.0031 0.0009
2017-05-11 14:30:00	1.0658 0.0000	94.9852	0.1012	0.1689	0.0001	0.4578 0.4578	0.0009
2017-05-11 14:43:00	0.0000	94.9852	0.0000	0.1689	0.0000	0.4578	0.0000
2017-05-11 15:05:00	0.0000	94.9852	0.0000	0.1172	0.0000	0.4578	0.0000
2017-05-11 15:30:00	0.0000	94.9852	0.0000	0.0522	0.0000	0.4578	0.0000
2017-05-11 15:45:00	0.0602	94.9852	0.0057	0.0522	0.0000	0.4578	0.0001
2017-05-11 16:00:00	0.0181	94.9852	0.0017	0.0522	0.0000	0.4578	0.0000
2017-05-11 16:15:00	0.0187	94.9852	0.0018	0.0522	0.0000	0.4578	0.0000
2017-05-11 16:30:00	0.0000	94.9852	0.0000	0.0522	0.0000	0.4578	0.0000
2017-05-11 16:45:00	0.0556	94.9852	0.0053	0.0522	0.0000	0.4578	0.0000
2017-05-11 17:00:00	0.0000	94.9852	0.0000	0.0522	0.0000	0.4578	0.0000
2017-05-11 17:15:00	0.0000	94.9852	0.0000	0.0522	0.0000	0.4578	0.0000
2017-05-11 17:30:00	0.0000	94.9852	0.0000	0.0797	0.0000	0.4578	0.0000
2017-05-11 17:45:00	0.0000	94.9852	0.0000	0.1121	0.0000	0.4578	0.0000
2017-05-11 18:00:00 2017-05-11 18:15:00	0.0000 0.0000	94.9852 94.9852	0.0000 0.0000	0.0549 0.0549	0.0000 0.0000	0.4578 0.4578	0.0000 0.0000
2017-05-11 18:15:00	0.0000	94.9852	0.0000	0.0549	0.0000	0.4578	0.0000
2017-05-11 18:45:00	0.0190	94.9852	0.0017	0.0549	0.0000	0.4578	0.0000
2017-05-11 19:00:00	0.0183	94.9852	0.0017	0.0549	0.0000	0.4578	0.0000
2017-05-11 19:15:00	0.0563	94.9852	0.0054	0.0549	0.0000	0.4578	0.0001

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-11 19:30:00	0.0192	94.9852	0.0018	0.0549	0.0000	0.4578	0.0000
2017-05-11 19:45:00	0.0216	94.9852	0.0021	0.0549	0.0000	0.4578	0.0000
2017-05-11 20:00:00	0.0000	94.9852	0.0000	0.0549	0.0000	0.4578	0.0000
2017-05-11 20:15:00	0.1484	94.9852	0.0141	0.0549	0.0000	0.4578	0.0001
2017-05-11 20:30:00	0.0000	94.9852	0.0000	0.0549	0.0000	0.4578	0.0000
2017-05-11 20:45:00	0.0753	94.9852	0.0072	0.0549	0.0000	0.4578	0.0001
2017-05-11 21:00:00	0.8442	94.9852	0.0802	0.0549	0.0000	0.4578	0.0007
2017-05-11 21:15:00	0.6931	94.9852	0.0658	0.0549	0.0000	0.4578	0.0006
2017-05-11 21:30:00	0.0000	94.9852	0.0000	0.0549	0.0000	0.4578	0.0000
2017-05-11 21:45:00	0.1463	94.9852	0.0139	0.0549	0.0000	0.4578	0.0001
2017-05-11 22:00:00	1.0277	94.9852	0.0976	0.0549	0.0001	0.4578	0.0009
2017-05-11 22:15:00	2.7385	94.9852	0.2601	0.0549	0.0002	0.4578	0.0024
2017-05-11 22:30:00	1.4988	94.9852	0.1424	0.0549	0.0001	0.4578	0.0013
2017-05-11 22:45:00	0.8010	94.9852	0.0761	0.0549	0.0000	0.4578	0.0007
2017-05-11 23:00:00	0.7185	94.9852	0.0682	0.0549	0.0000	0.4578	0.0006
2017-05-11 23:15:00	0.4107	94.9852	0.0390	0.0549	0.0000	0.4578	0.0004
2017-05-11 23:30:00	0.1191	94.9852	0.0113	0.0840	0.0000	0.4578	0.0001
2017-05-11 23:45:00	0.0380	94.9852	0.0036	0.0552	0.0000	0.4578	0.0000
2017-05-12 00:00:00	0.0000	94.9852	0.0000	0.0989	0.0000	0.4578	0.0000
2017-05-12 00:15:00	0.0000	94.9852	0.0000	0.0917	0.0000	0.4578	0.0000
2017-05-12 00:30:00	0.0000	94.9852	0.0000	0.1401	0.0000	0.4578	0.0000
2017-05-12 00:45:00	0.0371	94.9852	0.0035	0.1409	0.0000	0.4578	0.0000
2017-05-12 01:00:00	0.0000	94.9852	0.0000 0.0000	0.0757 0.1275	0.0000	0.4578	0.0000
2017-05-12 01:15:00	0.0000 0.3145	94.9852 94.9852	0.0000	0.1275 0.1410	0.0000 0.0000	0.4578 0.4578	0.0000 0.0003
2017-05-12 01:30:00 2017-05-12 01:45:00	0.3145 0.0542	94.9852 94.9852	0.0299	0.1410	0.0000	0.4578	0.0003
2017-05-12 01:45:00 2017-05-12 02:00:00	0.0542	94.9852 94.9852	0.0052	0.2324	0.0000	0.4578	0.0000
2017-05-12 02:00:00	0.2188	94.9852	0.0208	0.2535	0.0000	0.4578	0.0001
2017-05-12 02:15:00	0.0000	94.9852	0.0208	0.1308	0.0000	0.4578	0.0002
2017-05-12 02:30:00	0.0000	94.9852	0.0000	0.0265	0.0000	0.4578	0.0000
2017-05-12 02:49:00	0.0419	94.9852	0.0040	0.0021	0.0000	0.4578	0.0000
2017-05-12 03:00:00	0.1021	94.9852	0.0040	0.0021	0.0000	0.4578	0.0001
2017-05-12 03:13:00	0.1963	94.9852	0.0186	0.0021	0.0000	0.4578	0.0001
2017-05-12 03:45:00	0.1133	94.9852	0.0108	0.0021	0.0000	0.4578	0.0001
2017-05-12 04:00:00	0.0184	94.9852	0.0017	0.0021	0.0000	0.4578	0.0000
2017-05-12 04:15:00	0.0000	94.9852	0.0000	0.0021	0.0000	0.4578	0.0000
2017-05-12 04:30:00	0.0000	94.9852	0.0000	0.0021	0.0000	0.4578	0.0000
2017-05-12 04:45:00	0.0000	94.9852	0.0000	0.0021	0.0000	0.4578	0.0000
2017-05-12 05:00:00	0.0194	94.9852	0.0018	0.0043	0.0000	0.4578	0.0000
2017-05-12 05:15:00	0.3878	94.9852	0.0368	0.0089	0.0000	0.4578	0.0003
2017-05-12 05:30:00	0.0184	94.9852	0.0017	0.0227	0.0000	0.4578	0.0000
2017-05-12 05:45:00	0.0368	94.9852	0.0035	0.0602	0.0000	0.4578	0.0000
2017-05-12 06:00:00	0.1267	94.9852	0.0120	0.1027	0.0000	0.4578	0.0001
2017-05-12 06:15:00	0.9142	94.9852	0.0868	0.1185	0.0001	0.4578	0.0008
2017-05-12 06:30:00	1.7241	94.9852	0.1638	0.1391	0.0002	0.4578	0.0015
2017-05-12 06:45:00	2.4285	94.9852	0.2307	0.0792	0.0002	0.4578	0.0022
2017-05-12 07:00:00	3.1924	94.9852	0.3032	0.0549	0.0002	0.4578	0.0028
2017-05-12 07:15:00	3.2932	94.9852	0.3128	0.0549	0.0002	0.4578	0.0029
2017-05-12 07:30:00	3.2932	94.9852	0.3128	0.1952	0.0006	0.4578	0.0029
2017-05-12 07:45:00	3.3482	94.9852	0.3180	0.2212	0.0007	0.4578	0.0030
2017-05-12 08:00:00	3.1860	94.9852	0.3026	0.2098	0.0007	0.4578	0.0028
2017-05-12 08:15:00	1.3091	94.9852	0.1243	0.0899	0.0001	0.4578	0.0012
2017-05-12 08:30:00	0.4403	94.9852	0.0418	0.0981	0.0000	0.4578	0.0004
2017-05-12 08:45:00	1.5528	94.9852	0.1475	0.0877	0.0001	0.4578	0.0014
2017-05-12 09:00:00	3.4976	94.9852	0.3322	0.0338	0.0001	0.4578	0.0031
2017-05-12 09:15:00	1.6540	94.9852	0.1571	0.0007	0.0000	0.4578	0.0015
2017-05-12 09:30:00	1.4456	94.9852	0.1373	0.0007	0.0000	0.4578	0.0013
2017-05-12 09:45:00	0.2360	94.9852	0.0224	0.0007	0.0000	0.4578	0.0002
2017-05-12 10:00:00	0.9087	94.9852	0.0863	0.0007	0.0000	0.4578	0.0008
2017-05-12 10:15:00	0.0000	94.9852	0.0000	0.0007	0.0000	0.4578	0.0000
2017-05-12 10:30:00	0.1331	94.9852	0.0126	0.0007	0.0000	0.4578	0.0001
2017-05-12 10:45:00	0.0000	94.9852	0.0000	0.0007	0.0000	0.4578	0.0000
2017-05-12 11:00:00	0.0000	94.9852	0.0000	0.0007	0.0000	0.4578	0.0000
2017-05-12 11:15:00	0.0926	94.9852	0.0088	0.0007	0.0000	0.4578	0.0001
2017-05-12 11:30:00	0.1700	94.9852	0.0161	0.0007	0.0000	0.4578	0.0002
2017-05-12 11:45:00	0.5349	94.9852	0.0508	0.0007	0.0000	0.4578	0.0005
2017-05-12 12:00:00	0.4072	94.9852	0.0387	0.0007	0.0000	0.4578	0.0004
2017-05-12 12:15:00	1.7442	94.9852	0.1657	0.0007	0.0000	0.4578	0.0015
2017-05-12 12:30:00	2.0540	94.9852	0.1951	0.0007	0.0000	0.4578	0.0018
2017-05-12 12:45:00	0.5867	94.9852	0.0557	0.0007	0.0000	0.4578	0.0005
2017-05-12 13:00:00	0.1814	94.9852	0.0172	0.0007	0.0000	0.4578	0.0002
	0.0000	94.9852	0.0000	0.0007	0.0000	0.4578	0.0000
2017-05-12 13:15:00	0.0000	34.3632	0.0000				
2017-05-12 13:15:00 2017-05-12 13:30:00	0.0000	94.9852	0.0000	0.0007	0.0000	0.4578	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-12 14:15:00	1.6651	94.9852	0.1582	0.0132	0.0000	0.4578	0.0015
2017-05-12 14:30:00	0.2881	94.9852	0.0274	0.0076	0.0000	0.4578	0.0003
2017-05-12 14:45:00	0.0371	94.9852	0.0035	0.0076	0.0000	0.4578	0.0000
2017-05-12 15:00:00	0.0000	94.9852	0.0000	0.0076	0.0000	0.4578	0.0000
2017-05-12 15:15:00	0.0000	94.9852	0.0000	0.0076	0.0000	0.4578	0.0000
2017-05-12 15:30:00	0.0000	94.9852	0.0000	0.0076	0.0000	0.4578	0.0000
2017-05-12 15:45:00	0.0000	93.8167	0.0000	0.0076	0.0000	0.4578	0.0000
2017-05-12 16:00:00	0.0215	62.1211	0.0013	0.0076	0.0000	0.4578	0.0000
2017-05-12 16:15:00	0.0550	62.1211	0.0034	0.0076	0.0000	0.4578	0.0000
2017-05-12 16:30:00	0.0000	62.1211	0.0000	0.0076	0.0000	0.4578	0.0000
2017-05-12 16:45:00	0.0191	62.1211	0.0012	0.0076	0.0000	0.4578	0.0000
2017-05-12 17:00:00	0.0000	62.1211	0.0000	0.0076	0.0000	0.4578	0.0000
2017-05-12 17:15:00	0.0000	62.1211	0.0000	0.0076	0.0000	0.4578	0.0000
2017-05-12 17:30:00	0.0000	62.1211	0.0000	0.0431	0.0000	0.4578	0.0000
2017-05-12 17:45:00	0.0000	62.1211	0.0000	0.0645	0.0000	0.3784	0.0000
2017-05-12 18:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 18:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 19:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 19:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 19:30:00	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2017-05-12 19:45:00 2017-05-12 20:00:00	0.0000 0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 20:00:00 2017-05-12 20:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
				0.0000			
2017-05-12 20:30:00 2017-05-12 20:45:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2017-05-12 20:43:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 21:13:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 22:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 22:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 22:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 23:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 23:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 23:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-12 23:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 00:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 00:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 00:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 00:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 01:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 01:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 01:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 01:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 02:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 02:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 02:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 03:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 03:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 03:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 03:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 04:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 04:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 04:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 04:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 05:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 05:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 05:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 05:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 06:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 06:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 06:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 06:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 07:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 07:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 07:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 07:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 08:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017 03 13 00.00.00							
2017-05-13 08:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N2	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-13 09:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 09:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 09:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 09:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 10:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 10:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 10:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 10:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 11:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 11:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 11:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 11:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 12:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 12:15:00	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-05-13 12:30:00	0.0000						
2017-05-13 12:45:00	0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2017-05-13 13:00:00	0.0000		0.0000	0.0000			0.0000
2017-05-13 13:15:00 2017-05-13 13:30:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
				0.0000			
2017-05-13 13:45:00 2017-05-13 14:00:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-05-13 14:00:00 2017-05-13 14:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 14:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 14:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 14:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 15:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 15:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 15:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 16:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 16:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 16:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 16:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 17:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 17:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 17:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 17:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 18:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 18:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 18:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 18:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 19:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 19:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 19:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 19:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 20:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 20:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 20:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 20:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 21:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 21:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 21:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 21:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 22:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 22:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 22:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 22:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 23:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 23:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 23:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-13 23:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-14 00:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-14 00:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-14 00:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-14 00:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-14 01:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-14 01:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-14 01:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-14 01:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-05-14 02:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	208.8618	0.0000
2017-05-14 02:15:00	0.0000	2694.9759	0.0000	0.0000	0.0000	34.6724	0.0000
2017-05-14 02:30:00	0.0000	1482.2362	0.0000	0.0000	0.0000	22.3390	0.0000
	0.0000	804.7830	0.0000	0.0000	0.0000	21.1182	0.0000
2017-05-14 02:45:00							
2017-05-14 02:45:00 2017-05-14 03:00:00	0.0000	93.3497	0.0000	0.0000	0.0000	21.1487	0.0000
			0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	21.1487 20.8435 20.7981	0.0000 0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-14 03:45:00	0.0000	29.2114	0.0000	0.0000	0.0000	20.8151	0.0000
2017-05-14 04:00:00	0.0000	26.9076	0.0000	0.0000	0.0000	21.0007	0.0000
2017-05-14 04:15:00	0.0000	73.0764	0.0000	0.0000	0.0000	20.4721	0.0000
2017-05-14 04:30:00	0.0000	48.5604	0.0000	0.0000	0.0000	20.5388	0.0000
2017-05-14 04:45:00	0.0000	41.6276	0.0000	0.0000	0.0000	20.7327	0.0000
2017-05-14 05:00:00	0.0000 0.0000	35.7203 44.7722	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	20.8220 20.2260	0.0000 0.0000
2017-05-14 05:15:00 2017-05-14 05:30:00	0.0000	31.8265	0.0000	0.0000	0.0000	20.2260	0.0000
2017-05-14 05:45:00	0.0000	39.5019	0.0000	0.0000	0.0000	20.8807	0.0000
2017-05-14 06:00:00	0.0000	57.9948	0.0000	0.0000	0.0000	21.1450	0.0000
2017-05-14 06:15:00	0.0000	34.3942	0.0000	0.0000	0.0000	20.8899	0.0000
2017-05-14 06:30:00	0.0000	39.3866	0.0000	0.0000	0.0000	21.1487	0.0000
2017-05-14 06:45:00	0.0000	40.6793	0.0000	0.0000	0.0000	21.3583	0.0000
2017-05-14 07:00:00	0.0000	49.1850	0.0000	0.0000	0.0000	21.5509	0.0000
2017-05-14 07:15:00	0.0000	62.3409	0.0000	0.0000	0.0000	21.2708	0.0000
2017-05-14 07:30:00	0.0000	23.6837	0.0000	0.0000	0.0000	20.4009	0.0000
2017-05-14 07:45:00	0.0000	47.5494	0.0000	0.0000	0.0000	20.3639	0.0000
2017-05-14 08:00:00	0.0000	40.0091	0.0000	0.0000	0.0000	20.6178	0.0000
2017-05-14 08:15:00	0.0000	43.4039	0.0000	0.0000	0.0000	20.6211	0.0000
2017-05-14 08:30:00	0.0000	38.5411	0.0000	0.0000	0.0000	20.6100	0.0000
2017-05-14 08:45:00	0.0000	42.7162	0.0000	0.0000	0.0000	20.3629	0.0000
2017-05-14 09:00:00	0.0000	38.8831	0.0000	0.0000	0.0000	20.4560	0.0000
2017-05-14 09:15:00	0.0000	38.5658	0.0000	0.0000	0.0000	21.1487	0.0000
2017-05-14 09:30:00	0.0000	44.3992	0.0000	0.0000	0.0000	21.2774	0.0000
2017-05-14 09:45:00	0.0000	52.8176	0.0000	0.0000	0.0000	20.3978	0.0000
2017-05-14 10:00:00	0.0000	37.3749	0.0000	0.0000	0.0000	20.5994	0.0000
2017-05-14 10:15:00	0.0000	39.9842	0.0000	0.0000	0.0000	20.8130	0.0000
2017-05-14 10:30:00	0.0000	45.2921	0.0000	0.0000	0.0000	20.5378	0.0000
2017-05-14 10:45:00	0.0000	46.8847	0.0000	0.0000	0.0000	19.9213	0.0000
2017-05-14 11:00:00	0.0000	35.9369	0.0000	0.0000	0.0000	19.5435	0.0000
2017-05-14 11:15:00	0.0000	33.8651	0.0000	0.0000	0.0000	19.4255	0.0000
2017-05-14 11:30:00	0.0000	33.1947	0.0000	0.0000	0.0000	19.5765	0.0000
2017-05-14 11:45:00	0.0000	42.8442	0.0000	0.0000	0.0000	19.1757	0.0000
2017-05-14 12:00:00	0.0000	34.6849	0.0000	0.0000	0.0000	19.5923	0.0000
2017-05-14 12:15:00	0.0000	46.0598	0.0000	0.0000	0.0000	19.2224	0.0000
2017-05-14 12:30:00	0.0000	36.1086	0.0000	0.0000	0.0000	19.0436	0.0000
2017-05-14 12:45:00	0.0000	28.9901	0.0000	0.0000	0.0000	19.3283	0.0000
2017-05-14 13:00:00	0.0000	39.2400	0.0000	0.0000 0.0000	0.0000 0.0000	19.3171 19.0393	0.0000 0.0000
2017-05-14 13:15:00 2017-05-14 13:30:00	0.0000 0.0000	39.6642 39.4963	0.0000 0.0000	0.0000	0.0000	18.5852	0.0000
2017-05-14 13:45:00	0.0000	41.4236	0.0000	0.0000	0.0000	18.5852	0.0000
2017-05-14 14:00:00	0.0000	37.4944	0.0000	0.0000	0.0000	18.5852	0.0000
2017-05-14 14:15:00	0.0000	40.6069	0.0000	0.1122	0.0000	18.7073	0.0000
2017-05-14 14:30:00	0.0000	42.7801	0.0000	0.0744	0.0000	19.1345	0.0000
2017-05-14 14:45:00	0.0000	42.9248	0.0000	0.0543	0.0000	19.1472	0.0000
2017-05-14 15:00:00	0.0000	35.6261	0.0000	0.0190	0.0000	19.6228	0.0000
2017-05-14 15:15:00	0.0000	44.9075	0.0000	0.0611	0.0000	19.1345	0.0000
2017-05-14 15:30:00	30.9940	36.3509	1.1267	0.0388	0.0012	19.3965	1.1663
2017-05-14 15:45:00	30.7496	39.6996	1.2207	0.0382	0.0012	19.9921	1.1926
2017-05-14 16:00:00	30.4892	34.7065	1.0582	0.0683	0.0021	19.6696	1.1634
2017-05-14 16:15:00	30.7267	44.3186	1.3618	0.0615	0.0019	19.5211	1.1636
2017-05-14 16:30:00	30.4150	37.7180	1.1472	0.0718	0.0022	20.1263	1.1876
2017-05-14 16:45:00	30.4343	39.0929	1.1898	0.0952	0.0029	20.8410	1.2305
2017-05-14 17:00:00	30.4995	47.9891	1.4636	0.1133	0.0035	21.3547	1.2635
2017-05-14 17:15:00	30.4191	43.6774	1.3286	0.0237	0.0007	21.6400	1.2770
2017-05-14 17:30:00	30.2729	46.4249	1.4054	0.0836	0.0025	22.2829	1.3087
2017-05-14 17:45:00	30.3085	47.6351	1.4437	0.2263	0.0069	21.8048	1.2821
2017-05-14 18:00:00	30.2765	35.6506	1.0794	0.4350	0.0132	21.6766	1.2732
2017-05-14 18:15:00	30.3006	44.0525	1.3348	0.3649	0.0111	22.0032	1.2934
2017-05-14 18:30:00	30.1843	44.9766	1.3576	0.3581	0.0108	22.1039	1.2943
2017-05-14 18:45:00	30.1928	33.2192	1.0030	0.4412	0.0133	21.9554	1.2860
2017-05-14 19:00:00	30.1761	43.6172	1.3162	0.4004	0.0121	22.1527	1.2969
2017-05-14 19:15:00	30.0944	38.7611	1.1665	0.3416	0.0103	21.7921	1.2723
2017-05-14 19:30:00	29.7669	39.7664	1.1837	0.4418	0.0132	21.6141	1.2482
2017-05-14 19:45:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-14 20:00:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-14 20:15:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-14 20:30:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-14 20:45:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-14 21:00:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-14 21:15:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-14 21:30:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-14 21:45:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-14 22:00:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-14 22:15:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388

Description Description			Point Source Air E	missions - A2 Nitric	Acid Stack			
2017-05-14-22-00-00	Parameter	Volumetric Flow Rate					N.	20
2007-05-54-22-05-000 2007-05-48-23-05-000 2007-05-4	Unit	m3/sec	mg/Nm3		mg/Nm3		ppmv	g/s
2017-91-14 28:0000								1.2388
2017/05-14/23/0000 25-5549 41.2805 1.2200 0.4758 0.0141 11.0064 2017/05-14/23/05 0.25549 41.2805 1.2200 0.4758 0.0141 11.0064 2017/05-15/03/23/05/000000 25-5549 41.2805 1.2200 0.4758 0.0141 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0141 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0141 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0141 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0141 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0141 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0141 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0041 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0044 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0044 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0044 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0044 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0044 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0044 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0044 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0044 21.0064 2017/05-15/03/2000 25-5549 41.2805 1.2200 0.4758 0.0044								1.2388
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2017-05-15 08:00:00 29.5549 41.2805 1.2200 0.4758 0.0141 21.6064 2017-05-15 08:15:00 29.5549 41.2805 1.2200 0.4758 0.0141 21.6064 2017-05-15 08:30:00 29.5549 41.2805 1.2200 0.4758 0.0141 21.6064 2017-05-15 08:30:00 29.5549 41.2805 1.2200 0.4758 0.0141 21.6064 2017-05-15 09:15:00 29.5549 41.2805 1.2200 0.4758 0.0141 21.6064 2017-05-15 09:15:00 29.5549 41.2805 1.2200 0.4758 0.0141 21.6064 2017-05-15 09:15:00 29.5549 41.2805 1.2200 0.4758 0.0141 21.6064 2017-05-15 09:15:00 0.0000 673.2337 0.0000 0.0000 0.0000 15.4826 2017-05-15 10:00:00 0.0000 673.2337 0.0000 0.0000 0.0000 0.0000 15.8742 2017-05-15 10:00:00 0.0000 573.1172 0.0000 0.0000 0.0000 23.8648 2017-05-15 10:45:00 0.0000 573.1172 0.0000 0.0000 0.0000 29.8916 2017-05-15 10:45:00 0.0000 573.3172 0.0000 0.0000 0.0000 29.8916 2017-05-15 11:15:00 0.0000 573.3172 0.0000 0.0000 0.0000 50.3029 2017-05-15 11:15:00 0.0000 540.0527 0.0000 0.0000 5.03029 2017-05-15 11:15:00 0.0000 540.0527 0.0000 0.0000 5.03029 2017-05-15 11:15:00 0.0000 540.0527 0.0000 0.0730 0.0000 5.28085 2017-05-15 12:00:00 0.0000 56.9883 0.0000 0.0742 0.0000 42.6119 2017-05-15 12:00:00 0.0000 56.9883 0.0000 0.0742 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.0249 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.0249 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.0249 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.0249 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.0249 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.0249 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.0249 0.0000 25.6348 2017-05-15 14:15:00 0.0000 0.0000 466.6937 0.0000 0.1559 0.0000 25	2017-05-15 07:30:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
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2017-05-15 08:30:00 29:5549 41:2805 1:2200 0.4758 0.0141 21:6064 2017-05-15 08:45:00 29:5549 41:2805 1:2200 0.4758 0.0141 21:6064 2017-05-15 09:00:00 29:5549 41:2805 1:2200 0.4758 0.0141 21:6064 2017-05-15 09:15:00 29:5549 41:2805 1:2200 0.4758 0.0141 21:6064 2017-05-15 09:15:00 29:5549 41:2805 1:2200 0.4758 0.0141 21:6064 2017-05-15 09:45:00 0.0000 7:6362 49:28207 3:7633 0.1539 0.0012 21:4784 2017-05-15 09:45:00 0.0000 600.3347 0.0000 0.0000 0.0000 19:8742 2017-05-15 10:00:00 0.0000 573:1172 0.0000 0.0000 0.0000 23:8648 2017-05-15 10:45:00 0.0000 573:1172 0.0000 0.0000 0.0000 29:8916 2017-05-15 10:45:00 0.0000 573:1172 0.0000 0.0000 0.0000 29:8916 2017-05-15 10:45:00 0.0000 570:3986 0.0000 0.0000 0.0000 50:3029 2017-05-15 11:30:00 0.0000 540:0527 0.0000 0.0730 0.0000 52:8085 2017-05-15 11:35:00 0.0000 540:0527 0.0000 0.02497 0.0000 42:6119 2017-05-15 12:15:00 0.0000 506:9883 0.0000 0.1730 0.0000 35:829 2017-05-15 12:15:00 0.0000 506:9883 0.0000 0.0742 0.0000 35:829 2017-05-15 13:30:00 0.0000 506:9883 0.0000 0.0249 0.0000 25:6348 2017-05-15 13:30:00 0.0000 506:9883 0.0000 0.0249 0.0000 25:6348 2017-05-15 13:30:00 0.0000 506:9883 0.0000 0.0249 0.0000 25:6348 2017-05-15 13:30:00 0.0000 506:9883 0.0000 0.0249 0.0000 25:6348 2017-05-15 13:30:00 0.0000 506:9883 0.0000 0.0243 0.0000 25:6348 2017-05-15 13:30:00 0.0000 506:9883 0.0000 0.0243 0.0000 25:6348 2017-05-15 13:30:00 0.0000 506:9883 0.0000 0.0249 0.0000 25:6348 2017-05-15 13:30:00 0.0000 506:9883 0.0000 0.0243 0.0000 25:6348 2017-05-15 13:30:00 0.0000 506:9883 0.0000 0.0243 0.0000 25:6348 2017-05-15 13:30:00 0.0000 466:6937 0.0000 0.0525 0.0000 25:6348 2017-05-15 14:45:00 0.0000 466:6937 0.0000 0.0525 0	2017-05-15 08:00:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-15 08:45:00	2017-05-15 08:15:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-15 09:00:00 29.5549 41.2805 1.2200 0.4758 0.0141 21.6064 2017-05-15 09:15:00 29.5549 41.2805 1.2200 0.4758 0.0141 21.6064 2017-05-15 09:30:00 7.6362 492.8207 3.7633 0.1539 0.0012 21.4784 2017-05-15 09:45:00 0.0000 673.2337 0.0000 0.0000 0.0000 19.4826 2017-05-15 10:00:00 0.0000 600.3347 0.0000 0.0000 0.0000 0.0000 23.8648 2017-05-15 10:15:00 0.0000 573.1172 0.0000 0.0000 0.0000 29.8916 2017-05-15 10:45:00 0.0000 573.1172 0.0000 0.0000 0.0000 29.8916 2017-05-15 11:45:00 0.0000 573.1172 0.0000 0.0000 0.0000 40.5461 2017-05-15 11:15:00 0.0000 570.3986 0.0000 0.0000 0.0000 50.3029 2017-05-15 11:15:00 0.0000 540.0527 0.0000 0.0730 0.0000 52.8085 2017-05-15 11:15:00 0.0000 540.0527 0.0000 0.03620 0.0000 42.6119 2017-05-15 12:00:00 0.0000 511.4704 0.0000 0.3620 0.0000 42.6119 2017-05-15 12:00:00 0.0000 506.9883 0.0000 0.0730 0.0000 35.9428 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.0742 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.0000 0.0000 25.6348 2017-05-15 13:15:00 0.0000 407.9953 0.0000 0.0599	2017-05-15 08:30:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-15 09:15:00	2017-05-15 08:45:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-15 09:30:00	2017-05-15 09:00:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-15 09:45:00	2017-05-15 09:15:00	29.5549	41.2805	1.2200	0.4758	0.0141	21.6064	1.2388
2017-05-15 10:00:00 0.0000 600.3347 0.0000 0.0000 0.0000 19.8742 2017-05-15 10:15:00 0.0000 573.1172 0.0000 0.0000 0.0000 23.8648 2017-05-15 10:30:00 0.0000 573.1172 0.0000 0.0000 0.0000 29.8916 2017-05-15 11:00:00 0.0000 570.3986 0.0000 0.0000 0.0000 50.000 50.000 50.3029 2017-05-15 11:15:00 0.0000 540.0527 0.0000 0.0730 0.0000 52.8085 2017-05-15 11:145:00 0.0000 540.0527 0.0000 0.2497 0.0000 48.9250 2017-05-15 11:145:00 0.0000 511.4704 0.0000 0.3620 0.0000 42.6119 2017-05-15 12:15:00 0.0000 566.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 12:245:00 0.0000 506.9883 0.0000 0.1290 0.0000 26.6239 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2499 0.0000 <td>2017-05-15 09:30:00</td> <td>7.6362</td> <td>492.8207</td> <td>3.7633</td> <td>0.1539</td> <td>0.0012</td> <td>21.4784</td> <td>0.3182</td>	2017-05-15 09:30:00	7.6362	492.8207	3.7633	0.1539	0.0012	21.4784	0.3182
2017-05-15 10:15:00	2017-05-15 09:45:00	0.0000	673.2337	0.0000	0.0000	0.0000	19.4826	0.0000
2017-05-15 10:30:00 0.0000 573.1172 0.0000 0.0000 29.8916 2017-05-15 10:45:00 0.0000 573.1172 0.0000 0.0000 0.0000 40.5461 2017-05-15 11:10:00 0.0000 570.3986 0.0000 0.0000 503.029 2017-05-15 11:15:00 0.0000 540.0527 0.0000 0.0730 0.0000 48.9250 2017-05-15 11:45:00 0.0000 540.0527 0.0000 0.2497 0.0000 42.6119 2017-05-15 12:00:00 0.0000 511.4704 0.0000 0.3620 0.0000 42.6119 2017-05-15 12:00:00 0.0000 506.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.1290 0.0000 26.6239 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:30:00 0.00	2017-05-15 10:00:00	0.0000	600.3347	0.0000	0.0000	0.0000	19.8742	0.0000
2017-05-15 10:45:00 0.0000 573.1172 0.0000 0.0000 40.5461 2017-05-15 11:00:00 0.0000 570.3986 0.0000 0.0000 50.3029 2017-05-15 11:15:00 0.0000 540.0527 0.0000 0.0730 0.0000 52.8085 2017-05-15 11:30:00 0.0000 540.0527 0.0000 0.2497 0.0000 48.9250 2017-05-15 11:45:00 0.0000 511.4704 0.0000 0.3620 0.0000 42.6119 2017-05-15 12:00:00 0.0000 506.9883 0.0000 0.1730 0.0000 35.9428 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 12:45:00 0.0000 506.9883 0.0000 0.1290 0.0000 26.6339 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2213 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:45:00 0.00	2017-05-15 10:15:00	0.0000	573.1172	0.0000	0.0000	0.0000	23.8648	0.0000
2017-05-15 11:00:00 0.0000 570.3986 0.0000 0.0000 50.3029 2017-05-15 11:15:00 0.0000 540.0527 0.0000 0.0730 0.0000 52.8085 2017-05-15 11:30:00 0.0000 540.0527 0.0000 0.2497 0.0000 48.9250 2017-05-15 11:45:00 0.0000 511.4704 0.0000 0.3620 0.0000 42.6119 2017-05-15 12:20:00 0.0000 506.9883 0.0000 0.1730 0.0000 35.9428 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.1290 0.0000 26.6239 2017-05-15 13:00:00 0.0000 506.9883 0.0000 0.2213 0.0000 25.6348 2017-05-15 13:00:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:	2017-05-15 10:30:00					0.0000		0.0000
2017-05-15 11:15:00 0.0000 540.0527 0.0000 0.0730 0.0000 52.8085 2017-05-15 11:30:00 0.0000 540.0527 0.0000 0.2497 0.0000 48.9250 2017-05-15 11:45:00 0.0000 511.4704 0.0000 0.3620 0.0000 42.6119 2017-05-15 12:15:00 0.0000 506.9883 0.0000 0.1730 0.0000 35.9428 2017-05-15 12:15:00 0.0000 506.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.1290 0.0000 26.6239 2017-05-15 13:00:00 0.0000 506.9883 0.0000 0.2213 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:31:5:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.7610 2017-05-15 14:15:00 0.0000 506.9883 0.0000 0.2443 0.0000 27.3322	2017-05-15 10:45:00					0.0000		0.0000
2017-05-15 11:30:00 0.0000 540.0527 0.0000 0.2497 0.0000 48.9250 2017-05-15 11:45:00 0.0000 511.4704 0.0000 0.3620 0.0000 42.6119 2017-05-15 12:00:00 0.0000 506.9883 0.0000 0.1730 0.0000 35.9428 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.1290 0.0000 26.6239 2017-05-15 12:45:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:35:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.7610 2017-05-15 13:35:00 0.0000 506.9883 0.0000 0.2449 0.0000 27.3322 2017-05-15 14:00:00 0.0000 506.9883 0.0000 0.1923 0.0000 29.2053								0.0000
2017-05-15 11:45:00 0.0000 511.4704 0.0000 0.3620 0.0000 42.6119 2017-05-15 12:00:00 0.0000 506.9883 0.0000 0.1730 0.0000 35.9428 2017-05-15 12:15:00 0.0000 506.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.1290 0.0000 26.6239 2017-05-15 13:00:00 0.0000 506.9883 0.0000 0.2413 0.0000 25.6348 2017-05-15 13:00:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.7610 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.2443 0.0000 27.3322 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.1923 0.0000 29.2053 2017-05-15 14:00:00 0.0000 506.9883 0.0000 0.1754 0.0000 29.2053								0.0000
2017-05-15 12:00:00 0.0000 506.9883 0.0000 0.1730 0.0000 35.9428 2017-05-15 12:15:00 0.0000 506.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.1290 0.0000 26.6239 2017-05-15 12:45:00 0.0000 506.9883 0.0000 0.2213 0.0000 25.6348 2017-05-15 13:00:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.2443 0.0000 27.3322 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.1923 0.0000 27.3322 2017-05-15 14:00:00 0.0000 506.9883 0.0000 0.1754 0.0000 29.2053 2017-05-15 14:00:00 0.0000 486.4883 0.0000 0.1754 0.0000 29.2053								0.0000
2017-05-15 12:15:00 0.0000 506.9883 0.0000 0.0742 0.0000 30.5829 2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.1290 0.0000 26.6239 2017-05-15 12:45:00 0.0000 506.9883 0.0000 0.2213 0.0000 25.6348 2017-05-15 13:00:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.7610 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.2443 0.0000 27.3322 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.1923 0.0000 29.2053 2017-05-15 14:00:00 0.0000 506.9883 0.0000 0.1754 0.0000 29.2053 2017-05-15 14:15:00 0.0000 486.4883 0.0000 0.0972 0.0000 29.2053 2017-05-15 14:45:00 0.0000 473.9238 0.0000 0.1520 0.0000 28.0761								0.0000
2017-05-15 12:30:00 0.0000 506.9883 0.0000 0.1290 0.0000 26.6239 2017-05-15 12:45:00 0.0000 506.9883 0.0000 0.2213 0.0000 25.6348 2017-05-15 13:00:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.7610 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.2443 0.0000 27.3322 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.1923 0.0000 29.2053 2017-05-15 14:00:00 0.0000 486.4883 0.0000 0.1754 0.0000 29.2053 2017-05-15 14:15:00 0.0000 473.9238 0.0000 0.1595 0.0000 29.2053 2017-05-15 14:45:00 0.0000 466.6937 0.0000 0.1589 0.0000 25.8787 2017-05-15 15:15:00 0.0000 422.5804 0.0000 0.1589 0.0000 21.3647								0.0000
2017-05-15 12:45:00 0.0000 506.9883 0.0000 0.2213 0.0000 25.6348 2017-05-15 13:00:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.7610 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2443 0.0000 27.3322 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.1923 0.0000 29.2053 2017-05-15 14:00:00 0.0000 506.9883 0.0000 0.1754 0.0000 29.2053 2017-05-15 14:10:00 0.0000 486.4883 0.0000 0.0972 0.0000 29.2053 2017-05-15 14:30:00 0.0000 473.9238 0.0000 0.1595 0.0000 28.0761 2017-05-15 14:45:00 0.0000 466.6937 0.0000 0.1589 0.0000 22.8194 2017-05-15 15:15:00 0.0000 422.5804 0.0000 0.2180 0.0000 21.3647								0.0000
2017-05-15 13:00:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.6348 2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.7610 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2443 0.0000 27.3322 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.1923 0.0000 29.2053 2017-05-15 14:00:00 0.0000 506.9883 0.0000 0.1754 0.0000 29.2053 2017-05-15 14:15:00 0.0000 486.4883 0.0000 0.0972 0.0000 29.2053 2017-05-15 14:30:00 0.0000 473.9238 0.0000 0.1595 0.0000 28.0761 2017-05-15 14:45:00 0.0000 466.6937 0.0000 0.1520 0.0000 25.8787 2017-05-15 15:15:00:00 0.0000 441.0598 0.0000 0.1589 0.0000 22.8194 2017-05-15 15:35:00 0.0000 407.9953 0.0000 0.2275 0.0000 19.5923								0.0000
2017-05-15 13:15:00 0.0000 506.9883 0.0000 0.2499 0.0000 25.7610 2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2443 0.0000 27.3322 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.1923 0.0000 29.2053 2017-05-15 14:00:00 0.0000 506.9883 0.0000 0.1754 0.0000 29.2053 2017-05-15 14:15:00 0.0000 486.4883 0.0000 0.0972 0.0000 29.2053 2017-05-15 14:30:00 0.0000 473.9238 0.0000 0.1595 0.0000 28.0761 2017-05-15 14:45:00 0.0000 466.6937 0.0000 0.1520 0.0000 25.8787 2017-05-15 15:15:00:00 0.0000 441.0598 0.0000 0.1589 0.0000 22.8194 2017-05-15 15:35:00 0.0000 407.9953 0.0000 0.2275 0.0000 19.5923 2017-05-15 15:45:00 0.0000 407.9953 0.0000 0.2440 0.0000 17.4416								0.0000
2017-05-15 13:30:00 0.0000 506.9883 0.0000 0.2443 0.0000 27.3322 2017-05-15 13:45:00 0.0000 506.9883 0.0000 0.1923 0.0000 29.2053 2017-05-15 14:00:00 0.0000 506.9883 0.0000 0.1754 0.0000 29.2053 2017-05-15 14:15:00 0.0000 486.4883 0.0000 0.0972 0.0000 29.2053 2017-05-15 14:30:00 0.0000 473.9238 0.0000 0.1595 0.0000 28.0761 2017-05-15 14:45:00 0.0000 466.6937 0.0000 0.1520 0.0000 25.8787 2017-05-15 15:15:00:00 0.0000 441.0598 0.0000 0.1589 0.0000 22.8194 2017-05-15 15:35:00 0.0000 407.9953 0.0000 0.2180 0.0000 21.3647 2017-05-15 15:45:00 0.0000 407.9953 0.0000 0.2440 0.0000 17.4416 2017-05-15 15:60:00 0.0000 407.9953 0.0000 0.1897 0.0000 15.0761								0.0000
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2017-05-15 14:00:00 0.0000 506.9883 0.0000 0.1754 0.0000 29.2053 2017-05-15 14:15:00 0.0000 486.4883 0.0000 0.0972 0.0000 29.2053 2017-05-15 14:30:00 0.0000 473.9238 0.0000 0.1595 0.0000 28.0761 2017-05-15 14:45:00 0.0000 466.6937 0.0000 0.1520 0.0000 25.8787 2017-05-15 15:00:00 0.0000 441.0598 0.0000 0.1589 0.0000 22.8194 2017-05-15 15:15:00 0.0000 422.5804 0.0000 0.2180 0.0000 21.3647 2017-05-15 15:30:00 0.0000 407.9953 0.0000 0.2275 0.0000 19.5923 2017-05-15 15:45:00 0.0000 407.9953 0.0000 0.2440 0.0000 17.4416 2017-05-15 16:00:00 0.0000 407.9953 0.0000 0.1897 0.0000 15.0761								0.0000
2017-05-15 14:15:00 0.0000 486.4883 0.0000 0.0972 0.0000 29.2053 2017-05-15 14:30:00 0.0000 473.9238 0.0000 0.1595 0.0000 28.0761 2017-05-15 14:45:00 0.0000 466.6937 0.0000 0.1520 0.0000 25.8787 2017-05-15 15:00:00 0.0000 441.0598 0.0000 0.1589 0.0000 22.8194 2017-05-15 15:15:00 0.0000 422.5804 0.0000 0.2180 0.0000 21.3647 2017-05-15 15:30:00 0.0000 407.9953 0.0000 0.2275 0.0000 17.4416 2017-05-15 16:00:00 0.0000 407.9953 0.0000 0.1897 0.0000 15.0761								0.0000
2017-05-15 14:30:00 0.0000 473.9238 0.0000 0.1595 0.0000 28.0761 2017-05-15 14:45:00 0.0000 466.6937 0.0000 0.1520 0.0000 25.8787 2017-05-15 15:00:00 0.0000 441.0598 0.0000 0.1589 0.0000 22.8194 2017-05-15 15:15:00 0.0000 422.5804 0.0000 0.2180 0.0000 21.3647 2017-05-15 15:30:00 0.0000 407.9953 0.0000 0.2275 0.0000 19.5923 2017-05-15 15:45:00 0.0000 407.9953 0.0000 0.2440 0.0000 17.4416 2017-05-15 16:00:00 0.0000 407.9953 0.0000 0.1897 0.0000 15.0761								0.0000
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2017-05-15 15:45:00 0.0000 407.9953 0.0000 0.2440 0.0000 17.4416 2017-05-15 16:00:00 0.0000 407.9953 0.0000 0.1897 0.0000 15.0761								0.0000
2017-05-15 16:00:00 0.0000 407.9953 0.0000 0.1897 0.0000 15.0761								0.0000
1 1 1 1 1 1 1								0.0000
. 2017-05-15 16:15:00 0.0000 292.9760 0.0000 0.4676 0.0000 42.0042								0.0000
	2017-05-15 16:15:00	0.0000	383.8460	0.0000	0.1676	0.0000	12.9912	0.0000
2017-05-15 16:30:00 0.0000 373.9289 0.0000 0.1194 0.0000 11.9336								0.0000
2017-05-15 16:45:00 0.0000 373.9289 0.0000 0.1298 0.0000 10.0708 2017-05-15 17:00:00 0.0000 373.9289 0.0000 0.1435 0.0000 9.3739								0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Эx	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-15 17:15:00	0.0000	373.9289	0.0000	0.1435	0.0000	8.2089	0.0000
2017-05-15 17:30:00	0.0000	373.9289	0.0000	0.0714	0.0000	6.5918	0.0000
2017-05-15 17:45:00	0.0000	373.9289	0.0000	0.0278	0.0000	6.5918	0.0000
2017-05-15 18:00:00	0.0000	373.9289	0.0000	0.0040	0.0000	6.5278	0.0000
2017-05-15 18:15:00	0.0000	358.0580	0.0000	0.0758	0.0000	5.0354	0.0000
2017-05-15 18:30:00	0.0000	340.8645	0.0000	0.0391	0.0000	5.0354	0.0000
2017-05-15 18:45:00	0.0000	340.8645	0.0000	0.0391	0.0000	5.0354	0.0000
2017-05-15 19:00:00	0.0000	340.8645	0.0000	0.4736	0.0000	3.9165	0.0000
2017-05-15 19:15:00	0.0000	340.8645	0.0000	0.5382	0.0000	3.4790	0.0000
2017-05-15 19:30:00	0.0000	340.8645	0.0000	0.4687	0.0000	3.4790	0.0000
2017-05-15 19:45:00	0.0000	340.8645	0.0000	0.4470	0.0000	3.4790	0.0000
2017-05-15 20:00:00	0.0000	340.8645	0.0000	0.3397	0.0000	3.0493	0.0000
2017-05-15 20:15:00	0.0000	430.1674	0.0000	0.1455	0.0000	1.4648	0.0000
2017-05-15 20:30:00	0.0000	398.0337	0.0000	0.0856	0.0000	1.4648	0.0000
2017-05-15 20:45:00	0.0000	369.7140	0.0000	0.2475	0.0000	1.4648	0.0000
2017-05-15 21:00:00	0.0000	339.2068	0.0000	0.1415	0.0000	1.4648	0.0000
2017-05-15 21:15:00	0.0000	296.7785	0.0000	0.0658	0.0000	1.4648	0.0000
2017-05-15 21:30:00	0.0000	1708.7652	0.0000	0.0466	0.0000	1.4648	0.0000
2017-05-15 21:45:00	0.0000	1264.9963	0.0000	0.0503	0.0000	1.4648	0.0000
2017-05-15 22:00:00	0.0000	523.0756	0.0000	0.0630	0.0000	1.4648	0.0000
2017-05-15 22:15:00	0.0000	338.1558	0.0000	0.0555	0.0000	1.4648	0.0000
2017-05-15 22:30:00	0.0000	275.3968	0.0000	0.0599	0.0000	1.4648	0.0000
2017-05-15 22:45:00	0.0000	261.9506	0.0000	0.1130	0.0000	2.3503	0.0000
2017-05-15 23:00:00	0.0000 0.0000	276.9398 276.9398	0.0000 0.0000	0.2249 0.3293	0.0000 0.0000	4.4341 5.7570	0.0000 0.0000
2017-05-15 23:15:00		276.9398 276.9398	0.0000	0.3293	0.0000		0.0000
2017-05-15 23:30:00 2017-05-15 23:45:00	0.0000 0.0000	276.9398 276.9398	0.0000	0.4256	0.0000	6.5918 6.5918	0.0000
2017-05-16 00:00:00	0.0000	276.9398	0.0000	0.6643	0.0000	6.5918	0.0000
2017-05-16 00:00:00	0.0000	290.5697	0.0000	0.6530	0.0000	6.5918	0.0000
2017-05-16 00:30:00	0.0000	310.0043	0.0000	0.6001	0.0000	6.5918	0.0000
2017-05-16 00:45:00	0.0000	310.0043	0.0000	0.6639	0.0000	6.5918	0.0000
2017-05-16 01:00:00	0.0000	310.0043	0.0000	0.6821	0.0000	5.2585	0.0000
2017-05-16 01:05:00	0.0000	330.2217	0.0000	0.6354	0.0000	5.0354	0.0000
2017-05-16 01:30:00	0.0000	344.2711	0.0000	0.6443	0.0000	4.6639	0.0000
2017-05-16 01:45:00	0.0000	344.2711	0.0000	0.6107	0.0000	3.0212	0.0000
2017-05-16 02:00:00	0.0000	371.5118	0.0000	0.6606	0.0000	3.0212	0.0000
2017-05-16 02:15:00	0.0000	377.1352	0.0000	0.6545	0.0000	1.8522	0.0000
2017-05-16 02:30:00	0.0000	377.1352	0.0000	0.6872	0.0000	1.4648	0.0000
2017-05-16 02:45:00	0.0000	377.1352	0.0000	0.6117	0.0000	1.4648	0.0000
2017-05-16 03:00:00	0.0000	377.1352	0.0000	0.6788	0.0000	1.4648	0.0000
2017-05-16 03:15:00	0.0000	377.1352	0.0000	0.6314	0.0000	1.4648	0.0000
2017-05-16 03:30:00	0.0000	377.1352	0.0000	0.5953	0.0000	1.4648	0.0000
2017-05-16 03:45:00	0.0000	377.1352	0.0000	0.5206	0.0000	1.4648	0.0000
2017-05-16 04:00:00	0.0000	524.0963	0.0000	0.3652	0.0000	1.4648	0.0000
2017-05-16 04:15:00	6.1252	612.6585	3.7527	0.0628	0.0004	17.7959	0.2115
2017-05-16 04:30:00	17.7654	113.4569	2.0156	0.0433	0.0008	0.5944	0.0205
2017-05-16 04:45:00	23.5220	107.5724	2.5303	0.0433	0.0010	0.4578	0.0209
2017-05-16 05:00:00	25.9492	105.2233	2.7305	0.0552	0.0014	0.4578	0.0230
2017-05-16 05:15:00	29.5286	2048.8883	60.5007	0.0549	0.0016	0.4578	0.0262
2017-05-16 05:30:00	29.5475	791.0607	23.3739	0.0549	0.0016	0.4578	0.0262
2017-05-16 05:45:00	29.8535	1057.1325	31.5591	0.0682	0.0020	0.4578	0.0265
2017-05-16 06:00:00	28.6696	819.6600	23.4993	0.1009	0.0029	118.3645	6.5833
2017-05-16 06:15:00	2.4489	2832.5716	6.9366	0.1264	0.0003	103.6097	0.4922
2017-05-16 06:30:00	0.0000	0.0000	0.0000	0.1715	0.0000	40.6321	0.0000
2017-05-16 06:45:00	0.0000	0.0000	0.0000	0.1901	0.0000	100.6475	0.0000
2017-05-16 07:00:00	0.0000	0.0000	0.0000	0.2284	0.0000	100.2492	0.0000
2017-05-16 07:15:00	0.0000	2914.0618	0.0000	0.1014	0.0000	58.7575	0.0000
2017-05-16 07:30:00	0.0000	1827.8130	0.0000	0.0433	0.0000	46.7957	0.0000
2017-05-16 07:45:00	0.0000	1119.1249	0.0000	0.0433	0.0000	63.5839	0.0000
2017-05-16 08:00:00	0.0000	834.7817	0.0000	0.0433	0.0000	69.4631	0.0000
2017-05-16 08:15:00	0.0000	680.7860	0.0000	0.0433	0.0000	60.8861	0.0000
2017-05-16 08:30:00	0.0000	630.4289	0.0000	0.0771	0.0000	43.2821	0.0000
2017-05-16 08:45:00	0.0000	630.4289	0.0000	0.2527	0.0000	34.4198	0.0000
2017-05-16 09:00:00	0.0000	532.2731	0.0000	0.3920	0.0000	31.0170	0.0000
2017-05-16 09:15:00	0.0000	450.8232	0.0000	0.3416	0.0000	41.7053	0.0000
2017-05-16 09:30:00	0.0000	373.4279	0.0000	0.0474	0.0000	55.4799	0.0000
2017-05-16 09:45:00	0.0000	379.3929	0.0000	0.0477	0.0000	65.4744	0.0000
2017-05-16 10:00:00	0.0000	404.5887	0.0000	0.0893	0.0000	65.1942	0.0000
2017-05-16 10:15:00	0.0000	404.5887	0.0000	0.1316	0.0000	52.7608	0.0000
2017-05-16 10:30:00	0.0000	404.5887	0.0000	0.1483	0.0000	44.7021	0.0000
2017-05-16 10:45:00	0.0000	404.5887	0.0000	0.1483	0.0000	43.7622	0.0000
2017 05 16 11,00,00	0.0000	404.5887	0.0000	0.0767	0.0000	42.9454	0.0000
2017-05-16 11:00:00					•	-	
2017-05-16 11:15:00	0.0000	404.5887	0.0000	0.0295	0.0000	39.9129	0.0000
	0.0000 0.0000	404.5887 427.3664	0.0000 0.0000	0.0295 0.0295	0.0000 0.0000	39.9129 35.1125	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-16 12:00:00	0.0000	437.6531	0.0000	0.0295	0.0000	25.1424	0.0000
2017-05-16 12:15:00	0.0000	437.6531	0.0000	0.0295	0.0000	20.5705	0.0000
2017-05-16 12:30:00	0.0000	437.6531	0.0000	0.0295	0.0000	16.6705	0.0000
2017-05-16 12:45:00	0.0000	437.6531	0.0000	0.0295	0.0000	13.4951	0.0000
2017-05-16 13:00:00	0.0000	430.8933	0.0000	0.0295	0.0000	10.5880	0.0000
2017-05-16 13:15:00	0.0000	404.5887	0.0000	0.0295	0.0000	8.4402	0.0000
2017-05-16 13:30:00	0.0000	404.5887	0.0000	0.0295	0.0000	6.9302	0.0000
2017-05-16 13:45:00	0.0000	404.5887	0.0000	0.0295	0.0000	5.4932	0.0000
2017-05-16 14:00:00	0.0000	404.5887	0.0000	0.0380	0.0000	5.4932	0.0000
2017-05-16 14:15:00	0.0000	404.5887	0.0000	0.0213	0.0000	4.2645	0.0000
2017-05-16 14:30:00	0.0000	404.5887	0.0000	0.0213	0.0000	3.4790	0.0000
2017-05-16 14:45:00	0.0000	404.5887	0.0000	0.0213	0.0000	3.2127	0.0000
2017-05-16 15:00:00	0.0000	373.9489	0.0000	0.0213	0.0000	1.4648	0.0000
2017-05-16 15:15:00	0.0000	350.3652	0.0000	0.0213	0.0000	1.4648	0.0000
2017-05-16 15:30:00	0.0000	337.4578	0.0000	0.0491	0.0000	1.4648	0.0000
2017-05-16 15:45:00	0.0000	329.5958	0.0000	0.0999	0.0000	1.4648	0.0000
2017-05-16 16:00:00	0.0000	304.3934	0.0000	0.0863	0.0000	1.4648	0.0000
2017-05-16 16:15:00	0.0000	304.3934	0.0000	0.1058	0.0000	1.4648	0.0000
2017-05-16 16:30:00	0.0000	292.1228	0.0000	0.1184	0.0000	1.4648	0.0000
2017-05-16 16:45:00	0.0000	271.3289	0.0000	0.0521	0.0000	1.4648	0.0000
2017-05-16 17:00:00	0.0000	271.3289	0.0000	0.1693	0.0000	1.4648	0.0000
2017-05-16 17:15:00 2017-05-16 17:30:00	0.0000	271.3289	0.0000	0.1989	0.0000	1.4648	0.0000
	0.0000 0.0000	271.3289 245.4652	0.0000 0.0000	0.2453 0.2509	0.0000 0.0000	1.4648 1.4648	0.0000 0.0000
2017-05-16 17:45:00 2017-05-16 18:00:00	0.0000	245.4652 238.2645	0.0000	0.2509	0.0000	1.4648	0.0000
2017-05-16 18:00:00	0.0000	238.2645	0.0000	0.2058	0.0000	1.4648	0.0000
2017-05-16 18:15:00	0.0000	238.2645 238.2645	0.0000	0.0882	0.0000	1.4648	0.0000
2017-05-16 18:45:00	0.0000	238.2645	0.0000	0.5674	0.0000	1.4648	0.0000
2017-05-16 19:00:00	0.0000	975.6617	0.0000	0.4907	0.0000	1.4648	0.0000
2017-05-16 19:05:00	0.0000	505.5784	0.0000	0.3741	0.0000	1.4648	0.0000
2017-05-16 19:30:00	0.0000	1336.7397	0.0000	0.2740	0.0000	1.4648	0.0000
2017-05-16 19:45:00	0.0000	715.6644	0.0000	0.4484	0.0000	1.4648	0.0000
2017-05-16 20:00:00	0.0000	1132.0492	0.0000	0.4663	0.0000	1.4648	0.0000
2017-05-16 20:15:00	0.0000	1115.9721	0.0000	0.4259	0.0000	1.4648	0.0000
2017-05-16 20:30:00	0.0000	807.0022	0.0000	0.4003	0.0000	1.4648	0.0000
2017-05-16 20:45:00	0.0000	904.1834	0.0000	0.1070	0.0000	1.4648	0.0000
2017-05-16 21:00:00	13.8933	533.0678	7.4061	0.1888	0.0026	1.4648	0.0395
2017-05-16 21:15:00	20.2260	282.2800	5.7094	0.1136	0.0023	1.4648	0.0575
2017-05-16 21:30:00	23.8017	62.1868	1.4801	0.3022	0.0023	1.4648	0.0676
2017-05-16 21:45:00	24.8232	74.1285	1.8401	0.3646	0.0091	1.4648	0.0705
2017-05-16 22:00:00	27.7488	115.0242	3.1918	0.4225	0.0117	1.4648	0.0789
2017-05-16 22:15:00	29.0032	242.3462	7.0288	0.4049	0.0117	1.4648	0.0824
2017-05-16 22:30:00	29.0555	205.6061	5.9740	0.2378	0.0069	1.4648	0.0826
2017-05-16 22:45:00	29.0930	169.2700	4.9246	0.1659	0.0048	1.4648	0.0827
2017-05-16 23:00:00	29.0508	143.4552	4.1675	0.1160	0.0034	1.4648	0.0826
2017-05-16 23:15:00	29.0900	131.4563	3.8241	0.1408	0.0041	1.4648	0.0827
2017-05-16 23:30:00	29.1147	104.6903	3.0480	0.1758	0.0051	1.4648	0.0827
2017-05-16 23:45:00	29.1554	98.5922	2.8745	0.1758	0.0051	1.4648	0.0829
2017-05-17 00:00:00	29.1450	98.5922	2.8735	0.1419	0.0041	1.4648	0.0828
2017-05-17 00:15:00	29.1664	98.5922	2.8756	0.1174	0.0034	1.4648	0.0829
2017-05-17 00:30:00	29.1645	98.5922	2.8754	0.1174	0.0034	1.4648	0.0829
2017-05-17 00:45:00	29.2586	93.9264	2.7482	0.1174	0.0034	1.4648	0.0831
2017-05-17 01:00:00	29.4245	58.8414	1.7314	0.1403	0.0041	1.4648	0.0836
2017-05-17 01:15:00	29.3995	32.4633	0.9544	0.1744	0.0051	1.4648	0.0835
2017-05-17 01:30:00	27.6916	93.7216	2.5953	0.1134	0.0031	206.3444	11.0852
2017-05-17 01:45:00	29.9915	738.9625	22.1626	0.0048	0.0001	53.7709	3.1286
2017-05-17 02:00:00	30.3279	410.1333	12.4385	0.7944	0.0241	21.8481	1.2855
2017-05-17 02:15:00	30.1752	108.4521	3.2726	11.0727	0.3341	21.2215	1.2423
2017-05-17 02:30:00	29.7674	93.9832	2.7976	8.3729	0.2492	19.5923	1.1314
2017-05-17 02:45:00	29.7018	120.8291	3.5888	1.3725	0.0408	19.7860	1.1401
2017-05-17 03:00:00	29.5362	90.0689	2.6603	10.7553	0.3177	21.1487	1.2118
2017-05-17 03:15:00	29.7719	87.5707	2.6071	8.6402	0.2572	21.1487	1.2215
2017-05-17 03:30:00	30.2782	139.2871	4.2174	0.6263	0.0190	22.4578	1.3192
2017-05-17 03:45:00	30.9934	157.5068	4.8817	9.5562	0.2962	22.2261	1.3364
2017-05-17 04:00:00	32.4317	106.7753	3.4629	11.2500	0.3649	21.4548	1.3499
2017-05-17 04:15:00	32.3296	105.2051	3.4012	11.1555	0.3607	21.7505	1.3642
2017-05-17 04:30:00	32.3491	105.2051	3.4033	2.4157	0.0781	21.1487	1.3272
2017-05-17 04:45:00	32.3086	105.2051	3.3990	6.3311	0.2045	21.8352	1.3686
2017-05-17 05:00:00	32.3251	105.2051	3.4008	1.7474	0.0565	22.7051	1.4238
2017-05-17 05:15:00	32.1749	105.2051	3.3850	0.4700	0.0151	22.7051	1.4172
2017-05-17 05:30:00	32.1393	105.2051	3.3812	0.3616	0.0116	22.7051	1.4157
			2 2772	1.0670	0.0343	22.7051	1.4142
2017-05-17 05:45:00	32.1070	105.2051	3.3778	1.0070	0.0343	22.7031	1.4142
	32.1070 32.2196	105.2051 105.2051	3.3778 3.3897	10.1944	0.3285	22.7051	1.4142
2017-05-17 05:45:00							

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-17 06:45:00	32.3026	72.1406	2.3303	11.2486	0.3634	24.7192	1.5491
2017-05-17 07:00:00	32.1862	72.1406	2.3219	11.2486	0.3621	24.7192	1.5435
2017-05-17 07:15:00	32.2182	72.1406	2.3242	11.2486	0.3624	24.7192	1.5450
2017-05-17 07:30:00	31.7772	72.1406	2.2924	11.2486	0.3574	23.4465	1.4454
2017-05-17 07:45:00	31.5799	72.1406	2.2782	11.2486	0.3552	21.7258	1.3310
2017-05-17 08:00:00	31.6358	72.1406	2.2822	10.1163	0.3200	21.6064	1.3261
2017-05-17 08:15:00	31.5608	72.1406	2.2768	4.3108	0.1361	21.4014	1.3104
2017-05-17 08:30:00	31.6512	72.1406	2.2833	1.8163	0.0575	19.6838	1.2087
2017-05-17 08:45:00	31.6318	72.1406	2.2819	0.7353	0.0233	19.6838	1.2079
2017-05-17 09:00:00	31.7718	96.9757	3.0811	0.4270	0.0136	19.6838	1.2133
2017-05-17 09:15:00	31.6735	105.2051	3.3322	0.4501	0.0143	19.6838	1.2095
2017-05-17 09:30:00	31.7192	76.5125	2.4269	1.3764	0.0437	19.6838	1.2112
2017-05-17 09:45:00	31.7558	72.1406	2.2909	4.7738	0.1516	19.6838	1.2126
2017-05-17 10:00:00	31.7355	72.1406	2.2894	8.8704	0.2815	20.1559	1.2409
2017-05-17 10:15:00	31.5088	72.1406	2.2731	10.8583	0.3421	21.6064	1.3207
2017-05-17 10:30:00	31.6094	72.1406	2.2803	8.8321	0.2792	21.6064	1.3250
2017-05-17 10:45:00	31.5343	72.1406	2.2749	5.0527	0.1593	21.6064	1.3218
2017-05-17 11:00:00	31.5791	72.1406	2.2781	2.0451	0.0646	21.6064	1.3237
2017-05-17 11:15:00	31.6564	72.1406	2.2837	0.9722	0.0308	21.6064	1.3269
2017-05-17 11:30:00	31.6773	72.1406	2.2852	0.6370	0.0202	21.6064	1.3278
2017-05-17 11:45:00 2017-05-17 12:00:00	31.7417	72.1406 72.1406	2.2899	0.5408 0.4782	0.0172	21.6064	1.3305
	31.8645		2.2987		0.0152	21.6064	1.3356
2017-05-17 12:15:00 2017-05-17 12:30:00	31.8713	72.1406 72.1406	2.2992	0.3397	0.0108	21.6064	1.3359
	31.8442 31.8372	72.1406 72.1406	2.2973 2.2968	0.3780 1.4607	0.0120 0.0465	21.6064 21.6064	1.3348
2017-05-17 12:45:00 2017-05-17 13:00:00	31.8372 31.9456	72.1406 84.0082	2.2968	2.2603	0.0465	21.6064	1.3345 1.3390
2017-05-17 13:00:00	31.7462	106.4330	3.3788	10.1277	0.3215	21.6064	1.3390
2017-05-17 13:30:00	31.7127	79.3338	2.5159	11.2500	0.3568	21.7432	1.3377
2017-05-17 13:45:00	31.7338	68.1468	2.1626	11.2500	0.3570	21.7719	1.3404
2017-05-17 13:45:00	31.9318	71.5392	2.2844	11.2500	0.3592	21.6064	1.3385
2017-05-17 14:15:00	32.0499	72.1800	2.3134	11.2500	0.3606	21.5179	1.3379
2017-05-17 14:30:00	31.9605	68.2433	2.1811	11.2500	0.3596	21.1650	1.3123
2017-05-17 14:45:00	31.7286	70.5172	2.2374	11.2500	0.3569	21.6064	1.3300
2017-05-17 15:00:00	31.7350	68.6053	2.1772	11.2500	0.3570	21.1884	1.3045
2017-05-17 15:15:00	31.7248	67.4352	2.1394	11.2500	0.3569	21.2875	1.3102
2017-05-17 15:30:00	31.7173	69.3042	2.1981	11.2500	0.3568	21.6064	1.3295
2017-05-17 15:45:00	31.8192	72.1406	2.2955	11.2500	0.3580	21.4986	1.3271
2017-05-17 16:00:00	31.8835	73.6233	2.3474	11.2500	0.3587	21.5642	1.3338
2017-05-17 16:15:00	31.8740	71.8095	2.2889	11.2500	0.3586	21.6064	1.3360
2017-05-17 16:30:00	31.7781	75.2745	2.3921	11.2500	0.3575	21.6064	1.3320
2017-05-17 16:45:00	31.9184	72.8496	2.3252	11.2500	0.3591	21.6064	1.3379
2017-05-17 17:00:00	31.8744	75.9790	2.4218	11.2500	0.3586	21.6766	1.3404
2017-05-17 17:15:00	31.6894	74.6976	2.3671	11.2500	0.3565	22.1558	1.3621
2017-05-17 17:30:00	31.6533	72.0182	2.2796	11.2500	0.3561	22.5184	1.3828
2017-05-17 17:45:00	31.5960	73.6133	2.3259	11.2500	0.3555	22.8583	1.4011
2017-05-17 18:00:00	31.7485	71.5038	2.2701	11.2500	0.3572	23.1628	1.4266
2017-05-17 18:15:00	31.9380	70.6604	2.2567	11.2500	0.3593	22.6154	1.4012
2017-05-17 18:30:00	32.2944	69.2935	2.2378	11.2500	0.3633	22.6135	1.4168
2017-05-17 18:45:00	32.0940	68.4283	2.1961	11.2500	0.3611	22.6135	1.4080
2017-05-17 19:00:00	32.2061	66.2358	2.1332	11.2500	0.3623	22.6135	1.4129
2017-05-17 19:15:00	32.5456	63.6848	2.0727	11.2500	0.3661	22.8906	1.4453
2017-05-17 19:30:00	32.6591	64.9853	2.1224	11.2482	0.3674	23.7321	1.5036
2017-05-17 19:45:00	32.6179	66.4377	2.1671	5.5489	0.1810	23.6206	1.4947
2017-05-17 20:00:00	32.6520	73.4846	2.3994	0.8954	0.0292	23.6206	1.4962
2017-05-17 20:15:00	32.6504	90.9074	2.9682	0.3154	0.0103	23.7372	1.5036
2017-05-17 20:30:00	32.6301	84.3159	2.7512	0.2779	0.0091	23.6206	1.4952
2017-05-17 20:45:00	32.5756	69.8484	2.2754	0.3221	0.0105	23.6206	1.4927
2017-05-17 21:00:00	32.5405	71.4700	2.3257	0.2333	0.0076	23.6251	1.4914
2017-05-17 21:15:00	32.4591	67.0298	2.1757	0.2239	0.0073	23.8505	1.5019
2017-05-17 21:30:00	32.5268	70.1367	2.2813	0.2494	0.0081	24.1699	1.5252
2017-05-17 21:45:00	32.7836	73.9582	2.4246	0.3108	0.0102	23.8688	1.5181
2017-05-17 22:00:00	32.5885	79.1051	2.5779	0.1815	0.0059	23.2703	1.4712
2017-05-17 22:15:00	32.5963	67.9959	2.2164	0.0909	0.0030	23.1628	1.4647
2017-05-17 22:30:00	32.6348	64.0021	2.0887	0.0047	0.0002	23.4656	1.4856
2017-05-17 22:45:00	32.5457	86.6487	2.8200	0.0082	0.0003	23.7198	1.4976
2017-05-17 23:00:00	32.2962	72.4408	2.3396	0.0014	0.0000	24.1699	1.5144
2017-05-17 23:15:00	32.3354	71.2066	2.3025	0.0151	0.0005	24.1699	1.5162
2017-05-17 23:30:00	32.4982	67.0794	2.1800	0.0487	0.0016	24.1699	1.5238
2017-05-17 23:45:00	32.5958	73.0404	2.3808	0.0244	0.0008	23.9911	1.5171
2017-05-18 00:00:00	32.4975	74.3369	2.4158	0.0199	0.0006	23.6206	1.4892
2017-05-18 00:15:00	32.5638	80.6232	2.6254	0.0228	0.0007	23.6206	1.4922
2017-05-18 00:30:00	32.7584	68.3245	2.2382	0.0650	0.0021	23.6206	1.5011
2017-05-18 00:45:00	32.6294	67.4887	2.2021	0.2594	0.0085	23.6206	1.4952
2017-05-18 01:00:00	32.4935 32.5176	66.3226	2.1551	0.9689	0.0315	23.9894	1.5122
2017-05-18 01:15:00		64.0442	2.0826	0.1127	0.0037	24.1699	1.5247

Parameter			missions - A2 Nitric				
	Volumetric Flow Rate	N	Ox	NH3		N2	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-18 01:30:00	32.1331	71.6706	2.3030	0.0031	0.0001	23.6475	1.4741
2017-05-18 01:45:00	32.0686	74.6444	2.3937	0.0018	0.0001	23.6206	1.4695
2017-05-18 02:00:00	32.2444	76.7570	2.4750	0.0037	0.0001	23.6206	1.4776
2017-05-18 02:15:00	32.0749	77.4761	2.4850	0.0019	0.0001	23.6206	1.4698
2017-05-18 02:30:00	32.7068	68.5913	2.2434	0.0010	0.0000	23.6206	1.4988
2017-05-18 02:45:00	32.6765	73.7046	2.4084	0.0033	0.0001	23.2107	1.4714
2017-05-18 03:00:00	32.8439	71.3221	2.3425	0.0012	0.0000	23.1628	1.4759
2017-05-18 03:15:00 2017-05-18 03:30:00	32.6769 32.3762	70.2692 66.4397	2.2962 2.1511	0.0053 0.0014	0.0002 0.0000	23.6145 23.7671	1.4970 1.4928
2017-05-18 03:30:00	31.9344	69.3686	2.1511	0.0014	0.0000	24.1699	1.4928
2017-05-18 04:00:00	31.8530	66.1725	2.2132	0.0000	0.0000	24.1699	1.4936
2017-05-18 04:00:00	31.5985	69.1430	2.1848	0.0000	0.0000	24.4843	1.5009
2017-05-18 04:30:00	31.6158	66.1378	2.0910	0.0486	0.0015	24.2702	1.4886
2017-05-18 04:45:00	31.9270	65.6676	2.0966	0.5376	0.0172	24.5239	1.5190
2017-05-18 05:00:00	32.2391	65.0210	2.0962	1.1781	0.0380	24.5509	1.5355
2017-05-18 05:15:00	32.1255	65.0927	2.0911	0.0393	0.0013	24.1699	1.5064
2017-05-18 05:30:00	32.1744	89.7988	2.8892	0.0001	0.0000	24.4086	1.5235
2017-05-18 05:45:00	32.0209	96.7127	3.0968	0.0000	0.0000	24.4092	1.5163
2017-05-18 06:00:00	31.7004	78.0257	2.4734	0.0000	0.0000	23.7186	1.4587
2017-05-18 06:15:00	31.7357	71.8623	2.2806	0.0009	0.0000	23.5046	1.4471
2017-05-18 06:30:00	31.7400	68.9277	2.1878	0.0190	0.0006	23.7595	1.4630
2017-05-18 06:45:00	31.8553	62.4736	1.9901	0.6258	0.0199	24.1699	1.4937
2017-05-18 07:00:00	31.9907	63.7587	2.0397	1.2378	0.0396	24.1699	1.5000
2017-05-18 07:15:00	31.8763	65.3543	2.0833	1.1183	0.0356	24.1699	1.4947
2017-05-18 07:30:00	31.8259	61.2365	1.9489	0.5719	0.0182	24.1699	1.4923
2017-05-18 07:45:00	32.0340	66.2013	2.1207	0.4938	0.0158	24.2419	1.5065
2017-05-18 08:00:00	31.9634	66.5800	2.1281	0.2299	0.0073	24.1699	1.4988
2017-05-18 08:15:00	31.8721	70.9447	2.2612	0.0357	0.0011	24.1699	1.4945
2017-05-18 08:30:00	31.7569	73.6792	2.3398	0.0041	0.0001	23.7223	1.4615
2017-05-18 08:45:00	31.7453	73.0535	2.3191	0.0092	0.0003	23.7122	1.4603
2017-05-18 09:00:00	31.7836	70.3474	2.2359	0.0010	0.0000	23.1836	1.4295
2017-05-18 09:15:00	31.6306	70.2184	2.2210	0.0097	0.0003	23.1628	1.4213
2017-05-18 09:30:00	31.7756	69.2764	2.2013	0.0568	0.0018	22.8694	1.4098
2017-05-18 09:45:00	31.9128	69.1107	2.2055	0.6198	0.0198	22.7051	1.4057
2017-05-18 10:00:00	31.8306	67.2331	2.1401	1.9687	0.0627	23.0672	1.4244
2017-05-18 10:15:00	31.8353	53.5896	1.7060	1.2215	0.0389	23.1628	1.4305
2017-05-18 10:30:00	31.6464	59.7380	1.8905	0.0875	0.0028	23.1628	1.4221
2017-05-18 10:45:00	31.7037	71.2905	2.2602	0.0369	0.0012	22.6251	1.3916
2017-05-18 11:00:00	31.7196	67.9979	2.1569	2.7846	0.0883	22.7991	1.4030
2017-05-18 11:15:00	31.7153	66.9516	2.1234	0.4029	0.0128	23.1628	1.4252
2017-05-18 11:30:00	31.7158	68.3519	2.1678	0.0172	0.0005	22.8369	1.4051
2017-05-18 11:45:00	31.7796	69.4398	2.2068	0.0052	0.0002	23.0040	1.4183
2017-05-18 12:00:00	31.8309	69.7359	2.2198	0.0000	0.0000	22.5240	1.3909
2017-05-18 12:15:00	31.7693	69.7359	2.2155	0.0000	0.0000	22.6135	1.3937
2017-05-18 12:30:00	31.8185	69.8125	2.2213	0.0000	0.0000	22.3479	1.3795
2017-05-18 12:45:00	31.9171	70.5544	2.2519	0.0000	0.0000	23.5799	1.4600
2017-05-18 13:00:00	31.9456	68.8395	2.1991	0.0000	0.0000	23.2559	1.4413
2017-05-18 13:15:00	31.8498	67.2324	2.1413	0.0002	0.0000	22.8395	1.4112
2017-05-18 13:30:00	31.7242	70.8784	2.2486	0.0001	0.0000	22.1558	1.3636
2017-05-18 13:45:00	31.7634	74.3418	2.3613	0.0000	0.0000	22.1558	1.3653
2017-05-18 14:00:00	31.8122	73.6235	2.3421	0.0000	0.0000	22.4085	1.3830
2017-05-18 14:15:00	31.9883	72.9921	2.3349	0.0000	0.0000	22.1558	1.3749
2017-05-18 14:30:00	31.9506	71.2288	2.2758	0.0000	0.0000	22.1558	1.3733
2017-05-18 14:45:00	31.8602	71.0812	2.2647	0.0058	0.0002	22.0520	1.3630
2017-05-18 15:00:00	31.8005	71.2816	2.2668	0.0190	0.0006	22.1558	1.3669
2017-05-18 15:15:00	31.7975	70.2436	2.2336	0.1323	0.0042	22.3429	1.3783
2017-05-18 15:30:00	31.7730	70.3794	2.2362	0.1396	0.0044	22.0929	1.3618
2017-05-18 15:45:00	31.8348	71.1115	2.2638	0.1810	0.0058	22.1326	1.3669
2017-05-18 16:00:00	32.1157	73.2817	2.3535	0.2141	0.0069	21.8683	1.3625
2017-05-18 16:15:00	32.0068	75.8398 74.2425	2.4274	0.2243	0.0072	22.1008	1.3723
2017-05-18 16:30:00 2017-05-18 16:45:00	31.9702 31.9075	74.2425 73.1225	2.3735 2.3332	0.2506 0.2127	0.0080 0.0068	22.1558 22.5189	1.3742 1.3939
2017-05-18 16:45:00	32.0215	73.1225	2.3332	0.2127	0.0068	22.6825	1.3939
2017-05-18 17:00:00	32.3941	70.9211	2.2990	0.3165	0.0103	23.1628	1.4557
2017-05-18 17:15:00	32.3947	68.5472	2.2206	1.2597	0.0408	23.1244	1.4537
2017-05-18 17:30:00	32.5813	69.2149	2.2551	1.0910	0.0355	23.8935	1.5103
2017-05-18 17:43:00	32.4346	66.6655	2.1623	1.2746	0.0413	24.0552	1.5136
2017-05-18 18:05:00	32.6462	64.7582	2.1023	0.3612	0.0413	22.8939	1.4500
2017-05-18 18:30:00	32.8723	68.6229	2.2558	0.1579	0.0052	22.6849	1.4467
2017-05-18 18:45:00	32.8880	72.2684	2.3768	0.1379	0.0045	23.1628	1.4779
2017-05-18 19:00:00	32.9901	71.8723	2.3711	0.1234	0.0041	23.6732	1.5151
	32.9637	70.6421	2.3286	0.1234	0.0041	23.8385	1.5245
2017-05-18 19:15:00			1				
2017-05-18 19:15:00 2017-05-18 19:30:00	32.8304	71.2335	2.3386	0.1011	0.0033	23.6069	1.5035
2017-05-18 19:15:00 2017-05-18 19:30:00 2017-05-18 19:45:00	32.8304 32.9413	71.2335 71.2081	2.3386 2.3457	0.1011 0.0960	0.0033 0.0032	23.6069 23.3763	1.5035 1.4939

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-18 20:15:00	33.0197	64.5875	2.1327	1.4479	0.0478	24.6277	1.5776
2017-05-18 20:30:00	33.1347	63.2277	2.0950	2.0544	0.0681	24.4502	1.5717
2017-05-18 20:45:00	33.0683	62.7049	2.0735	1.7453	0.0577	24.0540	1.5431
2017-05-18 21:00:00	33.0659	62.3228	2.0608	2.2075	0.0730	24.1699	1.5505
2017-05-18 21:15:00	32.8965	62.2868	2.0490	3.0789	0.1013	24.0631	1.5357
2017-05-18 21:30:00	33.0322	62.1211	2.0520	4.1686	0.1377	24.6808	1.5816
2017-05-18 21:45:00	33.1048	62.2333	2.0602	2.4180	0.0800	24.7192	1.5876
2017-05-18 22:00:00	33.0759	62.4123	2.0643	1.5669	0.0518	24.5068	1.5725
2017-05-18 22:15:00	33.0851	62.1211	2.0553	1.7061	0.0564	24.3427	1.5624
2017-05-18 22:30:00	33.1170	61.8383	2.0479	1.8222	0.0603	24.2944	1.5608
2017-05-18 22:45:00	33.1635	62.5780	2.0753	2.0872	0.0692	25.3166	1.6288
2017-05-18 23:00:00	33.1036	62.1558	2.0576	1.0082	0.0334	24.6112	1.5806
2017-05-18 23:15:00	33.0939	62.7797	2.0776	0.4350	0.0144	24.6698	1.5839
2017-05-18 23:30:00	32.9460	62.6809	2.0651	0.3430	0.0113	24.2450	1.5496
2017-05-18 23:45:00	32.7360	63.9613	2.0938	0.1811	0.0059	23.9532	1.5212
2017-05-19 00:00:00	32.2920	70.8791	2.2888	0.0164	0.0005	23.6243	1.4800
2017-05-19 00:15:00	32.3347	76.4299	2.4713	0.0136	0.0004	23.6450	1.4832
2017-05-19 00:30:00	32.3783	73.5574	2.3817	0.0044	0.0001	23.7122	1.4895
2017-05-19 00:45:00	32.5988	73.1426	2.3844	0.0129	0.0004	23.7122	1.4996
2017-05-19 01:00:00	32.3889	79.6815	2.5808	0.0061	0.0002	23.7122	1.4899
2017-05-19 01:15:00	32.5019	83.9855	2.7297	0.0164	0.0005	23.9960	1.5130
2017-05-19 01:30:00	32.4486 32.7850	81.6964 72.8389	2.6509	0.0142	0.0005	23.9278	1.5063
2017-05-19 01:45:00 2017-05-19 02:00:00	32.7850 32.7851	72.8389 72.4913	2.3880 2.3766	0.0209 0.0637	0.0007 0.0021	24.1699 23.9578	1.5373 1.5238
	32.7851						
2017-05-19 02:15:00 2017-05-19 02:30:00	32.6358 32.2917	80.3221 84.1051	2.6214 2.7159	0.0722 0.0769	0.0024 0.0025	23.7122 23.5838	1.5013 1.4774
2017-05-19 02:30:00	32.1791	84.2413		0.0769	0.0023	23.6206	1.4774
2017-05-19 02:45:00	31.8822	75.6662	2.7108 2.4124	0.0001	0.0002	23.9923	1.4746
2017-05-19 03:00:00	31.8452	79.7604	2.4124	0.0001	0.0000	23.9923	1.4840
2017-05-19 03:13:00	31.6424	79.2200	2.5067	0.0002	0.0000	24.1055	1.4736
2017-05-19 03:45:00	31.9995	75.5272	2.4168	0.0000	0.0000	24.0784	1.4948
2017-05-19 04:00:00	32.1582	70.9296	2.2810	0.0048	0.0002	24.1699	1.5079
2017-05-19 04:05:00	32.3396	68.9074	2.2284	0.0078	0.0002	24.1174	1.5131
2017-05-19 04:30:00	32.4244	73.0736	2.3694	0.0657	0.0021	24.4495	1.5380
2017-05-19 04:45:00	32.4969	70.6753	2.2967	0.0734	0.0021	24.8232	1.5650
2017-05-19 05:00:00	32.3410	71.2502	2.3043	0.1580	0.0051	25.2234	1.5826
2017-05-19 05:15:00	32.1177	67.6432	2.1725	0.7626	0.0245	25.2057	1.5705
2017-05-19 05:30:00	31.8366	64.9386	2.0674	0.6558	0.0209	25.0239	1.5456
2017-05-19 05:45:00	31.9675	63.6819	2.0358	1.1434	0.0366	25.1587	1.5603
2017-05-19 06:00:00	32.0534	62.4658	2.0022	2.0913	0.0670	25.0707	1.5590
2017-05-19 06:15:00	32.0924	62.2440	1.9976	2.9367	0.0942	24.8871	1.5494
2017-05-19 06:30:00	32.1131	62.5112	2.0074	1.6544	0.0531	24.4684	1.5244
2017-05-19 06:45:00	32.0744	64.0827	2.0554	0.1650	0.0053	23.9080	1.4877
2017-05-19 07:00:00	31.9871	65.5277	2.0960	0.2843	0.0091	23.7396	1.4732
2017-05-19 07:15:00	31.9857	65.0789	2.0816	0.1510	0.0048	23.7157	1.4716
2017-05-19 07:30:00	31.8906	64.7732	2.0657	0.6209	0.0198	24.1699	1.4953
2017-05-19 07:45:00	31.9503	64.2221	2.0519	0.3415	0.0109	24.0499	1.4907
2017-05-19 08:00:00	31.9277	69.6337	2.2232	0.0797	0.0025	24.6222	1.5251
2017-05-19 08:15:00	32.0555	67.7953	2.1732	0.7688	0.0246	24.7192	1.5372
2017-05-19 08:30:00	32.1218	65.6457	2.1087	1.7384	0.0558	24.7192	1.5404
2017-05-19 08:45:00	31.8627	65.5277	2.0879	0.3173	0.0101	24.7192	1.5280
2017-05-19 09:00:00	31.7548	66.3872	2.1081	0.0109	0.0003	24.1895	1.4902
2017-05-19 09:15:00	31.7568	66.5297	2.1128	0.0002	0.0000	24.1699	1.4891
2017-05-19 09:30:00	31.7657	67.7445	2.1520	0.0037	0.0001	23.9405	1.4753
2017-05-19 09:45:00	31.7313	69.8586	2.2167	0.0019	0.0001	23.7122	1.4597
2017-05-19 10:00:00	31.6279	76.8213	2.4297	0.0001	0.0000	23.9670	1.4706
2017-05-19 10:15:00	31.6207	78.5703	2.4844	0.0000	0.0000	23.6510	1.4509
2017-05-19 10:30:00	31.5913	80.9191	2.5563	0.0000	0.0000	23.1628	1.4196
2017-05-19 10:45:00	31.7058	78.4122	2.4861	0.0000	0.0000	23.5515	1.4486
2017-05-19 11:00:00	31.6826	72.2733	2.2898	0.0000	0.0000	24.1510	1.4844
2017-05-19 11:15:00	31.6562	71.8109	2.2733	0.0000	0.0000	23.9197	1.4690
2017-05-19 11:30:00	31.6548	72.6031	2.2982	0.0000	0.0000	23.6206	1.4506
2017-05-19 11:45:00	31.7684	68.3733	2.1721	0.0000	0.0000	24.0112	1.4798
2017-05-19 12:00:00	31.8526	66.0755	2.1047	0.5202	0.0166	24.0271	1.4847
2017-05-19 12:15:00	31.6902	65.3273	2.0702	0.2439	0.0077	23.3917	1.4381
2017-05-19 12:30:00	31.6647	66.4179	2.1031	0.0183	0.0006	23.1628	1.4229
2017-05-19 12:45:00	31.7586	65.7096	2.0868	0.0230	0.0007	23.4396	1.4442
2017-05-19 13:00:00	31.8100	62.9641	2.0029	1.0984	0.0349	24.3388	1.5020
2017-05-19 13:15:00	31.6854	62.1211	1.9683	1.2598	0.0399	23.9899	1.4747
2017-05-19 13:30:00	31.7283	62.1211	1.9710	0.6765	0.0215	23.6206	1.4539
2017-05-19 13:45:00	31.7983	62.4195	1.9848	0.8796	0.0280	23.4792	1.4484
2017-05-19 14:00:00	32.0098	63.1320	2.0208	0.9972	0.0319	23.2285	1.4425
2017-05-19 14:15:00	32.2703	65.3719	2.1096	0.2504	0.0081	22.6935	1.4207
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2017-05-19 14:30:00	32.0724	67.2417	2.1566	0.1442	0.0046	22.3251	1.3891

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-19 15:00:00	31.9943	67.0320	2.1446	0.1574	0.0050	22.3557	1.3876
2017-05-19 15:15:00	32.1989	66.9011	2.1541	0.2061	0.0066	22.8573	1.4278
2017-05-19 15:30:00	32.1223	68.8665	2.2121	0.2330	0.0075	23.1628	1.4434
2017-05-19 15:45:00	32.0782	73.7682	2.3664 2.5821	0.2046 0.1263	0.0066 0.0041	23.1628	1.4415
2017-05-19 16:00:00 2017-05-19 16:15:00	32.4224 32.5421	79.6381 75.8503	2.5821	0.1263	0.0041	23.1628 23.1097	1.4569 1.4590
2017-05-19 16:30:00	32.7310	73.8303	2.3706	0.1014	0.0031	23.1628	1.4708
2017-05-19 16:45:00	32.8010	69.5565	2.2815	0.2373	0.0078	23.1628	1.4739
2017-05-19 17:00:00	32.7622	68.7340	2.2519	0.3487	0.0114	23.1628	1.4722
2017-05-19 17:15:00	32.8118	68.1310	2.2355	0.6300	0.0207	23.2325	1.4789
2017-05-19 17:30:00	32.8036	66.2703	2.1739	0.8234	0.0270	23.6033	1.5021
2017-05-19 17:45:00	32.6813	64.0371	2.0928	1.4712	0.0481	23.5547	1.4934
2017-05-19 18:00:00	32.7328	63.3680	2.0742	2.9411	0.0963	23.9497	1.5208
2017-05-19 18:15:00	32.7945	63.0656	2.0682	7.5195	0.2466	24.4922	1.5582
2017-05-19 18:30:00	32.8271	62.7330	2.0593	7.5743	0.2486	24.7192	1.5742
2017-05-19 18:45:00	32.9081	62.3188	2.0508	9.8657	0.3247	24.7904	1.5827
2017-05-19 19:00:00	32.9561	62.1278	2.0475	11.2500	0.3708	25.0707	1.6029
2017-05-19 19:15:00	32.8674	62.6728	2.0599	11.2500	0.3698	25.1689	1.6048
2017-05-19 19:30:00	32.8113 32.6894	61.2280 56.6613	2.0090 1.8522	10.1634 9.2709	0.3335 0.3031	24.7192 24.7396	1.5735 1.5689
2017-05-19 19:45:00 2017-05-19 20:00:00	32.6658	64.5438	2.1084	11.1862	0.3654	26.3040	1.6669
2017-05-19 20:15:00	32.5807	61.6669	2.0091	11.2500	0.3665	27.0208	1.7079
2017-05-19 20:30:00	32.6171	57.5745	1.8779	11.2500	0.3669	25.4400	1.6098
2017-05-19 20:45:00	32.6747	61.2837	2.0024	11.2500	0.3676	26.1883	1.6600
2017-05-19 21:00:00	32.6521	64.3254	2.1004	11.2500	0.3673	26.6077	1.6855
2017-05-19 21:15:00	32.2411	64.3254	2.0739	11.2500	0.3627	26.7858	1.6754
2017-05-19 21:30:00	32.0978	63.5717	2.0405	11.2500	0.3611	25.8300	1.6084
2017-05-19 21:45:00	32.3981	63.2246	2.0484	11.2500	0.3645	25.7663	1.6195
2017-05-19 22:00:00	32.8457	63.2860	2.0787	11.2500	0.3695	27.1880	1.7324
2017-05-19 22:15:00	32.6821	62.4003	2.0394	11.2500	0.3677	27.3871	1.7364
2017-05-19 22:30:00	32.3704	62.1211	2.0109	11.2500	0.3642	27.5176	1.7281
2017-05-19 22:45:00	32.2532	62.1211	2.0036	11.2500	0.3628	26.9417	1.6858
2017-05-19 23:00:00	32.3214	61.7359	1.9954	11.2500	0.3636	25.9729	1.6286
2017-05-19 23:15:00	32.5155	61.2750	1.9924	11.2500	0.3658	26.0087	1.6406
2017-05-19 23:30:00	32.7500	61.6591	2.0193	11.2500	0.3684	26.5332	1.6858
2017-05-19 23:45:00 2017-05-20 00:00:00	32.7014 32.6714	62.8185 63.2112	2.0542 2.0652	11.2500 11.2500	0.3679 0.3676	25.9434 25.2539	1.6459 1.6007
2017-05-20 00:00:00	32.7303	63.0640	2.0641	11.2500	0.3682	25.1770	1.5987
2017-05-20 00:30:00	32.7021	63.3234	2.0708	11.2500	0.3679	25.1770	1.5973
2017-05-20 00:45:00	32.7041	63.5969	2.0799	11.2500	0.3679	25.0185	1.5873
2017-05-20 01:00:00	32.6835	63.5416	2.0768	11.2500	0.3677	24.7192	1.5673
2017-05-20 01:15:00	32.6888	63.1591	2.0646	11.2500	0.3677	25.0365	1.5877
2017-05-20 01:30:00	32.6641	62.1398	2.0297	11.2500	0.3675	25.8911	1.6407
2017-05-20 01:45:00	32.7981	62.8599	2.0617	11.2500	0.3690	26.1302	1.6626
2017-05-20 02:00:00	32.7601	62.5339	2.0486	11.2500	0.3686	25.7263	1.6350
2017-05-20 02:15:00	32.9255	62.1211	2.0454	11.2500	0.3704	26.0651	1.6649
2017-05-20 02:30:00	32.7583	62.4778	2.0467	11.2500	0.3685	25.6281	1.6287
2017-05-20 02:45:00	32.6654	62.7784	2.0507	11.2500	0.3675	25.1770	1.5955
2017-05-20 03:00:00	32.6901	62.1211	2.0307	11.2500	0.3678	25.3107	1.6052
2017-05-20 03:15:00 2017-05-20 03:30:00	32.6923	62.1211	2.0309	11.2500	0.3678	25.7263	1.6316
2017-05-20 03:30:00	32.5652 32.6825	62.1211 62.1211	2.0230 2.0303	11.2500 11.2500	0.3664 0.3677	25.6812 25.1770	1.6224 1.5963
2017-05-20 03:45:00	32.7277	62.1211	2.0303	11.2500	0.3682	25.1770	1.5985
2017-05-20 04:00:00	32.6560	62.3282	2.0351	11.2500	0.3674	25.1770	1.5950
2017-05-20 04:30:00	32.1354	62.1211	1.9963	11.2500	0.3615	25.4688	1.5878
2017-05-20 04:45:00	32.0725	62.2320	1.9959	11.2500	0.3608	25.7263	1.6007
2017-05-20 05:00:00	32.2213	62.1211	2.0016	10.4552	0.3369	25.7013	1.6066
2017-05-20 05:15:00	32.2960	62.7851	2.0277	8.1100	0.2619	25.1770	1.5774
2017-05-20 05:30:00	32.3289	62.3749	2.0165	4.0653	0.1314	25.1770	1.5791
2017-05-20 05:45:00	32.2340	62.5446	2.0161	1.1618	0.0374	25.3888	1.5877
2017-05-20 06:00:00	32.2434	63.9776	2.0629	0.3561	0.0115	25.7263	1.6092
2017-05-20 06:15:00	32.4210	67.6445	2.1931	0.0829	0.0027	25.3235	1.5928
2017-05-20 06:30:00	32.3233	72.1544	2.3323	0.0068	0.0002	25.2338	1.5823
2017-05-20 06:45:00	32.5134	72.3018	2.3508	0.0001	0.0000	26.2622	1.6565
2017-05-20 07:00:00	32.6819	68.3448	2.2336	0.0000	0.0000	26.7334	1.6950
2017-05-20 07:15:00 2017-05-20 07:30:00	32.6585 32.8117	68.2956 72.0213	2.2304 2.3631	0.0000 0.0000	0.0000 0.0000	26.3361 25.9415	1.6686 1.6513
2017-05-20 07:30:00	32.9137	72.0213	2.3631	0.0000	0.0000	25.9415	1.6688
2017-05-20 07:45:00	32.8461	69.8836	2.2954	0.0000	0.0000	25.3326	1.6142
2017-05-20 08:00:00	32.8503	69.0991	2.2699	0.0000	0.0000	25.0229	1.5947
2017-05-20 08:30:00	32.8222	159.7543	5.2435	0.0050	0.0002	24.7192	1.5740
2017-05-20 08:45:00	32.7331	74.2510	2.4305	0.7326	0.0240	24.7192	1.5697
2017-05-20 09:00:00	32.7799	98.6708	3.2344	2.9240	0.0958	24.6088	1.5649
2017-05-20 09:00:00 2017-05-20 09:15:00	32.7799 32.6947	98.6708 67.5947	3.2344 2.2100	4.8488	0.0958	25.2422	1.6011

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-20 09:45:00	32.8058	67.3036	2.2079	1.2132	0.0398	24.2267	1.5419
2017-05-20 10:00:00	32.8640	67.5316	2.2194	0.6614	0.0217	24.2238	1.5444
2017-05-20 10:15:00	32.6289	67.9342	2.2166	0.4735	0.0155	24.4939	1.5505
2017-05-20 10:30:00	32.5378	71.6214	2.3304	0.4305	0.0140	23.8538	1.5057
2017-05-20 10:45:00	32.5224	79.4335	2.5834	0.3810	0.0124	23.5560	1.4862
2017-05-20 11:00:00	32.4791	85.9800	2.7926	0.2295	0.0075	23.4889	1.4800
2017-05-20 11:15:00	32.6226	85.1224	2.7769	0.0752	0.0025	23.5240	1.4888
2017-05-20 11:30:00	32.4652	77.7195	2.5232	0.0017	0.0001	24.4068	1.5372
2017-05-20 11:45:00	32.5496	71.8990	2.3403	0.0023	0.0001	24.9243	1.5739
2017-05-20 12:00:00	32.5711	71.0351	2.3137	0.0660	0.0021	24.7137	1.5616
2017-05-20 12:15:00	32.5702	74.8167	2.4368	0.1005	0.0033	24.6221	1.5558
2017-05-20 12:30:00	32.5650	87.5640	2.8515	0.0493	0.0016	23.9160	1.5109
2017-05-20 12:45:00	32.5033	95.7250	3.1114	0.0050	0.0002	23.1163	1.4576
2017-05-20 13:00:00	32.5463	97.9302	3.1873	0.0000	0.0000	22.7844	1.4386
2017-05-20 13:15:00	32.3945	87.5805	2.8371	0.0014	0.0000	22.6752	1.4250
2017-05-20 13:30:00	32.2100	90.2473	2.9069	0.0000	0.0000	22.6910	1.4179
2017-05-20 13:45:00	32.2535	85.6318	2.7619	0.0010	0.0000	23.1628	1.4493
2017-05-20 14:00:00	32.2759	77.6710	2.5069	0.0010	0.0000	23.2290	1.4545
2017-05-20 14:15:00 2017-05-20 14:30:00	32.3664	75.5415 79.0156	2.4450	0.0054	0.0002	23.3485	1.4661
	32.1790	79.8590	2.5426	0.0059	0.0002 0.0002	23.1628	1.4460
2017-05-20 14:45:00 2017-05-20 15:00:00	32.1368 31.9313	79.8590 78.9446	2.5664 2.5208	0.0056 0.0262	0.0002	23.1628 23.2620	1.4441 1.4410
2017-05-20 15:00:00	31.9313	79.7555	2.5208	0.0262	0.0008	23.2620	1.4410
2017-05-20 15:15:00	31.9346	79.7333 80.3126	2.5470	0.0192	0.0008	22.6135	1.4214
2017-05-20 15:30:00	31.8623	78.7306	2.5085	0.0394	0.0013	22.9120	1.4026
2017-05-20 15:43:00	31.8529	76.2083	2.4275	0.0153	0.0005	22.8931	1.4103
2017-05-20 16:00:00	31.9170	79.3943	2.5340	0.0133	0.0003	22.6135	1.4147
2017-05-20 16:30:00	32.0077	78.4817	2.5120	0.0181	0.0007	23.0196	1.4294
2017-05-20 16:45:00	31.9799	72.8585	2.3300	0.0192	0.0006	23.5657	1.4620
2017-05-20 17:00:00	32.2220	71.1609	2.2929	0.0679	0.0022	23.8590	1.4914
2017-05-20 17:15:00	32.2206	79.6217	2.5655	0.1116	0.0036	24.7742	1.5486
2017-05-20 17:30:00	32.2085	86.3617	2.7816	0.1560	0.0050	24.4436	1.5273
2017-05-20 17:45:00	31.9284	71.8452	2.2939	0.1645	0.0053	24.8148	1.5371
2017-05-20 18:00:00	31.8823	68.1747	2.1736	0.8052	0.0257	23.3330	1.4432
2017-05-20 18:15:00	31.7973	67.0146	2.1309	0.4037	0.0128	23.3221	1.4387
2017-05-20 18:30:00	31.8130	68.4891	2.1788	0.1381	0.0044	23.7122	1.4634
2017-05-20 18:45:00	31.8280	68.9945	2.1960	0.1545	0.0049	23.7122	1.4641
2017-05-20 19:00:00	31.8421	71.3958	2.2734	0.1236	0.0039	23.7122	1.4648
2017-05-20 19:15:00	31.7669	77.3735	2.4579	0.1274	0.0040	23.7396	1.4630
2017-05-20 19:30:00	31.8141	74.3111	2.3641	0.1376	0.0044	24.1699	1.4918
2017-05-20 19:45:00	31.8318	74.9728	2.3865	0.1438	0.0046	24.1699	1.4926
2017-05-20 20:00:00	31.8021	74.8049	2.3790	0.1676	0.0053	24.1699	1.4912
2017-05-20 20:15:00	31.9219	71.2671	2.2750	0.2134	0.0068	24.1699	1.4968
2017-05-20 20:30:00	32.0557	70.4186	2.2573	0.1710	0.0055	24.1699	1.5031
2017-05-20 20:45:00	32.0621	74.2262	2.3799	0.0842	0.0027	25.0066	1.5554
2017-05-20 21:00:00	31.9827	80.0111	2.5590	0.0043	0.0001	26.2641	1.6296
2017-05-20 21:15:00	31.7948	75.3478	2.3957	0.0145	0.0005	26.2766	1.6208
2017-05-20 21:30:00	31.7242	73.1613	2.3210	0.0253	0.0008	24.9583	1.5361
2017-05-20 21:45:00	31.6978	74.1065	2.3490	0.0012	0.0000	25.1770	1.5482
2017-05-20 22:00:00	31.6764	77.9896	2.4704	0.0198	0.0006	25.1770	1.5472
2017-05-20 22:15:00	31.6923	78.4601	2.4866	0.0889	0.0028	25.1099	1.5438
2017-05-20 22:30:00	31.7170	78.8277	2.5002	0.0891	0.0028	24.7192	1.5210
2017-05-20 22:45:00	31.6107	75.5315	2.3876	0.1266	0.0040	25.1353	1.5414
2017-05-20 23:00:00	31.6774	69.7796	2.2104	0.1758	0.0056	25.4156	1.5619
2017-05-20 23:15:00	31.7329	68.3633	2.1694	0.2190	0.0069	25.1770	1.5499
2017-05-20 23:30:00	31.7312	74.4393	2.3620	0.1898	0.0060	25.0295	1.5408
2017-05-20 23:45:00	31.7912	81.2865	2.5842	0.1237	0.0039	25.5548	1.5761
2017-05-21 00:00:00	31.8242	70.8301	2.2541	0.1398	0.0045	25.8753	1.5975
2017-05-21 00:15:00	31.9540	68.7340	2.1963	0.0835	0.0027	25.7263	1.5948
2017-05-21 00:30:00	32.0689	71.5105	2.2933	0.0894	0.0029	25.7833	1.6041
2017-05-21 00:45:00	31.8729	74.4369	2.3725	0.1526	0.0049	26.0144	1.6086
2017-05-21 01:00:00	31.9233	85.2206	2.7205	0.1156	0.0037	24.7401	1.5322
2017-05-21 01:15:00	31.9853	78.0631	2.4969	0.2135	0.0068	25.2446	1.5665
2017-05-21 01:30:00	31.8457	68.1177	2.1693	0.3702	0.0118	25.8601	1.5977
2017-05-21 01:45:00	31.9532	65.7348	2.1004	0.8928	0.0285	26.0198	1.6129
2017-05-21 02:00:00	32.0301	66.5907	2.1329	0.3682	0.0118	25.4199	1.5796
2017-05-21 02:15:00	32.0740	77.4272	2.4834	0.2838	0.0091	25.1770	1.5666
2017-05-21 02:30:00	32.1172	84.4943	2.7137	0.3105	0.0100	25.7233	1.6027
2017-05-21 02:45:00	32.1183	73.8664	2.3725	0.3401	0.0109	25.7399	1.6038
2017-05-21 03:00:00	32.0890	76.9217	2.4683	0.3952	0.0127	25.1770	1.5673
2017-05-21 03:15:00	32.0457	77.8393	2.4944	0.3984	0.0128	25.3674	1.5771
2017-05-21 03:30:00	32.0622	69.6282	2.2324	0.4029	0.0129	26.1052	1.6238
2017-05-21 03:45:00	32.2885	67.9436	2.1938	0.6519	0.0210	25.7194	1.6111
2017-05-21 04:00:00	32.2568	72.8745	2.3507	0.4146	0.0134	25.9918	1.6265
2017-05-21 04:15:00	32.4676	80.0427	2.5988	0.2793	0.0091	26.5253	1.6708

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-21 04:30:00	32.3236	71.1015	2.2983	0.2055	0.0066	26.4862	1.6609
2017-05-21 04:45:00	32.2768	70.8735	2.2876	0.1623	0.0052	26.1841	1.6396
2017-05-21 05:00:00	32.1453	75.2209	2.4180	0.1023	0.0033	26.1841	1.6329
2017-05-21 05:15:00	32.4738	76.0028	2.4681	0.1627	0.0053	25.9425	1.6344
2017-05-21 05:30:00	32.6578	78.4961	2.5635	0.0873	0.0029	25.4767	1.6141
2017-05-21 05:45:00	32.6636	78.4647	2.5629	0.0256	0.0008	25.1770	1.5954
2017-05-21 06:00:00	32.7082	72.0854	2.3578	0.0284	0.0009	25.3575	1.6090
2017-05-21 06:15:00	32.8632	68.0286	2.2356	0.3671	0.0121	25.7263	1.6402
2017-05-21 06:30:00	32.8156	66.4208	2.1796	0.3199	0.0105	25.7263	1.6378
2017-05-21 06:45:00	32.7465	68.1081	2.2303	0.0005	0.0000	25.7263	1.6343
2017-05-21 07:00:00	32.5243	70.4019	2.2898	0.0000	0.0000	26.2274	1.6549
2017-05-21 07:15:00	32.3481	72.8861	2.3577	0.0000	0.0000	25.7849	1.6181
2017-05-21 07:30:00	31.8519	81.9094	2.6090	0.0000	0.0000	24.7289	1.5281
2017-05-21 07:45:00	31.7296	79.1590	2.5117	0.0000	0.0000	24.7192	1.5216
2017-05-21 08:00:00	31.8072	71.0449	2.2597	0.0742	0.0024	24.6771	1.5227
2017-05-21 08:15:00	31.9601	66.7194	2.1324	0.8709	0.0278	24.4012	1.5129
2017-05-21 08:30:00	32.2425	63.4149	2.0447	0.8599	0.0277	25.1907	1.5757
2017-05-21 08:45:00	32.3810	63.2179	2.0471	1.1894	0.0385	26.1841	1.6449
2017-05-21 09:00:00	32.3756	82.5596	2.6729	2.7536	0.0891	26.4288	1.6600
2017-05-21 09:15:00	32.0204	108.2481	3.4661	2.2520	0.0721	25.5267	1.5857
2017-05-21 09:30:00 2017-05-21 09:45:00	31.7969 31.7478	63.9856 85.3094	2.0345 2.7084	0.5906	0.0188	24.9506	1.5391
				0.2653	0.0084	24.6277	1.5168
2017-05-21 10:00:00 2017-05-21 10:15:00	31.6647 31.8339	89.0478 80.3762	2.8197 2.5587	0.2324 0.2406	0.0074 0.0077	24.4949 23.5145	1.5047 1.4522
2017-05-21 10:15:00	32.1490	78.9650	2.5387	0.2406	0.0077	23.1628	1.4522
2017-05-21 10:45:00	32.3231	72.6536	2.3484	0.2756	0.0089	23.5591	1.4440
2017-05-21 11:00:00	32.4482	67.5328	2.1913	0.2730	0.0089	23.6206	1.4773
2017-05-21 11:15:00	32.4789	71.0222	2.3067	0.1610	0.0052	23.6206	1.4883
2017-05-21 11:13:00	32.5129	82.2940	2.6756	0.1010	0.0032	23.8397	1.5037
2017-05-21 11:45:00	32.8272	85.5410	2.8081	0.8657	0.0284	24.0582	1.5321
2017-05-21 12:00:00	32.7253	70.6544	2.3122	2.7384	0.0896	23.4584	1.4893
2017-05-21 12:15:00	33.0543	71.0946	2.3500	3.0470	0.1007	23.3912	1.5000
2017-05-21 12:30:00	33.0009	70.1568	2.3152	3.1442	0.1038	23.3602	1.4956
2017-05-21 12:45:00	32.9481	69.3726	2.2857	1.4915	0.0491	22.7112	1.4517
2017-05-21 13:00:00	32.2176	68.6071	2.2104	0.3361	0.0108	23.4482	1.4656
2017-05-21 13:15:00	32.0924	70.8241	2.2729	0.1067	0.0034	23.6993	1.4755
2017-05-21 13:30:00	32.2525	72.8371	2.3492	0.0099	0.0003	24.1528	1.5112
2017-05-21 13:45:00	32.1257	72.8197	2.3394	0.0063	0.0002	23.6703	1.4752
2017-05-21 14:00:00	32.1530	77.4510	2.4903	0.0015	0.0000	23.2971	1.4532
2017-05-21 14:15:00	32.2881	80.0549	2.5848	0.0297	0.0010	24.1522	1.5129
2017-05-21 14:30:00	32.2241	74.5698	2.4029	0.0440	0.0014	24.6277	1.5396
2017-05-21 14:45:00	32.0833	72.2822	2.3191	0.0457	0.0015	24.7439	1.5401
2017-05-21 15:00:00	32.0136	74.5558	2.3868	0.0297	0.0009	24.7327	1.5361
2017-05-21 15:15:00	32.0687	74.6166	2.3929	0.1108	0.0036	25.2472	1.5707
2017-05-21 15:30:00	32.0751	74.3565	2.3850	0.0917	0.0029	24.6899	1.5363
2017-05-21 15:45:00	32.0418	79.6481	2.5521	0.0639	0.0020	24.9017	1.5479
2017-05-21 16:00:00	32.1168	77.9272	2.5028	0.1022	0.0033	25.2105	1.5708
2017-05-21 16:15:00	32.1001	73.6787	2.3651	0.2978	0.0096	26.1841	1.6306
2017-05-21 16:30:00	32.1176	71.0772	2.2828	0.2556	0.0082	26.0494	1.6231
2017-05-21 16:45:00	32.0176	71.0273	2.2741	0.1208	0.0039	25.9471	1.6117
2017-05-21 17:00:00	32.0392	72.0522	2.3085	0.1614	0.0052	25.7886	1.6029
2017-05-21 17:15:00	32.0675	75.0365	2.4062	0.1291	0.0041	25.6348	1.5948
2017-05-21 17:30:00	32.0699	76.2593	2.4456	0.1548	0.0050	25.6348	1.5949
2017-05-21 17:45:00	31.8151	73.1435	2.3271	0.1964	0.0062	25.9554	1.6020
2017-05-21 18:00:00	31.9302	81.9451	2.6165	0.2023	0.0065	24.9834	1.5476
2017-05-21 18:15:00	31.8950	78.2528	2.4959	0.0927	0.0030	24.6973	1.5282
2017-05-21 18:30:00	32.0165	70.1396	2.2456	0.1750	0.0056	24.4946	1.5214
2017-05-21 18:45:00	31.9331	67.2124	2.1463	0.8262	0.0264	24.9980	1.5486
2017-05-21 19:00:00	31.9089	65.1474	2.0788	1.0266	0.0328	24.9827	1.5465
2017-05-21 19:15:00	31.8117	65.8205	2.0939	0.4107	0.0131	24.7640	1.5283
2017-05-21 19:30:00	31.7831	70.0249	2.2256	0.0906	0.0029	24.9552	1.5387
2017-05-21 19:45:00	31.8144	77.9793	2.4809	0.0922	0.0029	25.7153	1.5871
2017-05-21 20:00:00	31.9558	75.0403	2.3980	0.0329	0.0011	25.7263	1.5949
2017-05-21 20:15:00	31.9595	69.3421	2.2161	0.1016	0.0032	25.5280	1.5828
2017-05-21 20:30:00	31.8847	67.9213	2.1656	0.0822	0.0026	25.8108	1.5966
2017-05-21 20:45:00	31.8672	68.9048	2.1958	0.0641	0.0020	25.7416	1.5914
2017-05-21 21:00:00	31.8237	74.1628	2.3601	0.0697	0.0022	25.6866	1.5858
2017-05-21 21:15:00	31.8211	77.6418	2.4706	0.0629	0.0020	25.3796	1.5668
2017-05-21 21:30:00	31.8066	75.2661	2.3940	0.0575	0.0018	25.7263	1.5874
2017-05-21 21:45:00	31.7327	72.3310	2.2953	0.0735	0.0023	26.0676	1.6048
2017-05-21 22:00:00	31.7097	70.0563	2.2215	0.0678	0.0021	25.6389	1.5772
2017-05-21 22:15:00	31.7660	80.8385	2.5679	0.0688	0.0022	24.7732	1.5267
2017-05-21 22:30:00	31.8400	81.7482	2.6029	0.0380	0.0012	24.7192	1.5269
2017-05-21 22:45:00	31.8306	73.2103	2.3303	0.0495	0.0016	24.7192	1.5264
2017-05-21 23:00:00	31.8890	70.7234	2.2553	0.0331	0.0011	24.7192	1.5292

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-21 23:15:00	31.9021	70.3416	2.2440	0.0243	0.0008	24.7442	1.5314
2017-05-21 23:30:00	31.7048	69.7613	2.2118	0.0236	0.0007	25.1770	1.5486
2017-05-21 23:45:00	31.5821	71.6615	2.2632	0.0347	0.0011	25.1770	1.5426
2017-05-22 00:00:00	31.5530	77.4601	2.4441	0.0237	0.0007	25.1770	1.5412
2017-05-22 00:15:00	31.6175	76.1658	2.4082	0.0522	0.0017	25.1770	1.5443
2017-05-22 00:30:00	31.5481	70.8457	2.2350	0.0280	0.0009	25.1770	1.5409
2017-05-22 00:45:00	31.5010	70.4596	2.2195	0.0589	0.0019	24.8027	1.5157
2017-05-22 01:00:00	31.5017	69.6852	2.1952	0.0564	0.0018	24.9817	1.5267
2017-05-22 01:15:00	31.5287	68.7117	2.1664	0.0430	0.0014	25.1898	1.5408
2017-05-22 01:30:00	31.6139	67.9970	2.1496	0.0394	0.0012	25.7263	1.5778
2017-05-22 01:45:00	31.5600	69.1178	2.1814	0.0210	0.0007	25.4980	1.5612
2017-05-22 02:00:00	31.6084	72.3203	2.2859	0.0285	0.0009	25.6720	1.5742
2017-05-22 02:15:00	31.5533	74.0430	2.3363	0.0371	0.0012	26.1358	1.5999
2017-05-22 02:30:00	31.5223	80.6018	2.5408	0.0151	0.0005	24.8862	1.5219
2017-05-22 02:45:00	31.5584	81.3864	2.5684	0.0142	0.0004	24.7192	1.5134
2017-05-22 03:00:00	31.6080	72.0921	2.2787	0.0312	0.0010	24.9785	1.5317
2017-05-22 03:15:00	31.6622	67.5426	2.1385	0.2657	0.0084	25.7263	1.5802
2017-05-22 03:30:00	31.6140	66.0171	2.0871	0.3412	0.0108	25.7190	1.5774
2017-05-22 03:45:00	31.6535	68.3125	2.1623	0.0444	0.0014	25.4187	1.5609
2017-05-22 04:00:00	31.7085	85.2477	2.7031	0.0155	0.0005	25.7543	1.5843
2017-05-22 04:15:00	31.8154	76.8035	2.4435	0.0169	0.0005	26.1841	1.6161
2017-05-22 04:30:00	31.7624	69.4236	2.2051	0.0366	0.0012	25.7568	1.5871
2017-05-22 04:45:00	31.7143	69.2577	2.1965	0.0124	0.0004	25.8784	1.5922
2017-05-22 05:00:00	31.6714	69.1014	2.1885	0.0153	0.0005	26.7115	1.6412
2017-05-22 05:15:00	31.6508	71.7015	2.2694	0.0406	0.0013	26.3923	1.6206
2017-05-22 05:30:00	31.5693	86.7796	2.7396	0.0143	0.0005	25.0150	1.5320
2017-05-22 05:45:00	31.6388	84.0494	2.6592	0.0208	0.0007	25.2055 26.7839	1.5471
2017-05-22 06:00:00	31.6634	68.0355 63.9658	2.1542 2.0303	0.5302 1.3942	0.0168 0.0443	26.7839	1.6453
2017-05-22 06:15:00 2017-05-22 06:30:00	31.7398 31.8265	63.5338	2.0303	0.4231	0.0443	26.9950	1.6523 1.6668
2017-05-22 06:45:00	31.9477	66.3235	2.1189	0.4231	0.0038	28.1283	1.7433
2017-05-22 07:00:00	31.9603	74.8274	2.3915	0.1154	0.0038	28.5699	1.7714
2017-05-22 07:15:00	31.8891	80.1135	2.5547	0.0000	0.0000	28.1667	1.7714
2017-05-22 07:30:00	31.9868	78.4409	2.5091	0.0000	0.0000	27.7705	1.7423
2017-05-22 07:45:00	31.7940	74.4943	2.3685	0.0000	0.0000	27.9973	1.7269
2017-05-22 08:00:00	31.7461	73.6712	2.3388	0.0000	0.0000	27.0757	1.6675
2017-05-22 08:15:00	31.8026	80.6895	2.5661	0.0006	0.0000	26.7334	1.6494
2017-05-22 08:30:00	31.9073	75.2685	2.4016	0.0000	0.0000	26.5631	1.6443
2017-05-22 08:45:00	32.1929	73.1426	2.3547	0.0003	0.0000	26.1841	1.6353
2017-05-22 09:00:00	31.7275	80.2444	2.5460	0.0000	0.0000	25.4220	1.5648
2017-05-22 09:15:00	31.7206	74.5262	2.3640	0.0028	0.0001	25.7263	1.5831
2017-05-22 09:30:00	31.9504	71.2763	2.2773	0.0005	0.0000	25.4400	1.5769
2017-05-22 09:45:00	31.8852	74.7430	2.3832	0.0005	0.0000	24.7192	1.5291
2017-05-22 10:00:00	32.2402	72.0594	2.3232	0.0159	0.0005	25.6943	1.6071
2017-05-22 10:15:00	32.4237	67.3206	2.1828	0.2722	0.0088	25.8997	1.6291
2017-05-22 10:30:00	32.4488	67.4657	2.1892	0.1739	0.0056	25.4379	1.6013
2017-05-22 10:45:00	32.7707	76.0656	2.4927	0.1230	0.0040	24.5162	1.5586
2017-05-22 11:00:00	32.8117	80.9678	2.6567	0.1324	0.0043	27.6618	1.7608
2017-05-22 11:15:00	32.9038	70.9452	2.3344	0.7933	0.0261	29.9656	1.9128
2017-05-22 11:30:00	32.8694	63.8556	2.0989	2.0766	0.0683	28.5683	1.8217
2017-05-22 11:45:00	33.0902	64.6173	2.1382	0.4980	0.0165	27.3183	1.7537
2017-05-22 12:00:00	33.1853	86.0373	2.8552	0.3052	0.0101	27.0801	1.7434
2017-05-22 12:15:00	33.2167	87.3768	2.9024	0.1771	0.0059	26.8756	1.7319
2017-05-22 12:30:00	33.1422	70.7150	2.3436	0.2398	0.0079	26.3033	1.6912
2017-05-22 12:45:00	33.1453	70.9659	2.3522	0.1096	0.0036	23.9103	1.5375
2017-05-22 13:00:00	33.2010	69.6453	2.3123	0.1704	0.0057	24.5217	1.5794
2017-05-22 13:15:00	33.1077	65.7328	2.1763	1.1502	0.0381	25.1044	1.6124
2017-05-22 13:30:00	32.6196	65.5099	2.1369	2.7947	0.0912	24.1162	1.5261
2017-05-22 13:45:00	32.3618	77.6567	2.5131	2.7813	0.0900	23.7878	1.4934
2017-05-22 14:00:00	32.4807	66.9514	2.1746	2.3513	0.0764	24.0027	1.5125
2017-05-22 14:15:00	32.6465	63.3698	2.0688	0.9156	0.0299	23.3256	1.4773
2017-05-22 14:30:00	32.6946	67.1932	2.1969	0.2498	0.0082	23.7739	1.5079
2017-05-22 14:45:00	32.6025	71.5461	2.3326	0.1002	0.0033	24.5758	1.5544
2017-05-22 15:00:00	32.6261	71.6724	2.3384	0.0106	0.0003	24.6277	1.5588
2017-05-22 15:15:00	32.5531	70.6272	2.2991	0.0047	0.0002	23.6776	1.4953
2017-05-22 15:30:00	32.6824	73.5915	2.4051	0.0045	0.0001	23.2407	1.4735
2017-05-22 15:45:00	32.7706	71.3860	2.3394	0.0381	0.0012	23.5997	1.5003
2017-05-22 16:00:00	32.9834	68.6979	2.2659	0.0722	0.0024	23.9980	1.5356
2017-05-22 16:15:00	33.0085	68.0838	2.2473	0.0749	0.0025	23.7122	1.5184
2017-05-22 16:30:00	33.0739	69.6927	2.3050	0.0635	0.0021	24.1109	1.5470
2017-05-22 16:45:00	33.1564	70.7109	2.3445	0.1090	0.0036	24.5585	1.5797
2017-05-22 17:00:00	33.0264	68.4612	2.2610	0.0893	0.0029	24.8443	1.5918
2017-05-22 17:15:00	33.0712	67.3041	2.2258	0.1069	0.0035	24.1742	1.5510
2017-05-22 17:30:00	33.1706	69.4367	2.3033	0.0508	0.0017	24.3576	1.5674
2017-05-22 17:45:00	33.1401	73.1526	2.4243	0.0208	0.0007	24.6277	1.5834

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-22 18:00:00	33.2312	68.1437	2.2645	0.0615	0.0020	25.4314	1.6395
2017-05-22 18:15:00	33.2471	63.6294	2.1155	0.6307	0.0210	25.9022	1.6707
2017-05-22 18:30:00	33.2761	61.8831	2.0592	0.1997	0.0066	25.0173	1.6150
2017-05-22 18:45:00	33.2014	73.6896	2.4466	0.0128	0.0004	25.4480	1.6391
2017-05-22 19:00:00	33.0857	73.3247	2.4260	0.0030	0.0001	26.7602	1.7176
2017-05-22 19:15:00	33.1039	66.1897	2.1911	0.0012	0.0000	26.9048	1.7279
2017-05-22 19:30:00	33.0353	74.9307	2.4754	0.0139	0.0005	26.1841	1.6781
2017-05-22 19:45:00	33.1300	71.1859	2.3584	0.0034	0.0001	26.9065	1.7293
2017-05-22 20:00:00	32.8780	74.0067	2.4332	0.0166	0.0005	25.4741	1.6248
2017-05-22 20:15:00	32.5724	82.0691	2.6732	0.0197	0.0006	23.2135	1.4669
2017-05-22 20:30:00	32.4739	73.9787	2.4024	0.0173	0.0006	25.1303	1.5832
2017-05-22 20:45:00	32.5733	69.5821	2.2665	0.0349	0.0011	25.9898	1.6424
2017-05-22 21:00:00	32.2848	69.6460	2.2485	0.0859	0.0028	26.1597	1.6384
2017-05-22 21:15:00 2017-05-22 21:30:00	32.0126 31.4946	74.5253 73.6151	2.3858 2.3185	0.1911 0.1438	0.0061 0.0045	25.6264 25.1245	1.5915 1.5351
2017-05-22 21:30:00	31.3793	73.5360	2.3165	0.1438	0.0043	24.8973	1.5351
2017-05-22 21:45:00	31.3251	73.5360	2.3075	0.1835	0.0035	24.9664	1.5150
2017-05-22 22:00:00	31.2688	74.1385	2.3182	0.1103	0.0060	24.8937	1.5101
2017-05-22 22:13:00	31.3405	71.8984	2.2533	0.1665	0.0052	25.4529	1.5475
2017-05-22 22:45:00	31.3616	82.6988	2.5936	0.1169	0.0032	25.7263	1.5652
2017-05-22 22:45:00	31.3801	81.0714	2.5936	0.1169	0.0037	25.7263	1.5336
2017-05-22 23:00:00	31.3971	72.4704	2.2754	0.1621	0.0023	25.7031	1.5656
2017-05-22 23:13:00	31.5239	69.8775	2.2028	0.1644	0.0051	25.7263	1.5733
2017-05-22 23:45:00	31.8868	69.7573	2.2243	0.2005	0.0064	25.6592	1.5873
2017-05-22 23:43:00	31.8429	73.9252	2.3540	0.1795	0.0057	25.1770	1.5553
2017-05-23 00:15:00	32.0563	70.9850	2.2755	0.1755	0.0056	25.6018	1.5922
2017-05-23 00:30:00	32.0342	70.7933	2.2678	0.1737	0.0056	25.6097	1.5916
2017-05-23 00:45:00	32.1350	71.8360	2.3084	0.1962	0.0063	25.2863	1.5764
2017-05-23 01:00:00	32.3028	77.9885	2.5192	0.1668	0.0054	25.1770	1.5778
2017-05-23 01:15:00	32.3207	112.0415	3.6213	1.1321	0.0366	25.7019	1.6116
2017-05-23 01:30:00	32.4841	80.3731	2.6109	1.3416	0.0436	25.7263	1.6213
2017-05-23 01:45:00	32.5309	64.1511	2.0869	0.6838	0.0222	25.2631	1.5944
2017-05-23 02:00:00	32.5807	67.2409	2.1908	0.1841	0.0060	24.7986	1.5674
2017-05-23 02:15:00	32.6053	78.7865	2.5689	0.1598	0.0052	24.4012	1.5435
2017-05-23 02:30:00	32.3354	77.1571	2.4949	0.2398	0.0078	23.7203	1.4880
2017-05-23 02:45:00	32.4539	71.6837	2.3264	0.1817	0.0059	23.7122	1.4929
2017-05-23 03:00:00	32.2602	69.8551	2.2535	0.1594	0.0051	23.9726	1.5003
2017-05-23 03:15:00	32.1491	67.8367	2.1809	0.2384	0.0077	24.1699	1.5075
2017-05-23 03:30:00	32.4492	70.7833	2.2969	0.2541	0.0082	24.1699	1.5215
2017-05-23 03:45:00	32.4099	75.2473	2.4388	0.2126	0.0069	24.1736	1.5199
2017-05-23 04:00:00	32.6394	68.4980	2.2357	0.2636	0.0086	24.8800	1.5754
2017-05-23 04:15:00	32.6148	66.3620	2.1644	0.3095	0.0101	25.6586	1.6235
2017-05-23 04:30:00	32.4142	68.3662	2.2160	0.3047	0.0099	25.3394	1.5934
2017-05-23 04:45:00	32.3464	79.5609	2.5735	0.2887	0.0093	25.5530	1.6035
2017-05-23 05:00:00	32.3019	70.5814	2.2799	0.2415	0.0078	26.0396	1.6318
2017-05-23 05:15:00	32.3969	69.2200	2.2425	0.1846	0.0060	26.1703	1.6448
2017-05-23 05:30:00	32.5257	71.1224	2.3133	0.1714	0.0056	25.3906	1.6021
2017-05-23 05:45:00	32.3975	72.7801	2.3579	0.1810	0.0059	25.6738	1.6136
2017-05-23 06:00:00	32.5211	72.9400	2.3721	0.1561	0.0051	25.7263	1.6231
2017-05-23 06:15:00	32.5698	69.5894	2.2665	0.1989	0.0065	26.0244	1.6444
2017-05-23 06:30:00	32.5502	72.8008	2.3697	0.2323	0.0076	25.4199	1.6052
2017-05-23 06:45:00	32.4270	70.8261	2.2967	0.1808	0.0059	25.3009	1.5916
2017-05-23 07:00:00	32.1180	68.3537	2.1954	0.0362	0.0012	25.5933	1.5947
2017-05-23 07:15:00	32.0987	73.9274	2.3730	0.0039	0.0001	25.4413	1.5843
2017-05-23 07:30:00	32.0589	78.7097	2.5233	0.0400	0.0013	24.4898	1.5231
2017-05-23 07:45:00	32.1619	72.8660	2.3435	0.1193	0.0038	23.7183	1.4799
2017-05-23 08:00:00	32.3775	71.4197	2.3124	0.1802	0.0058	23.7651	1.4927
2017-05-23 08:15:00	32.1254	66.3460	2.1314	0.1955	0.0063	24.5099	1.5275
2017-05-23 08:30:00	31.8641	75.9748	2.4209	0.1587	0.0051	23.9257	1.4790
2017-05-23 08:45:00	31.6427	77.5512	2.4539	0.1067	0.0034	23.1628	1.4219
2017-05-23 09:00:00	31.6351	76.5474	2.4216	0.1042	0.0033	23.4409	1.4386
2017-05-23 09:15:00	31.6483	65.3011	2.0667	0.1302	0.0041	24.0265	1.4752
2017-05-23 09:30:00	31.7463	71.2945	2.2633	0.2483	0.0079	23.4497	1.4442
2017-05-23 09:45:00	31.5831	76.6641	2.4213	0.2826	0.0089	22.7743	1.3954
2017-05-23 10:00:00	31.5113	70.0664	2.2079	0.1988	0.0063	22.3480	1.3662
2017-05-23 10:15:00	31.3869	70.8697	2.2244	0.1885	0.0059	22.1558	1.3491
2017-05-23 10:30:00	31.2353	73.9397	2.3095	0.0181	0.0006	22.1558	1.3426
2017-05-23 10:45:00	31.1942	73.9858	2.3079	0.0000	0.0000	21.9054	1.3256
2017-05-23 11:00:00	31.2079	78.3200	2.4442	0.0000	0.0000	21.9541	1.3292
2017-05-23 11:15:00	31.2638	70.1300	2.1925	0.0000	0.0000	22.8325	1.3848
2017-05-23 11:30:00	31.2418	83.3823	2.6050	0.4196	0.0131	23.6498	1.4334
2017-05-23 11:45:00	31.1776	67.1197	2.0926	0.5011	0.0156	21.8383	1.3209
2017-05-23 12:00:00	31.2625	68.2655	2.1342	0.0037	0.0001	21.8604	1.3258
	31.2625 31.2751 31.1748	68.2655 58.4450 73.7990	2.1342 1.8279 2.3007	0.0037 0.0021 0.0014	0.0001 0.0001 0.0000	21.8604 22.8928 22.0812	1.3258 1.3890 1.3355

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-23 12:45:00	31.2418	85.5733	2.6735	0.0030	0.0001	21.6156	1.3101
2017-05-23 13:00:00	31.2747	69.9548	2.1878	0.0072	0.0002	22.1558	1.3443
2017-05-23 13:15:00	31.1655	65.4146	2.0387	0.0007	0.0000	22.0569	1.3336
2017-05-23 13:30:00	31.0566	76.8075	2.3854	0.0005	0.0000	21.6064	1.3018
2017-05-23 13:45:00	31.0499	73.6349	2.2864	0.0019	0.0001	21.6064	1.3015
2017-05-23 14:00:00	31.1475	71.5985	2.2301	0.0208	0.0006	21.6064	1.3056
2017-05-23 14:15:00	31.3394	72.3717	2.2681	0.0093	0.0003	21.4518	1.3042
2017-05-23 14:30:00	31.2398	73.7754	2.3047	0.0115	0.0004	21.1487	1.2817
2017-05-23 14:45:00	31.1442	72.7774	2.2666	0.0027	0.0001	21.1487	1.2778
2017-05-23 15:00:00	31.0554	68.5352	2.1284	0.0049	0.0002	21.3491	1.2862
2017-05-23 15:15:00	31.0995	73.5812	2.2883	0.0284	0.0009	21.2733	1.2835
2017-05-23 15:30:00	30.9827	71.4778	2.2146	0.0246	0.0008	21.1487	1.2712
2017-05-23 15:45:00	30.9627	72.0378	2.2305	0.0496	0.0015	21.3598	1.2830
2017-05-23 16:00:00	30.9733	69.5095	2.1529	0.1363	0.0042	21.6064	1.2983
2017-05-23 16:15:00	30.8762	71.9280	2.2209	0.1415	0.0044	21.6064	1.2942
2017-05-23 16:30:00	30.8408	74.5849	2.3003	0.1581	0.0049	21.8372	1.3065
2017-05-23 16:45:00	30.8103	70.4818	2.1716	0.1882	0.0058	22.1558	1.3243
2017-05-23 17:00:00	30.7997	70.7352	2.1786	0.1986	0.0061	22.5972	1.3502
2017-05-23 17:15:00	30.8098	72.1406	2.2226	0.2142	0.0066	22.9962	1.3745
2017-05-23 17:30:00	30.8691	71.3511	2.2025	0.0980	0.0030	23.5260	1.4089
2017-05-23 17:45:00	30.9233	70.5553	2.1818	0.0173	0.0005	23.7122	1.4225
2017-05-23 18:00:00	30.9831	69.8573	2.1644	0.0887	0.0027	23.7122	1.4253
2017-05-23 18:15:00	30.9966 31.1897	68.6013 65.6288	2.1264 2.0469	0.8334 1.3057	0.0258 0.0407	23.9014 24.0285	1.4373
2017-05-23 18:30:00 2017-05-23 18:45:00	31.1897	65.6288	2.0469	1.3057 0.4876	0.0407	24.0285	1.4539 1.4402
2017-05-23 18:45:00	31.4500	76.5893	2.4087	0.4876	0.0055	23.7905	1.4402
2017-05-23 19:00:00	31.4500	74.3166	2.4087	0.1757	0.0035	24.2224	1.4860
2017-05-23 19:15:00	31.7985	70.1387	2.2303	0.1091	0.0033	24.7192	1.4860
2017-05-23 19:30:00	32.3060	69.4768	2.2445	0.0710	0.0023	24.5477	1.5249
2017-05-23 19:43:00	32.3180	76.8674	2.4842	0.0992	0.0030	24.8657	1.5590
2017-05-23 20:00:00	31.7529	78.2376	2.4843	0.1290	0.0032	23.7899	1.4655
2017-05-23 20:30:00	31.2710	70.2932	2.1981	0.1597	0.0050	22.5836	1.3701
2017-05-23 20:45:00	30.9080	69.9593	2.1623	0.1209	0.0037	22.3277	1.3388
2017-05-23 21:00:00	31.0439	76.2250	2.3663	0.2180	0.0068	22.5326	1.3570
2017-05-23 21:15:00	30.9358	79.9572	2.4735	0.2543	0.0079	22.9840	1.3794
2017-05-23 21:30:00	30.9986	69.3018	2.1483	0.3743	0.0116	23.1628	1.3930
2017-05-23 21:45:00	31.1016	68.1028	2.1181	0.4958	0.0114	23.1628	1.3976
2017-05-23 22:00:00	31.0661	67.0280	2.0823	0.5583	0.0173	22.9863	1.3853
2017-05-23 22:15:00	31.0497	70.6297	2.1930	0.1711	0.0053	22.7051	1.3677
2017-05-23 22:30:00	31.1238	80.2798	2.4986	0.2294	0.0071	22.9630	1.3865
2017-05-23 22:45:00	31.1681	71.9327	2.2420	0.0916	0.0029	22.9472	1.3875
2017-05-23 23:00:00	31.1794	70.2358	2.1899	0.2297	0.0072	23.1628	1.4011
2017-05-23 23:15:00	31.1597	69.0506	2.1516	0.3201	0.0100	23.1628	1.4002
2017-05-23 23:30:00	31.2781	73.4875	2.2985	0.2519	0.0079	23.6422	1.4346
2017-05-23 23:45:00	31.2167	72.0778	2.2500	0.1628	0.0051	23.7269	1.4369
2017-05-24 00:00:00	31.2388	71.5729	2.2358	0.4716	0.0147	23.5919	1.4297
2017-05-24 00:15:00	31.2522	69.7756	2.1806	1.3219	0.0413	24.1623	1.4649
2017-05-24 00:30:00	31.1434	69.7070	2.1709	0.9540	0.0297	24.1699	1.4603
2017-05-24 00:45:00	31.0811	69.9205	2.1732	0.9843	0.0306	23.9802	1.4459
2017-05-24 01:00:00	31.1954	71.8236	2.2406	0.7657	0.0239	24.1699	1.4627
2017-05-24 01:15:00	31.1387	71.9963	2.2419	0.9317	0.0290	24.5319	1.4819
2017-05-24 01:30:00	31.0305	72.3737	2.2458	1.0222	0.0317	24.4885	1.4742
2017-05-24 01:45:00	31.0588	71.6352	2.2249	1.4450	0.0449	24.0168	1.4471
2017-05-24 02:00:00	30.6432	68.2807	2.0923	0.6122	0.0188	22.3759	1.3302
2017-05-24 02:15:00	30.5408	70.7245	2.1600	0.1880	0.0057	22.4866	1.3323
2017-05-24 02:30:00	30.6118	73.3962	2.2468	0.1075	0.0033	22.6074	1.3426
2017-05-24 02:45:00	30.4641	73.6542	2.2438	0.0697	0.0021	22.3358	1.3201
2017-05-24 03:00:00	30.3387	72.5080	2.1998	0.0520	0.0016	22.1500	1.3037
2017-05-24 03:15:00	30.4755	71.2148	2.1703	0.0130	0.0004	21.6980	1.2828
2017-05-24 03:30:00	30.3968	70.8114	2.1524	0.0146	0.0004	21.6980	1.2795
2017-05-24 03:45:00	30.3505	71.1560	2.1596	0.0026	0.0001	21.7957	1.2833
2017-05-24 04:00:00	30.5483	70.5807	2.1561	0.1603	0.0049	22.1558	1.3130
2017-05-24 04:15:00	30.4559	68.7367	2.0934	0.7155	0.0218	22.1558	1.3091
2017-05-24 04:30:00	30.6293	67.7320	2.0746	0.6774	0.0207	22.6575	1.3463
2017-05-24 04:45:00	30.6914	67.9580	2.0857	0.4053	0.0124	23.3953	1.3930
2017-05-24 05:00:00	30.6470	69.9989	2.1453	0.2066	0.0063	23.7951	1.4147
2017-05-24 05:15:00	30.6315	70.9111	2.1721	0.0685	0.0021	23.7122	1.4091
2017-05-24 05:30:00	30.5659	74.5469	2.2786	0.0090	0.0003	23.2709	1.3799
2017-05-24 05:45:00	30.5768	74.2247	2.2696	0.0074	0.0002	23.1628	1.3740
2017-05-24 06:00:00	30.3556	72.7774	2.2092	0.0000	0.0000	23.1628	1.3641
2017-05-24 06:15:00	30.3206	71.7238	2.1747	0.0000	0.0000	23.1628	1.3625
i l	30.3498	71.6664	2.1751	0.0000	0.0000	23.1628	1.3638
2017-05-24 06:30:00	30.3430						
2017-05-24 06:30:00 2017-05-24 06:45:00	30.1635	72.0371	2.1729	0.0248	0.0007	23.1628	1.3554
			2.1729 2.1615	0.0248 0.3502	0.0007 0.0106	23.1628 23.1628	1.3554 1.3568

Parameter Unit 2017-05-24 07:30:00 2017-05-24 08:00:00 2017-05-24 08:15:00 2017-05-24 08:45:00 2017-05-24 08:45:00 2017-05-24 08:45:00 2017-05-24 09:00:00 2017-05-24 09:00:00 2017-05-24 09:15:00 2017-05-24 09:45:00 2017-05-24 10:00:00 2017-05-24 10:30:00 2017-05-24 10:30:00 2017-05-24 11:5:00	Volumetric Flow Rate m3/sec 30.5580 30.6581 30.2935 30.2977 30.4652 30.4668 30.3451 30.1110 29.8681 29.6999 29.6548 29.6123 29.9028 29.9213 29.9166 29.8999 29.9034 30.0235 30.0740 30.0582 30.0564 29.9864 30.0291 30.1529 30.0901 30.0923	Mr. mg/Nm3 68.6138 69.1626 71.9298 75.9556 82.8923 97.4544 90.5661 82.7221 75.7568 78.6618 79.7488 77.3966 81.7111 82.1196 82.0502 78.9281 78.6297 79.5513 79.0171 76.8465 76.2947 77.4089	missions - A2 Nitric Dx g/s 2.0967 2.1204 2.1790 2.3013 2.5253 2.9691 2.7482 2.4908 2.2627 2.3362 2.3649 2.2919 2.4434 2.4571 2.4547 2.3599 2.3513 2.3884 2.3764 2.3099 2.2931	NH3 mg/Nm3 0.6821 0.1871 0.0652 0.0298 0.0450 0.0703 0.3541 5.0566 4.1321 2.4452 2.9625 0.6456 0.0403 0.0345 0.3946 1.4317 0.9605 1.1424 1.9796	g/s 0.0208 0.0057 0.0020 0.0009 0.0014 0.0021 0.0107 0.1523 0.1234 0.0726 0.0879 0.0191 0.0012 0.0010 0.0118 0.0428 0.0287 0.0343 0.0595	ppmv 22.8424 22.7051 22.7051 22.5665 22.1558 22.1558 22.9822 23.7122 22.8693 22.6135 22.5896 21.7767 22.1558 22.1558 22.2530 22.3333 22.2672 22.6135 22.3892	g/s 1.3542 1.3504 1.3344 1.3264 1.3095 1.3095 1.3529 1.3852 1.3251 1.3029 1.2996 1.2510 1.2853 1.2861 1.3089 1.2955 1.2918
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2017-05-24 10:00:00 2017-05-24 10:15:00 2017-05-24 10:30:00 2017-05-24 10:30:00 2017-05-24 11:00:00 2017-05-24 11:15:00 2017-05-24 11:15:00 2017-05-24 11:45:00 2017-05-24 12:00:00 2017-05-24 12:00:00 2017-05-24 12:45:00 2017-05-24 12:45:00 2017-05-24 13:00:00 2017-05-24 13:00:00 2017-05-24 13:00:00 2017-05-24 13:15:00 2017-05-24 13:45:00 2017-05-24 13:45:00 2017-05-24 13:45:00 2017-05-24 13:45:00 2017-05-24 14:15:00 2017-05-24 14:15:00 2017-05-24 14:15:00 2017-05-24 14:15:00 2017-05-24 14:15:00	29.6548 29.6123 29.9028 29.9213 29.9166 29.8999 29.9034 30.0235 30.0740 30.0582 30.0564 29.9864 30.0291 30.1529 30.0901	79.7488 77.3966 81.7111 82.1196 82.0502 78.9281 78.6297 79.5513 79.0171 76.8465 76.2947 77.4089	2.3649 2.2919 2.4434 2.4571 2.4547 2.3599 2.3513 2.3884 2.3764 2.3099	2.9625 0.6456 0.0403 0.0345 0.3946 1.4317 0.9605 1.1424 1.9796	0.0879 0.0191 0.0012 0.0010 0.0118 0.0428 0.0287 0.0343	22.5896 21.7767 22.1558 22.1558 22.5530 22.3333 22.2672 22.6135	1.2996 1.2510 1.2853 1.2861 1.3089 1.2955 1.2918 1.3171
2017-05-24 10:15:00 2017-05-24 10:30:00 2017-05-24 11:00:00 2017-05-24 11:00:00 2017-05-24 11:13:00 2017-05-24 11:30:00 2017-05-24 11:30:00 2017-05-24 12:00:00 2017-05-24 12:00:00 2017-05-24 12:30:00 2017-05-24 12:45:00 2017-05-24 13:00:00 2017-05-24 13:00:00 2017-05-24 13:00:00 2017-05-24 13:00:00 2017-05-24 13:45:00 2017-05-24 13:45:00 2017-05-24 14:30:00	29.6123 29.9028 29.9213 29.9166 29.8999 29.9034 30.0235 30.0740 30.0582 30.0564 29.9864 30.0291 30.1529 30.0901	77.3966 81.7111 82.1196 82.0502 78.9281 78.6297 79.5513 79.0171 76.8465 76.2947 77.4089	2.2919 2.4434 2.4571 2.4547 2.3599 2.3513 2.3884 2.3764 2.3099	0.6456 0.0403 0.0345 0.3946 1.4317 0.9605 1.1424 1.9796	0.0191 0.0012 0.0010 0.0118 0.0428 0.0287 0.0343	21.7767 22.1558 22.1558 22.5530 22.3333 22.2672 22.6135	1.2510 1.2853 1.2861 1.3089 1.2955 1.2918
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2017-05-24 10:45:00 2017-05-24 11:00:00 2017-05-24 11:15:00 2017-05-24 11:45:00 2017-05-24 11:45:00 2017-05-24 12:00:00 2017-05-24 12:15:00 2017-05-24 12:30:00 2017-05-24 12:45:00 2017-05-24 13:30:00 2017-05-24 13:30:00 2017-05-24 13:45:00 2017-05-24 13:45:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:15:00	29.9213 29.9166 29.8999 29.9034 30.0235 30.0740 30.0582 30.0564 29.9864 30.0291 30.1529 30.0901	82.1196 82.0502 78.9281 78.6297 79.5513 79.0171 76.8465 76.2947 77.4089	2.4571 2.4547 2.3599 2.3513 2.3884 2.3764 2.3099	0.0345 0.3946 1.4317 0.9605 1.1424 1.9796	0.0010 0.0118 0.0428 0.0287 0.0343	22.1558 22.5530 22.3333 22.2672 22.6135	1.2861 1.3089 1.2955 1.2918 1.3171
2017-05-24 11:00:00 2017-05-24 11:15:00 2017-05-24 11:45:00 2017-05-24 11:45:00 2017-05-24 12:00:00 2017-05-24 12:15:00 2017-05-24 12:30:00 2017-05-24 12:45:00 2017-05-24 13:00:00 2017-05-24 13:15:00 2017-05-24 13:45:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:00:00 2017-05-24 14:15:00	29.9166 29.8999 29.9034 30.0235 30.0740 30.0582 30.0564 29.9864 30.0291 30.1529 30.0901	82.0502 78.9281 78.6297 79.5513 79.0171 76.8465 76.2947 77.4089	2.4547 2.3599 2.3513 2.3884 2.3764 2.3099	0.3946 1.4317 0.9605 1.1424 1.9796	0.0118 0.0428 0.0287 0.0343	22.5530 22.3333 22.2672 22.6135	1.3089 1.2955 1.2918 1.3171
2017-05-24 11:15:00 2017-05-24 11:30:00 2017-05-24 11:45:00 2017-05-24 12:15:00 2017-05-24 12:15:00 2017-05-24 12:30:00 2017-05-24 12:45:00 2017-05-24 13:00:00 2017-05-24 13:15:00 2017-05-24 13:45:00 2017-05-24 13:45:00 2017-05-24 14:15:00 2017-05-24 14:15:00 2017-05-24 14:30:00	29.8999 29.9034 30.0235 30.0740 30.0582 30.0564 29.9864 30.0291 30.1529 30.0901	78.9281 78.6297 79.5513 79.0171 76.8465 76.2947 77.4089	2.3599 2.3513 2.3884 2.3764 2.3099	1.4317 0.9605 1.1424 1.9796	0.0428 0.0287 0.0343	22.3333 22.2672 22.6135	1.2955 1.2918 1.3171
2017-05-24 11:30:00 2017-05-24 11:45:00 2017-05-24 12:30:00 2017-05-24 12:30:00 2017-05-24 12:30:00 2017-05-24 12:45:00 2017-05-24 13:00:00 2017-05-24 13:15:00 2017-05-24 13:30:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:30:00	29.9034 30.0235 30.0740 30.0582 30.0564 29.9864 30.0291 30.1529 30.0901	78.6297 79.5513 79.0171 76.8465 76.2947 77.4089	2.3513 2.3884 2.3764 2.3099	0.9605 1.1424 1.9796	0.0287 0.0343	22.2672 22.6135	1.2918 1.3171
2017-05-24 11:45:00 2017-05-24 12:00:00 2017-05-24 12:30:00 2017-05-24 12:30:00 2017-05-24 12:45:00 2017-05-24 13:00:00 2017-05-24 13:00:00 2017-05-24 13:30:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:30:00	30.0235 30.0740 30.0582 30.0564 29.9864 30.0291 30.1529 30.0901	79.5513 79.0171 76.8465 76.2947 77.4089	2.3884 2.3764 2.3099	1.1424 1.9796	0.0343	22.6135	1.3171
2017-05-24 12:00:00 2017-05-24 12:15:00 2017-05-24 12:30:00 2017-05-24 12:45:00 2017-05-24 13:00:00 2017-05-24 13:15:00 2017-05-24 13:30:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:30:00	30.0740 30.0582 30.0564 29.9864 30.0291 30.1529 30.0901	79.0171 76.8465 76.2947 77.4089	2.3764 2.3099	1.9796			
2017-05-24 12:15:00 2017-05-24 12:30:00 2017-05-24 13:00:00 2017-05-24 13:00:00 2017-05-24 13:15:00 2017-05-24 13:30:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:30:00	30.0582 30.0564 29.9864 30.0291 30.1529 30.0901	76.8465 76.2947 77.4089	2.3099				1.3063
2017-05-24 12:30:00 2017-05-24 12:45:00 2017-05-24 13:00:00 2017-05-24 13:15:00 2017-05-24 13:30:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:30:00	30.0564 29.9864 30.0291 30.1529 30.0901	76.2947 77.4089		1.7558	0.0528	22.1558	1.2920
2017-05-24 12:45:00 2017-05-24 13:00:00 2017-05-24 13:15:00 2017-05-24 13:30:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:30:00	29.9864 30.0291 30.1529 30.0901	77.4089		0.8444	0.0328	21.6603	1.2630
2017-05-24 13:00:00 2017-05-24 13:15:00 2017-05-24 13:30:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:30:00	30.0291 30.1529 30.0901		2.3212	0.0827	0.0025	21.0003	1.2303
2017-05-24 13:15:00 2017-05-24 13:30:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:30:00	30.1529 30.0901	/7.137/	2.3765	0.1548	0.0023	20.9064	1.2303
2017-05-24 13:30:00 2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:30:00	30.0901	81.0224	2.4431	0.3736	0.0113	20.9344	1.2246
2017-05-24 13:45:00 2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:30:00		81.6256	2.4561	0.3477	0.0113	21.1487	1.2346
2017-05-24 14:00:00 2017-05-24 14:15:00 2017-05-24 14:30:00		83.7121	2.5191	0.3077	0.0093	20.7178	1.2095
2017-05-24 14:15:00 2017-05-24 14:30:00	30.4215	85.9001	2.6132	0.2996	0.0091	20.5994	1.2157
2017-05-24 14:30:00	30.4776	88.4589	2.6960	0.2989	0.0091	20.5994	1.2180
	30.5530	91.7299	2.8026	0.2334	0.0071	20.4992	1.2150
2017-05-24 14:45:00	30.5429	94.4628	2.8852	0.0771	0.0024	20.5104	1.2153
2017-05-24 15:00:00	30.3834	141.4731	4.2984	0.0276	0.0008	20.9387	1.2342
2017-05-24 15:15:00	30.4675	111.9355	3.4104	0.0157	0.0005	21.1689	1.2512
2017-05-24 15:30:00	30.3253	90.0972	2.7322	0.5448	0.0165	21.1487	1.2442
2017-05-24 15:45:00	30.4545	86.2984	2.6282	1.0647	0.0324	20.7892	1.2283
2017-05-24 16:00:00	30.6906	84.2010	2.5842	1.0754	0.0330	20.8588	1.2419
2017-05-24 16:15:00	30.5937	83.3367	2.5496	0.7124	0.0218	20.8069	1.2349
2017-05-24 16:30:00	30.5337	82.6645	2.5240	0.6205	0.0189	20.7037	1.2264
2017-05-24 16:45:00	30.5395	81.3820	2.4854	0.8113	0.0248	20.7471	1.2292
2017-05-24 17:00:00	30.6583	81.7017	2.5048	1.0265	0.0315	20.7452	1.2339
2017-05-24 17:15:00	30.7309	80.2647	2.4666	1.4240	0.0438	21.0828	1.2569
2017-05-24 17:30:00	30.7889	80.1008	2.4662	1.9117	0.0589	21.6572	1.2936
2017-05-24 17:45:00	30.7473	78.8965	2.4259	2.6387	0.0811	22.9327	1.3679
2017-05-24 18:00:00	30.6323	75.3190	2.3072	1.0321	0.0316	22.2067	1.3197
2017-05-24 18:15:00	30.8161	79.0835	2.4370	0.3595	0.0111	21.8970	1.3091
2017-05-24 18:30:00	30.7643	81.1010	2.4950	0.3052	0.0094	22.1558	1.3223
2017-05-24 18:45:00	30.8397	80.6492	2.4872	0.3044	0.0094	22.5449	1.3488
2017-05-24 19:00:00	30.8441	79.7196	2.4589	0.3347	0.0103	23.4431	1.4028
2017-05-24 19:15:00	30.7673	79.0338	2.4317	0.2944	0.0091	23.3325	1.3927
2017-05-24 19:30:00	30.8004	79.4656	2.4476	0.3238	0.0100	23.9241	1.4295
2017-05-24 19:45:00	30.7662	74.6969	2.2981	0.3431	0.0106	25.2415	1.5066
2017-05-24 20:00:00	30.8232	69.2345	2.1340	2.2120	0.0682	23.3209	1.3945
2017-05-24 20:15:00	30.7894	67.4381	2.0764	0.9772	0.0301	23.2263	1.3873
2017-05-24 20:30:00	30.9260	64.5362	1.9958	1.9330	0.0598	24.1870	1.4511
2017-05-24 20:45:00	30.9649	63.8066	1.9758	0.9347	0.0289	24.1884	1.4530
2017-05-24 21:00:00	30.9165	80.1792	2.4789	0.4679	0.0145	24.0723	1.4438
2017-05-24 21:15:00	30.8379	99.9170	3.0812	0.4236	0.0131	23.2587	1.3915
2017-05-24 21:30:00	30.8624	69.7780	2.1535	2.1476	0.0663	23.4383	1.4033
2017-05-24 21:45:00	30.7646	61.7455	1.8996	1.6545	0.0509	22.4030	1.3371
2017-05-24 22:00:00	30.7919	63.2606	1.9479	0.4733	0.0146	22.5972	1.3499
2017-05-24 22:15:00	30.9805	68.3187	2.1165	0.3167	0.0098	22.8015	1.3704
2017-05-24 22:30:00	30.9938	72.0338	2.2326	0.3491	0.0108	23.1628	1.3927
2017-05-24 22:45:00	30.7371	70.9383	2.1804	0.3806	0.0117	23.1628	1.3812
2017-05-24 23:00:00	30.5531	80.1752	2.4496	0.3707	0.0113	22.8561	1.3548
2017-05-24 23:15:00	30.3109	77.8950	2.3611	0.3529	0.0107	22.7051	1.3351
2017-05-24 23:30:00	30.2706	69.4465	2.1022	0.2997	0.0091	22.7051	1.3334
2017-05-24 23:45:00	30.1574	65.3494	1.9708	0.3234	0.0098	22.7051	1.3284
2017-05-25 00:00:00	30.0349	65.0125	1.9526	0.2881	0.0087	22.2308	1.2953
2017-05-25 00:15:00	30.1625	73.8043	2.2261	0.3223	0.0097	22.2766	1.3035
2017-05-25 00:30:00	30.5398	81.8553	2.4998	0.2649	0.0081	22.1558	1.3127
2017-05-25 00:45:00	30.6549	71.6526	2.1965	0.2571	0.0079	22.6837	1.3490
2017-05-25 01:00:00	31.0238	69.7065	2.1626	0.1659	0.0051	22.3303	1.3440
2017-05-25 01:15:00	30.8788	68.8101	2.1248	0.2225	0.0069	22.7893	1.3652
2017-05-25 01:30:00	30.7207	70.7887	2.1747	0.2625	0.0081	22.6135	1.3477
2017-05-25 01:45:00 2017-05-25 02:00:00	30.6445 30.9055	71.5557 73.0230	2.1928 2.2568	0.2817 0.2350	0.0086 0.0073	22.6135 22.4411	1.3444 1.3455

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-25 02:15:00	30.6634	73.0613	2.2403	0.2219	0.0068	22.1558	1.3180
2017-05-25 02:30:00	30.6010	69.8192	2.1365	0.2167	0.0066	22.2575	1.3213
2017-05-25 02:45:00	30.7043	69.7836	2.1427	0.2544	0.0078	22.6135	1.3470
2017-05-25 03:00:00 2017-05-25 03:15:00	30.8436 30.7169	71.4019 76.2996	2.2023 2.3437	0.1972 0.2085	0.0061 0.0064	22.6697 21.9525	1.3565 1.3082
2017-05-25 03:15:00	30.8227	83.7143	2.5803	0.2083	0.0084	21.9525	1.2568
2017-05-25 03:45:00	30.8940	69.9354	2.1606	0.1133	0.0033	22.2514	1.3336
2017-05-25 04:00:00	30.6711	65.9018	2.0213	0.1212	0.0058	23.6426	1.4068
2017-05-25 04:15:00	30.7194	69.1880	2.1254	0.1725	0.0053	23.2251	1.3841
2017-05-25 04:30:00	30.7157	76.0779	2.3368	0.1565	0.0048	22.7107	1.3533
2017-05-25 04:45:00	30.7538	71.7503	2.2066	0.1536	0.0047	22.4738	1.3408
2017-05-25 05:00:00	30.9346	73.2172	2.2649	0.1298	0.0040	22.1558	1.3296
2017-05-25 05:15:00	31.1356	72.2344	2.2491	0.1589	0.0049	22.2763	1.3456
2017-05-25 05:30:00	31.1036	70.0488	2.1788	0.1426	0.0044	22.6135	1.3645
2017-05-25 05:45:00	30.9919	71.1184	2.2041	0.1708	0.0053	22.4894	1.3522
2017-05-25 06:00:00	30.8962	72.6650	2.2451	0.2257	0.0070	22.3370	1.3389
2017-05-25 06:15:00	30.9915	70.7757	2.1934	0.2128	0.0066	22.7783	1.3695
2017-05-25 06:30:00	30.9965	70.3425	2.1804	0.2111	0.0065	22.8124	1.3718
2017-05-25 06:45:00	31.0369	72.5403	2.2514	0.1130	0.0035	22.7051	1.3671
2017-05-25 07:00:00	31.1291	73.2601	2.2805	0.1188	0.0037	22.7051	1.3712
2017-05-25 07:15:00	30.8490	71.9779	2.2204	0.0779	0.0024	22.7051	1.3588
2017-05-25 07:30:00	30.2544	70.9187	2.1456	0.0621	0.0019	22.4371	1.3169
2017-05-25 07:45:00	30.2738	77.1257	2.3349	0.1318	0.0040	21.7413	1.2769
2017-05-25 08:00:00	30.5811	81.9155	2.5051	0.1503	0.0046	21.7896	1.2927
2017-05-25 08:15:00	30.4387	70.0477	2.1322	0.3389	0.0103	22.6757	1.3390
2017-05-25 08:30:00	30.2948	67.8841	2.0565	0.7390	0.0224	22.9095	1.3464
2017-05-25 08:45:00	30.3777	66.5297	2.0210	0.5893	0.0179	22.7051	1.3381
2017-05-25 09:00:00	30.5409	68.6331	2.0961	0.2121	0.0065	22.0819	1.3083
2017-05-25 09:15:00	30.4213	70.4023	2.1417	0.0378	0.0012	21.8475	1.2894
2017-05-25 09:30:00	30.4983	75.2560	2.2952	0.0005	0.0000	22.1558	1.3109
2017-05-25 09:45:00	30.4211	80.4279	2.4467	0.0003	0.0000	21.8347	1.2886
2017-05-25 10:00:00	29.9827	73.5160	2.2042	0.0040	0.0001	22.1558	1.2887
2017-05-25 10:15:00	29.9208	70.3734	2.1056	0.0032	0.0001	22.1558	1.2861
2017-05-25 10:30:00	29.7447	69.7359	2.0743	0.0189	0.0006	21.7773	1.2567
2017-05-25 10:45:00	29.7376	71.3769	2.1226	0.0153	0.0005	20.7233	1.1955
2017-05-25 11:00:00	29.7065	80.6773	2.3966	0.0072	0.0002	20.3710	1.1740
2017-05-25 11:15:00	29.7638	74.5640	2.2193	0.0007	0.0000	20.4066	1.1783
2017-05-25 11:30:00	29.7335	72.5855	2.1582	0.0296	0.0009	20.5994	1.1882
2017-05-25 11:45:00 2017-05-25 12:00:00	29.7820 29.7986	71.0400 70.8281	2.1157 2.1106	0.3301 0.2498	0.0098 0.0074	20.0976 19.5923	1.1612 1.1326
2017-05-25 12:00:00	29.8411	72.0968	2.1106	0.2498	0.0074	20.0238	1.1526
2017-05-25 12:30:00	29.8337	72.0908	2.1314	0.3444	0.0103	20.0238	1.1594
2017-05-25 12:45:00	29.9125	69.9368	2.0920	0.1305	0.0039	19.5923	1.1369
2017-05-25 12:45:00	29.8442	71.6207	2.1375	0.0111	0.0003	19.5923	1.1344
2017-05-25 13:00:00	29.8047	72.8705	2.1719	0.0000	0.0003	19.5923	1.1328
2017-05-25 13:15:00	29.8269	73.2354	2.1713	0.0243	0.0007	19.7623	1.1435
2017-05-25 13:45:00	30.0289	72.8484	2.1876	0.0685	0.0021	19.6136	1.1426
2017-05-25 14:00:00	30.0428	75.9837	2.2828	0.4758	0.0143	20.1416	1.1739
2017-05-25 14:15:00	30.0384	73.4432	2.2061	1.8050	0.0542	20.1416	1.1737
2017-05-25 14:30:00	29.9888	73.6801	2.2096	2.9913	0.0897	20.1416	1.1718
2017-05-25 14:45:00	29.9896	73.6378	2.2084	0.7755	0.0233	20.0012	1.1637
2017-05-25 15:00:00	29.7067	75.4742	2.2421	0.1716	0.0051	19.5923	1.1291
2017-05-25 15:15:00	29.6683	76.6303	2.2735	0.1054	0.0031	19.9292	1.1471
2017-05-25 15:30:00	29.8238	76.1126	2.2700	0.1028	0.0031	19.5923	1.1336
2017-05-25 15:45:00	30.0470	74.8737	2.2497	0.1326	0.0040	19.8096	1.1547
2017-05-25 16:00:00	29.9033	74.7495	2.2353	0.2398	0.0072	19.9127	1.1552
2017-05-25 16:15:00	29.8632	81.3065	2.4281	1.1057	0.0330	20.1416	1.1669
2017-05-25 16:30:00	29.8442	108.9355	3.2511	1.5855	0.0473	20.1416	1.1662
2017-05-25 16:45:00	29.9228	104.9419	3.1402	1.1000	0.0329	20.1416	1.1692
2017-05-25 17:00:00	30.0257	76.8906	2.3087	1.5074	0.0453	20.4096	1.1889
2017-05-25 17:15:00	30.0413	74.4620	2.2369	1.8646	0.0560	20.5994	1.2005
2017-05-25 17:30:00	30.6333	72.4915	2.2207	1.4168	0.0434	21.1243	1.2554
2017-05-25 17:45:00	30.7690	70.9383	2.1827	0.5557	0.0171	20.6995	1.2356
2017-05-25 18:00:00	30.7110	72.5414	2.2278	0.2592	0.0080	20.5994	1.2273
2017-05-25 18:15:00	30.7015	74.1098	2.2753	0.1729	0.0053	20.7361	1.2351
2017-05-25 18:30:00	30.7049	72.9420	2.2397	0.1922	0.0059	21.2067	1.2632
2017-05-25 18:45:00	30.6828	72.1896	2.2150	0.1569	0.0048	21.7108	1.2923
2017-05-25 19:00:00	30.7068	72.5358	2.2273	0.3973	0.0122	22.4497	1.3374
2017-05-25 19:15:00	30.6817	73.0914	2.2426	1.5166	0.0465	22.6135	1.3460
2017-05-25 19:30:00	30.8171	72.3312	2.2290	0.4651	0.0143	22.6135	1.3520
2017-05-25 19:45:00	30.8017	72.0631	2.2197	0.5062	0.0156	22.9738	1.3728
2017-05-25 20:00:00	30.7478	71.4455	2.1968	3.9476	0.1214	22.9070	1.3664
2017-05-25 20:15:00	30.8414	69.5977	2.1465	5.7446	0.1772	23.1628	1.3859
2017-05-25 20:30:00	30.7299	67.7699	2.0826	2.8066	0.0862	23.0042	1.3714
2017-05-25 20:45:00	30.6420	68.9491	2.1127	1.0008	0.0307	22.9385	1.3636

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-25 21:00:00	30.7064	71.2970	2.1893	0.7187	0.0221	23.3984	1.3939
2017-05-25 21:15:00	30.6102	76.9531	2.3556	0.5305	0.0162	24.1038	1.4314
2017-05-25 21:30:00	30.6469	100.8248	3.0900	0.4599	0.0141	24.0067	1.4273
2017-05-25 21:45:00	30.5083	86.4799	2.6384	0.6602	0.0201	23.7099	1.4033
2017-05-25 22:00:00	30.4477	73.4151	2.2353	0.6522	0.0199	23.5129	1.3889
2017-05-25 22:15:00	30.3670	71.7038	2.1774	0.5974	0.0181	23.4760	1.3830
2017-05-25 22:30:00	30.3457	71.4927	2.1695	0.3402	0.0103	23.7769	1.3998
2017-05-25 22:45:00	30.4402	72.9567	2.2208	0.2700	0.0082	23.8719	1.4097
2017-05-25 23:00:00	30.3256	72.5125	2.1990	0.2888	0.0088	24.1266	1.4194
2017-05-25 23:15:00	30.5749	72.1673	2.2065	0.1450	0.0044	23.7122	1.4065
2017-05-25 23:30:00	30.2708	71.1794	2.1547	0.1201	0.0036	24.0097	1.4100
2017-05-25 23:45:00	29.8970	68.8836	2.0594	0.0729	0.0022	23.3075	1.3518
2017-05-26 00:00:00	29.8652	73.0203	2.1808	0.0116	0.0003	23.4937	1.3612
2017-05-26 00:15:00	29.8685	72.8974	2.1773	0.0337	0.0010	23.7122	1.3740
2017-05-26 00:30:00	29.7666	71.1908	2.1191	0.0570	0.0017	23.3289	1.3472
2017-05-26 00:45:00	29.7720	71.1053	2.1169	0.1337	0.0040	23.1628	1.3378
2017-05-26 01:00:00	29.8115	71.5996	2.1345	0.2573	0.0077	23.1628	1.3396
2017-05-26 01:15:00	29.9646	69.3196	2.0771	0.1969	0.0059	23.1628	1.3465
2017-05-26 01:30:00	29.8818	69.5707	2.0789	0.2736	0.0082	23.0937	1.3388
2017-05-26 01:45:00	29.8483	72.0164	2.1496	0.3018	0.0090	22.7717	1.3186
2017-05-26 02:00:00	30.0444	71.4462	2.1466	0.3399	0.0102	23.1628	1.3501
2017-05-26 02:15:00	29.8566	71.8329	2.1447	0.4453	0.0133	23.1628	1.3416
2017-05-26 02:30:00	29.9340	70.4890	2.1100	0.4158	0.0124	23.1628	1.3451
2017-05-26 02:45:00	30.3278	70.6377	2.1423	0.3334	0.0101	23.1628	1.3628
2017-05-26 03:00:00	30.3142	70.5664	2.1392	0.2227	0.0068	23.1628	1.3622
2017-05-26 03:15:00	30.5106	69.8067	2.1298	0.1858	0.0057	22.9487	1.3583
2017-05-26 03:30:00 2017-05-26 03:45:00	30.8468	72.3306 72.6449	2.2312	0.0821	0.0025	22.7051	1.3587
2017-05-26 04:00:00	30.9109	69.6683	2.2455 2.1456	0.0416	0.0013 0.0037	22.7051 22.7051	1.3616
2017-05-26 04:00:00	30.7979 30.7750	69.4503	2.1456	0.1200 0.1579	0.0037	22.7051	1.3566 1.3556
2017-03-26 04:13:00	30.9295	72.4546	2.2410	0.1755	0.0054	22.7051	1.3624
2017-05-26 04:45:00	30.8465	73.9054	2.2797	0.3066	0.0034	22.5641	1.3503
2017-03-26 04:43:00	30.7785	69.6462	2.1436	0.4496	0.0138	23.0133	1.3741
2017-05-26 05:15:00	30.8162	69.4166	2.1430	0.3361	0.0138	23.6984	1.4168
2017-05-26 05:30:00	30.6972	74.9477	2.3007	0.2708	0.0083	23.1628	1.3794
2017-05-26 05:45:00	30.6951	72.9867	2.2403	0.3482	0.0107	23.1628	1.3793
2017-05-26 06:00:00	30.7317	71.3364	2.1923	0.3110	0.0096	23.4680	1.3992
2017-05-26 06:15:00	30.8168	69.1481	2.1309	0.1708	0.0053	23.5455	1.4077
2017-05-26 06:30:00	30.8452	71.6777	2.2109	0.3537	0.0109	23.0759	1.3809
2017-05-26 06:45:00	30.9223	75.6949	2.3407	0.2231	0.0069	22.8099	1.3683
2017-05-26 07:00:00	31.0517	70.7786	2.1978	0.0580	0.0018	23.1628	1.3953
2017-05-26 07:15:00	31.0817	68.8649	2.1404	0.0153	0.0005	23.1628	1.3967
2017-05-26 07:30:00	31.1462	74.2501	2.3126	0.0487	0.0015	22.7564	1.3750
2017-05-26 07:45:00	31.0746	75.5041	2.3463	0.2186	0.0068	22.5006	1.3564
2017-05-26 08:00:00	30.8021	74.3449	2.2900	0.2102	0.0065	22.0281	1.3163
2017-05-26 08:15:00	30.8282	73.0491	2.2520	0.0095	0.0003	21.6699	1.2960
2017-05-26 08:30:00	30.9568	74.8548	2.3173	0.0000	0.0000	21.1487	1.2701
2017-05-26 08:45:00	31.0117	76.5492	2.3739	0.0000	0.0000	21.1487	1.2724
2017-05-26 09:00:00	30.9545	71.5586	2.2151	0.0000	0.0000	21.3068	1.2795
2017-05-26 09:15:00	30.9704	69.9586	2.1666	0.0000	0.0000	21.6925	1.3033
2017-05-26 09:30:00	31.0070	71.0997	2.2046	0.0079	0.0002	21.1487	1.2722
2017-05-26 09:45:00	30.9510	76.0643	2.3543	0.0998	0.0031	20.7312	1.2448
2017-05-26 10:00:00	30.8962	73.5333	2.2719	0.1509	0.0047	20.5994	1.2347
2017-05-26 10:15:00	30.7061	70.7379	2.1721	0.2322	0.0071	20.5994	1.2271
2017-05-26 10:30:00	30.7007	70.7379	2.1717	0.4359	0.0134	20.3832	1.2140
2017-05-26 10:45:00	30.7067	71.7118	2.2020	0.7798	0.0239	20.4788	1.2199
2017-05-26 11:00:00	30.8458	70.5780	2.1770	1.4566	0.0449	20.5994	1.2327
2017-05-26 11:15:00	30.8953	69.4140	2.1446	1.8511	0.0572	20.5994	1.2347
2017-05-26 11:30:00	30.9128	69.4173	2.1459	1.3049	0.0403	20.5994	1.2354
2017-05-26 11:45:00	30.8721	71.0158	2.1924	0.7827	0.0242	20.5994	1.2337
2017-05-26 12:00:00	30.6405	73.4910	2.2518	0.4799	0.0147	20.5994	1.2245
2017-05-26 12:15:00	30.3944	73.5514	2.2356	0.1615	0.0049	20.5327	1.2107
2017-05-26 12:30:00	30.4400	74.1659	2.2576	0.0117	0.0004	20.1614	1.1906
2017-05-26 12:45:00	30.4624	74.1563	2.2590	0.0163	0.0005	20.1416	1.1903
2017-05-26 13:00:00	30.5318	72.4305	2.2114	0.0198	0.0006	20.1416	1.1930
2017-05-26 13:15:00	30.1849	71.9402	2.1715	0.0259	0.0008	19.6771	1.1523
2017-05-26 13:30:00	29.9190	73.0733	2.1863	0.0182	0.0005	19.6429	1.1401
2017-05-26 13:45:00	30.1612	74.1445	2.2363	0.0486	0.0015	20.4320	1.1955
2017-05-26 14:00:00	30.1296	72.3942	2.1812	0.5329	0.0161	19.9311	1.1650
2017-05-26 14:15:00	30.2470	71.3435	2.1579	0.4892	0.0148	19.4712	1.1426
2017-05-26 14:30:00	30.2809	71.5624	2.1670	0.1306	0.0040	18.7262	1.1001
2017-05-26 14:45:00	30.3183	74.7083	2.2650	0.0038	0.0001	19.0472	1.1203
2017-05-26 15:00:00	30.3803	73.7259	2.2398	1.3994	0.0425	19.5333	1.1512
2017-05-26 15:15:00	30.3100	72.0596	2.1841	4.1441	0.1256	19.7504	1.1613
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		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-26 15:45:00	30.3693	70.2957	2.1348	1.9046	0.0578	19.5923	1.1543
2017-05-26 16:00:00	30.5175	69.7181	2.1276	0.8567	0.0261	19.5923	1.1599
2017-05-26 16:15:00	30.4455	69.1871	2.1064	0.3094	0.0094	19.3853	1.1450
2017-05-26 16:30:00	30.3098	70.4587	2.1356	0.0351	0.0011	19.5224	1.1479
2017-05-26 16:45:00	30.1687	70.9116	2.1393	0.0415	0.0013	20.1416	1.1788
2017-05-26 17:00:00	30.4067	70.7299	2.1507	0.0864	0.0026	20.5790	1.2139
2017-05-26 17:15:00	30.6146	69.7148	2.1343	0.0593	0.0018	20.6433	1.2261
2017-05-26 17:30:00	30.4170	69.7359	2.1212	0.0973	0.0030	20.8618	1.2310
2017-05-26 17:45:00	30.4800	71.2945	2.1731	0.1971	0.0060	20.8398	1.2323
2017-05-26 18:00:00	30.5935	71.0106	2.1725	0.2874	0.0088	20.5994	1.2226
2017-05-26 18:15:00	30.4672	70.7940	2.1569	0.3003	0.0091	20.5994	1.2176
2017-05-26 18:30:00	30.3586	70.7161	2.1468	0.2541	0.0077	21.2003	1.2486
2017-05-26 18:45:00	30.2176	73.1524	2.2105	0.3902	0.0118	22.8196	1.3377
2017-05-26 19:00:00	30.2939	72.1698	2.1863	0.4226	0.0128	22.8308	1.3418
2017-05-26 19:15:00	30.2557	72.2840	2.1870	0.4079	0.0123	22.4574	1.3182
2017-05-26 19:30:00	30.1025	74.2320	2.2346	0.2062	0.0062	22.5542	1.3171
2017-05-26 19:45:00	29.9298	76.0202	2.2753	0.1222	0.0037	22.3180	1.2959
2017-05-26 20:00:00	29.8213	76.9941	2.2961	0.2813	0.0084	23.1779	1.3409
2017-05-26 20:15:00	29.6873	73.1904	2.1728	0.2903	0.0086	23.1628	1.3340
2017-05-26 20:30:00	29.8109	69.6150	2.0753	0.3768	0.0112	23.1628	1.3396
2017-05-26 20:45:00	29.8332	69.5351	2.0745	0.2885	0.0086	23.1628	1.3406
2017-05-26 21:00:00 2017-05-26 21:15:00	29.9050	71.9135	2.1506	0.1267	0.0038	23.2477	1.3487
2017-05-26 21:15:00 2017-05-26 21:30:00	29.9274 29.9166	72.9404 73.9735	2.1829 2.2130	0.0414 0.0330	0.0012 0.0010	23.5413 23.7122	1.3668 1.3762
2017-05-26 21:30:00							
2017-05-26 21:45:00 2017-05-26 22:00:00	30.1700 30.0645	72.4461 72.8698	2.1857 2.1908	0.0432 0.0303	0.0013 0.0009	24.5585 24.5143	1.4374 1.4298
2017-05-26 22:00:00		72.8698	2.1908	0.0303	0.0009	24.4934	1.4298
2017-05-26 22:15:00	30.2489 29.8650	74.7853	2.2335	0.0199	0.0006	25.3448	1.4575
2017-05-26 22:45:00	29.7553	74.7833	2.2333	0.0198	0.0006	24.4132	1.4093
2017-05-26 23:00:00	29.6252	70.8076	2.0977	0.1395	0.0021	23.8927	1.3732
2017-05-26 23:15:00	29.5731	76.7474	2.2697	0.1333	0.0036	22.0373	1.2643
2017-05-26 23:19:00	29.6077	86.2998	2.5551	0.1032	0.0031	21.6980	1.2463
2017-05-26 23:45:00	29.7342	80.1173	2.3822	0.0525	0.0016	21.5953	1.2457
2017-05-27 00:00:00	29.6359	74.6983	2.2138	0.0849	0.0025	21.9727	1.2633
2017-05-27 00:15:00	30.0286	71.2284	2.1389	0.4337	0.0130	22.1558	1.2907
2017-05-27 00:30:00	29.9660	67.8999	2.0347	1.7808	0.0534	22.1558	1.2880
2017-05-27 00:45:00	30.1053	66.5297	2.0029	1.8892	0.0569	22.1558	1.2940
2017-05-27 01:00:00	29.8953	66.2547	1.9807	1.8654	0.0558	22.1558	1.2850
2017-05-27 01:15:00	29.8269	66.0176	1.9691	1.5330	0.0457	22.1558	1.2820
2017-05-27 01:30:00	29.9356	65.0468	1.9472	1.0533	0.0315	21.9426	1.2743
2017-05-27 01:45:00	29.8547	65.6337	1.9595	0.5249	0.0157	21.6980	1.2567
2017-05-27 02:00:00	30.0686	70.1300	2.1087	0.5625	0.0169	21.6980	1.2657
2017-05-27 02:15:00	30.0330	76.1404	2.2867	0.5217	0.0157	21.9681	1.2800
2017-05-27 02:30:00	30.1352	73.5151	2.2154	0.4406	0.0133	21.8206	1.2757
2017-05-27 02:45:00	30.2181	71.1625	2.1504	0.4465	0.0135	21.7880	1.2773
2017-05-27 03:00:00	30.2608	69.9363	2.1163	0.4963	0.0150	22.1558	1.3007
2017-05-27 03:15:00	30.1889	69.5543	2.0998	0.4395	0.0133	22.1558	1.2976
2017-05-27 03:30:00	30.3483	72.2428	2.1924	0.4572	0.0139	22.1558	1.3044
2017-05-27 03:45:00	30.2273	69.8417	2.1111	0.3960	0.0120	22.4207	1.3148
2017-05-27 04:00:00	30.1080	77.9773	2.3477	0.3411	0.0103	22.6135	1.3208
2017-05-27 04:15:00	30.1287	86.7440	2.6135	0.3164	0.0095	22.1912	1.2971
2017-05-27 04:30:00	30.2437	90.3043	2.7311	0.2869	0.0087	22.1558	1.2999
2017-05-27 04:45:00	30.0320	87.1762	2.6181	0.2182	0.0066	22.1558	1.2908
2017-05-27 05:00:00	29.9528	84.8427	2.5413	0.2431	0.0073	22.1558	1.2874
2017-05-27 05:15:00	30.1359	68.4421	2.0626	2.3676	0.0714	22.1558	1.2953
2017-05-27 05:30:00	30.3033	65.3300	1.9797	2.3378	0.0708	22.1033	1.2994
2017-05-27 05:45:00	30.1627	65.6981	1.9816	0.7172	0.0216	21.8951	1.2812
2017-05-27 06:00:00	30.0649	68.8210	2.0691	0.4842	0.0146	21.9681	1.2813
2017-05-27 06:15:00	30.1583	77.6977	2.3432	0.3201	0.0097	21.6370	1.2659
2017-05-27 06:30:00	30.2999	80.4893	2.4388	0.5400	0.0164	21.2860	1.2512
2017-05-27 06:45:00	30.1044	72.8623	2.1935	0.4569	0.0138	22.0373	1.2870
2017-05-27 07:00:00	30.0623	68.8088	2.0686	0.5382	0.0162	21.8801	1.2761
2017-05-27 07:15:00	30.6801	68.7340	2.1088	0.3634	0.0111	21.6980	1.2915
2017-05-27 07:30:00	30.8785	72.4470	2.2371	0.1256	0.0039	21.1945	1.2696
2017-05-27 07:45:00	30.7660	77.0725	2.3712	0.0981	0.0030	20.8398	1.2438
2017-05-27 08:00:00	31.0298	74.9601	2.3260	0.1075	0.0033	21.0303	1.2660
2017-05-27 08:15:00	30.9955	72.0596	2.2335	0.2106	0.0065	20.8521	1.2539
2017-05-27 08:30:00	30.6917	70.4809	2.1632	0.1633	0.0050	20.9913	1.2499
2017-05-27 08:45:00	31.0617	69.9363	2.1723	0.5883	0.0183	22.5764	1.3604
2017-05-27 09:00:00	30.5557	68.6304	2.0971	1.4761	0.0451	21.5790	1.2792
2017-05-27 09:15:00	30.6159	67.7320	2.0737	1.2226	0.0374	21.1487	1.2561
2017-05-27 09:30:00	30.6296	68.5080	2.0984	0.5635	0.0173	21.7015	1.2895
2017-05-27 09:45:00	30.6954	71.1048	2.1826	0.3455	0.0106	22.7140	1.3526
2017-05-27 10:00:00	30.7405	76.9803	2.3664	0.2327	0.0072	22.7179	1.3548
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		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-27 10:30:00	30.7764	72.1393	2.2202	0.4188	0.0129	21.3745	1.2762
2017-05-27 10:45:00	30.7023	74.1770	2.2774	0.3232	0.0099	20.6567	1.2304
2017-05-27 11:00:00	30.7894	75.3153	2.3189	0.5949	0.0183	20.5994	1.2304
2017-05-27 11:15:00 2017-05-27 11:30:00	30.7881 30.6182	68.2194 67.5871	2.1003 2.0694	0.7473 0.7032	0.0230 0.0215	20.5907 20.1416	1.2299 1.1964
2017-05-27 11:30:00	30.7063	70.9289	2.1780	0.7032	0.0215	19.8950	1.1964
2017-05-27 11:43:00	30.8565	80.6946	2.4900	0.2514	0.0078	19.8779	1.1899
2017-05-27 12:15:00	30.6915	76.0921	2.3354	0.1868	0.0057	19.3675	1.1532
2017-05-27 12:30:00	30.0621	72.6033	2.1826	1.1514	0.0346	19.5923	1.1426
2017-05-27 12:45:00	29.8390	69.0225	2.0596	1.9319	0.0576	19.6326	1.1365
2017-05-27 13:00:00	29.5647	68.3029	2.0194	0.7212	0.0213	19.8987	1.1413
2017-05-27 13:15:00	29.2666	72.6204	2.1254	0.4098	0.0120	20.3374	1.1547
2017-05-27 13:30:00	29.3735	84.6775	2.4873	0.1739	0.0051	20.4178	1.1635
2017-05-27 13:45:00	29.4238	76.9761	2.2649	0.1800	0.0053	20.2499	1.1559
2017-05-27 14:00:00	29.5268	72.4292	2.1386	0.1795	0.0053	19.7302	1.1302
2017-05-27 14:15:00	29.6716	70.2216	2.0836	0.1590	0.0047	19.4326	1.1186
2017-05-27 14:30:00	29.5501	71.9258	2.1254	0.2127	0.0063	19.7599	1.1328
2017-05-27 14:45:00	29.6739	73.0268	2.1670	0.2121	0.0063	20.1416	1.1595
2017-05-27 15:00:00	29.8094	72.9046	2.1732	1.0357	0.0309	20.1416	1.1648
2017-05-27 15:15:00 2017-05-27 15:30:00	29.5204 29.7680	71.0509 73.1078	2.0975 2.1763	0.9813 0.2275	0.0290 0.0068	20.1416 20.1416	1.1535 1.1632
2017-05-27 15:30:00	29.7680	73.1078 76.9251	2.1763	0.2275	0.0068	19.9780	1.1632
2017-05-27 15:45:00	29.4814	78.5420	2.3155	0.0363	0.0019	20.5419	1.1749
2017-05-27 16:15:00	29.6286	78.5654	2.3278	0.0493	0.0011	21.5510	1.2387
2017-05-27 16:30:00	29.5265	76.5960	2.2616	0.7087	0.0209	21.3725	1.2242
2017-05-27 16:45:00	29.4814	77.9361	2.2977	0.3029	0.0089	21.6064	1.2358
2017-05-27 17:00:00	29.5536	80.2720	2.3723	0.2515	0.0074	22.0691	1.2653
2017-05-27 17:15:00	29.5482	76.3742	2.2567	0.2826	0.0084	21.6864	1.2431
2017-05-27 17:30:00	29.5103	74.8521	2.2089	0.2637	0.0078	21.6064	1.2370
2017-05-27 17:45:00	29.7536	74.7424	2.2239	0.3847	0.0114	21.9397	1.2664
2017-05-27 18:00:00	29.9196	71.4940	2.1391	2.6154	0.0783	22.3307	1.2962
2017-05-27 18:15:00	30.4903	68.8014	2.0978	2.4729	0.0754	22.2783	1.3178
2017-05-27 18:30:00	30.4343	67.1442	2.0435	2.2574	0.0687	22.6135	1.3352
2017-05-27 18:45:00	30.2535	67.9135	2.0546	2.1029	0.0636	22.9059	1.3444
2017-05-27 19:00:00	30.0045	67.8144	2.0347	2.1314	0.0640	23.1628	1.3483
2017-05-27 19:15:00	30.2721	67.7320	2.0504	1.5764	0.0477	23.1628	1.3603
2017-05-27 19:30:00	30.4968	68.7917	2.0979	0.5451	0.0166	23.3496 23.6188	1.3815
2017-05-27 19:45:00 2017-05-27 20:00:00	30.4572 30.2570	71.2705 76.7641	2.1707 2.3226	0.2317 0.2083	0.0071 0.0063	23.2245	1.3956 1.3632
2017-05-27 20:00:00	30.1008	78.8323	2.3729	0.0935	0.0003	24.0031	1.4017
2017-05-27 20:30:00	30.1438	73.8707	2.2267	0.0880	0.0027	23.8298	1.3935
2017-05-27 20:45:00	30.1237	71.2455	2.1462	0.0743	0.0022	23.9520	1.3998
2017-05-27 21:00:00	29.9173	72.9560	2.1826	0.0389	0.0012	24.5523	1.4250
2017-05-27 21:15:00	29.9148	83.2427	2.4902	0.6101	0.0183	24.9400	1.4474
2017-05-27 21:30:00	29.9762	72.0600	2.1601	2.3449	0.0703	24.2114	1.4080
2017-05-27 21:45:00	29.9687	70.5898	2.1155	2.2431	0.0672	24.1699	1.4052
2017-05-27 22:00:00	29.9189	68.6151	2.0529	1.7533	0.0525	23.5412	1.3664
2017-05-27 22:15:00	29.7390	68.5474	2.0385	0.2447	0.0073	22.7051	1.3099
2017-05-27 22:30:00	29.7972	76.9155	2.2919	0.1134	0.0034	22.2821	1.2881
2017-05-27 22:45:00	29.8566	80.8790	2.4148	0.1080	0.0032	22.5342	1.3052
2017-05-27 23:00:00	29.8417	73.8228	2.2030	0.1207	0.0036	22.4579	1.3002
2017-05-27 23:15:00	29.9375	69.5182	2.0812	0.1228	0.0037	22.4518	1.3040
2017-05-27 23:30:00	29.8930	68.7340	2.0547	0.1479	0.0044	22.1558	1.2849
2017-05-27 23:45:00 2017-05-28 00:00:00	29.9657 29.9341	69.3098 69.9809	2.0769 2.0948	0.1300 0.1876	0.0039 0.0056	22.1558 22.1558	1.2880 1.2866
2017-05-28 00:00:00	29.7913	71.1576	2.0948	0.1876	0.0080	22.1558	1.2805
2017-05-28 00:30:00	29.8799	71.6136	2.1199	0.2509	0.0075	22.6117	1.3107
2017-05-28 00:45:00	30.0894	71.3827	2.1479	0.2738	0.0073	22.7051	1.3254
2017-05-28 01:00:00	30.2571	70.3872	2.1297	0.2027	0.0061	22.7051	1.3328
2017-05-28 01:15:00	30.0884	77.9515	2.3454	0.2674	0.0080	22.2247	1.2973
2017-05-28 01:30:00	30.2572	85.7115	2.5934	0.3515	0.0106	22.1558	1.3005
2017-05-28 01:45:00	30.5830	82.3162	2.5175	0.5210	0.0159	21.6400	1.2839
2017-05-28 02:00:00	30.3329	69.1230	2.0967	0.5406	0.0164	21.6064	1.2714
2017-05-28 02:15:00	30.2854	67.9736	2.0586	0.5679	0.0172	21.5719	1.2674
2017-05-28 02:30:00	30.5876	66.7795	2.0426	0.7149	0.0219	21.1833	1.2570
2017-05-28 02:45:00	30.7034	68.5452	2.1046	0.5641	0.0173	21.5317	1.2825
2017-05-28 03:00:00	30.6993	74.1543	2.2765	0.6031	0.0185	21.6919	1.2919
2017-05-28 03:15:00	30.5240	70.9414	2.1654	0.4881	0.0149	22.1558	1.3120
2017-05-28 03:30:00	30.5156	68.1929	2.0809	0.5947	0.0181	22.1558	1.3116
2017-05-28 03:45:00	30.3841	70.3102	2.1363	0.3730	0.0113	22.1558	1.3060
2017-05-28 04:00:00	30.7656 30.9737	71.6486	2.2043	0.3440	0.0106	21.8396	1.3035
2017-05-28 04:15:00 2017-05-28 04:30:00	30.9737 31.2322	70.6629 70.7475	2.1887 2.2096	0.3992 0.3938	0.0124 0.0123	21.7155 22.3487	1.3049 1.3541
2017-05-28 04:45:00	31.2322	68.3488	2.2096	0.3806	0.0123	23.2373	1.4061
2017-05-28 05:00:00	31.3493	69.9927	2.1942	0.3141	0.0098	23.7122	1.4421

Parameter Volumetric Flow Rate Nox	m3 g/s 36 0.0094 35 0.0089 36 0.0089 36 0.0127 36 0.0114 37 0.0124 36 0.0091 37 0.0027 30 0.0000 30 0.0000 30 0.0000 30 0.0000 30 0.0000 37 0.0012 37 0.0012 37 0.0012 38 0.0055 39 0.0055 39 0.0055 30 0.0087 39 0.0184 39 0.0517 398 0.0440 306 0.0423 307 0.0211 308 0.0440 309 0.0211 309 0.0158	Ppmv 23.3662 22.8083 22.6218 22.0776 22.9548 23.3142 23.1628 22.7437 22.7051 22.3608 21.8506 21.6980 21.2927 21.1487 21.1487 21.6864 21.2018 20.5994 21.4638 21.6064 21.5566 22.0837 21.9360 22.1106 22.0514 22.1558	1.4221 1.3929 1.3711 1.3052 1.3620 1.3841 1.3822 1.3601 1.3621 1.3410 1.3018 1.2968 1.2736 1.2410 1.2281 1.2562 1.2254 1.1918 1.2402 1.2446 1.2449 1.2427 1.2762 1.2688 1.2777 1.2769
2017-05-28 05:15:00	366 0.0094 35 0.0089 363 0.0127 360 0.0114 364 0.0090 366 0.0000 367 0.0000 367 0.0012 367 0.0021 369 0.0065 367 0.0055 369 0.0087 369 0.0087 369 0.0517 369 0.0440 360 0.0423 360 0.0423 360 0.0423 360 0.0424 360 0.0423 360 0.0424 360 0.0423 360 0.0424 360 0.0423 360 0.0421 360 0.0423 360 0.0421 360 0.0423 360 0.0421 360 0.0421	23.3662 22.8083 22.6218 22.0776 22.9548 23.3142 23.1628 22.7437 22.7051 22.3608 21.8506 21.6980 21.2927 21.1487 21.1487 21.1487 21.6864 21.2018 20.5994 21.4638 21.6064 21.5566 22.0837 21.9360 22.1106 22.0514	1.4221 1.3929 1.3711 1.3052 1.3620 1.3841 1.3822 1.3601 1.3621 1.3410 1.3018 1.2968 1.2736 1.2410 1.2281 1.2562 1.2254 1.1918 1.2402 1.2446 1.2449 1.2427 1.2762 1.2688 1.2777
2017-05-28 05:30:00 31.4803 73.9299 2.3273 0.28 2017-05-28 06:00:00 31.2421 72.1996 2.2557 0.40 2017-05-28 06:05:00 30.4741 74.7410 2.2777 0.37 2017-05-28 06:05:00 30.5850 73.5997 2.2510 0.40 2017-05-28 06:45:00 30.5850 73.5997 2.2510 0.40 2017-05-28 06:45:00 30.5850 73.5997 2.2510 0.40 2017-05-28 06:45:00 30.5850 73.5997 2.2514 0.29 2017-05-28 06:45:00 30.5957 73.2575 2.2534 0.29 2017-05-28 07:00:00 30.8249 75.2598 2.3199 0.08 2017-05-28 07:30:00 30.9230 72.2373 2.2338 0.00 2017-05-28 07:30:00 30.9120 76.1912 2.3398 0.00 2017-05-28 07:45:00 30.30:00 76.1912 2.3398 0.00 2017-05-28 08:00:00 30.8078 74.5798 2.2976 0.00 2017-05-28 08:00:00 30.8326 74.5415 2.2993 0.00 2017-05-28 08:00:00 30.2461 73.9058 2.2354 0.00 2017-05-28 08:30:00 30.2461 73.9058 2.2354 0.00 2017-05-28 08:45:00 29.9330 74.3449 2.2254 0.03 2017-05-28 08:00:00 29.8331 78.3178 2.3385 0.00 2017-05-28 09:00:00 29.8234 74.1243 2.2106 0.18 2017-05-28 09:00:00 29.8234 74.1243 2.2106 0.18 2017-05-28 10:30:00 29.6917 69.9390 2.0766 0.61 2017-05-28 10:35:00 29.7828 71.1667 2.1195 0.29 2017-05-28 10:00:00 29.8484 70.0539 2.0868 1.41 2017-05-28 11:30:00 29.7884 70.0539 2.0868 1.41 2017-05-28 11:30:00 29.8477 70.5495 2.1057 0.53 2017-05-28 11:30:00 29.8862 73.1395 2.1365 0.39 2017-05-28 11:30:00 29.9331 75.5495 2.1057 0.53 2017-05-28 11:30:00 29.9341 75.1543 2.2427 0.26 2017-05-28 11:30:00 29.9386 77.787 2.1635 1.26 2017-05-28 11:30:00 29.9412 74.5923 2.2334 0.27 2017-05-28 11:30:00 29.9412 74.5923 2.2334 0.27 2017-05-28 11:30:00 29.9412 74.5923 2.2334 0.27 2017-05-28 11:30:00 29.9412 74.5923 2.2334 0.27 2017-05-28 11:30:00 29.9466 86.7135 2.2457 0.36 2017-05-28 13:30:00 29.95699 77.877 2.1635 1.26 2017-05-28 13:	35 0.0089 363 0.0127 360 0.0114 370 0.0124 364 0.0090 366 0.0000 374 0.0027 370 0.0000 370 0.0000 371 0.0000 373 0.0001 374 0.0021 375 0.0021 377 0.0055	22.8083 22.6218 22.0776 22.9548 23.3142 23.1628 22.7437 22.7051 22.3608 21.8506 21.6980 21.2927 21.1487 21.1487 21.6864 21.2018 20.5994 21.4638 21.6064 21.5566 22.0837 21.9360 22.1106 22.0514	1.3929 1.3711 1.3052 1.3620 1.3841 1.3822 1.3601 1.3621 1.3410 1.3018 1.2968 1.2736 1.2410 1.2281 1.2562 1.2254 1.1918 1.2402 1.2446 1.2449 1.2427 1.2762 1.2688 1.2777
2017-05-28 05:45:00 31.2421 72.1996 2.2557 0.40	33 0.0127 30 0.0114 70 0.0124 54 0.0090 66 0.0091 74 0.0027 70 0.0000 70 0.00000 70 0.0000 70 0.0000	22.6218 22.0776 22.9548 23.3142 23.1628 22.7437 22.7051 22.3608 21.8506 21.6980 21.2927 21.1487 21.1487 21.6864 21.2018 20.5994 21.4638 21.6064 21.5566 22.0837 21.9360 22.1106 22.0514	1.3711 1.3052 1.3620 1.3841 1.3822 1.3601 1.3621 1.3410 1.3018 1.2968 1.2736 1.2410 1.2281 1.2562 1.2254 1.1918 1.2402 1.2446 1.2449 1.2427 1.2762 1.2688 1.2777
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2017-05-28 19:45:00 29.9757 67.6347 2.0274 0.03	95 0.0012	23.1532	1.3464
2017-05-28 20:00:00 29.8559 66.2391 1.9776 0.01		22.3816	1.2964
2017-05-28 20:15:00 30.0171 81.0961 2.4343 0.00		21.8671	1.2734
2017-05-28 20:30:00 30.4484 76.8131 2.3388 0.18		21.6064	1.2763
2017-05-28 20:45:00 30.5932 70.3427 2.1520 0.26		21.6064	1.2824
2017-05-28 21:00:00 30.4864 69.0718 2.1058 0.08		21.6064	1.2779
2017-05-28 21:15:00 30.7633 72.0128 2.2154 0.15		21.6064	1.2895
2017-05-28 21:30:00 30.7192 71.4655 2.1954 0.12	0.0046	21.7926	1.2987
2017-05-28 21:45:00 30.5711 69.8542 2.1355 0.05	0.0046 0.0037	21.7285	1.2887
2017-05-28 22:00:00 30.4271 84.2769 2.5643 0.01 2017-05-28 22:15:00 30.4330 89.8298 2.7338 0.02	0.0046 0.0037 0.0016	21.6064 21.6064	1.2754 1.2756
2017-05-28 22:30:00 30.1096 81.9869 2.4686 0.00	01 0.0046 14 0.0037 28 0.0016 07 0.0003	21.6064	1.2621
2017-05-28 22:45:00 29.9286 81.9598 2.4529 0.00	01 0.0046 14 0.0037 28 0.0016 07 0.0003 05 0.0006	21.4717	1.2621
2017-03-22 22:43.00 29.7502 79.7031 2.3712 0.00	01 0.0046 14 0.0037 28 0.0016 07 0.0003 05 0.0006 11 0.0000	21.5491	1.2437
2017-05-28 23:05:00 29:8551 78:5193 2:3442 0.00	01 0.0046 14 0.0037 28 0.0016 07 0.0003 05 0.0006 11 0.0000 00 0.0000		1.2326
2017-05-28 23:30:00 30.0932 72.6781 2.1871 0.04	01 0.0046 14 0.0037 28 0.0016 07 0.0003 05 0.0006 11 0.0000 00 0.0000	21.2817	
2017-05-28 23:45:00 29.9433 68.5409 2.0523 0.00	01 0.0046 14 0.0037 28 0.0016 07 0.0003 05 0.0006 11 0.0000 00 0.0000 00 0.0000	21.2817 21.2494	1.2406

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-29 00:00:00	29.9480	68.8208	2.0610	0.0210	0.0006	21.6064	1.2553
2017-05-29 00:15:00	29.9107	70.2670	2.1017	0.0473	0.0014	21.8652	1.2688
2017-05-29 00:30:00	29.9476	71.3978	2.1382	0.0020	0.0001	22.1558	1.2872
2017-05-29 00:45:00	29.9204	72.6630	2.1741	0.0003	0.0000	22.1558	1.2860
2017-05-29 01:00:00	29.9486	73.4534	2.1998	0.0247	0.0007	22.1558	1.2873
2017-05-29 01:15:00	29.9332	68.9511	2.0639	0.0191	0.0006	22.1558	1.2866
2017-05-29 01:30:00	30.0437	69.9724	2.1022	0.0646	0.0019	22.1558	1.2913
2017-05-29 01:45:00	30.1493	78.0352	2.3527	0.1111	0.0034	21.9798	1.2856
2017-05-29 02:00:00	30.0588	77.7088	2.3358	0.0871	0.0026	22.0067	1.2833
2017-05-29 02:15:00	30.0211	72.4100	2.1738	0.1193	0.0036	22.0357	1.2834
2017-05-29 02:30:00	30.1072	72.1406	2.1720	0.1335	0.0040	22.0830	1.2898
2017-05-29 02:45:00	30.0963	72.1406	2.1712	0.1101	0.0033	22.1558	1.2936
2017-05-29 03:00:00	29.9624	72.8705	2.1834	0.1213	0.0036	22.1558	1.2878
2017-05-29 03:15:00	30.0759 29.9396	72.9244 72.1774	2.1933 2.1610	0.1375 0.1256	0.0041 0.0038	22.1558 21.9401	1.2927 1.2743
2017-05-29 03:30:00 2017-05-29 03:45:00	29.8502	72.1774	2.1610	0.1236	0.0038	22.1558	1.2743
2017-05-29 03:45:00	29.9614	71.4860	2.1339	0.1624	0.0048	22.1558	1.2878
2017-05-29 04:00:00	30.0987	69.2283	2.0837	0.2160	0.0043	22.1558	1.2937
2017-05-29 04:13:00	29.9673	71.1741	2.1329	0.1001	0.0030	22.1558	1.2881
2017-05-29 04:30:00	29.9496	70.6344	2.1329	0.1001	0.0030	22.1558	1.3155
2017-05-29 04:45:00	29.9996	69.9363	2.1155	0.0736	0.0022	22.7051	1.3214
2017-05-29 05:00:00	29.9310	69.8762	2.0981	0.0175	0.0005	22.7051	1.3214
2017-05-29 05:30:00	29.9704	74.3708	2.2289	0.0232	0.0003	22.7051	1.3201
2017-05-29 05:45:00	29.9850	72.7652	2.1819	0.0232	0.0007	22.7051	1.3201
2017-05-29 06:00:00	30.0349	67.9335	2.0404	0.0474	0.0008	22.7051	1.3230
2017-05-29 06:15:00	29.9948	68.3595	2.0504	0.0547	0.0016	22.7051	1.3212
2017-05-29 06:30:00	30.0156	72.7783	2.1845	0.0037	0.0001	22.7737	1.3261
2017-05-29 06:45:00	30.0540	73.5327	2.2099	0.0036	0.0001	22.9574	1.3385
2017-05-29 07:00:00	30.0196	68.3194	2.0509	0.0207	0.0006	22.7854	1.3270
2017-05-29 07:15:00	30.0335	70.1104	2.1057	0.0049	0.0001	23.1628	1.3496
2017-05-29 07:30:00	29.9321	74.0230	2.2157	0.0030	0.0001	22.8790	1.3285
2017-05-29 07:45:00	29.9858	71.8594	2.1548	0.7807	0.0234	22.7844	1.3254
2017-05-29 08:00:00	29.9515	77.8640	2.3321	0.2247	0.0067	22.7051	1.3193
2017-05-29 08:15:00	29.9922	73.5681	2.2065	0.0212	0.0006	22.7051	1.3211
2017-05-29 08:30:00	30.0243	72.2689	2.1698	0.0472	0.0014	22.8658	1.3319
2017-05-29 08:45:00	30.0049	69.9363	2.0984	0.0789	0.0024	23.1628	1.3483
2017-05-29 09:00:00	29.9216	68.7556	2.0573	0.0564	0.0017	22.7856	1.3227
2017-05-29 09:15:00	30.0746	68.2753	2.0534	0.0701	0.0021	23.8382	1.3908
2017-05-29 09:30:00	30.0478	67.7187	2.0348	0.1128	0.0034	24.4000	1.4223
2017-05-29 09:45:00	30.0261	68.7084	2.0630	0.1261	0.0038	24.0485	1.4008
2017-05-29 10:00:00	29.9072	77.4082	2.3151	0.2334	0.0070	23.6206	1.3705
2017-05-29 10:15:00	29.9387	73.9595	2.2143	0.3277	0.0098	23.6206	1.3719
2017-05-29 10:30:00	29.9262	71.7846	2.1482	0.3712	0.0111	23.1918	1.3464
2017-05-29 10:45:00	29.9754	74.3102	2.2275	0.4225	0.0127	22.9260	1.3332
2017-05-29 11:00:00	29.8934	76.1972	2.2778	0.3776	0.0113	22.2875	1.2925
2017-05-29 11:15:00	30.0645	72.9598	2.1935	0.3861	0.0116	22.1558	1.2922
2017-05-29 11:30:00	29.9033	70.9683	2.1222	0.3474	0.0104	22.1929	1.2875
2017-05-29 11:45:00	29.8590	75.2669	2.2474	0.1607	0.0048	22.3475	1.2945
2017-05-29 12:00:00	29.8861	78.1056	2.3343	0.0707	0.0021	22.0490	1.2784
2017-05-29 12:15:00	29.9042	79.4295	2.3753	0.0491	0.0015	21.9897	1.2757
2017-05-29 12:30:00	29.8670	75.1102	2.2433	0.0319	0.0010	21.4895	1.2451
2017-05-29 12:45:00	29.9929	72.8538	2.1851	0.0913	0.0027	22.8489	1.3295
2017-05-29 13:00:00	30.0762	70.6321	2.1243	1.3032	0.0392	23.2457	1.3563
2017-05-29 13:15:00	29.9757	68.8965	2.0652	1.2947	0.0388	22.7264	1.3216
2017-05-29 13:30:00	29.8012	69.9190	2.0837	0.4471	0.0133	22.3262	1.2908
2017-05-29 13:45:00	29.7920	75.1485	2.2388	0.1558	0.0046	21.9714	1.2699
2017-05-29 14:00:00	29.7494	80.1200	2.3835	0.0915	0.0027	21.6064	1.2470
2017-05-29 14:15:00	30.0494	81.0362	2.4351	0.0429	0.0013	21.6064	1.2596
2017-05-29 14:30:00	30.0774	77.2510	2.3235	0.0450	0.0014	21.6064	1.2607
2017-05-29 14:45:00	29.9707	76.6178	2.2963	0.7960	0.0239	21.6064	1.2563
2017-05-29 15:00:00	29.8707	74.5206	2.2260	1.8596	0.0555	21.6064	1.2521
2017-05-29 15:15:00	29.5829	81.8720	2.4220	0.3702	0.0110	21.4478	1.2309
2017-05-29 15:30:00	29.7175	81.0714	2.4092	0.8911	0.0265	22.5030	1.2973
2017-05-29 15:45:00	29.6764	78.5110	2.3299	1.7597	0.0522	23.6932	1.3641
2017-05-29 16:00:00	29.8307	80.8830	2.4128	1.0663	0.0318	23.7622	1.3752
2017-05-29 16:15:00	29.7546	77.1914	2.2968	1.4757	0.0439	24.1699	1.3952
2017-05-29 16:30:00	29.7766	78.5999	2.3404	0.5302	0.0158	24.3576	1.4071
2017-05-29 16:45:00	30.0890	77.9698	2.3460	0.8122	0.0244	24.7113	1.4425
2017-05-29 17:00:00	30.0917	75.3729	2.2681	2.3686	0.0713	25.5859	1.4937
2017-05-29 17:15:00	30.2461	79.4767	2.4039	0.3784	0.0114	26.0473	1.5284
2017-05-29 17:30:00	30.2881	82.7357	2.5059	0.4133	0.0125	26.1841	1.5385
2017-05-29 17:45:00	30.4679	84.6463	2.5790	0.4942	0.0151	26.4337	1.5624
2017-05-29 18:00:00	30.4251	89.2322	2.7149	0.3916	0.0119	25.3248	1.4948
2017-05-29 18:15:00	30.3349 30.4393	128.4493 123.1365	3.8965	0.2329	0.0071	22.9953	1.3533
2017-05-29 18:30:00			3.7482	0.2505	0.0076	22.1558	1.3083

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-29 18:45:00	30.6764	91.0956	2.7945	0.3241	0.0099	22.0911	1.3147
2017-05-29 19:00:00	30.7944	88.1472	2.7144	0.3111	0.0096	21.6064	1.2908
2017-05-29 19:15:00	30.7830	83.5135	2.5708	0.2720	0.0084	22.1021	1.3199
2017-05-29 19:30:00	30.8018	79.6648	2.4538	0.2909	0.0090	21.7407	1.2991
2017-05-29 19:45:00	30.8855	80.3816	2.4826	0.2661	0.0082	22.1558	1.3275
2017-05-29 20:00:00	30.9653	79.5359	2.4629	0.2555	0.0079	22.5698	1.3558
2017-05-29 20:15:00	31.0171	77.3236	2.3984	0.2331	0.0072	22.5275	1.3555
2017-05-29 20:30:00	31.0602	78.6400	2.4426	0.2423	0.0075	22.5138	1.3566
2017-05-29 20:45:00	31.0172	76.0747	2.3596	0.2093	0.0065	22.6135	1.3607
2017-05-29 21:00:00	30.9581	77.6151	2.4028	0.2557	0.0079	22.2666	1.3373
2017-05-29 21:15:00	31.0512	79.6746	2.4740	0.1610	0.0050	22.3272	1.3450
2017-05-29 21:30:00	31.0582	80.5116	2.5005	0.2013	0.0063	22.2473	1.3405
2017-05-29 21:45:00	31.1377	76.7360	2.3894	0.1183	0.0037	22.4450	1.3558
2017-05-29 22:00:00	31.3069	71.3515	2.2338	0.1978	0.0062	23.0119	1.3976
2017-05-29 22:15:00	31.2938	67.5007	2.1124	0.1863	0.0058	22.9752	1.3948
2017-05-29 22:30:00	31.2109	66.1456	2.0645	0.0736	0.0023	22.4032	1.3565
2017-05-29 22:45:00	31.0810	67.3137	2.0922	0.0633	0.0020	21.5041	1.2966
2017-05-29 23:00:00	31.1733	70.1124	2.1856	0.0434	0.0014	21.2958	1.2879
2017-05-29 23:15:00	31.2216	68.2947	2.1323	0.0490	0.0015	22.2524	1.3478
2017-05-29 23:30:00 2017-05-29 23:45:00	30.1483 29.7139	65.6903 66.5297	1.9804 1.9769	0.0654 0.0159	0.0020 0.0005	22.6135 22.3526	1.3226 1.2885
2017-05-29 23:45:00	29.7139	67.1255	1.9769	0.0159	0.0003	21.7133	1.2885
2017-05-30 00:00:00	29.6681	67.1255	1.9924	0.0093	0.0003	21.7133	1.2503
2017-05-30 00:13:00	29.6725	67.7320	2.0098	0.0088	0.0003	21.4472	1.2346
2017-05-30 00:30:00	29.8115	68.2898	2.0098	0.0035	0.0001	21.1487	1.2346
2017-05-30 01:00:00	30.0155	68.8355	2.0661	0.0001	0.0000	21.1487	1.2315
2017-05-30 01:05:00	30.3410	69.5930	2.1115	0.0000	0.0000	21.1487	1.2448
2017-05-30 01:30:00	29.9989	67.9153	2.0374	0.0018	0.0001	21.1487	1.2308
2017-05-30 01:45:00	29.9306	66.5186	1.9909	0.0131	0.0004	21.3343	1.2388
2017-05-30 02:00:00	29.9167	66.0621	1.9764	0.1520	0.0045	21.7145	1.2603
2017-05-30 02:15:00	30.2208	63.9362	1.9322	1.1124	0.0336	22.1558	1.2990
2017-05-30 02:30:00	30.7929	62.4350	1.9226	0.7752	0.0239	22.1558	1.3235
2017-05-30 02:45:00	30.9731	62.0487	1.9218	0.4211	0.0130	22.1558	1.3313
2017-05-30 03:00:00	31.0203	62.4871	1.9384	0.1417	0.0044	22.5934	1.3597
2017-05-30 03:15:00	30.0724	63.9858	1.9242	0.0527	0.0016	22.3877	1.3061
2017-05-30 03:30:00	30.1266	64.8518	1.9538	0.0133	0.0004	22.2711	1.3016
2017-05-30 03:45:00	30.2321	65.5277	1.9810	0.0024	0.0001	22.3065	1.3083
2017-05-30 04:00:00	30.2418	65.4182	1.9784	0.0006	0.0000	22.1558	1.2999
2017-05-30 04:15:00	30.2043	64.9145	1.9607	0.0225	0.0007	22.1914	1.3003
2017-05-30 04:30:00	29.9840	64.8691	1.9450	0.0780	0.0023	22.1558	1.2888
2017-05-30 04:45:00	30.2049	64.6066	1.9514	0.1191	0.0036	22.5011	1.3185
2017-05-30 05:00:00	30.3130	63.7431	1.9322	0.2131	0.0065	22.6886	1.3343
2017-05-30 05:15:00	30.2864	63.2313	1.9150	0.4376	0.0133	23.1628	1.3609
2017-05-30 05:30:00	30.2344	62.2787	1.8830	0.4893	0.0148	23.1628	1.3586
2017-05-30 05:45:00	30.2413	62.4871	1.8897	0.2814	0.0085	23.0212	1.3506
2017-05-30 06:00:00	30.1107	65.0619	1.9591	0.0076	0.0002	22.6135	1.3210
2017-05-30 06:15:00	30.0880	74.4961	2.2414	0.0001	0.0000	22.6135	1.3200
2017-05-30 06:30:00	30.0780	78.7419	2.3684	0.0003	0.0000	22.6135	1.3195
2017-05-30 06:45:00	29.9282	76.0934	2.2773	0.0000	0.0000	22.2855	1.2939
2017-05-30 07:00:00	29.9735	74.7130	2.2394	0.0000	0.0000	22.1558	1.2883
2017-05-30 07:15:00	30.1305	71.0977	2.1422	0.0000	0.0000	22.3444	1.3061
2017-05-30 07:30:00	30.1474	70.5898	2.1281	0.0000	0.0000	22.5293	1.3176
2017-05-30 07:45:00	30.1766	72.0729	2.1749	0.0000	0.0000	22.1558	1.2971
2017-05-30 08:00:00	30.3540	77.0542	2.3389	0.0000	0.0000	22.1558	1.3047
2017-05-30 08:15:00	30.5094	73.0248	2.2279	0.0000	0.0000	22.4162	1.3268
2017-05-30 08:30:00	30.3035	68.2631	2.0686	0.0000	0.0000	22.5021	1.3229
2017-05-30 08:45:00	30.4050	69.8869	2.1249	0.0000	0.0000	22.1558	1.3069
2017-05-30 09:00:00	30.3345	78.0831	2.3686	0.0000	0.0000	22.1563	1.3039
2017-05-30 09:15:00	30.4678	71.4025	2.1755	0.0190	0.0006	22.6135	1.3366
2017-05-30 09:30:00	30.7046	69.6972	2.1400	0.1789	0.0055	22.4957	1.3400
2017-05-30 09:45:00	30.6777	69.0691	2.1189	0.3406	0.0104	23.1628	1.3785
2017-05-30 10:00:00	30.5723	73.2254	2.2387	0.4821	0.0147	22.9236	1.3596
2017-05-30 10:15:00	30.7358	74.4665	2.2888	0.5465	0.0168	22.8906	1.3649
2017-05-30 10:30:00	30.3062	77.2078	2.3399	0.5150	0.0156	21.9845	1.2926
2017-05-30 10:45:00	30.5870	77.1068	2.3585	0.4928	0.0151	21.4920	1.2753
2017-05-30 11:00:00	30.7109	69.9261	2.1475	0.4605	0.0141	21.6064	1.2873
2017-05-30 11:15:00	30.6232	68.5336	2.0987	0.4570	0.0140	21.8726	1.2994
2017-05-30 11:30:00	30.5853	69.5903	2.1284	0.4487	0.0137	22.0435	1.3080
2017-05-30 11:45:00	30.6247	70.3569	2.1547	0.4739	0.0145	21.3715	1.2697
2017-05-30 12:00:00	30.2292	79.6813	2.4087	0.4122	0.0125	20.8746	1.2242
2017-05-30 12:15:00	30.2479	75.7590	2.2915	0.3553	0.0107	21.0828	1.2372
2017-05-30 12:30:00	30.1650	71.8260	2.1666	0.6789	0.0205	21.1487	1.2376
2017-05-30 12:45:00	30.2418	69.6106	2.1051	1.4602	0.0442	21.1487	1.2408
2017-05-30 13:00:00 2017-05-30 13:15:00	30.4639	67.5450	2.0577	0.9394	0.0286	21.1487	1.2499
	29.9233	70.5415	2.1108	0.2858	0.0086	20.8759	1.2119

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-30 13:30:00	29.9657	74.9940	2.2472	0.0390	0.0012	20.6787	1.2021
2017-05-30 13:45:00	30.0572	75.7200	2.2759	0.0950	0.0029	20.5994	1.2012
2017-05-30 14:00:00	30.2844	74.8116	2.2656	0.1076	0.0033	20.5994	1.2102
2017-05-30 14:15:00	30.7559	76.2464	2.3450	0.7093	0.0218	20.7916	1.2406
2017-05-30 14:30:00	30.9149	73.3456	2.2675	2.8500	0.0881	20.7452	1.2442
2017-05-30 14:45:00	30.7742	79.2538	2.4390	0.2908	0.0089	20.8081	1.2423
2017-05-30 15:00:00	30.6609	83.5166	2.5607	0.1376	0.0042	20.7275	1.2329
2017-05-30 15:15:00	30.7765	79.3211	2.4412	0.1150	0.0035	20.5994	1.2299
2017-05-30 15:30:00	30.4206	76.2983	2.3210	0.2432	0.0074	20.3608	1.2016
2017-05-30 15:45:00	30.2471	75.1064	2.2718	1.3428	0.0406	20.6146	1.2097
2017-05-30 16:00:00	30.6047	73.1615	2.2391	4.5704	0.1399	21.1487	1.2557
2017-05-30 16:15:00	30.7323	73.2826	2.2521	3.8411	0.1180	20.9985	1.2519
2017-05-30 16:30:00	30.7136	95.7498	2.9408	0.1608	0.0049	20.7825	1.2383
2017-05-30 16:45:00	30.5737	93.5700	2.8608	0.1656	0.0051	21.1487	1.2544
2017-05-30 17:00:00	30.4606	79.3948	2.4184	0.1500	0.0046	21.2596	1.2563
2017-05-30 17:15:00	30.4930	76.2448	2.3249	0.1333	0.0041	21.6064	1.2782
2017-05-30 17:30:00	30.5869	71.9576	2.2010	0.0925	0.0028	21.4762	1.2744
2017-05-30 17:45:00	30.5791	70.7744 69.9056	2.1642	0.0392	0.0012	21.4167	1.2705
2017-05-30 18:00:00 2017-05-30 18:15:00	30.6414	72.3328	2.1420	0.0035	0.0001 0.0000	21.1487 21.4350	1.2572
2017-05-30 18:15:00	30.5833 30.6502	72.3328	2.2122 2.2349	0.0000 0.0028	0.0001	21.4350	1.2718 1.2847
2017-05-30 18:35:00	30.7727	72.9179	2.2349	0.0028	0.0001	22.2588	1.3288
2017-05-30 18:45:00	30.6397	69.0052	2.1766	0.0003	0.0000	22.2588	1.3528
2017-05-30 19:00:00	30.7417	67.7810	2.1143	0.0180	0.0006	23.1862	1.3828
2017-05-30 19:15:00	31.1583	69.0675	2.1520	0.0180	0.0006	24.1992	1.4628
2017-05-30 19:45:00	31.2659	70.4660	2.2032	0.0064	0.0002	24.6091	1.4927
2017-05-30 20:00:00	31.2459	72.0983	2.2528	0.0001	0.0002	24.1699	1.4651
2017-05-30 20:15:00	31.1643	72.8698	2.2709	0.0003	0.0000	24.1699	1.4613
2017-05-30 20:30:00	31.0835	72.2693	2.2464	0.0000	0.0000	24.3353	1.4675
2017-05-30 20:45:00	31.0908	70.4406	2.1901	0.0001	0.0000	24.8164	1.4968
2017-05-30 21:00:00	31.0454	73.1165	2.2699	0.0000	0.0000	24.7920	1.4932
2017-05-30 21:15:00	30.9704	71.1788	2.2044	0.0004	0.0000	24.9832	1.5011
2017-05-30 21:30:00	30.9538	70.9623	2.1966	0.0012	0.0000	24.7192	1.4844
2017-05-30 21:45:00	30.8705	75.0904	2.3181	0.0011	0.0000	25.1136	1.5040
2017-05-30 22:00:00	30.9533	90.2314	2.7930	0.0007	0.0000	25.7263	1.5449
2017-05-30 22:15:00	30.8651	93.0668	2.8725	0.0017	0.0001	25.0646	1.5008
2017-05-30 22:30:00	30.7600	87.7522	2.6993	0.0000	0.0000	23.6125	1.4091
2017-05-30 22:45:00	30.6465	73.5084	2.2528	0.0000	0.0000	22.7079	1.3501
2017-05-30 23:00:00	30.8063	75.4827	2.3253	0.0000	0.0000	22.0428	1.3174
2017-05-30 23:15:00	30.7943	71.9805	2.2166	0.0000	0.0000	22.0313	1.3162
2017-05-30 23:30:00	30.7299	69.9363	2.1491	0.0004	0.0000	22.1558	1.3208
2017-05-30 23:45:00	30.9023	74.5669	2.3043	0.0000	0.0000	22.1558	1.3282
2017-05-31 00:00:00	30.9694	71.0509	2.2004	0.0000	0.0000	22.1558	1.3311
2017-05-31 00:15:00	30.9863	70.3168	2.1789	0.0010	0.0000	21.7743	1.3089
2017-05-31 00:30:00	30.9072	72.3766	2.2370	0.0007	0.0000	22.0723	1.3235
2017-05-31 00:45:00	30.9376	71.5782	2.2145	0.0004	0.0000	22.0630	1.3242
2017-05-31 01:00:00	30.8425	70.3917	2.1711	0.0009	0.0000	22.1960	1.3281
2017-05-31 01:15:00	30.9793	69.3592	2.1487	0.0005	0.0000	22.3206	1.3415
2017-05-31 01:30:00	31.0053	70.8065	2.1954	0.0008	0.0000	22.4080	1.3479
2017-05-31 01:45:00	31.0625	73.1426	2.2720	0.0021	0.0001	22.1558	1.3351
2017-05-31 02:00:00	30.9166	71.7648	2.2187	0.0002	0.0000	21.7651	1.3054
2017-05-31 02:15:00	31.0507	70.9942	2.2044	0.0013	0.0000	21.6980	1.3070
2017-05-31 02:30:00	31.0310	68.1595	2.1151	0.0018	0.0001	21.6980	1.3062
2017-05-31 02:45:00	31.0355	70.8120	2.1977	0.0002	0.0000	21.6980	1.3064
2017-05-31 03:00:00	31.1535	73.0105	2.2745	0.0020	0.0001	21.7107	1.3121
2017-05-31 03:15:00	30.9138	70.7332	2.1866	0.0000	0.0000	22.0388	1.3217
2017-05-31 03:30:00	30.5506	70.0485	2.1400	0.0002	0.0000	22.0306	1.3057
2017-05-31 03:45:00	30.8296	69.4231	2.1403	0.0032	0.0001	22.0469	1.3186
2017-05-31 04:00:00	30.8163	73.3496	2.2604	0.0004	0.0000	22.0964	1.3210
2017-05-31 04:15:00	30.9702	72.2869	2.2387	0.0012	0.0000	21.6064	1.2982
2017-05-31 04:30:00	31.0924	71.1547	2.2124	0.0023	0.0001	21.6064	1.3033
2017-05-31 04:45:00	31.0075	71.2932	2.2106	0.0000	0.0000	21.6064	1.2997
2017-05-31 05:00:00	30.8571	70.5197	2.1760	0.0000	0.0000	21.6064	1.2934
2017-05-31 05:15:00	30.6545	72.3493	2.2178	0.0292	0.0009	21.6064	1.2849
2017-05-31 05:30:00	30.6837	72.3379	2.2196	0.1361	0.0042	21.9238	1.3050
2017-05-31 05:45:00	30.8455	69.4647	2.1427	0.0987	0.0030	22.1558	1.3258
2017-05-31 06:00:00	30.9622	71.8135	2.2235	0.0381	0.0012	22.5444	1.3542
2017-05-31 06:15:00	30.8918	71.1467	2.1979	0.0498	0.0015	22.6135	1.3552
2017-05-31 06:30:00	30.7685	75.4869	2.3226	0.0522	0.0016	22.2000	1.3251
2017-05-31 06:45:00	30.9335	72.5494	2.2442	0.0469	0.0015	22.4311	1.3461
2017-05-31 07:00:00	30.7522	67.3179	2.0702	0.0070	0.0002	22.4189	1.3375
2017-05-31 07:15:00	30.6147	71.9930	2.2040	0.0000	0.0000	22.0929	1.3122
2017-05-31 07:30:00	30.8729	81.8765	2.5278	0.0000	0.0000	22.7051	1.3599
2017-05-31 07:45:00	31.0440	75.9654	2.3583	0.0000	0.0000	22.9583	1.3827
2017-05-31 08:00:00	31.1193	71.9861	2.2402	0.0066	0.0002	22.4264	1.3539

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-05-31 08:15:00	31.0503	71.8265	2.2302	0.0000	0.0000	22.0038	1.3255
2017-05-31 08:30:00	30.7621	68.8821	2.1190	0.0012	0.0000	22.1271	1.3205
2017-05-31 08:45:00	30.6724	67.7320	2.0775	0.0095	0.0003	21.6064	1.2857
2017-05-31 09:00:00	30.2900	68.2898	2.0685	0.0054	0.0002	22.1466	1.3014
2017-05-31 09:15:00	30.4060	75.0683	2.2825	0.0098	0.0003	22.1558	1.3069
2017-05-31 09:30:00	29.9486	80.8761	2.4221	0.0021	0.0001	22.0593	1.2817
2017-05-31 09:45:00	29.8759	75.6359	2.2597	0.0034	0.0001	21.3598	1.2380
2017-05-31 10:00:00	29.7201	72.4067	2.1519	0.0000	0.0000	21.1487	1.2194
2017-05-31 10:15:00	29.7397	70.9793	2.1109	0.0000	0.0000	21.6009	1.2463
2017-05-31 10:30:00	29.7425	69.8014	2.0761	0.0084	0.0003	21.6064	1.2467
2017-05-31 10:45:00	29.7480	71.9774	2.1412	0.0029	0.0001	21.6064	1.2469
2017-05-31 11:00:00	29.8162	73.1588	2.1813	0.0241	0.0007	22.1484	1.2811
2017-05-31 11:15:00	29.7683	70.5228	2.0993	0.0113	0.0003	22.4065	1.2940
2017-05-31 11:30:00	29.8003	69.1548	2.0608	0.0049	0.0001	22.4508	1.2979
2017-05-31 11:45:00	29.7367	72.6743	2.1611	0.0017	0.0001	21.9678	1.2673
2017-05-31 12:00:00	29.8143	79.0795	2.3577	0.0019	0.0001	21.8646	1.2646
2017-05-31 12:15:00	29.7648	76.4417	2.2753	0.0000	0.0000	22.2178	1.2829
2017-05-31 12:30:00	29.7807	71.1503	2.1189	0.0000	0.0000	21.6064	1.2483
2017-05-31 12:45:00	29.7947	68.9511	2.0544	0.0033	0.0001	21.6064	1.2489
2017-05-31 13:00:00 2017-05-31 13:15:00	30.0193 29.8119	67.7521 67.6474	2.0339 2.0167	0.0080 0.0143	0.0002 0.0004	22.0020 21.7487	1.2813 1.2578
2017-05-31 13:15:00 2017-05-31 13:30:00	29.8119 29.7566	68.0259	2.0167	0.0143	0.0004	21.7487	1.2578
2017-05-31 13:30:00	29.5537	71.3373	2.0242	0.0008	0.0000	21.8842	1.2633
2017-05-31 13:45:00	29.7060	80.2210	2.3830	0.0007	0.0000	22.0319	1.2402
2017-05-31 14:00:00	29.8093	74.3999	2.2178	0.0007	0.0000	22.1558	1.2813
2017-05-31 14:30:00	29.8189	70.3638	2.0982	0.0026	0.0001	22.3124	1.2907
2017-05-31 14:45:00	29.6733	70.1694	2.0822	0.0000	0.0000	22.6135	1.3018
2017-05-31 15:00:00	29.5235	73.7515	2.1774	0.0596	0.0018	22.4670	1.2868
2017-05-31 15:15:00	29.5160	78.9722	2.3309	0.1326	0.0039	22.3902	1.2821
2017-05-31 15:30:00	29.5272	71.6791	2.1165	0.0622	0.0018	22.2519	1.2747
2017-05-31 15:45:00	29.4731	69.5315	2.0493	0.1262	0.0037	22.3663	1.2789
2017-05-31 16:00:00	29.4026	71.2836	2.0959	0.1209	0.0036	22.6135	1.2899
2017-05-31 16:15:00	29.4548	75.8151	2.2331	0.0770	0.0023	22.6135	1.2922
2017-05-31 16:30:00	29.4281	72.8306	2.1433	0.0754	0.0022	22.6135	1.2910
2017-05-31 16:45:00	29.5009	69.9597	2.0639	0.0806	0.0024	22.7484	1.3019
2017-05-31 17:00:00	29.6355	70.1100	2.0777	0.1498	0.0044	23.1628	1.3317
2017-05-31 17:15:00	29.5776	71.9881	2.1292	0.2498	0.0074	23.1628	1.3291
2017-05-31 17:30:00	29.4598	74.7217	2.2013	0.3208	0.0095	23.1628	1.3238
2017-05-31 17:45:00	29.5301	72.0914	2.1289	0.2035	0.0060	23.0111	1.3183
2017-05-31 18:00:00	29.6078	70.2714	2.0806	0.1880	0.0056	23.2363	1.3347
2017-05-31 18:15:00	29.6334	68.3755	2.0262	0.2614	0.0077	23.6450	1.3593
2017-05-31 18:30:00	29.6429	72.9836	2.1634	0.1197	0.0035	23.2654	1.3379
2017-05-31 18:45:00	29.5002	69.1219	2.0391	0.1135	0.0033	23.7122	1.3571
2017-05-31 19:00:00	29.7031	66.7221	1.9818	0.0625	0.0019	23.7122	1.3664
2017-05-31 19:15:00	29.6208	68.4888	2.0287	0.0847	0.0025	23.7122	1.3626
2017-05-31 19:30:00	29.7711	76.2030	2.2686	0.0836	0.0025	23.9288	1.3820
2017-05-31 19:45:00	29.8451	71.8211	2.1435	0.0842	0.0025	24.1221	1.3967
2017-05-31 20:00:00	29.8033	68.2620	2.0344	0.0488	0.0015	23.9222	1.3831
2017-05-31 20:15:00	29.9043	71.2382	2.1303	0.1073	0.0032	23.9624	1.3902
2017-05-31 20:30:00	29.9153	72.5746	2.1711	0.0720	0.0022	24.4287	1.4177
2017-05-31 20:45:00	29.8776	70.6929	2.1121	0.1066	0.0032	24.7192	1.4328
2017-05-31 21:00:00	29.8263	73.8210	2.2018	0.1199	0.0036	24.6912	1.4287
2017-05-31 21:15:00	29.8641	72.9638	2.1790	0.1514	0.0045	24.7192	1.4321
2017-05-31 21:30:00	29.9976	69.0156	2.0703	0.1751	0.0053	25.0722	1.4591
2017-05-31 21:45:00	30.0203	70.2883	2.1101	0.0993	0.0030	24.7192	1.4396
2017-05-31 22:00:00	30.3794	74.6230	2.2670	0.0206	0.0006	24.8423	1.4641
2017-05-31 22:15:00	30.4629	71.2115	2.1693	0.0104	0.0003	25.1770	1.4879
2017-05-31 22:30:00	30.3623	68.2119	2.0711	0.0314	0.0010	25.5005	1.5020
2017-05-31 22:45:00	30.5157	71.7267	2.1888	0.0075	0.0002	25.1770	1.4905
2017-05-31 23:00:00	30.5122	75.3524	2.2992	0.0225	0.0007	25.1180	1.4868
2017-05-31 23:15:00	30.1546	72.3624	2.1821	0.0156	0.0005	24.9690	1.4607
2017-05-31 23:30:00	30.1097	72.8582	2.1937	0.0004	0.0000	24.2810	1.4183
2017-05-31 23:45:00	30.5128	72.6850	2.2178	0.0034	0.0001	24.1699	1.4307
2017-06-01 00:00:00	30.6357	72.0150	2.2062	0.0058	0.0002	24.1699	1.4365
2017-06-01 00:15:00	29.9178	69.9728	2.0934	0.0221	0.0007	24.4257	1.4177
2017-06-01 00:30:00	29.8520	66.6927	1.9909	0.0398	0.0012	24.3506	1.4102
2017-06-01 00:45:00	29.6994	70.2476	2.0863	0.0365	0.0011	24.1699	1.3926
2017-06-01 01:00:00	29.6987	77.0805	2.2892	0.0084	0.0003	24.1699	1.3926
2017-06-01 01:15:00	29.7840	78.4100	2.3354	0.0103	0.0003	24.6190	1.4225
2017-06-01 01:30:00	29.7931	91.0884	2.7138	0.0392	0.0012	24.1796	1.3975
2017-06-01 01:45:00	29.9320	85.7659	2.5671	0.1325	0.0040	24.1699	1.4035
2017-06-01 02:00:00	30.0287	68.8596	2.0678	0.2932	0.0088	24.1699	1.4080
2017-06-01 02:15:00	30.1134	67.7320	2.0396	0.3251	0.0098	24.1699	1.4120
2017-06-01 02:30:00	30.4277	67.7354	2.0610	0.1427	0.0043	24.0606	1.4203
2017-06-01 02:45:00	30.3971	71.3945	2.1702	0.1414	0.0043	23.7122	1.3983

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-01 03:00:00	30.3966	77.8308	2.3658	0.1393	0.0042	24.0290	1.4170
2017-06-01 03:15:00	30.6432	72.3715	2.2177	0.1618	0.0050	24.1699	1.4369
2017-06-01 03:30:00	30.6303	68.7280	2.1052	0.1550	0.0047	24.1699	1.4362
2017-06-01 03:45:00	30.8875	68.0983	2.1034	0.1943	0.0060	24.5624	1.4718
2017-06-01 04:00:00	30.9591	70.9358	2.1961	0.1782	0.0055	25.0661	1.5055
2017-06-01 04:15:00	30.9799	72.6115	2.2495	0.1761	0.0055	24.7192	1.4857
2017-06-01 04:30:00	31.1059	69.9887	2.1771	0.1909	0.0059	24.7192	1.4917
2017-06-01 04:45:00	31.0462	70.5442	2.1901	0.2279	0.0071	24.7192	1.4888
2017-06-01 05:00:00	31.0215	71.8961	2.2303	0.4352	0.0135	24.4452	1.4712
2017-06-01 05:15:00	30.9144	70.4329	2.1774	0.3186	0.0098	24.1699	1.4496
2017-06-01 05:30:00	30.8135	71.8331	2.2134	0.1959	0.0060	23.7473	1.4196
2017-06-01 05:45:00	30.7724	72.8620	2.2421	0.1403	0.0043	23.7879	1.4201
2017-06-01 06:00:00	30.6912	71.1654	2.1842	0.1301	0.0040	24.0916	1.4344
2017-06-01 06:15:00	30.6606	70.7468	2.1691	0.1421	0.0044	23.7122	1.4104
2017-06-01 06:30:00	30.5910	70.5502	2.1582	0.2251	0.0069	23.7122	1.4072
2017-06-01 06:45:00	30.6225	71.7272	2.1965	0.1516	0.0046	24.0758	1.4303
2017-06-01 07:00:00	30.7212	69.2269	2.1267	0.1329	0.0041	24.1699	1.4405
2017-06-01 07:15:00	30.6679	71.3288	2.1875	0.0947	0.0029	24.1699	1.4380
2017-06-01 07:30:00 2017-06-01 07:45:00	30.7869	73.5995	2.2659	0.1205	0.0037	24.1699	1.4436
2017-06-01 07:43:00	30.6555	71.1238 71.4880	2.1803 2.1938	0.0091 0.0034	0.0003	24.1699 24.1699	1.4374
2017-06-01 08:00:00	30.6875 30.8656	71.4880	2.1938	0.0034	0.0001 0.0005	24.1699	1.4389 1.4473
2017-06-01 08:15:00	30.8656	74.8045	2.3089	0.0147	0.0005	24.1699	1.4473
2017-06-01 08:30:00	30.7751	73.4674	2.2286	0.0182	0.0006	24.1699	1.4430
2017-06-01 08:43:00	30.5447	73.6994	2.2511	0.0270	0.0008	23.7915	1.4483
2017-06-01 09:15:00	30.0756	73.2294	2.2024	0.0174	0.0005	23.7122	1.3835
2017-06-01 09:30:00	29.9384	74.8548	2.2410	0.0000	0.0000	23.3771	1.3578
2017-06-01 09:45:00	29.9664	73.7507	2.2100	0.0000	0.0000	23.4049	1.3606
2017-06-01 10:00:00	29.9774	72.9284	2.1862	0.0033	0.0001	23.1628	1.3471
2017-06-01 10:15:00	30.1738	72.4933	2.1874	0.0023	0.0001	22.8436	1.3372
2017-06-01 10:30:00	30.0755	72.2502	2.1730	0.0048	0.0001	22.6039	1.3189
2017-06-01 10:45:00	30.2289	73.6302	2.2258	0.0000	0.0000	22.1558	1.2993
2017-06-01 11:00:00	29.9890	74.0962	2.2221	0.0001	0.0000	22.1387	1.2880
2017-06-01 11:15:00	29.9109	73.7671	2.2064	0.0000	0.0000	21.6577	1.2567
2017-06-01 11:30:00	30.1417	71.7136	2.1616	0.0000	0.0000	22.0648	1.2902
2017-06-01 11:45:00	30.2160	69.8027	2.1092	0.0035	0.0001	21.8256	1.2794
2017-06-01 12:00:00	29.9366	73.8920	2.2121	0.0004	0.0000	21.2555	1.2345
2017-06-01 12:15:00	29.9382	83.8826	2.5113	0.0000	0.0000	21.3120	1.2378
2017-06-01 12:30:00	29.9643	79.6824	2.3876	0.0001	0.0000	21.1965	1.2322
2017-06-01 12:45:00	29.9913	71.0220	2.1300	0.6310	0.0189	21.1487	1.2305
2017-06-01 13:00:00	30.3539	67.6545	2.0536	1.2476	0.0379	21.1487	1.2454
2017-06-01 13:15:00	30.5411	67.1954	2.0522	0.9386	0.0287	20.9473	1.2411
2017-06-01 13:30:00	30.1295	67.7668	2.0418	0.3666	0.0110	20.9723	1.2259
2017-06-01 13:45:00	29.9049	69.3559	2.0741	0.0321	0.0010	20.7935	1.2063
2017-06-01 14:00:00	29.7914	64.4038	1.9187	0.0106	0.0003	21.0474	1.2164
2017-06-01 14:15:00	30.2833	111.0113	3.3618	0.0001	0.0000	20.6690	1.2143
2017-06-01 14:30:00	31.3750	144.6564	4.5386	1.7364	0.0545	18.7006	1.1383
2017-06-01 14:45:00	31.4420	56.3536	1.7719	1.1123	0.0350	18.5852	1.1337
2017-06-01 15:00:00	31.2495	75.7312	2.3666	0.0470	0.0015	18.4713	1.1198
2017-06-01 15:15:00	31.0022	83.2690	2.5815	0.1107	0.0034	19.0369	1.1450
2017-06-01 15:30:00	31.0284	100.7457	3.1260	0.1010	0.0031	18.8715	1.1360
2017-06-01 15:45:00	30.7693	82.6064	2.5417	0.2242	0.0069	18.4657	1.1023
2017-06-01 16:00:00	30.5769	76.2863	2.3326	2.2913	0.0701	18.9433	1.1237
2017-06-01 16:15:00	30.6268	80.5795	2.4679	0.2655	0.0081	19.1345	1.1369
2017-06-01 16:30:00	30.5930	85.4207	2.6133	0.1471	0.0045	19.1345	1.1356
2017-06-01 16:45:00	30.5793	80.7857	2.4704	0.1725	0.0053	19.3914	1.1504
2017-06-01 17:00:00	30.6691	78.3111	2.4017	2.0669	0.0634	19.5923	1.1657
2017-06-01 17:15:00	30.5875	77.2996	2.3644	1.2365	0.0378	20.0098	1.1874
2017-06-01 17:30:00	30.8764	77.5512	2.3945	0.2046	0.0063	20.2357	1.2121
2017-06-01 17:45:00	30.8990	76.9021	2.3762	0.0410	0.0013	20.7471	1.2437
2017-06-01 18:00:00	30.9747	76.9567	2.3837	0.8260	0.0256	21.1995	1.2739
2017-06-01 18:15:00	30.8033	74.5362	2.2960	2.6518	0.0817	22.0978	1.3205
2017-06-01 18:30:00	30.9370	74.6756	2.3102	0.2450	0.0076	21.6968	1.3022
2017-06-01 18:45:00	30.9746	77.6133	2.4040	0.0662	0.0021	21.4759	1.2905
2017-06-01 19:00:00	31.1642	83.3057	2.5962	0.1036	0.0032	22.4609	1.3580
2017-06-01 19:15:00	31.2972	97.6101	3.0549	0.0842	0.0026	22.6135	1.3730
2017-06-01 19:30:00	31.2245	104.8499	3.2739	0.0732	0.0023	22.6337	1.3710
2017-06-01 19:45:00	31.1021	100.9991	3.1413	0.0745	0.0023	23.1628	1.3976
2017-06-01 20:00:00	30.9893	76.8857	2.3826	0.2610	0.0081	23.1628	1.3925
2017-06-01 20:15:00	30.9758	74.4396	2.3058	0.3364	0.0104	23.0962	1.3879
2017-06-01 20:30:00	31.0493	73.5380	2.2833	0.9208	0.0286	22.7051	1.3677
2017-06-01 20:45:00	31.0047	78.1835	2.4241	1.7655	0.0547	22.7051	1.3657
2017-06-01 21:00:00	30.9228	113.0366	3.4954	6.5795	0.2035	22.7051	1.3621
2017-06-01 21:15:00	30.9324	89.1184	2.7566	1.2611	0.0390	22.2900	1.3376
2017-06-01 21:30:00	30.6128	71.9554	2.2028	0.1559	0.0048	22.5739	1.3406

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-01 21:45:00	30.6688	73.1181	2.2424	0.0986	0.0030	22.6135	1.3454
2017-06-01 22:00:00	30.4515	72.7881	2.2165	0.0819	0.0025	22.6135	1.3359
2017-06-01 22:15:00	30.7128	71.6517	2.2006	0.1621	0.0050	22.6135	1.3474
2017-06-01 22:30:00	30.8490	70.0655	2.1614	0.1835	0.0057	23.1042	1.3827
2017-06-01 22:45:00	30.8975	69.3873	2.1439	0.1526	0.0047	23.1628	1.3884
2017-06-01 23:00:00	30.7861	70.1145	2.1586	0.1115	0.0034	23.1476	1.3825
2017-06-01 23:15:00	30.9123	72.2061	2.2321	0.1073	0.0033	22.7051	1.3616
2017-06-01 23:30:00	30.8016	73.1426	2.2529	0.0498	0.0015	22.7051	1.3567
2017-06-01 23:45:00	30.6781	72.7674	2.2324	0.0006	0.0000	22.4286	1.3349
2017-06-02 00:00:00	30.7663	72.6371	2.2348	0.0233	0.0007	22.3170	1.3320
2017-06-02 00:15:00	30.9473	70.2777	2.1749	0.0441	0.0014	22.6135	1.3577
2017-06-02 00:30:00	31.0834	68.7340	2.1365	0.0238	0.0007	22.6135	1.3636
2017-06-02 00:45:00	30.8320	68.7340	2.1192	0.0332	0.0010	22.6135	1.3526
2017-06-02 01:00:00	30.9776	70.7134	2.1905	0.0454	0.0014	22.6135	1.3590
2017-06-02 01:15:00	30.9266	73.1426	2.2621	0.0189	0.0006	23.0939	1.3856
2017-06-02 01:30:00	30.8160	72.0643	2.2207	0.0032	0.0001	22.9675	1.3731
2017-06-02 01:45:00	30.5576	71.0665	2.1716	0.0011	0.0000	22.7051	1.3460
2017-06-02 02:00:00 2017-06-02 02:15:00	30.3866	71.8022	2.1818	0.0030	0.0001	22.7051	1.3385
	30.4902	72.2230	2.2021	0.0120	0.0004	22.6208	1.3380
2017-06-02 02:30:00 2017-06-02 02:45:00	30.5032 30.7383	70.5566 70.0855	2.1522 2.1543	0.0143 0.0161	0.0004 0.0005	22.7051 22.7051	1.3436 1.3540
2017-06-02 02:45:00	30.6763	69.5716	2.1343	0.0181	0.0005	23.1797	1.3795
2017-06-02 03:00:00	30.6848	70.4569	2.1342	0.0187	0.0006	23.3148	1.3795
2017-06-02 03:15:00	30.6286	73.8092	2.1620	0.0210	0.0004	23.0596	1.3702
2017-06-02 03:35:00	30.6326	73.2267	2.2431	0.0031	0.0004	23.1628	1.3765
2017-06-02 04:00:00	30.6546	71.0783	2.1789	0.0091	0.0003	23.3875	1.3909
2017-06-02 04:15:00	30.6652	71.6608	2.1975	0.0094	0.0003	23.7122	1.4106
2017-06-02 04:30:00	30.7099	68.6759	2.1090	0.0143	0.0004	23.7122	1.4127
2017-06-02 04:45:00	30.7500	67.6846	2.0813	0.0694	0.0021	23.7122	1.4145
2017-06-02 05:00:00	30.6453	68.4713	2.0983	0.0378	0.0012	23.7122	1.4097
2017-06-02 05:15:00	30.5697	72.7801	2.2249	0.0236	0.0007	23.6200	1.4008
2017-06-02 05:30:00	30.5735	78.5130	2.4004	0.0371	0.0011	23.7122	1.4064
2017-06-02 05:45:00	30.4643	71.9064	2.1906	0.0063	0.0002	23.7122	1.4014
2017-06-02 06:00:00	30.4930	69.2563	2.1118	0.0215	0.0007	23.2855	1.3775
2017-06-02 06:15:00	30.4932	69.5516	2.1209	0.0144	0.0004	23.4174	1.3853
2017-06-02 06:30:00	30.5394	70.8855	2.1648	0.0148	0.0005	23.7122	1.4049
2017-06-02 06:45:00	30.5712	73.4171	2.2444	0.0162	0.0005	23.7122	1.4063
2017-06-02 07:00:00	30.5205	73.2980	2.2371	0.0218	0.0007	23.7122	1.4040
2017-06-02 07:15:00	30.5080	70.8034	2.1601	0.0134	0.0004	23.7122	1.4034
2017-06-02 07:30:00	30.5147	69.9363	2.1341	0.0088	0.0003	23.8714	1.4132
2017-06-02 07:45:00	30.5247	71.4943	2.1823	0.0104	0.0003	23.3344	1.3818
2017-06-02 08:00:00	30.5293	82.1194	2.5071	0.0000	0.0000	23.1628	1.3719
2017-06-02 08:15:00	30.5382	77.3254	2.3614	0.0000	0.0000	23.1628	1.3723
2017-06-02 08:30:00	30.5484	71.2337	2.1761	0.0000	0.0000	22.9218	1.3584
2017-06-02 08:45:00	30.5831	69.9363	2.1389	0.0000	0.0000	22.6135	1.3417
2017-06-02 09:00:00	30.4488	69.9363	2.1295	0.0000	0.0000	22.6135	1.3358
2017-06-02 09:15:00	30.5649	69.9363	2.1376	0.0000	0.0000	22.4864	1.3333
2017-06-02 09:30:00	30.6259	70.6177	2.1627	0.0000	0.0000	22.3455	1.3276
2017-06-02 09:45:00	30.7562	73.0898	2.2480	0.0000	0.0000	22.1558	1.3220
2017-06-02 10:00:00	30.7964	75.7290	2.3322	0.0000	0.0000	22.1558	1.3237
2017-06-02 10:15:00	30.8376	71.5461	2.2063	0.0000	0.0000	22.5484	1.3490
2017-06-02 10:30:00	30.8842	70.9893	2.1924	0.0004	0.0000	22.4396	1.3445
2017-06-02 10:45:00	30.9649	74.9699	2.3214	0.0000	0.0000	22.0795	1.3264
2017-06-02 11:00:00	30.7448	72.1230	2.2174	0.0000	0.0000	21.6064	1.2887
2017-06-02 11:15:00	30.9262	70.9361	2.1938	0.0000	0.0000	21.6064	1.2963
2017-06-02 11:30:00	30.6802	71.7821	2.2023	0.0000	0.0000	21.6064	1.2860
2017-06-02 11:45:00	30.7192	72.0480	2.2133	0.0000	0.0000	21.6064	1.2876
2017-06-02 12:00:00	30.7740	74.3307	2.2875	0.0000	0.0000	21.1848	1.2648
2017-06-02 12:15:00	30.8328	77.3875	2.3861	0.0000	0.0000	21.3796	1.2788
2017-06-02 12:30:00	30.5806	73.1041	2.2356	0.0000	0.0000	21.1487	1.2547
2017-06-02 12:45:00	30.5771	70.4453	2.1540	0.0008	0.0000	21.4249	1.2709
2017-06-02 13:00:00	30.6010	68.3136	2.0905	0.0080	0.0002	21.4406	1.2728
2017-06-02 13:15:00	30.6115	67.5316	2.0672	0.0000	0.0000	21.6064	1.2831
2017-06-02 13:30:00	30.3499	68.5603	2.0808	0.0000	0.0000	21.6064	1.2722
2017-06-02 13:45:00	30.3172	70.8029	2.1465	0.0000	0.0000	21.6901	1.2757
2017-06-02 14:00:00	30.4165	75.1563	2.2860	0.0000	0.0000	22.0166	1.2992
2017-06-02 14:15:00	30.6784	76.7939	2.3559	0.0000	0.0000	22.6626	1.3488
2017-06-02 14:30:00	30.7418	70.3689	2.1633	0.0781	0.0024	22.9755	1.3702
2017-06-02 14:45:00	30.5651	67.9456	2.0768	0.7384	0.0226	22.6752	1.3446
2017-06-02 15:00:00	30.4461	66.5297	2.0256	0.3036	0.0092	22.6135	1.3357
2017-06-02 15:15:00	30.3929	67.1389	2.0405	0.0139	0.0004	22.6135	1.3333
2017-06-02 15:30:00	30.3416	69.1388	2.0978	0.0083	0.0003	22.6135	1.3311
2017-06-02 15:45:00	30.4487	74.7802	2.2770	0.0003	0.0000	22.4304	1.3250
2017-06-02 16:00:00 2017-06-02 16:15:00	30.3130	78.4592	2.3783	0.0093	0.0003	22.6428	1.3316
	30.3278	73.8883	2.2409	0.0121	0.0004	23.1628	1.3628

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-06-02 16:30:00	30.4176	70.1723	2.1345	0.0180	0.0005	22.7429	1.3421	
2017-06-02 16:45:00	30.3426	68.9678	2.0927	0.0396	0.0012	22.6135	1.3311	
2017-06-02 17:00:00	30.4965	69.3004	2.1134	0.0201	0.0006	23.1250	1.3681	
2017-06-02 17:15:00	30.6992	71.6183	2.1986	0.0373	0.0011	23.6206	1.4068	
2017-06-02 17:30:00	30.8077	70.6931	2.1779	0.0216	0.0007	23.7799	1.4213	
2017-06-02 17:45:00	30.8601	69.0573	2.1311	0.0307	0.0009	24.1699	1.4470	
2017-06-02 18:00:00	31.0360	70.1211	2.1763	0.0176	0.0005	24.1699	1.4553	
2017-06-02 18:15:00	31.1673	73.2510	2.2830	0.0292	0.0009	24.2975	1.4691	
2017-06-02 18:30:00	31.2214	74.7622	2.3342	0.0239	0.0007	24.1672	1.4638	
2017-06-02 18:45:00	31.0984	78.1014	2.4288	0.0165	0.0005	23.0566	1.3910	
2017-06-02 19:00:00	31.0116	74.2429	2.3024	0.0071	0.0002	23.0231	1.3851	
2017-06-02 19:15:00	31.2298	69.5465	2.1719	0.0415	0.0013	23.6431	1.4324	
2017-06-02 19:30:00	31.1791	67.7510	2.1124	0.0842	0.0026	24.9858	1.5113	
2017-06-02 19:45:00	30.9858	68.0449	2.1084	0.0689	0.0021	24.7654	1.4887	
2017-06-02 20:00:00	30.8777	73.4714	2.2686	0.0433	0.0013	23.3250	1.3972	
2017-06-02 20:15:00	31.0909	139.5572	4.3390	0.0279	0.0009	24.0316	1.4495	
2017-06-02 20:30:00	31.2174	94.3606	2.9457	6.5489	0.2044	24.1699	1.4638	
2017-06-02 20:45:00	31.0783	71.2974	2.2158	3.2793	0.1019	24.0031	1.4472	
2017-06-02 21:00:00	31.1674	85.2448	2.6569	0.0658	0.0021	23.4839	1.4199	
2017-06-02 21:15:00	31.1324	81.4149	2.5346	0.0354	0.0011	23.1989	1.4011	
2017-06-02 21:30:00	30.9368	72.1126	2.2309	0.0317	0.0010	23.6041	1.4167	
2017-06-02 21:45:00	30.8494	67.9491	2.0962	0.0205	0.0006	23.1628	1.3862	
2017-06-02 22:00:00	30.6492	67.7320	2.0759	0.0152	0.0005	22.8724	1.3600	
2017-06-02 22:15:00	30.7565	67.9972	2.0914	0.0046	0.0001	22.7051	1.3548	
2017-06-02 22:30:00	30.6237	72.6612	2.2252	0.0004	0.0000	22.7214	1.3499	
2017-06-02 22:45:00	30.9796	72.8943	2.2582	0.0016	0.0000	23.1628	1.3921	
2017-06-02 23:00:00	30.9314	68.8153	2.1285	0.0157	0.0005	23.5858	1.4153	
2017-06-02 23:15:00	30.7718	67.7320	2.0842	0.0013	0.0000	23.7122	1.4156	
2017-06-02 23:30:00	30.5035	68.4479	2.0879	0.0017	0.0001	23.2245	1.3744	
2017-06-02 23:45:00	30.5467	69.4558	2.1217	0.0000	0.0000	23.1628	1.3726	
2017-06-03 00:00:00	30.6021	76.3459	2.3363	0.0001	0.0000	23.0670	1.3694	
2017-06-03 00:15:00	30.6443	74.5331	2.2840	0.0003	0.0000	22.9810	1.3662	
2017-06-03 00:30:00	30.7423	70.1443	2.1564	0.0004	0.0000	23.2997	1.3896	
2017-06-03 00:45:00	30.7128	68.7340	2.1110	0.0020	0.0001	23.6206	1.4074	
2017-06-03 01:00:00	30.7186	69.4563	2.1336	0.0000	0.0000	23.6206	1.4076	
2017-06-03 01:15:00	30.6262	73.9762	2.2656	0.0000	0.0000	23.6206	1.4034	
2017-06-03 01:30:00	30.4141	76.0249	2.3122	0.0000	0.0000	23.4227	1.3820	
2017-06-03 01:45:00	30.4106	72.1838	2.1952	0.0000	0.0000	23.2941	1.3743	
2017-06-03 02:00:00	30.4291	70.2692	2.1382	0.0000	0.0000	23.7122	1.3998	
2017-06-03 02:15:00	30.4139	69.8722	2.1251	0.0000	0.0000	23.7122	1.3991	
2017-06-03 02:30:00	30.4298	70.3583	2.1410	0.0013	0.0000	23.7122	1.3998	
2017-06-03 02:45:00	30.4257	73.8313	2.2464	0.0000	0.0000	23.4566	1.3845	
2017-06-03 03:00:00	30.3414	74.8292	2.2704	0.0000	0.0000	23.1628	1.3634	
2017-06-03 03:15:00	30.4330	72.8925	2.2183	0.0004	0.0000	23.1628	1.3675	
2017-06-03 03:30:00	30.3978	71.3549	2.1690	0.0000	0.0000	23.1628	1.3660	
2017-06-03 03:45:00	30.4300	68.9355	2.0977	0.0224	0.0007	23.6322	1.3951	
2017-06-03 04:00:00	30.4840	67.0496	2.0439	0.1514	0.0046	23.4875	1.3890	
2017-06-03 04:15:00	30.4792	69.0949	2.1060	0.0037	0.0001	23.8665	1.4112	
2017-06-03 04:30:00	30.4614	78.6667	2.3963	0.0000	0.0000	23.8668	1.4104	
2017-06-03 04:45:00	30.4538	76.6454	2.3341	0.0014	0.0000	23.7063	1.4104	
2017-06-03 04:43:00	30.5349	72.1789	2.2040	0.0014	0.0000	23.1628	1.3721	
2017-06-03 05:15:00	30.5122	68.0424	2.0761	0.2585	0.0079	23.1628	1.3721	
2017-06-03 05:15:00	30.5569	65.7744	2.0099	0.3354	0.0102	23.5876	1.3711	
2017-06-03 05:45:00	30.4952	67.6127	2.0619	0.0000	0.0000	23.7122	1.4028	
2017-06-03 06:00:00	30.4880	73.6093	2.2442	0.0019	0.0001	23.7122	1.4025	
2017-06-03 06:05:00	30.5044	79.2186	2.4165	0.0019	0.0001	23.7122	1.4023	
	30.5925	73.4271	2.2463	0.0007	0.0000	23.7966		
2017-06-03 06:30:00 2017-06-03 06:45:00	30.5722	67.5931	2.2463	0.0007	0.0000	23.7411	1.4123 1.4081	
			2.0665		0.0067			
2017-06-03 07:00:00	30.5722	66.8231		0.1265		23.3740	1.3863	
2017-06-03 07:15:00	30.5579	71.3649	2.1808	0.0017	0.0001	22.9285	1.3593	
2017-06-03 07:30:00	30.5156	80.6815	2.4620	0.0000	0.0000	22.6135	1.3387	
2017-06-03 07:45:00	30.5754	77.5525	2.3712	0.0006	0.0000	22.9211	1.3596	
2017-06-03 08:00:00	30.6175	75.2355	2.3035	0.0000	0.0000	23.1628	1.3758	
2017-06-03 08:15:00	30.5907	71.2498	2.1796	0.0000	0.0000	23.4656	1.3926	
2017-06-03 08:30:00	30.5313	69.7161	2.1285	0.0000	0.0000	23.8027	1.4098	
2017-06-03 08:45:00	30.5596	69.9363	2.1372	0.0000	0.0000	23.1824	1.3744	
2017-06-03 09:00:00	30.4421	75.0757	2.2855	0.0000	0.0000	23.0082	1.3588	
2017-06-03 09:15:00	30.5908	75.8735	2.3210	0.0000	0.0000	22.7051	1.3475	
2017-06-03 09:30:00	30.5446	72.6049	2.2177	0.0000	0.0000	22.5336	1.3353	
2017-06-03 09:45:00	30.6267	70.9383	2.1726	0.0000	0.0000	22.4269	1.3325	
2017-06-03 10:00:00	30.4211	69.8816	2.1259	0.0000	0.0000	22.3246	1.3175	
2017-06-03 10:15:00	30.4249	70.3879	2.1415	0.0000	0.0000	22.2031	1.3105	
2017-06-03 10:30:00	30.5276	72.3294	2.2080	0.0000	0.0000	22.0819	1.3078	
2017-06-03 10:45:00	30.7858	76.6759	2.3605	0.0000	0.0000	21.6064	1.2904	
2017-06-03 11:00:00	30.6094	73.3329	2.2447	0.0000	0.0000	22.0835	1.3114	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate	NO		NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-03 11:15:00	30.6679	69.3113	2.1256	0.0000	0.0000	22.3557	1.3301
2017-06-03 11:30:00	30.5839	69.0134	2.1107	0.0000	0.0000	21.9983	1.3052
2017-06-03 11:45:00	30.4627	72.9030	2.2208	0.0000	0.0000	21.6064	1.2769
2017-06-03 12:00:00 2017-06-03 12:15:00	30.4639 30.3733	80.5141 76.2404	2.4528 2.3157	0.0000 0.0000	0.0000 0.0000	21.6064 21.6064	1.2769 1.2731
2017-06-03 12:15:00	30.4570	68.2820	2.3157	0.0000	0.0000	21.6064	1.2767
2017-06-03 12:45:00	30.4266	66.2104	2.0146	0.1045	0.0032	22.1210	1.3057
2017-06-03 13:00:00	30.5635	65.3273	1.9966	0.0137	0.0004	21.9025	1.2987
2017-06-03 13:15:00	30.4601	66.1641	2.0154	0.0000	0.0000	22.1558	1.3092
2017-06-03 13:30:00	30.4869	72.3379	2.2054	0.0000	0.0000	21.9971	1.3010
2017-06-03 13:45:00	30.3945	82.9499	2.5212	0.0000	0.0000	21.4610	1.2655
2017-06-03 14:00:00	30.5604	72.6316	2.2196	0.0000	0.0000	21.5281	1.2763
2017-06-03 14:15:00	30.6539	69.1871	2.1209	0.0000	0.0000	21.3979	1.2725
2017-06-03 14:30:00	30.5007	69.3639	2.1156	0.0000	0.0000	21.3567	1.2637
2017-06-03 14:45:00	30.4861	71.1182	2.1681	0.0000	0.0000	21.6064	1.2779
2017-06-03 15:00:00	30.2918	72.1406	2.1853	0.0000	0.0000	21.6064	1.2697
2017-06-03 15:15:00	30.2373	70.6192	2.1353	0.0000	0.0000	21.9958	1.2903
2017-06-03 15:30:00 2017-06-03 15:45:00	30.1886 30.3021	71.8211 75.4564	2.1682 2.2865	0.0000 0.0005	0.0000	21.6064 21.2697	1.2654 1.2504
2017-06-03 15:45:00	30.2846	75.4564	2.2525	0.0003	0.0000	21.2697	1.2468
2017-06-03 16:05:00	30.3458	69.2082	2.1002	0.0007	0.0000	22.1293	1.3028
2017-06-03 16:30:00	30.3458	67.0707	2.0353	0.0012	0.0001	22.6135	1.3313
2017-06-03 16:45:00	30.3200	66.3738	2.0125	0.0017	0.0001	22.6135	1.3301
2017-06-03 17:00:00	30.4909	67.0641	2.0448	0.0000	0.0000	22.6135	1.3376
2017-06-03 17:15:00	30.7712	74.9494	2.3063	0.0000	0.0000	22.9718	1.3713
2017-06-03 17:30:00	30.7473	77.6498	2.3875	0.0001	0.0000	23.1628	1.3817
2017-06-03 17:45:00	30.8137	69.9038	2.1540	0.0000	0.0000	23.1628	1.3846
2017-06-03 18:00:00	30.8485	70.3037	2.1688	0.0000	0.0000	23.2417	1.3909
2017-06-03 18:15:00	30.9198	73.0956	2.2601	0.0000	0.0000	23.6206	1.4169
2017-06-03 18:30:00	31.1853	72.0631	2.2473	0.0000	0.0000	24.4269	1.4778
2017-06-03 18:45:00	31.2112	71.0331	2.2170	0.0000	0.0000	24.7192	1.4967
2017-06-03 19:00:00	31.1322	72.9188	2.2701	0.0000	0.0000	25.1348	1.5181
2017-06-03 19:15:00	31.1765	73.1426	2.2803	0.0000	0.0000	25.5853	1.5475
2017-06-03 19:30:00	31.2978	71.5878	2.2405	0.0000	0.0000	25.4836	1.5473
2017-06-03 19:45:00	31.3128	70.0777	2.1943	0.0000	0.0000	25.1770	1.5294
2017-06-03 20:00:00 2017-06-03 20:15:00	31.3633 31.3273	71.7051 72.2397	2.2489 2.2631	0.0006 0.0005	0.0000	25.1770 25.1770	1.5319 1.5301
2017-06-03 20:15:00	31.2784	72.2397	2.2213	0.0003	0.0001	24.7589	1.5024
2017-06-03 20:45:00	31.2461	72.6140	2.2689	0.0028	0.0001	24.7389	1.4786
2017-06-03 21:00:00	31.1096	73.8883	2.2986	0.0001	0.0000	24.6629	1.4885
2017-06-03 21:15:00	31.1301	69.4420	2.1617	0.0005	0.0000	24.4016	1.4737
2017-06-03 21:30:00	31.4451	65.6079	2.0630	0.0000	0.0000	25.1038	1.5314
2017-06-03 21:45:00	31.3239	67.7429	2.1220	0.0004	0.0000	24.2853	1.4758
2017-06-03 22:00:00	31.2842	73.2633	2.2920	0.0003	0.0000	23.2501	1.4111
2017-06-03 22:15:00	31.2011	72.8476	2.2729	0.0007	0.0000	23.1628	1.4021
2017-06-03 22:30:00	31.2831	71.4401	2.2349	0.0000	0.0000	23.4784	1.4249
2017-06-03 22:45:00	31.1827	70.6177	2.2020	0.0001	0.0000	24.0870	1.4571
2017-06-03 23:00:00	31.0069	72.5436	2.2494	0.0003	0.0000	24.1699	1.4539
2017-06-03 23:15:00	30.7596	74.0397	2.2774	0.0000	0.0000	24.1980	1.4440
2017-06-03 23:30:00	30.4797	68.0128	2.0730	0.0000	0.0000	24.2517	1.4340
2017-06-03 23:45:00	30.5676	68.5570	2.0956	0.0000	0.0000	24.1699	1.4333
2017-06-04 00:00:00 2017-06-04 00:15:00	30.4878 30.4779	73.1165 71.5896	2.2292 2.1819	0.0000 0.0000	0.0000	24.1699 24.1699	1.4296 1.4291
2017-06-04 00:30:00	30.5209	67.5711	2.0623	0.0000	0.0000	24.1699	1.4291
2017-06-04 00:45:00	30.5273	76.3070	2.3294	0.0000	0.0000	24.1699	1.4314
2017-06-04 01:00:00	30.4665	72.5207	2.2094	0.0000	0.0000	24.1699	1.4286
2017-06-04 01:15:00	30.4780	69.8455	2.1288	0.0000	0.0000	24.1699	1.4291
2017-06-04 01:30:00	30.7851	72.0511	2.2181	0.0000	0.0000	24.2200	1.4465
2017-06-04 01:45:00	30.9521	70.9870	2.1972	0.0000	0.0000	24.9914	1.5007
2017-06-04 02:00:00	30.7755	72.1990	2.2220	0.0000	0.0000	24.7986	1.4806
2017-06-04 02:15:00	30.5502	77.0600	2.3542	0.0000	0.0000	23.9217	1.4178
2017-06-04 02:30:00	30.5372	72.7663	2.2221	0.0000	0.0000	23.3014	1.3804
2017-06-04 02:45:00	30.7169	70.3580	2.1612	0.0000	0.0000	23.5818	1.4053
2017-06-04 03:00:00	30.4440	68.7487	2.0930	0.0000	0.0000	24.1699	1.4275
2017-06-04 03:15:00	30.6519	70.2347	2.1528	0.0000	0.0000	24.5794	1.4616
2017-06-04 03:30:00	30.6871	71.2709	2.1871	0.0000	0.0000	24.7821	1.4754
2017-06-04 03:45:00	30.6557	69.7983	2.1397	0.0000	0.0000	25.4272	1.5122
2017-06-04 04:00:00	30.7321	69.4676	2.1349	0.0000	0.0000	25.1577 24.6689	1.4999
2017-06-04 04:15:00 2017-06-04 04:30:00	31.0028 30.7941	71.3898 70.7012	2.2133 2.1772	0.0000 0.0003	0.0000	24.6689 25.1511	1.4837 1.5025
2017-06-04 04:45:00	30.7941 30.9484	70.7012 67.8414	2.1772	0.0003	0.0000	25.1511	1.5025
2017-06-04 05:00:00	31.0985	66.7034	2.0744	0.0000	0.0000	24.9781	1.5070
2017-06-04 05:15:00	30.8582	69.4581	2.1434	0.0000	0.0000	24.3988	1.4606
2017-06-04 05:30:00	30.6267	78.4260	2.4019	0.0004	0.0000	23.7452	1.4108
2017-06-04 05:45:00	30.5829	73.5474	2.2493	0.0000	0.0000	23.7122	1.4069
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		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-04 06:00:00	30.4981	70.9238	2.1630	0.0000	0.0000	23.9415	1.4165
2017-06-04 06:15:00	30.5065	71.1095	2.1693	0.0000	0.0000	23.6682	1.4007
2017-06-04 06:30:00	30.5199	72.1529	2.2021	0.0000	0.0000	23.9752	1.4195
2017-06-04 06:45:00	30.5790	71.0394	2.1723	0.0000	0.0000	24.2276	1.4373
2017-06-04 07:00:00	30.7241	71.1761	2.1868	0.0000	0.0000	23.6603	1.4103
2017-06-04 07:15:00	30.5257	74.0617	2.2608	0.0000	0.0000	23.3663	1.3837
2017-06-04 07:30:00	30.4994	72.6650	2.2162	0.0000	0.0000	23.6206	1.3976
2017-06-04 07:45:00	30.4511	70.8080	2.1562	0.0000	0.0000	24.1632	1.4274
2017-06-04 08:00:00	30.6126	70.1033	2.1460	0.0000	0.0000	24.5166	1.4560
2017-06-04 08:15:00	30.6698	71.8877	2.2048	0.0063	0.0002	24.1699	1.4381
2017-06-04 08:30:00	30.7114	75.1309	2.3074	0.0006	0.0000	24.1699	1.4400
2017-06-04 08:45:00	30.6810	74.3449	2.2810	0.0034	0.0001	24.1699	1.4386
2017-06-04 09:00:00	30.3655	71.8757	2.1825	0.0066	0.0002	23.6128	1.3910
2017-06-04 09:15:00	30.4300	78.1817	2.3791	0.0000	0.0000	22.9010	1.3519
2017-06-04 09:30:00	30.5404	79.0561	2.4144	0.0000	0.0000	22.6135	1.3398
2017-06-04 09:45:00	30.6119	72.0424	2.2054	0.0000	0.0000	22.4147	1.3311
2017-06-04 10:00:00	30.3964	77.2675	2.3487	0.0000	0.0000	22.1558	1.3065
2017-06-04 10:15:00	30.3814	85.8195	2.6073	0.0000	0.0000	22.1558	1.3059
2017-06-04 10:30:00	30.3756	71.3491	2.1673	0.0000	0.0000	22.2377	1.3104
2017-06-04 10:45:00	30.4464	68.7340	2.0927	0.0004	0.0000	22.0276	1.3011
2017-06-04 11:00:00	30.4863	68.7340	2.0954	0.1321	0.0040	21.7041	1.2837
2017-06-04 11:15:00	30.6074	69.7747	2.1356	0.0000	0.0000	21.8097	1.2950
2017-06-04 11:30:00	30.5532	77.7044	2.3741	0.0000	0.0000	21.6064	1.2807
2017-06-04 11:45:00	30.4800	76.1246	2.3203	0.0000	0.0000	21.4925	1.2709
2017-06-04 12:00:00	30.3920	75.0775	2.2818	0.0000	0.0000	21.5902	1.2730
2017-06-04 12:15:00 2017-06-04 12:30:00	30.4599	72.6950	2.2143 2.0548	0.0000 0.0009	0.0000 0.0000	21.3949 22.0416	1.2643 1.3005
2017-06-04 12:30:00	30.4126 30.4714	67.5657 66.5297	2.0273	0.0107	0.0003	22.2961	1.3180
2017-06-04 12:45:00		65.6921	2.0273	0.0107	0.0003	22.3022	1.3203
2017-06-04 13:00:00	30.5154 30.5725	70.5023	2.1554	0.0007	0.0000	22.1558	1.3203
2017-06-04 13:13:00	30.3936	82.1662	2.4973	0.0007	0.0000	22.1558	1.3064
2017-06-04 13:45:00	30.4766	75.6915	2.3068	0.0007	0.0000	22.1338	1.3004
2017-06-04 14:00:00	30.6508	71.0280	2.1771	0.0007	0.0000	21.9489	1.3051
2017-06-04 14:15:00	30.8814	71.9189	2.2210	0.0007	0.0000	22.1558	1.3274
2017-06-04 14:30:00	30.9163	70.5186	2.1802	0.0007	0.0000	21.8195	1.3087
2017-06-04 14:45:00	30.5580	71.9975	2.2001	0.0007	0.0000	21.9012	1.2984
2017-06-04 15:00:00	30.4042	71.2482	2.1662	0.0007	0.0000	22.1558	1.3068
2017-06-04 15:15:00	30.4620	71.0881	2.1655	0.0007	0.0000	22.1558	1.3093
2017-06-04 15:30:00	30.3937	74.3409	2.2595	0.0007	0.0000	21.6968	1.2793
2017-06-04 15:45:00	30.4108	74.9283	2.2786	0.0007	0.0000	21.6064	1.2747
2017-06-04 16:00:00	30.3557	72.6102	2.2041	0.0007	0.0000	21.6064	1.2724
2017-06-04 16:15:00	30.3226	69.5233	2.1081	0.0007	0.0000	21.8530	1.2855
2017-06-04 16:30:00	30.2066	68.7874	2.0778	0.0007	0.0000	22.1558	1.2983
2017-06-04 16:45:00	30.1421	71.0449	2.1414	0.0007	0.0000	22.1558	1.2956
2017-06-04 17:00:00	30.1014	73.0246	2.1981	0.0007	0.0000	22.2834	1.3013
2017-06-04 17:15:00	30.1559	70.5849	2.1286	0.0007	0.0000	22.6135	1.3229
2017-06-04 17:30:00	30.1819	67.9498	2.0509	0.0007	0.0000	22.7448	1.3318
2017-06-04 17:45:00	30.2197	69.9789	2.1147	0.0007	0.0000	22.6135	1.3257
2017-06-04 18:00:00	30.2179	74.0751	2.2384	0.0007	0.0000	22.6135	1.3257
2017-06-04 18:15:00	30.2708	71.3618	2.1602	0.0007	0.0000	23.1567	1.3599
2017-06-04 18:30:00	30.3373	69.3044	2.1025	0.0007	0.0000	23.1628	1.3632
2017-06-04 18:45:00	30.3389	71.6989	2.1753	0.0007	0.0000	23.1628	1.3633
2017-06-04 19:00:00	30.1889	73.7170	2.2254	0.0007	0.0000	23.5026	1.3765
2017-06-04 19:15:00	30.1472	71.6132	2.1589	0.0000	0.0000	23.8629	1.3956
2017-06-04 19:30:00	30.1195	70.1312	2.1123	0.0000	0.0000	23.9192	1.3976
2017-06-04 19:45:00	30.2725	72.9780	2.2092	0.0000	0.0000	23.7122	1.3926
2017-06-04 20:00:00	30.4353	71.4364	2.1742	0.0000	0.0000	23.7122	1.4001
2017-06-04 20:15:00	30.4710	67.8932	2.0688	0.0000	0.0000	24.0306	1.4205
2017-06-04 20:30:00	30.4059	72.5058	2.2046	0.0000	0.0000	24.2377	1.4297
2017-06-04 20:45:00	30.4834	73.1136	2.2287	0.0000	0.0000	24.1705	1.4294
2017-06-04 21:00:00	30.5223	69.5371	2.1224	0.0000	0.0000	24.7192	1.4637
2017-06-04 21:15:00	30.5103	68.8495	2.1006	0.0000	0.0000	24.7192	1.4631
2017-06-04 21:30:00	30.5532	69.9849	2.1383	0.0000	0.0000	24.5435	1.4548
2017-06-04 21:45:00	30.5290	71.6530	2.1875	0.0000	0.0000	24.7192	1.4640
2017-06-04 22:00:00	30.5315	69.0484	2.1081	0.0000	0.0000	24.7192	1.4641
2017-06-04 22:15:00	30.5445	68.7340	2.0994	0.0000	0.0000	24.7192	1.4648
2017-06-04 22:30:00	30.4660	70.2476	2.1402	0.0000	0.0000	25.1048	1.4838
2017-06-04 22:45:00	30.5551	75.3522	2.3024	0.0027	0.0001	25.1556	1.4911
2017-06-04 23:00:00	30.5877	73.4726	2.2474	0.0002	0.0000	24.5380	1.4561
2017-06-04 23:15:00	30.5699	70.1701	2.1451	0.0060	0.0002	24.1699	1.4334
2017-06-04 23:30:00	30.5151	71.3469	2.1772	0.0001	0.0000	24.1699	1.4308
2017-06-04 23:45:00	30.5629	72.4078	2.2130	0.0019	0.0001	24.1968	1.4347
2017-06-05 00:00:00	30.6550	71.0011	2.1765	0.0007	0.0000	24.7192	1.4701
2017-06-05 00:15:00 2017-06-05 00:30:00	30.6210	72.1569	2.2095	0.0007	0.0000	24.7192	1.4684
	30.5457	69.4901	2.1226	0.0001	0.0000	24.4061	1.4463

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-05 00:45:00	30.5931	72.6868	2.2237	0.0000	0.0000	24.1699	1.4345
2017-06-05 01:00:00	30.6048	72.6458	2.2233	0.0007	0.0000	24.3337	1.4448
2017-06-05 01:15:00	30.7169	68.4679	2.1031	0.0000	0.0000	24.7589	1.4754
2017-06-05 01:30:00	30.7588	68.6763	2.1124	0.0000	0.0000	25.1770	1.5024
2017-06-05 01:45:00	30.8201	73.5690	2.2674	0.0000	0.0000	25.1770	1.5054
2017-06-05 02:00:00	30.8381	72.7930	2.2448	0.0001	0.0000	25.1770	1.5062
2017-06-05 02:15:00	30.7162	71.0848	2.1835	0.0000	0.0000	25.1990	1.5016
2017-06-05 02:30:00	30.7199	69.9363	2.1484	0.0000	0.0000	25.7263	1.5332
2017-06-05 02:45:00	30.5250	70.8316	2.1621	0.0001	0.0000	25.6720	1.5203
2017-06-05 03:00:00	30.4913	73.3007	2.2350	0.0000	0.0000	25.1770	1.4893
2017-06-05 03:15:00	30.5249	72.7917	2.2220	0.0002	0.0000	25.1770	1.4909
2017-06-05 03:30:00	30.5696	69.3797	2.1209	0.0000	0.0000	25.6067	1.5186
2017-06-05 03:45:00	30.5545	72.0754	2.2022	0.0000	0.0000	25.7263	1.5249
2017-06-05 04:00:00	30.6017	75.1097	2.2985	0.0012	0.0000	25.4932	1.5135
2017-06-05 04:15:00	30.6612	69.5580	2.1327	0.0000 0.0000	0.0000	25.4608	1.5145
2017-06-05 04:30:00	30.7564	68.3414	2.1019		0.0000	26.0013 25.9977	1.5514
2017-06-05 04:45:00	30.7006	68.7471	2.1106	0.0000	0.0000		1.5484
2017-06-05 05:00:00 2017-06-05 05:15:00	30.6970	66.5537 66.5297	2.0430 2.0398	0.0041 0.0009	0.0001 0.0000	25.3009 25.1770	1.5067
	30.6594						1.4975
2017-06-05 05:30:00 2017-06-05 05:45:00	30.6600 30.7165	66.8129 72.3012	2.0485 2.2208	0.0000 0.0000	0.0000 0.0000	25.5292 25.5884	1.5185
2017-06-05 05:45:00 2017-06-05 06:00:00	30.7165 30.7374	72.3012 77.4968	2.2208	0.0000	0.0000	25.5884 25.1770	1.5248 1.5013
2017-06-05 06:00:00	30.7374	77.4968	2.3820	0.0003	0.0000	24.9756	1.5013
2017-06-05 06:15:00	30.7550	73.8849 69.4705	2.2723	0.0006	0.0000	25.0860	1.4902
2017-06-05 06:45:00	30.7804	69.9390	2.1528	0.0000	0.0000	25.0056	1.4932
2017-06-05 06:45:00	30.7418	73.4550	2.1528	0.0000	0.0000	24.7192	1.4932
2017-06-05 07:06:00	30.7389	74.7390	2.2974	0.0004	0.0000	24.7192	1.4741
2017-06-05 07:30:00	30.7848	71.9002	2.2134	0.0017	0.0001	24.7192	1.4741
2017-06-05 07:35:00	30.6709	71.5862	2.1956	0.0020	0.0001	24.3567	1.4493
2017-06-05 08:00:00	30.6606	74.0686	2.2710	0.0028	0.0003	24.0880	1.4328
2017-06-05 08:15:00	30.9164	77.2116	2.3871	0.1018	0.0031	23.5760	1.4140
2017-06-05 08:30:00	30.8509	72.3110	2.2309	0.0745	0.0023	24.3529	1.4575
2017-06-05 08:45:00	30.8152	68.9344	2.1242	0.0162	0.0005	24.7414	1.4791
2017-06-05 09:00:00	30.6704	67.7400	2.0776	0.0159	0.0005	24.3011	1.4459
2017-06-05 09:15:00	30.8667	71.8783	2.2186	0.0018	0.0001	24.1699	1.4473
2017-06-05 09:30:00	31.2372	76.7734	2.3982	0.0026	0.0001	24.2078	1.4670
2017-06-05 09:45:00	31.1138	71.4905	2.2243	0.0113	0.0004	24.5648	1.4828
2017-06-05 10:00:00	30.9175	70.7265	2.1867	0.0128	0.0004	24.1699	1.4497
2017-06-05 10:15:00	31.0550	73.7941	2.2917	0.0153	0.0005	24.1699	1.4562
2017-06-05 10:30:00	30.9024	73.2214	2.2627	0.0124	0.0004	24.0320	1.4407
2017-06-05 10:45:00	30.8718	72.4759	2.2375	0.0048	0.0001	23.6206	1.4147
2017-06-05 11:00:00	30.9885	79.3943	2.4603	0.0019	0.0001	23.6206	1.4200
2017-06-05 11:15:00	30.8806	85.2048	2.6312	0.0012	0.0000	23.7616	1.4235
2017-06-05 11:30:00	30.9345	69.9063	2.1625	0.0004	0.0000	24.1699	1.4505
2017-06-05 11:45:00	30.8117	66.7548	2.0568	0.0003	0.0000	24.1699	1.4447
2017-06-05 12:00:00	30.7020	79.4275	2.4386	0.0009	0.0000	23.6933	1.4112
2017-06-05 12:15:00	30.7979	78.6640	2.4227	0.0012	0.0000	22.9364	1.3704
2017-06-05 12:30:00	30.9597	69.8504	2.1625	0.0001	0.0000	22.9517	1.3785
2017-06-05 12:45:00	30.8018	67.0445	2.0651	0.0011	0.0000	23.6206	1.4115
2017-06-05 13:00:00	30.8100	66.5297	2.0498	0.0031	0.0001	23.4299	1.4004
2017-06-05 13:15:00	30.6556	72.6147	2.2260	0.0000	0.0000	23.2229	1.3811
2017-06-05 13:30:00	30.5568	80.2248	2.4514	0.0000	0.0000	23.1628	1.3731
2017-06-05 13:45:00	30.4108	72.7296	2.2118	0.0000	0.0000	23.1628	1.3665
2017-06-05 14:00:00	30.5411	71.6958	2.1897	0.0000	0.0000	22.8082	1.3514
2017-06-05 14:15:00	30.5959	73.7077	2.2552	0.0000	0.0000	23.1104	1.3717
2017-06-05 14:30:00	30.5001	71.1560	2.1703	0.0000	0.0000	23.3053	1.3790
2017-06-05 14:45:00	30.4532	69.7359	2.1237	0.0000	0.0000	23.3943	1.3821
2017-06-05 15:00:00	30.2196	69.7359	2.1074	0.0000	0.0000	23.1628	1.3579
2017-06-05 15:15:00	30.2741	71.7659	2.1726	0.0000	0.0000	23.1628	1.3604
2017-06-05 15:30:00	30.2377	74.8624	2.2637	0.0000	0.0000	23.1628	1.3588
2017-06-05 15:45:00	30.2246	74.3209	2.2463	0.0000	0.0000	23.1628	1.3582
2017-06-05 16:00:00	30.2731	72.6538	2.1995	0.0000	0.0000	23.1628	1.3603
2017-06-05 16:15:00	30.1914	70.5166	2.1290	0.0000	0.0000	23.1628	1.3567
2017-06-05 16:30:00	30.1454	69.7279	2.1020	0.0000	0.0000	23.1705	1.3551
2017-06-05 16:45:00	30.1795	70.8953	2.1396	0.0000	0.0000	23.6206	1.3829
2017-06-05 17:00:00	30.1450	73.5514	2.2172	0.0012	0.0000	23.9197	1.3989
2017-06-05 17:15:00	29.9832	74.3957	2.2306	0.0071	0.0002	23.8306	1.3862
2017-06-05 17:30:00	29.9740	73.2746	2.1963	0.0000	0.0000	23.6206	1.3735
2017-06-05 17:45:00	30.0117	69.0539	2.0724	0.0003	0.0000	24.0936	1.4028
2017-06-05 18:00:00	30.3072	69.9922	2.1213	0.0000	0.0000	24.2889	1.4281
2017-06-05 18:15:00	30.3234	76.0053	2.3047	0.0000	0.0000	23.7264	1.3958
2017-06-05 18:30:00	30.3623	72.0952	2.1890	0.0002	0.0000	24.4486	1.4401
2017-06-05 18:45:00	30.4993	69.2811	2.1130	0.0042	0.0001	25.0671	1.4832
2017-06-05 19:00:00	30.4487	76.7407	2.3367	0.0027	0.0001	25.1770	1.4872
	30.4321	75.5226	2.2983	0.0170	0.0005	24.9049	1.4703

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-05 19:30:00	30.5520	71.0345	2.1702	0.0883	0.0027	24.7192	1.4651
2017-06-05 19:45:00	30.4027	72.3308	2.1990	0.0768	0.0023	24.7192	1.4580
2017-06-05 20:00:00	30.6563	71.6252	2.1958	0.0646	0.0020	24.8347	1.4770
2017-06-05 20:15:00	30.7025	71.5535	2.1969	0.0470	0.0014	25.5682	1.5229
2017-06-05 20:30:00	30.9928	70.1405	2.1738	0.0471	0.0015	25.7263	1.5468
2017-06-05 20:45:00	30.9841	66.2405	2.0524	0.0280	0.0009	25.7263	1.5464
2017-06-05 21:00:00	30.8671	74.3852	2.2961	0.0216	0.0007	25.2310	1.5109
2017-06-05 21:15:00	30.8881	78.8461	2.4354	0.0109	0.0003	24.3811	1.4610
2017-06-05 21:30:00	30.8000	68.8210	2.1197	0.0031	0.0001	24.1699	1.4442
2017-06-05 21:45:00	30.8800	67.6773	2.0899	0.0031	0.0001	23.7315	1.4217
2017-06-05 22:00:00	30.8802	71.8875	2.2199	0.0159	0.0005	23.7122	1.4205
2017-06-05 22:15:00	30.8700	72.6908	2.2440	0.0175	0.0005	23.7122	1.4201
2017-06-05 22:30:00	30.5271	71.1177	2.1710	0.0031	0.0001	23.7122	1.4043
2017-06-05 22:45:00	30.5211	71.9042	2.1946	0.0114	0.0003	23.9858	1.4202
2017-06-05 23:00:00	30.3025	72.1406	2.1860	0.0089	0.0003	24.1699	1.4209
2017-06-05 23:15:00	30.6992	71.1391	2.1839	0.0125	0.0004	24.4746	1.4576
2017-06-05 23:30:00	30.6537	71.7701 72.9339	2.2000 2.2215	0.0055 0.0007	0.0002 0.0000	24.6277	1.4646
2017-06-05 23:45:00 2017-06-06 00:00:00	30.4586	72.9339 68.0097	2.2215	0.0007	0.0000	24.5550	1.4509
	30.5402					24.1491	1.4308
2017-06-06 00:15:00 2017-06-06 00:30:00	30.5320	66.6606 66.8196	2.0353	0.0029 0.0049	0.0001 0.0001	23.7122 23.7122	1.4045
2017-06-06 00:30:00	30.4863		2.0371 2.2622	0.0049	0.0001	23.7122	1.4024 1.4162
2017-06-06 00:45:00	30.5160 30.4981	74.1303 72.7218	2.2622	0.0143	0.0004	23.9222	1.4162
2017-06-06 01:00:00	30.4981	72.7218	2.2179	0.0000	0.0000	23.7844	1.4072
2017-06-06 01:13:00	30.5123	70.7338	2.1455	0.0030	0.0002	23.3942	1.3848
2017-06-06 01:30:00	30.4804	68.5320	2.1455	0.0030	0.0001	23.3942	1.3646
2017-06-06 01:45:00	30.4988	70.4493	2.0889	0.0042	0.0001	24.1699	1.4274
2017-06-06 02:05:00	30.6301	72.9778	2.2353	0.0024	0.0001	23.8063	1.4146
2017-06-06 02:30:00	30.6043	75.2897	2.3042	0.0067	0.0002	24.0972	1.4307
2017-06-06 02:45:00	30.5938	69.4086	2.1235	0.0142	0.0004	24.4397	1.4505
2017-06-06 03:00:00	30.5304	67.9046	2.0732	0.0247	0.0008	24.1683	1.4315
2017-06-06 03:15:00	30.5774	67.7320	2.0711	0.0054	0.0002	23.7122	1.4066
2017-06-06 03:30:00	30.5652	71.7737	2.1938	0.0125	0.0004	23.7523	1.4084
2017-06-06 03:45:00	30.5958	75.2131	2.3012	0.0019	0.0001	24.1699	1.4346
2017-06-06 04:00:00	30.5629	71.6586	2.1901	0.0192	0.0006	24.1699	1.4331
2017-06-06 04:15:00	30.5492	67.8750	2.0735	0.0179	0.0005	24.1699	1.4324
2017-06-06 04:30:00	30.5921	69.0223	2.1115	0.0316	0.0010	24.1699	1.4345
2017-06-06 04:45:00	30.6800	67.8231	2.0808	0.0397	0.0012	24.1699	1.4386
2017-06-06 05:00:00	30.5820	68.0680	2.0817	0.0000	0.0000	24.1699	1.4340
2017-06-06 05:15:00	30.6718	71.1979	2.1838	0.0000	0.0000	24.0341	1.4301
2017-06-06 05:30:00	30.6274	76.0478	2.3291	0.0000	0.0000	24.1099	1.4325
2017-06-06 05:45:00	30.6034	69.9470	2.1406	0.0125	0.0004	24.2114	1.4374
2017-06-06 06:00:00	30.6188	65.9042	2.0179	0.1982	0.0061	24.7192	1.4683
2017-06-06 06:15:00	30.6324	65.5277	2.0073	0.0851	0.0026	24.7192	1.4690
2017-06-06 06:30:00	30.5928	66.6339	2.0385	0.0003	0.0000	24.6411	1.4625
2017-06-06 06:45:00	30.6426	70.6996	2.1664	0.0011	0.0000	24.4009	1.4506
2017-06-06 07:00:00	30.8795	72.8643	2.2500	0.0001	0.0000	24.6979	1.4796
2017-06-06 07:15:00	30.6950	72.6160	2.2290	0.0000	0.0000	24.1699	1.4393
2017-06-06 07:30:00	30.7785	74.1325	2.2817	0.0000	0.0000	23.9680	1.4311
2017-06-06 07:45:00	30.6987	73.9410	2.2699	0.0000	0.0000	23.7122	1.4122
2017-06-06 08:00:00	30.7488	68.6923	2.1122	0.0000	0.0000	24.3136	1.4504
2017-06-06 08:15:00	30.6083	61.2761	1.8756	0.0000	0.0000	24.5520	1.4579
2017-06-06 08:30:00	30.7881	83.8802	2.5825	0.0000	0.0000	23.7122	1.4163
2017-06-06 08:45:00	31.0694	72.1936	2.2430	0.0000	0.0000	23.7122	1.4292
2017-06-06 09:00:00	31.3396	71.3491	2.2360	0.0000	0.0000	24.3548	1.4807
2017-06-06 09:15:00	31.1415	74.8993	2.3325	0.0251	0.0008	24.7192	1.4934
2017-06-06 09:30:00	30.9836	78.2336	2.4240	0.0000	0.0000	24.4373	1.4689
2017-06-06 09:45:00	30.7955	78.2209	2.4089	0.0000	0.0000	24.0070	1.4343
2017-06-06 10:00:00	30.5985	71.4001	2.1847	0.0000	0.0000	23.6206	1.4021
2017-06-06 10:15:00	30.4407	70.3672	2.1420	0.0000	0.0000	24.1559	1.4265
2017-06-06 10:30:00	30.4212	73.3151	2.2303	0.0000	0.0000	23.7114	1.3994
2017-06-06 10:45:00	30.4235	72.1892	2.1962	0.0000	0.0000	23.4172	1.3821
2017-06-06 11:00:00	30.4912	83.1051	2.5340	0.0000	0.0000	23.6206	1.3972
2017-06-06 11:15:00	30.6677	77.1388	2.3657	0.0000	0.0000	23.7268	1.4116
2017-06-06 11:30:00	30.5619	66.2396	2.0244	0.0000	0.0000	24.3774	1.4453
2017-06-06 11:45:00	30.4180	72.4312	2.2032	0.0000	0.0000	23.6499	1.3956
2017-06-06 12:00:00	30.4829	73.0885	2.2279	0.0000	0.0000	23.8947	1.4131
2017-06-06 12:15:00	30.5047	69.6077	2.1234	0.0000	0.0000	23.3922	1.3843
2017-06-06 12:30:00	30.4223	74.6250	2.2703	0.0000	0.0000	23.4009	1.3811
2017-06-06 12:45:00	30.5064	71.8890	2.1931	0.0000	0.0000	22.6697	1.3416
2017-06-06 13:00:00	30.4724	69.3490	2.1132	0.0000	0.0000	22.9437	1.3563
2017-06-06 13:15:00	30.3497	72.0580	2.1869	0.0000	0.0000	22.7411	1.3390
2017-06-06 13:30:00	30.3734	68.7567	2.0884	0.0000	0.0000	23.6003	1.3906
2017-06-06 13:45:00	30.1851	72.5574	2.1902	0.0000	0.0000	23.3709	1.3686
			2.2818	0.0000			

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-06 14:15:00	30.4960	74.3663	2.2679	0.0000	0.0000	23.2544	1.3758
2017-06-06 14:30:00	30.4334	76.3686	2.3242	0.0000	0.0000	23.2713	1.3740
2017-06-06 14:45:00	30.4041	85.9326	2.6127	0.0000	0.0000	23.3649	1.3782
2017-06-06 15:00:00	30.3509	93.9583	2.8517	0.0000	0.0000 0.0000	23.7122	1.3962
2017-06-06 15:15:00 2017-06-06 15:30:00	30.2244 30.1484	99.0569 99.1337	2.9939 2.9887	0.0000 0.0000	0.0000	23.6456 23.7122	1.3865 1.3869
2017-06-06 15:30:00	30.1464	101.6143	3.0652	0.0000	0.0000	23.3905	1.3688
2017-06-06 15:45:00	30.1914	78.9561	2.3838	0.0000	0.0000	23.3938	1.3702
2017-06-06 16:05:00	30.2643	69.4213	2.1010	0.0000	0.0000	23.6206	1.3868
2017-06-06 16:30:00	30.2546	67.9614	2.0561	0.0005	0.0000	23.7061	1.3914
2017-06-06 16:45:00	30.2407	69.9561	2.1155	0.0073	0.0002	24.1699	1.4180
2017-06-06 17:00:00	30.2835	73.0366	2.2118	0.0062	0.0002	23.9777	1.4087
2017-06-06 17:15:00	30.2570	73.3619	2.2197	0.0089	0.0003	23.6206	1.3865
2017-06-06 17:30:00	30.5158	68.9611	2.1044	0.0006	0.0000	23.6206	1.3984
2017-06-06 17:45:00	30.4190	68.0515	2.0701	0.0007	0.0000	23.6206	1.3939
2017-06-06 18:00:00	30.2727	71.7882	2.1732	0.0007	0.0000	23.9355	1.4057
2017-06-06 18:15:00	30.4105	74.1770	2.2558	0.0007	0.0000	24.1699	1.4259
2017-06-06 18:30:00	30.3723	71.3707	2.1677	0.0007	0.0000	24.6973	1.4552
2017-06-06 18:45:00	30.6486	69.5961	2.1330	0.0007	0.0000	24.7192	1.4698
2017-06-06 19:00:00	30.6983	74.1196	2.2753	0.0007	0.0000	24.3982	1.4530
2017-06-06 19:15:00	30.7804	80.1968	2.4685	0.0007	0.0000	23.9197	1.4283
2017-06-06 19:30:00	31.0074	69.1740	2.1449	0.0014	0.0000	24.5267	1.4754
2017-06-06 19:45:00	30.9576	69.2356	2.1434	0.0006	0.0000	24.6673	1.4815
2017-06-06 20:00:00	31.1704	81.4873	2.5400	0.0000	0.0000	23.0051	1.3911
2017-06-06 20:15:00	31.0673	71.3582	2.2169	0.0039	0.0001	24.1870	1.4578
2017-06-06 20:30:00	31.1674	65.4022	2.0384	0.2224	0.0069	25.4620	1.5396
2017-06-06 20:45:00	31.1471	63.9916	1.9932	0.3157	0.0098	25.7263	1.5545
2017-06-06 21:00:00	31.1770	63.9420	1.9935	0.0245	0.0008	26.3143	1.5916
2017-06-06 21:15:00	31.2135	72.4381	2.2610	0.0055	0.0002	26.1841	1.5856
2017-06-06 21:30:00	31.2911	78.8762	2.4681	0.0002	0.0000	26.0793	1.5831
2017-06-06 21:45:00	31.2003	70.5139	2.2001	0.0013	0.0000	25.7263	1.5572
2017-06-06 22:00:00	31.2519	67.1108	2.0973	0.0034	0.0001	25.7263	1.5598
2017-06-06 22:15:00	31.2738	69.7682	2.1819	0.0007	0.0000	25.5249	1.5486
2017-06-06 22:30:00	31.3117	76.1551	2.3845	0.0007	0.0000	25.5579	1.5525
2017-06-06 22:45:00	31.2312	69.0205	2.1556	0.0007	0.0000	25.1770	1.5254
2017-06-06 23:00:00	31.2095	68.0271	2.1231	0.0007	0.0000	25.1770	1.5244
2017-06-06 23:15:00	8.8215	39.4282	0.3478	0.3603	0.0032	20.6688	0.3537
2017-06-06 23:30:00	0.0000	151.1364	0.0000	0.3111	0.0000	15.6506	0.0000
2017-06-06 23:45:00	0.0000	183.8448	0.0000	0.1631	0.0000	46.0482	0.0000
2017-06-07 00:00:00	0.0000	155.5993	0.0000	0.0806	0.0000	44.2705	0.0000
2017-06-07 00:15:00	0.0000	126.0762	0.0000	0.0377	0.0000	39.3942	0.0000
2017-06-07 00:30:00	0.0000	101.3507	0.0000	0.0010	0.0000	36.5133	0.0000
2017-06-07 00:45:00	0.0000	84.4301	0.0000	0.0007	0.0000	34.1646	0.0000
2017-06-07 01:00:00	0.0000	73.8571	0.0000	0.0007	0.0000	32.3402	0.0000
2017-06-07 01:15:00	0.0000	65.7827	0.0000	0.0007	0.0000	30.7351	0.0000
2017-06-07 01:30:00	0.0000	60.2535	0.0000	0.0007	0.0000	29.2542	0.0000
2017-06-07 01:45:00	0.0000	56.4311	0.0000	0.0007	0.0000	27.6738	0.0000
2017-06-07 02:00:00	0.0000	52.9114	0.0000	0.0007	0.0000	25.6602	0.0000
2017-06-07 02:15:00	0.0000	49.7149	0.0000	0.0007	0.0000	24.1328	0.0000
2017-06-07 02:30:00	0.0000	47.0811	0.0000	0.0007	0.0000	23.2794	0.0000
2017-06-07 02:45:00	0.0000	45.9997	0.0000	0.0007	0.0000	23.5527	0.0000
2017-06-07 03:00:00	0.0000	43.9448	0.0000	0.0007	0.0000	27.9292	0.0000
2017-06-07 03:15:00	0.0000	41.6024	0.0000	0.0682	0.0000	37.9765	0.0000
2017-06-07 03:30:00	0.0000	39.8263	0.0000	0.1583	0.0000	42.6438	0.0000
2017-06-07 03:45:00	0.0000	38.6349	0.0000	0.1450	0.0000	42.1439	0.0000
2017-06-07 04:00:00	0.0000	37.7391	0.0000	0.0927	0.0000	40.9600	0.0000
2017-06-07 04:15:00	0.0000	36.5245	0.0000	0.0392	0.0000	38.7032	0.0000
2017-06-07 04:30:00	0.0000	34.7912	0.0000	0.0021	0.0000	35.4001	0.0000
2017-06-07 04:45:00	0.0000	33.7925	0.0000	0.0007	0.0000	31.8526	0.0000
2017-06-07 05:00:00	0.0000	32.3891	0.0000 0.0000	0.0007	0.0000	28.3802 25.4018	0.0000
2017-06-07 05:15:00 2017-06-07 05:30:00	0.0000 0.0000	31.4034 30.6600	0.0000	0.0007 0.0007	0.0000 0.0000	25.4018 22.9845	0.0000 0.0000
2017-06-07 05:30:00	0.0000	30.8600	0.0000	0.0007	0.0000	22.9845	0.0000
2017-06-07 05:45:00	0.0000	29.9611	0.0000	0.0007	0.0000	19.1052	0.0000
2017-06-07 06:00:00	0.0000	29.0566	0.0000	0.0007	0.0000	17.8488	0.0000
2017-06-07 06:15:00	0.0000	28.9531	0.0000	0.0007	0.0000	17.1463	0.0000
2017-06-07 06:45:00	0.0000	28.5815	0.0000	0.0007	0.0000	17.1204	0.0000
2017-06-07 07:00:00	0.0000	29.2570	0.0000	0.0007	0.0000	17.5061	0.0000
2017-06-07 07:00:00	0.0000	29.6807	0.0000	0.0007	0.0000	18.0822	0.0000
2017-06-07 07:30:00	0.0000	30.3425	0.0000	0.0026	0.0000	17.9742	0.0000
2017-06-07 07:45:00	0.0000	31.7065	0.0000	0.0191	0.0000	17.0669	0.0000
2017-06-07 07:43:00	0.0000	33.4156	0.0000	0.0014	0.0000	15.3125	0.0000
	0.0000	23230	3.0000	5.0017	3.5555		0.0000
	0.0000	34.7544	0.0000	0.0011	0.0000	12.9742	0.0000
2017-06-07 08:00:00 2017-06-07 08:15:00 2017-06-07 08:30:00	0.0000 0.0000	34.7544 35.3086	0.0000 0.0000	0.0011 0.0409	0.0000 0.0000	12.9742 10.4663	0.0000 0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-07 09:00:00	0.0000	36.2066	0.0000	0.0000	0.0000	5.7588	0.0000
2017-06-07 09:15:00	0.0000	36.3629	0.0000	0.0000	0.0000	4.0967	0.0000
2017-06-07 09:30:00	0.0000	35.3144	0.0000	0.0000	0.0000	2.5874	0.0000
2017-06-07 09:45:00	0.0000	33.7819	0.0000	0.0000	0.0000	1.5055	0.0000
2017-06-07 10:00:00	0.0000	33.3316	0.0000	0.0000	0.0000	0.6995	0.0000
2017-06-07 10:15:00	0.0000	32.7503	0.0000	0.0000	0.0000	0.1022	0.0000
2017-06-07 10:30:00	0.0000	32.2629	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-07 10:45:00	0.0000	32.3263	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-07 11:00:00	0.0000	32.1476	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-07 11:15:00	0.0000	31.3892	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-07 11:30:00	0.0000	31.3945	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-07 11:45:00	0.0000	31.3275	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-07 12:00:00	0.0000	32.1273	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000
2017-06-07 12:15:00 2017-06-07 12:30:00	0.0000 0.0000	31.8646 31.6539	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-07 12:35:00	0.0000	30.4226	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-07 12:45:00	0.0000	24.7903	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-07 13:05:00	0.0000	22.9966	0.0000	0.0003	0.0000	0.0000	0.0000
2017-06-07 13:13:00	0.0000	25.4632	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-07 13:45:00	0.0000	26.2260	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-07 13:43:00	0.0000	26.6506	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-07 14:05:00	0.0000	27.1594	0.0000	0.0003	0.0000	0.0000	0.0000
2017-06-07 14:30:00	0.0000	28.3130	0.0000	0.0010	0.0000	0.0000	0.0000
2017-06-07 14:45:00	0.0000	30.7842	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-07 15:00:00	0.0000	33.5521	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-07 15:15:00	0.0000	32.7160	0.0000	0.0036	0.0000	0.0000	0.0000
2017-06-07 15:30:00	0.0000	30.8245	0.0000	0.0129	0.0000	0.0000	0.0000
2017-06-07 15:45:00	0.0000	30.2590	0.0000	0.0488	0.0000	0.0000	0.0000
2017-06-07 16:00:00	0.0000	29.4748	0.0000	0.0963	0.0000	0.0000	0.0000
2017-06-07 16:15:00	0.0000	29.0566	0.0000	0.0565	0.0000	0.0000	0.0000
2017-06-07 16:30:00	0.0000	28.2773	0.0000	0.0578	0.0000	0.0000	0.0000
2017-06-07 16:45:00	0.0000	27.2064	0.0000	0.0450	0.0000	0.0000	0.0000
2017-06-07 17:00:00	0.0000	26.5929	0.0000	0.0465	0.0000	0.0000	0.0000
2017-06-07 17:15:00	0.0000	25.9907	0.0000	0.0710	0.0000	0.0000	0.0000
2017-06-07 17:30:00	0.0000	25.2238	0.0000	0.0608	0.0000	0.0000	0.0000
2017-06-07 17:45:00	0.0000	24.1827	0.0000	0.0092	0.0000	0.0000	0.0000
2017-06-07 18:00:00	0.0000	23.0917	0.0000	0.0190	0.0000	0.0000	0.0000
2017-06-07 18:15:00	0.0000	22.4705	0.0000	0.0817	0.0000	0.0000	0.0000
2017-06-07 18:30:00	0.0000	21.5620	0.0000	0.0910	0.0000	0.0000	0.0000
2017-06-07 18:45:00	0.0000	21.4418	0.0000	0.0903	0.0000	0.0000	0.0000
2017-06-07 19:00:00	0.0000	21.2236	0.0000	0.0871	0.0000	0.0000	0.0000
2017-06-07 19:15:00	0.0000	20.8740	0.0000	0.0528	0.0000	0.0000	0.0000
2017-06-07 19:30:00	0.0000	20.5993	0.0000	0.0056	0.0000	0.0000	0.0000
2017-06-07 19:45:00	0.0000	20.4888	0.0000	0.0051	0.0000	0.0000	0.0000
2017-06-07 20:00:00	0.0000	20.4398	0.0000	0.0001	0.0000	0.0000	0.0000
2017-06-07 20:15:00	0.0000	20.3129	0.0000	0.0087	0.0000	0.0000	0.0000
2017-06-07 20:30:00	0.0000	23.8236	0.0000	0.0056	0.0000	0.0000	0.0000
2017-06-07 20:45:00	1.2698	392.5002	0.4984	0.0189	0.0000	0.1181	0.0003
2017-06-07 21:00:00	17.1611	58.9095	1.0110	0.0038	0.0001	0.0000	0.0000
2017-06-07 21:15:00	22.3989	81.0936	1.8164	0.0106	0.0002	0.0000	0.0000
2017-06-07 21:30:00	24.3724	84.6203	2.0624	0.0952	0.0023	0.0000	0.0000
2017-06-07 21:45:00	17.3517	56.9624	0.9884	0.0127	0.0002	0.0000	0.0000
2017-06-07 22:00:00	0.0000	101.0884	0.0000	0.0480	0.0000	0.0000	0.0000
2017-06-07 22:15:00	0.0000	46.8273	0.0000	0.1674	0.0000	0.0000	0.0000
2017-06-07 22:30:00	0.0000	30.6440	0.0000	0.1934	0.0000	0.0000	0.0000
2017-06-07 22:45:00	0.0000	25.9775	0.0000	0.1496	0.0000	0.0000	0.0000
2017-06-07 23:00:00	0.0000	21.0784	0.0000	0.1545	0.0000	0.0000	0.0000
2017-06-07 23:15:00	0.0000	18.0096	0.0000	0.1018	0.0000	0.0000	0.0000
2017-06-07 23:30:00	0.0000	16.5745	0.0000	0.0262	0.0000	0.0000	0.0000
2017-06-07 23:45:00	0.0000	16.0313	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-08 00:00:00	0.0000	15.9471	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-08 00:15:00	0.0000	15.6144	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-08 00:30:00	0.0000	15.0734	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-08 00:45:00	0.0000	15.2404	0.0000	0.0013	0.0000	0.0000	0.0000
2017-06-08 01:00:00	0.0000	15.4127	0.0000	0.0016	0.0000	0.0000	0.0000
2017-06-08 01:15:00	0.0000	15.6038	0.0000	0.0071	0.0000	0.0000	0.0000
2017-06-08 01:30:00	0.0000	15.8442	0.0000	0.0006	0.0000	0.0000	0.0000
2017-06-08 01:45:00	0.0000	15.7053	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-08 02:00:00	0.0000	16.0313	0.0000	0.0118	0.0000	0.0000	0.0000
2017-06-08 02:15:00	0.0000	15.9484	0.0000	0.0020	0.0000	0.0000	0.0000
2017-06-08 02:30:00	0.0000	16.0313	0.0000	0.0222	0.0000	0.0000	0.0000
2017-06-08 02:45:00	0.0000	16.0313	0.0000	0.0591	0.0000	0.0000	0.0000
2017-06-08 03:00:00	0.0000	16.0313	0.0000	0.0415	0.0000	0.0000	0.0000
2017-06-08 03:15:00	0.0000	15.9725	0.0000	0.0389	0.0000	0.0000	0.0000
2017-06-08 03:30:00	0.0000	16.0313	0.0000	0.0382	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-08 03:45:00	0.0000	16.0313	0.0000	0.0508	0.0000	0.0000	0.0000
2017-06-08 04:00:00	0.0000	16.0313	0.0000	0.0337	0.0000	0.0000	0.0000
2017-06-08 04:15:00	0.0000	16.0313	0.0000	0.0073	0.0000	0.0000	0.0000
2017-06-08 04:30:00	0.0000	16.0313	0.0000	0.0104	0.0000	0.0000	0.0000
2017-06-08 04:45:00	0.0000	16.0313	0.0000	0.0426	0.0000	0.0000	0.0000
2017-06-08 05:00:00	0.0000	15.9711	0.0000	0.0166	0.0000	0.0000	0.0000
2017-06-08 05:15:00 2017-06-08 05:30:00	0.0000	15.8015	0.0000	0.0400 0.0490	0.0000	0.0000	0.0000
	0.0000 0.0000	16.0313 16.0313	0.0000 0.0000	0.0490	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-08 05:45:00 2017-06-08 06:00:00		16.0313	0.0000	0.0008	0.0000	0.0000	0.0000
	0.0000	16.0313	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-08 06:15:00	0.0000 0.0000	16.0335	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-08 06:30:00 2017-06-08 06:45:00	0.0000	16.0313	0.0000	0.0028	0.0000	0.0000	0.0000
2017-06-08 07:00:00	0.0000	16.1515	0.0000	0.0051	0.0000	0.0000	0.0000
2017-06-08 07:00:00	0.0000	16.1513	0.0000	0.0031	0.0000	0.0000	0.0000
2017-06-08 07:30:00	0.0000	16.8439	0.0000	0.0173	0.0000	0.0000	0.0000
2017-06-08 07:35:00	0.0000	16.8495	0.0000	0.0306	0.0000	0.0000	0.0000
2017-06-08 07:43:00	0.0000	17.1481	0.0000	0.0606	0.0000	0.0000	0.0000
2017-06-08 08:00:00	0.0000	17.1481	0.0000	0.1100	0.0000	0.0000	0.0000
2017-06-08 08:30:00	0.0000	17.1802	0.0000	0.0893	0.0000	0.0000	0.0000
2017-06-08 08:30:00	0.0000	17.1107	0.0000	0.0470	0.0000	0.0000	0.0000
2017-06-08 09:00:00	0.0042	18.7523	0.0001	0.0452	0.0000	0.0000	0.0000
2017-06-08 09:00:00	0.0000	19.7465	0.0001	0.0292	0.0000	0.0000	0.0000
2017-06-08 09:30:00	0.0000	20.1753	0.0000	0.0131	0.0000	0.0000	0.0000
2017-06-08 09:45:00	0.0000	20.9560	0.0000	0.0131	0.0000	0.0000	0.0000
2017-06-08 10:00:00	0.0000	22.2186	0.0000	0.0122	0.0000	0.0000	0.0000
2017-06-08 10:15:00	0.0000	23.3446	0.0000	0.0173	0.0000	0.0000	0.0000
2017-06-08 10:30:00	0.0000	23.2210	0.0000	0.0170	0.0000	0.0000	0.0000
2017-06-08 10:45:00	0.0000	23.8064	0.0000	0.0193	0.0000	0.0000	0.0000
2017-06-08 11:00:00	0.0000	24.5367	0.0000	0.0168	0.0000	0.0000	0.0000
2017-06-08 11:15:00	0.0000	25.2258	0.0000	0.0238	0.0000	0.0000	0.0000
2017-06-08 11:30:00	0.0000	26.1314	0.0000	0.0307	0.0000	0.0000	0.0000
2017-06-08 11:45:00	0.0000	34.0811	0.0000	0.0106	0.0000	0.0000	0.0000
2017-06-08 12:00:00	0.0000	47.8635	0.0000	0.0077	0.0000	0.0000	0.0000
2017-06-08 12:15:00	0.0000	49.8405	0.0000	0.0173	0.0000	0.0000	0.0000
2017-06-08 12:30:00	0.0000	47.5923	0.0000	0.0184	0.0000	0.0000	0.0000
2017-06-08 12:45:00	0.0000	42.9163	0.0000	0.0251	0.0000	0.0000	0.0000
2017-06-08 13:00:00	0.0000	39.2331	0.0000	0.0198	0.0000	0.0000	0.0000
2017-06-08 13:15:00	0.0042	36.3108	0.0002	0.0326	0.0000	0.0000	0.0000
2017-06-08 13:30:00	0.0000	32.3624	0.0000	0.0271	0.0000	0.0000	0.0000
2017-06-08 13:45:00	0.0000	0.0000	0.0000	0.0286	0.0000	0.0000	0.0000
2017-06-08 14:00:00	0.0000	26.3981	0.0000	0.0152	0.0000	0.0000	0.0000
2017-06-08 14:15:00	0.0273	26.8523	0.0007	0.0108	0.0000	0.0000	0.0000
2017-06-08 14:30:00	0.0000	16.4314	0.0000	0.0013	0.0000	0.0000	0.0000
2017-06-08 14:45:00	0.0117	6.9638	0.0001	0.0048	0.0000	0.0000	0.0000
2017-06-08 15:00:00	0.0000	26.4306	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-08 15:15:00	0.0037	34.9855	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-08 15:30:00	0.0000	37.5289	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-08 15:45:00	0.0000	38.3944	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-08 16:00:00	0.0000	38.3793	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-08 16:15:00	0.0042	38.5028	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-08 16:30:00	0.0000	39.2269	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-08 16:45:00	0.0000	40.6301	0.0000	0.0003	0.0000	0.0000	0.0000
2017-06-08 17:00:00	0.0000	41.2851	0.0000	0.0141	0.0000	0.0000	0.0000
2017-06-08 17:15:00	0.0000	41.5561	0.0000	0.0151	0.0000	0.0000	0.0000
2017-06-08 17:30:00	0.0000	41.2696	0.0000	0.0033	0.0000	0.0000	0.0000
2017-06-08 17:45:00	0.0000	40.5290	0.0000	0.0027	0.0000	0.0000	0.0000
2017-06-08 18:00:00	0.0000	39.4937	0.0000	0.0344	0.0000	0.0000	0.0000
2017-06-08 18:15:00	0.0000	39.0891	0.0000	0.0073	0.0000	0.0000	0.0000
2017-06-08 18:30:00	0.0000	38.0593	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-08 18:45:00	0.0000	38.6774	0.0000	0.0057	0.0000	0.0000	0.0000
2017-06-08 19:00:00	0.0000	38.3441	0.0000	0.0334	0.0000	0.0000	0.0000
2017-06-08 19:15:00	0.0000	38.0976	0.0000	0.0493	0.0000	0.0000	0.0000
2017-06-08 19:30:00	0.0000	36.7915	0.0000	0.0518	0.0000	0.0000	0.0000
2017-06-08 19:45:00	0.0000	37.9313	0.0000	0.0615	0.0000	0.0000	0.0000
2017-06-08 20:00:00	0.0000	37.9017	0.0000	0.0790	0.0000	0.0000	0.0000
2017-06-08 20:15:00	0.0000	37.1422	0.0000	0.0989	0.0000	0.0000	0.0000
2017-06-08 20:30:00	0.0000	36.9246	0.0000	0.1343	0.0000	0.0000	0.0000
2017-06-08 20:45:00	0.0000	35.4337	0.0000	0.1235	0.0000	0.0000	0.0000
2017-06-08 21:00:00	0.0000	35.6377	0.0000	0.1276	0.0000	0.0000	0.0000
2017-06-08 21:15:00	0.0000	34.4347	0.0000	0.1214	0.0000	0.0000	0.0000
2017-06-08 21:30:00	0.0000	34.1906	0.0000	0.1211	0.0000	0.0000	0.0000
2017-06-08 21:45:00	0.0000	34.8038	0.0000	0.1137	0.0000	0.0000	0.0000
	0.0000 0.0000 0.0000	34.8038 34.1495 34.4135	0.0000 0.0000 0.0000	0.1137 0.0910 0.0700	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-08 22:30:00	0.0000	35.8412	0.0000	0.0421	0.0000	0.0000	0.0000
2017-06-08 22:45:00	0.0000	38.3476	0.0000	0.0331	0.0000	0.0000	0.0000
2017-06-08 23:00:00	0.0000	39.2158	0.0000	0.1495	0.0000	0.0000	0.0000
2017-06-08 23:15:00	0.0000	37.6075	0.0000	0.3269	0.0000	0.0000	0.0000
2017-06-08 23:30:00	0.0000	38.2882	0.0000	0.4490	0.0000	0.0000	0.0000
2017-06-08 23:45:00	0.0000	37.2920	0.0000	0.5305	0.0000	0.0000	0.0000
2017-06-09 00:00:00	0.0000	37.3682	0.0000	0.6114	0.0000	0.0000	0.0000
2017-06-09 00:15:00	0.0000	37.7707	0.0000	0.6105	0.0000	0.0000	0.0000
2017-06-09 00:30:00	0.0000	37.5113	0.0000	0.6250	0.0000	0.0000	0.0000
2017-06-09 00:45:00	0.0000	37.2368	0.0000	0.6017	0.0000	0.0000	0.0000
2017-06-09 01:00:00	0.0000	36.5334	0.0000	0.5734	0.0000	0.0000	0.0000
2017-06-09 01:15:00	0.0000	37.1440	0.0000	0.5307	0.0000	0.0000	0.0000
2017-06-09 01:30:00	0.0000	37.9702	0.0000	0.4951	0.0000	0.0000	0.0000
2017-06-09 01:45:00	0.0000	37.6968	0.0000	0.3907	0.0000	0.0000	0.0000
2017-06-09 02:00:00	0.0000	40.3471	0.0000	0.3111	0.0000	0.0000	0.0000
2017-06-09 02:15:00	0.0196	42.3811	0.0008	0.3091	0.0000	0.0000	0.0000
2017-06-09 02:30:00	0.0238	43.1143	0.0010	0.2904	0.0000	0.0000	0.0000
2017-06-09 02:45:00	0.0300	42.7044	0.0013	0.2956	0.0000	0.0000	0.0000
2017-06-09 03:00:00	0.0643	42.9137	0.0028	0.2630	0.0000	0.0000	0.0000
2017-06-09 03:15:00 2017-06-09 03:30:00	0.0941 0.1155	43.8032 42.5788	0.0041 0.0049	0.2455 0.1889	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-09 03:35:00	0.1155			0.1889			
2017-06-09 03:45:00	0.1214	42.7640 42.6683	0.0052 0.0034	0.1745	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-09 04:00:00	0.0489	42.7406	0.0034	0.1444	0.0000	0.0000	0.0000
2017-06-09 04:15:00	0.0349	43.4215	0.0021	0.1219	0.0000	0.0000	0.0000
2017-06-09 04:45:00	0.0241	43.0254	0.0010	0.1752	0.0000	0.0000	0.0000
2017-06-09 05:00:00	0.0435	42.7618	0.0019	0.1100	0.0000	0.0000	0.0000
2017-06-09 05:15:00	0.0224	42.5538	0.0010	0.0990	0.0000	0.0000	0.0000
2017-06-09 05:30:00	0.0209	40.7595	0.0009	0.0784	0.0000	0.0000	0.0000
2017-06-09 05:45:00	0.0287	41.5443	0.0012	0.0656	0.0000	0.0000	0.0000
2017-06-09 06:00:00	0.0111	41.8672	0.0005	0.0545	0.0000	0.0000	0.0000
2017-06-09 06:15:00	0.0273	41.6496	0.0011	0.0493	0.0000	0.0000	0.0000
2017-06-09 06:30:00	0.0163	40.8993	0.0007	0.0516	0.0000	0.0000	0.0000
2017-06-09 06:45:00	0.0090	40.2930	0.0004	0.0494	0.0000	0.0000	0.0000
2017-06-09 07:00:00	0.0000	39.8434	0.0000	0.0482	0.0000	0.0000	0.0000
2017-06-09 07:15:00	0.0000	40.3687	0.0000	0.0378	0.0000	0.0000	0.0000
2017-06-09 07:30:00	0.0000	41.9589	0.0000	0.0188	0.0000	0.0000	0.0000
2017-06-09 07:45:00	0.0000	40.8810	0.0000	0.0124	0.0000	0.0000	0.0000
2017-06-09 08:00:00	0.0301	41.7182	0.0013	0.0276	0.0000	0.0000	0.0000
2017-06-09 08:15:00	0.0210	42.5708	0.0009	0.0107	0.0000	0.0000	0.0000
2017-06-09 08:30:00	0.0715	42.3000	0.0030	0.0009	0.0000	0.0000	0.0000
2017-06-09 08:45:00	0.0256	38.0208	0.0010	0.0016	0.0000	0.0000	0.0000
2017-06-09 09:00:00	0.0152	17.6259	0.0003	0.0004	0.0000	0.0000	0.0000
2017-06-09 09:15:00	0.0000	0.0127	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-09 09:30:00	0.0000	0.0000	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-09 09:45:00	0.0000	0.0000	0.0000	0.0010	0.0000	0.0000	0.0000
2017-06-09 10:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 10:15:00	0.0000	0.0000	0.0000	0.7815	0.0000	0.0000	0.0000
2017-06-09 10:30:00	0.0000	0.0000	0.0000	0.0502	0.0000	0.0000	0.0000
2017-06-09 10:45:00	0.0049	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 11:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 11:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 11:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 11:45:00	0.0000	0.2186	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 12:00:00	0.0000	12.0828	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 12:15:00	0.0000	48.0548	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 12:30:00	0.0000	49.5005	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 12:45:00	0.0000	48.7922	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 13:00:00	0.0000	48.5266	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 13:15:00	0.0000	50.8803	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 13:30:00	0.0000	48.2322	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 13:45:00	0.0000	47.0544	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 14:00:00	0.0000	47.8119	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 14:15:00	0.0121	46.2606	0.0006	0.0000	0.0000	0.0000	0.0000
2017-06-09 14:30:00	0.2782	47.8439	0.0133	0.0000	0.0000	0.0000	0.0000
2017-06-09 14:45:00	0.2677	48.7795	0.0131	0.0000	0.0000	0.0000	0.0000
2017-06-09 15:00:00	0.0000	52.8450	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 15:15:00	0.0000	57.7261	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 15:30:00	0.0078	57.0657	0.0004	0.0000	0.0000	0.0000	0.0000
2017-06-09 15:45:00	0.0000	55.8193	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-09 16:00:00	0.0352	53.4731	0.0019	0.0000	0.0000	0.0000	0.0000
2017-06-09 16:15:00	0.0073	52.0143	0.0004	0.0000	0.0000	0.0000	0.0000
2017-06-09 16:30:00	0.0358	52.7185	0.0019	0.0000	0.0000	0.0000	0.0000
2017-06-09 16:45:00	0.1327	52.9808	0.0070	0.0000	0.0000	0.0000	0.0000
2017-06-09 17:00:00	0.1043	53.4366	0.0056	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-06-09 17:15:00	0.0545	50.2370	0.0027	0.0000	0.0000	0.0000	0.0000	
2017-06-09 17:30:00	0.0185	48.0100	0.0009	0.0000	0.0000	0.0000	0.0000	
2017-06-09 17:45:00	0.0231	45.9462	0.0011	0.0000	0.0000	0.0000	0.0000	
2017-06-09 18:00:00	0.0036	42.4879	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-09 18:15:00	0.0110	39.2997	0.0004	0.0000	0.0000	0.0000	0.0000	
2017-06-09 18:30:00	0.0000	37.5728	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-09 18:45:00	0.0073	36.3805	0.0003	0.0000	0.0000	0.0000	0.0000	
2017-06-09 19:00:00	0.6054	34.1786	0.0207	0.0000	0.0000	0.0000	0.0000	
2017-06-09 19:15:00	0.4474	33.3958	0.0149	0.0000	0.0000	0.0000	0.0000	
2017-06-09 19:30:00	0.0434	33.2286	0.0014	0.0000	0.0000	0.0000	0.0000	
2017-06-09 19:45:00	0.9796	5.4580	0.0053	0.0069	0.0000	0.0000	0.0000	
2017-06-09 20:00:00	1.3492	0.0000	0.0000	0.0093	0.0000	0.0000	0.0000	
2017-06-09 20:15:00	0.3058	0.0000	0.0000	0.0765	0.0000	0.0000	0.0000	
2017-06-09 20:30:00	1.1978	0.0000 0.0000	0.0000 0.0000	0.1019	0.0001 0.0001	0.0000 0.0000	0.0000	
2017-06-09 20:45:00	1.9654	0.0000		0.0516 0.0477				
2017-06-09 21:00:00	0.4524	0.0000	0.0000	0.0477	0.0000 0.0000	0.0000 0.0000	0.0000	
2017-06-09 21:15:00 2017-06-09 21:30:00	0.0110		0.0000 0.0000	0.0936	0.0000	0.0000	0.0000	
2017-06-09 21:30:00	0.1969 0.0881	0.0000 0.0000	0.0000	0.0734	0.0000	0.0000	0.0000	
				0.0708				
2017-06-09 22:00:00 2017-06-09 22:15:00	0.0403 0.0659	0.0000 0.0000	0.0000 0.0000	0.0757	0.0000 0.0000	0.0000 0.0000	0.0000	
2017-06-09 22:15:00 2017-06-09 22:30:00	0.0659	0.0000	0.0000	0.0860	0.0000	0.0000	0.0000	
2017-06-09 22:30:00	1.2642	0.0000	0.0000	0.0371	0.0000	0.0000	0.0000	
2017-06-09 22:45:00	1.3459	0.0000	0.0000	0.0204	0.0000	0.0000	0.0000	
2017-06-09 23:00:00	0.5855	0.0000	0.0000	0.0155	0.0000	0.0000	0.0000	
2017-06-09 23:13:00	1.0209	0.0000	0.0000	0.0148	0.0000	0.0000	0.0000	
2017-06-09 23:45:00	1.1788	0.0000	0.0000	0.0015	0.0000	0.0000	0.0000	
2017-06-10 00:00:00	0.8455	0.0000	0.0000	0.0069	0.0000	0.0000	0.0000	
2017-06-10 00:15:00	0.8238	0.0000	0.0000	0.0043	0.0000	0.0000	0.0000	
2017-06-10 00:30:00	1.1924	0.0000	0.0000	0.0023	0.0000	0.0000	0.0000	
2017-06-10 00:45:00	0.4773	0.0000	0.0000	0.0131	0.0000	0.0000	0.0000	
2017-06-10 01:00:00	0.3617	0.0000	0.0000	0.0171	0.0000	0.0000	0.0000	
2017-06-10 01:15:00	0.2309	0.0000	0.0000	0.0065	0.0000	0.0000	0.0000	
2017-06-10 01:30:00	0.5188	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	
2017-06-10 01:45:00	0.3484	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 02:00:00	0.1357	0.0000	0.0000	0.0008	0.0000	0.0000	0.0000	
2017-06-10 02:15:00	0.1694	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000	
2017-06-10 02:30:00	0.1242	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 02:45:00	0.1377	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 03:00:00	0.1191	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 03:15:00	0.2254	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 03:30:00	0.1906	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 03:45:00	0.1130	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 04:00:00	0.1726	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 04:15:00	0.1621	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 04:30:00	0.1501	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 04:45:00	0.2513	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 05:00:00	0.2431	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 05:15:00	0.1670	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 05:30:00	0.1619	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 05:45:00	0.1971	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 06:00:00	0.2312	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 06:15:00	0.1415	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 06:30:00	0.1793	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 06:45:00	0.2434	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 07:00:00	0.2614	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 07:15:00	0.2207	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 07:30:00	0.1360	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 07:45:00	0.2556	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 08:00:00	0.1375	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 08:15:00	0.1650	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 08:30:00	0.2230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 08:45:00	0.0884	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 09:00:00	0.0226	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 09:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 09:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 09:45:00	0.0042	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 10:00:00	0.0053	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 10:15:00	0.0000	0.0000	0.0000	0.7736	0.0000	0.0000	0.0000	
2017-06-10 10:30:00	0.0100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 10:45:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 11:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-10 11:15:00	0.0000	0.0000	0.0000					
2017-06-10 11:15:00 2017-06-10 11:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-10 12:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 12:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 12:30:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 12:45:00	0.0123	2.7287	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-10 13:00:00 2017-06-10 13:15:00	0.0115 0.0000	3.8074 3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 13:15:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 13:30:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 13:43:00	0.0123	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 14:15:00	0.1119	4.6063	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-10 14:30:00	0.1076	5.0098	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-10 14:45:00	0.1781	5.0098	0.0009	0.0000	0.0000	0.0000	0.0000
2017-06-10 15:00:00	0.0156	5.0098	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-10 15:15:00	0.0038	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 15:30:00	0.0000	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 15:45:00	0.0040	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 16:00:00	0.0341	3.9490	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-10 16:15:00	0.0185	3.8074	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-10 16:30:00	0.0124	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 16:45:00	0.0110	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 17:00:00	0.0127	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 17:15:00	0.0042	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 17:30:00	0.0077	3.8074	0.0000	0.0001	0.0000	0.0000	0.0000
2017-06-10 17:45:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-10 18:00:00	0.0038	3.8074	0.0000	0.0027	0.0000	0.0000	0.0000
2017-06-10 18:15:00	0.0235	3.8074	0.0001	0.0017	0.0000	0.0000	0.0000
2017-06-10 18:30:00	0.0000	3.8074	0.0000	0.0019	0.0000	0.0000	0.0000
2017-06-10 18:45:00	0.0000	3.8074	0.0000	0.0097	0.0000	0.0000 0.0000	0.0000
2017-06-10 19:00:00 2017-06-10 19:15:00	0.0000 0.0000	3.8074 3.8074	0.0000 0.0000	0.0060 0.0083	0.0000 0.0000	0.0000	0.0000 0.0000
2017-06-10 19:15:00	0.0000	3.8074	0.0000	0.0300	0.0000	0.0000	0.0000
2017-06-10 19:45:00	0.0000	3.8074	0.0000	0.0319	0.0000	0.0000	0.0000
2017-06-10 20:00:00	0.0036	3.8074	0.0000	0.0219	0.0000	0.0000	0.0000
2017-06-10 20:15:00	0.0076	3.8074	0.0000	0.0279	0.0000	0.0000	0.0000
2017-06-10 20:30:00	0.0116	3.8074	0.0000	0.0183	0.0000	0.0000	0.0000
2017-06-10 20:45:00	0.0481	3.8074	0.0002	0.0002	0.0000	0.0000	0.0000
2017-06-10 21:00:00	1.3558	3.8074	0.0052	0.0113	0.0000	0.0000	0.0000
2017-06-10 21:15:00	0.3830	3.8074	0.0015	0.0007	0.0000	0.0000	0.0000
2017-06-10 21:30:00	2.1244	3.8074	0.0081	0.0022	0.0000	0.0000	0.0000
2017-06-10 21:45:00	2.7427	3.8074	0.0104	0.0159	0.0000	0.0000	0.0000
2017-06-10 22:00:00	2.7035	3.8074	0.0103	0.0249	0.0001	0.0000	0.0000
2017-06-10 22:15:00	2.1545	3.8074	0.0082	0.0140	0.0000	0.0000	0.0000
2017-06-10 22:30:00	1.9220	3.8074	0.0073	0.0160	0.0000	0.0000	0.0000
2017-06-10 22:45:00	1.1399	3.8074	0.0043	0.0145	0.0000	0.0000	0.0000
2017-06-10 23:00:00	0.6378	3.8074	0.0024	0.0095	0.0000	0.0000	0.0000
2017-06-10 23:15:00	0.4270	3.8074	0.0016	0.0002	0.0000	0.0000	0.0000
2017-06-10 23:30:00	0.4512	3.8074	0.0017	0.0016	0.0000	0.0000	0.0000
2017-06-10 23:45:00	0.7300	3.8074	0.0028	0.0113	0.0000	0.0000	0.0000
2017-06-11 00:00:00	1.1133	3.8074	0.0042	0.0378	0.0000	0.0000	0.0000
2017-06-11 00:15:00	0.8853	3.8074 3.8074	0.0034 0.0021	0.0190 0.0298	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-11 00:30:00 2017-06-11 00:45:00	0.5465 1.6477	3.8074 3.8074	0.0021	0.0298	0.0000	0.0000	0.0000
2017-06-11 00:45:00	1.0555	3.8074	0.0040	0.0078	0.0000	0.0000	0.0000
2017-06-11 01:05:00	0.7373	3.8074	0.0028	0.0107	0.0000	0.0000	0.0000
2017-06-11 01:30:00	0.0621	3.8074	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-11 01:45:00	0.0479	3.8074	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-11 02:00:00	0.2111	3.8074	0.0008	0.0000	0.0000	0.0000	0.0000
2017-06-11 02:15:00	0.4196	3.8074	0.0016	0.0000	0.0000	0.0000	0.0000
2017-06-11 02:30:00	0.1581	3.6972	0.0006	0.0000	0.0000	0.0000	0.0000
2017-06-11 02:45:00	0.0577	2.8055	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-11 03:00:00	0.1837	2.8055	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-11 03:15:00	0.0623	2.8055	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-11 03:30:00	0.0330	2.8055	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 03:45:00	0.0487	2.8055	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 04:00:00	0.0519	2.8055	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 04:15:00	0.1036	2.8055	0.0003	0.0000	0.0000	0.0000	0.0000
2017-06-11 04:30:00	0.0535	2.8055	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-11 04:45:00	0.0250	2.8055	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 05:00:00	0.0545	2.8055	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-11 05:15:00	0.0766	2.8055	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-11 05:30:00	0.0327	2.1161	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 05:45:00	0.0881	1.6031	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 06:00:00 2017-06-11 06:15:00	0.0524 0.0583	1.6031 1.6031	0.0001 0.0001	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-11 06:15:00	0.0583	1.6031	0.0001	0.0000	0.0000	0.0000	0.0000
2017 00 11 00.30.00	I 0.0323	1.0031	0.0001	0.0000	0.0000	0.0000	J.5000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-11 06:45:00	0.1049	1.6031	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-11 07:00:00	0.0269	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 07:15:00	0.0078	1.6031	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 07:30:00	0.0375	1.6031	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 07:45:00	0.0329	1.8529	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 08:00:00	0.0386	2.8055	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 08:15:00	0.0447	2.8055	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 08:30:00	0.1371	2.8055	0.0004	0.0000	0.0000	0.0000	0.0000
2017-06-11 08:45:00	0.1628	2.8055	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-11 09:00:00	0.0167	2.8055	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 09:15:00	0.0907	3.2842	0.0003	0.0000	0.0000	0.0000	0.0000
2017-06-11 09:30:00	0.0611	3.8074	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-11 09:45:00	0.0261	3.8074	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 10:00:00	0.0039	82.0675	0.0003	0.0001	0.0000	0.0000	0.0000
2017-06-11 10:15:00	0.0123	0.0000	0.0000	0.8055	0.0000	0.0000	0.0000
2017-06-11 10:30:00	0.0197	4.2774	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 10:45:00	0.0120	0.1180	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 11:00:00	0.0000	0.5794	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-11 11:15:00 2017-06-11 11:30:00	0.0000	1.6942			0.0000	0.0000	
2017-06-11 11:30:00 2017-06-11 11:45:00	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000
2017-06-11 11:43:00			0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 12:00:00	0.0000 0.0000	0.9781 4.8439	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 12:13:00	0.0000	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 12:45:00	0.0000	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 13:00:00	0.0000	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 13:15:00	0.0000	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 13:30:00	0.0000	4.8922	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 13:45:00	0.0000	1.8576	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 14:00:00	0.0000	684.3841	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 14:15:00	0.0000	793.0735	0.0000	0.0000	0.0000	103.0280	0.0000
2017-06-11 14:30:00	0.0959	23.8340	0.0023	0.0000	0.0000	541.1840	0.1007
2017-06-11 14:45:00	0.0920	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 15:00:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 15:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 15:30:00	0.0396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 15:45:00	0.0716	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 16:00:00	0.0957	12.1098	0.0012	0.0000	0.0000	0.0719	0.0000
2017-06-11 16:15:00	0.2476	506.9003	0.1255	0.0000	0.0000	0.1396	0.0001
2017-06-11 16:30:00	0.2391	607.3826	0.1452	0.0000	0.0000	0.0000	0.0000
2017-06-11 16:45:00	0.0079	1888.9047	0.0149	0.0000	0.0000	0.0000	0.0000
2017-06-11 17:00:00	0.0557	2073.1056	0.1156	0.0000	0.0000	0.0000	0.0000
2017-06-11 17:15:00	0.0724	2106.9988	0.1525	0.0000	0.0000	0.0000	0.0000
2017-06-11 17:30:00	0.0075	2120.7983	0.0159	0.0000	0.0000	0.0000	0.0000
2017-06-11 17:45:00	0.0439	1770.8154	0.0778	0.0000	0.0000	0.0000	0.0000
2017-06-11 18:00:00	0.0077	80.3197	0.0006	0.0000	0.0000	0.0000	0.0000
2017-06-11 18:15:00	0.0193	1252.7972	0.0242	0.0000	0.0000	0.0000	0.0000
2017-06-11 18:30:00	0.0189	621.6770	0.0117	0.0000	0.0000	0.0000	0.0000
2017-06-11 18:45:00	0.0561	4.0078	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-11 19:00:00	0.1355	4.0078	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-11 19:15:00	0.0039	4.0078	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 19:30:00	0.0000	4.0078	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 19:45:00	0.0072	4.0078	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-11 20:00:00	0.0154	4.0078	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 20:15:00	0.0220	4.0078	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-11 20:30:00	0.0000	4.0078	0.0000	0.0002	0.0000	0.0000	0.0000
2017-06-11 20:45:00	0.1087	4.0078	0.0004	0.0000	0.0000	0.0000	0.0000
2017-06-11 21:00:00	0.0000	4.0078	0.0000	0.0040	0.0000	0.0000	0.0000
2017-06-11 21:15:00	0.0000	4.0078	0.0000	0.0042	0.0000	0.0000	0.0000
2017-06-11 21:30:00	0.0747	4.0078	0.0003	0.0035	0.0000	0.0000	0.0000
2017-06-11 21:45:00	0.0634	4.0078	0.0003	0.0012	0.0000	0.0000	0.0000
2017-06-11 22:00:00	0.0180	4.0078	0.0001	0.0018	0.0000	0.0000	0.0000
2017-06-11 22:15:00	0.0073	4.0078	0.0000	0.0030	0.0000	0.0000	0.0000
2017-06-11 22:30:00	0.3961	4.0078	0.0016	0.0007	0.0000	0.0000	0.0000
2017-06-11 22:45:00	2.5455	4.0078	0.0102	0.0007	0.0000	0.0000	0.0000
2017-06-11 23:00:00	2.5752	4.0078	0.0103	0.0007	0.0000	0.0000	0.0000
2017-06-11 23:15:00	0.8161	4.0078	0.0033	0.0007	0.0000	0.0000	0.0000
2017-06-11 23:30:00	0.5319	4.0078	0.0021	0.0007	0.0000	0.0000	0.0000
2017-06-11 23:45:00	0.7079	4.6802	0.0033	0.0007	0.0000	0.0000	0.0000
2017-06-12 00:00:00	1.2806	6.0117	0.0077	0.0012	0.0000	0.0000	0.0000
2017-06-12 00:15:00	1.1650	6.0117	0.0070	0.0005	0.0000	0.0000	0.0000
2017-06-12 00:30:00	0.9749	5.1367	0.0050	0.0000	0.0000	0.0000	0.0000
2017-06-12 00:45:00	0.9474	5.0098	0.0047	0.0000	0.0000	0.0000	0.0000
2017-06-12 01:00:00	1.1253	5.0098	0.0056	0.0000	0.0000	0.0000	0.0000
2017-06-12 01:15:00	1.1725	5.0098	0.0059	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-06-12 01:30:00	1.1583	5.0098	0.0058	0.0000	0.0000	0.0000	0.0000	
2017-06-12 01:45:00	1.2658	4.0613	0.0051	0.0000	0.0000	0.0000	0.0000	
2017-06-12 02:00:00	0.3964	3.8074	0.0015	0.0000	0.0000	0.0000	0.0000	
2017-06-12 02:15:00	1.0520	3.8074	0.0040	0.0000	0.0000	0.0000	0.0000	
2017-06-12 02:30:00	2.0389	3.8074	0.0078	0.0000	0.0000	0.0000	0.0000	
2017-06-12 02:45:00	1.3668	3.8074	0.0052	0.0000	0.0000	0.0000	0.0000	
2017-06-12 03:00:00	0.7171 0.0785	3.8074	0.0027 0.0003	0.0000 0.0000	0.0000	0.0000	0.0000	
2017-06-12 03:15:00 2017-06-12 03:30:00	0.0785	3.8074 3.8074	0.0003	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	
			0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 03:45:00 2017-06-12 04:00:00	0.0074	3.8074 3.8074	0.0000	0.0000	0.0000	0.0000	0.0000	
	0.464 <u>1</u> 0.9422	3.8074	0.0018	0.0000	0.0000	0.0000	0.0000	
2017-06-12 04:15:00 2017-06-12 04:30:00	0.3422	3.8074	0.0036	0.0000	0.0000	0.0000	0.0000	
2017-06-12 04:45:00	0.7010	3.5725	0.0013	0.0000	0.0000	0.0000	0.0000	
2017-06-12 04:43:00	0.7010	3.0638	0.0023	0.0000	0.0000	0.0000	0.0000	
2017-06-12 05:05:00	0.2769	2.8055	0.0008	0.0000	0.0000	0.0000	0.0000	
2017-06-12 05:30:00	0.0755	2.8055	0.0003	0.0000	0.0000	0.0000	0.0000	
2017-06-12 05:45:00	0.0156	2.8055	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 06:00:00	0.0191	2.8055	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 06:15:00	0.0078	3.1695	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 06:30:00	0.0270	3.8074	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 06:45:00	0.0526	3.8074	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 07:00:00	0.1696	3.8074	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 07:15:00	0.0192	3.5202	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 07:30:00	0.0171	3.4378	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 07:45:00	0.0542	4.2763	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 08:00:00	0.0268	5.0098	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 08:15:00	0.0170	5.5148	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 08:30:00	0.0334	6.2121	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 08:45:00	0.0000	6.2121	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 09:00:00	0.0000	6.2121	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 09:15:00	0.0248	6.2121	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 09:30:00	0.0335	6.2121	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 09:45:00	0.0000	6.2121	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 10:00:00	0.0076	6.2121	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 10:15:00	0.0000	6.3433	0.0000	0.7945	0.0000	0.0000	0.0000	
2017-06-12 10:30:00	0.0000	6.6697	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 10:45:00	0.0000	6.8211	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 11:00:00	0.0128	6.3958	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 11:15:00	0.0089	6.4058	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 11:30:00	0.0000	6.2266	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 11:45:00	0.0194	6.1331	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 12:00:00	0.0048	6.9981	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 12:15:00	0.0494	6.8055	0.0003	0.0000	0.0000	0.0000	0.0000	
2017-06-12 12:30:00	0.0301	6.9903	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 12:45:00	0.0283	7.0137	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 13:00:00	0.0156	7.0137	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 13:15:00	0.0570	7.0137	0.0004	0.0000	0.0000	0.0000	0.0000	
2017-06-12 13:30:00	0.0076	7.0137	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 13:45:00	0.0000	7.0137	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 14:00:00	0.0000	7.0137	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 14:15:00	0.0000	6.8389	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 14:30:00	0.2292	6.0117	0.0014	0.0000	0.0000	0.0000	0.0000	
2017-06-12 14:45:00	0.1882	6.0117	0.0011	0.0000	0.0000	0.0000	0.0000	
2017-06-12 15:00:00	0.0300	6.0117	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 15:15:00	0.0122	6.0117	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 15:30:00	0.0000	6.0117	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 15:45:00	0.0220	6.0117	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 16:00:00	0.0313	6.0117	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-12 16:15:00	0.0118	5.2024	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 16:30:00	0.1620	5.0098	0.0008	0.0000	0.0000	0.0000	0.0000	
2017-06-12 16:45:00	0.1935	5.0098	0.0010	0.0000	0.0000	0.0000	0.0000	
2017-06-12 17:00:00	0.0930	5.0098	0.0005	0.0000	0.0000	0.0000	0.0000	
2017-06-12 17:15:00	0.1615	5.0098	0.0008	0.0000	0.0000	0.0000	0.0000	
2017-06-12 17:30:00	0.0710	5.0098	0.0004	0.0000	0.0000	0.0000	0.0000	
2017-06-12 17:45:00	0.0697	5.0098	0.0003	0.0000	0.0000	0.0000	0.0000	
2017-06-12 18:00:00	0.0738	4.2510	0.0003	0.0000	0.0000	0.0000	0.0000	
2017-06-12 18:15:00	0.0195	3.8074	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-12 18:30:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 18:45:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 19:00:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000	
	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-12 19:15:00								
2017-06-12 19:30:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000	

		Point Source Air E					
Parameter	Volumetric Flow Rate		Оx	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-12 20:15:00	0.0493	3.8074	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-12 20:30:00	0.0114	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-12 20:45:00	0.0000	3.8074	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-12 21:00:00	0.0000	3.8074	0.0000 0.0000	0.0000 0.0008	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-12 21:15:00 2017-06-12 21:30:00	0.0000 0.1019	3.8074 3.8074	0.0004	0.0008	0.0000	0.0000	0.0000
2017-06-12 21:45:00	0.3783	3.8074	0.0004	0.0006	0.0000	0.0000	0.0000
2017-06-12 21:45:00	0.7687	3.8074	0.0014	0.0007	0.0000	0.0000	0.0000
2017-06-12 22:05:00	0.4221	3.8074	0.0029	0.0007	0.0000	0.0000	0.0000
2017-06-12 22:30:00	0.6304	3.8074	0.0010	0.0007	0.0000	0.0000	0.0000
2017-06-12 22:45:00	0.0467	3.8074	0.0002	0.0012	0.0000	0.0000	0.0000
2017-06-12 23:00:00	0.0900	3.8074	0.0003	0.0012	0.0000	0.0000	0.0000
2017-06-12 23:15:00	0.0145	3.8074	0.0001	0.0029	0.0000	0.0000	0.0000
2017-06-12 23:30:00	0.3159	3.8074	0.0012	0.0068	0.0000	0.0000	0.0000
2017-06-12 23:45:00	0.0310	3.8074	0.0001	0.0080	0.0000	0.0000	0.0000
2017-06-13 00:00:00	0.0284	3.8074	0.0001	0.0033	0.0000	0.0000	0.0000
2017-06-13 00:15:00	0.0146	3.8074	0.0001	0.0077	0.0000	0.0000	0.0000
2017-06-13 00:30:00	0.0036	3.8074	0.0000	0.0134	0.0000	0.0000	0.0000
2017-06-13 00:45:00	2.1081	3.8074	0.0080	0.0000	0.0000	0.0000	0.0000
2017-06-13 01:00:00	2.0284	3.8074	0.0077	0.0000	0.0000	0.0000	0.0000
2017-06-13 01:15:00	0.8484	3.8074	0.0032	0.0000	0.0000	0.0000	0.0000
2017-06-13 01:30:00	1.4873	3.8074	0.0057	0.0004	0.0000	0.0000	0.0000
2017-06-13 01:45:00	1.0767	3.8074	0.0041	0.0007	0.0000	0.0000	0.0000
2017-06-13 02:00:00	2.4238	3.8074	0.0092	0.0065	0.0000	0.0000	0.0000
2017-06-13 02:15:00	2.1233	3.8074	0.0081	0.0002	0.0000	0.0000	0.0000
2017-06-13 02:30:00	1.9611	3.8074	0.0075	0.0012	0.0000	0.0000	0.0000
2017-06-13 02:45:00	1.1856	3.8074	0.0045	0.0005	0.0000	0.0000	0.0000
2017-06-13 03:00:00	1.3428	3.8074	0.0051	0.0007	0.0000	0.0000	0.0000
2017-06-13 03:15:00	1.4688	3.8074	0.0056	0.0007	0.0000	0.0000	0.0000
2017-06-13 03:30:00	1.2032	3.8074	0.0046	0.0007	0.0000	0.0000	0.0000
2017-06-13 03:45:00	0.0940	3.8074	0.0004	0.0007	0.0000	0.0000	0.0000
2017-06-13 04:00:00	0.0000	3.8074	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-13 04:15:00	0.0150	3.8074	0.0001	0.0007	0.0000	0.0000	0.0000
2017-06-13 04:30:00	0.0000	3.8074	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-13 04:45:00	0.0000	3.8074	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-13 05:00:00	0.0000	3.8074	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-13 05:15:00	0.0000	3.8074	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-13 05:30:00	0.0157	3.8074	0.0001	0.0007	0.0000	0.0000	0.0000
2017-06-13 05:45:00	0.0000	3.8074	0.0000	0.0007 0.0007	0.0000	0.0000	0.0000
2017-06-13 06:00:00	0.0332	3.8074 3.8074	0.0001 0.0001		0.0000	0.0000 0.0000	0.0000
2017-06-13 06:15:00 2017-06-13 06:30:00	0.0188 0.0000	3.8074	0.0001	0.0007 0.0007	0.0000 0.0000	0.0000	0.0000 0.0000
2017-06-13 06:45:00	0.0000	3.8074	0.0003	0.0007	0.0000	0.0000	0.0000
2017-06-13 07:00:00	0.0470	3.8074	0.0003	0.0007	0.0000	0.0000	0.0000
2017-06-13 07:05:00	0.0762	3.8074	0.0002	0.0007	0.0000	0.0000	0.0000
2017-06-13 07:30:00	0.0312	3.8074	0.0003	0.0007	0.0000	0.0000	0.0000
2017-06-13 07:45:00	0.0234	3.8074	0.0001	0.0007	0.0000	0.0000	0.0000
2017-06-13 08:00:00	0.1353	3.8074	0.0005	0.0007	0.0000	0.0000	0.0000
2017-06-13 08:05:00	0.1061	3.8074	0.0003	0.0007	0.0000	0.0000	0.0000
2017-06-13 08:30:00	0.1018	3.8074	0.0004	0.0007	0.0000	0.0000	0.0000
2017-06-13 08:45:00	0.2433	3.8074	0.0009	0.0007	0.0000	0.0000	0.0000
2017-06-13 09:00:00	0.1047	3.8074	0.0004	0.0007	0.0000	0.0000	0.0000
2017-06-13 09:15:00	0.1128	3.8074	0.0004	0.0007	0.0000	0.0000	0.0000
2017-06-13 09:30:00	0.0784	3.8074	0.0003	0.0007	0.0000	0.0000	0.0000
2017-06-13 09:45:00	0.2606	3.8074	0.0010	0.0007	0.0000	0.0000	0.0000
2017-06-13 10:00:00	0.1517	3.8074	0.0006	0.0007	0.0000	0.0000	0.0000
2017-06-13 10:15:00	0.1639	3.8074	0.0006	0.7877	0.0001	0.0000	0.0000
2017-06-13 10:30:00	0.0617	4.3658	0.0003	0.0000	0.0000	0.0000	0.0000
2017-06-13 10:45:00	0.0074	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-13 11:00:00	0.0424	5.0098	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-13 11:15:00	0.1836	5.0098	0.0009	0.0000	0.0000	0.0000	0.0000
2017-06-13 11:30:00	0.0239	5.0098	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-13 11:45:00	0.0113	5.3861	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-13 12:00:00	0.0000	5.9071	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-13 12:15:00	0.0393	6.0117	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-13 12:30:00	0.0000	6.0117	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-13 12:45:00	0.1426	6.0117	0.0009	0.0000	0.0000	0.0000	0.0000
2017-06-13 13:00:00	0.3154	6.0117	0.0019	0.0000	0.0000	0.0000	0.0000
2017-06-13 13:15:00	0.2424	6.0117	0.0015	0.0000	0.0000	0.0000	0.0000
2017-06-13 13:30:00	0.1903	6.4018	0.0012	0.0000	0.0000	0.0000	0.0000
2017-06-13 13:45:00	0.1338	6.6717	0.0009	0.0000	0.0000	0.0000	0.0000
2017-06-13 14:00:00	0.1155	6.5782	0.0008	0.0000	0.0000	0.0000	0.0000
2017-06-13 14:15:00	0.0918	7.2141	0.0007	0.0000	0.0000	0.0000	0.0000
2017-06-13 14:30:00	0.4175	7.2141	0.0030	0.0000	0.0000	0.0000	0.0000
2017-06-13 14:45:00	1.4105	7.2141	0.0102	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-13 15:00:00	0.3311	6.9469	0.0023	0.0000	0.0000	0.0000	0.0000
2017-06-13 15:15:00	0.6134	7.1793	0.0044	0.0000	0.0000	0.0000	0.0000
2017-06-13 15:30:00	1.0242	7.2141	0.0074	0.0000	0.0000	0.0000	0.0000
2017-06-13 15:45:00	0.3864	7.2141	0.0028	0.0000	0.0000	0.0000	0.0000
2017-06-13 16:00:00	0.3906	7.2141	0.0028	0.0000	0.0000	0.0000	0.0000
2017-06-13 16:15:00	0.2910	7.2141	0.0021	0.0000	0.0000	0.0000	0.0000
2017-06-13 16:30:00	0.2738	7.0511	0.0019	0.0000 0.0000	0.0000	0.0000	0.0000
2017-06-13 16:45:00 2017-06-13 17:00:00	0.1543 0.2123	6.6904 6.0117	0.0010 0.0013	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
			0.0013	0.0000	0.0000	0.0000	0.0000
2017-06-13 17:15:00	0.0381 0.0706	6.0117	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-13 17:30:00 2017-06-13 17:45:00	0.0706	6.0117 6.0117	0.0004	0.0000	0.0000	0.0000	0.0000
2017-06-13 17:45:00	0.0183	6.0117	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-13 18:05:00	0.0484	5.1935	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-13 18:30:00	0.1367	5.0098	0.0003	0.0000	0.0000	0.0000	0.0000
2017-06-13 18:45:00	0.0196	5.0098	0.0007	0.0000	0.0000	0.0000	0.0000
2017-06-13 18:45:00	0.0000	5.0098	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-13 19:05:00	0.0000	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-13 19:30:00	0.0000	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-13 19:45:00	0.0000	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-13 19:45:00	0.0470	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-13 20:00:00	0.5181	5.0098	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-13 20:30:00	3.1110	5.0098	0.0156	0.0032	0.0000	0.0000	0.0000
2017-06-13 20:45:00	3.8922	5.0098	0.0195	0.0173	0.0001	0.0000	0.0000
2017-06-13 21:00:00	3.6345	5.0098	0.0193	0.0049	0.0000	0.0000	0.0000
2017-06-13 21:15:00	0.7802	5.0098	0.0039	0.0016	0.0000	0.0000	0.0000
2017-06-13 21:30:00	0.6033	5.0098	0.0030	0.0000	0.0000	0.0000	0.0000
2017-06-13 21:45:00	0.4026	5.0098	0.0020	0.0007	0.0000	0.0000	0.0000
2017-06-13 22:00:00	0.1047	5.0098	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-13 22:15:00	0.0787	5.0098	0.0004	0.0000	0.0000	0.0000	0.0000
2017-06-13 22:30:00	0.5381	5.0098	0.0027	0.0000	0.0000	0.0000	0.0000
2017-06-13 22:45:00	0.4659	5.0098	0.0023	0.0000	0.0000	0.0000	0.0000
2017-06-13 23:00:00	2.9669	5.0098	0.0149	0.0000	0.0000	0.0000	0.0000
2017-06-13 23:15:00	3.2426	5.0098	0.0162	0.0000	0.0000	0.0000	0.0000
2017-06-13 23:30:00	3.7798	5.0098	0.0189	0.0094	0.0000	0.0000	0.0000
2017-06-13 23:45:00	4.0916	5.0098	0.0205	0.0098	0.0000	0.0000	0.0000
2017-06-14 00:00:00	4.4309	5.0098	0.0222	0.0000	0.0000	0.0000	0.0000
2017-06-14 00:15:00	4.2104	5.0098	0.0211	0.0000	0.0000	0.0000	0.0000
2017-06-14 00:30:00	3.1391	5.0098	0.0157	0.0000	0.0000	0.0000	0.0000
2017-06-14 00:45:00	4.3161	5.0098	0.0216	0.0000	0.0000	0.0000	0.0000
2017-06-14 01:00:00	4.3388	5.0098	0.0217	0.0000	0.0000	0.0000	0.0000
2017-06-14 01:15:00	4.4340	5.0098	0.0222	0.0000	0.0000	0.0000	0.0000
2017-06-14 01:30:00	4.4658	5.0098	0.0224	0.0000	0.0000	0.0000	0.0000
2017-06-14 01:45:00	4.4629	5.0098	0.0224	0.0000	0.0000	0.0000	0.0000
2017-06-14 02:00:00	4.4420	5.0098	0.0223	0.0000	0.0000	0.0000	0.0000
2017-06-14 02:15:00	4.5585	5.0098	0.0228	0.0000	0.0000	0.0000	0.0000
2017-06-14 02:30:00	4.4353	5.0098	0.0222	0.0000	0.0000	0.0000	0.0000
2017-06-14 02:45:00	4.5565	5.0098	0.0228	0.0000	0.0000	0.0000	0.0000
2017-06-14 03:00:00	4.4726	5.0098	0.0224	0.0000	0.0000	0.0000	0.0000
2017-06-14 03:15:00	4.3333	5.0098	0.0217	0.0000	0.0000	0.0000	0.0000
2017-06-14 03:30:00	4.4219	4.7466	0.0210	0.0001	0.0000	0.0000	0.0000
2017-06-14 03:45:00	4.4745	4.1735	0.0187	0.0000	0.0000	0.0000	0.0000
2017-06-14 04:00:00	4.3078	3.8395	0.0165	0.0149	0.0001	0.0000	0.0000
2017-06-14 04:15:00	4.4642	3.8074	0.0170	0.0018	0.0000	0.0000	0.0000
2017-06-14 04:30:00	4.3378	3.8074	0.0165	0.0000	0.0000	0.0000	0.0000
2017-06-14 04:45:00	4.4034	3.8074	0.0168	0.0012	0.0000	0.0000	0.0000
2017-06-14 05:00:00	4.2618	3.8074	0.0162	0.0037	0.0000	0.0000	0.0000
2017-06-14 05:15:00	4.3597	3.8074	0.0166	0.0007	0.0000	0.0000	0.0000
2017-06-14 05:30:00	4.3253	3.8074	0.0165	0.0007	0.0000	0.0000	0.0000
2017-06-14 05:45:00	4.2560	3.8074	0.0162	0.0007	0.0000	0.0000	0.0000
2017-06-14 06:00:00	4.4081	3.8074	0.0168	0.0007	0.0000	0.0000	0.0000
2017-06-14 06:15:00	3.8876	3.8074	0.0148	0.0007	0.0000	0.0000	0.0000
2017-06-14 06:30:00	3.9497	3.8074	0.0150	0.0007	0.0000	0.0000	0.0000
2017-06-14 06:45:00	3.8394	3.8074	0.0146	0.0007	0.0000	0.0000	0.0000
2017-06-14 07:00:00	4.0212	3.8074	0.0153	0.0007	0.0000	0.0000	0.0000
2017-06-14 07:15:00	3.8320	3.8074	0.0146	0.0007	0.0000	0.0000	0.0000
2017-06-14 07:30:00	1.3499	3.8074	0.0051	0.0007	0.0000	0.0000	0.0000
2017-06-14 07:45:00	3.7221	3.8074	0.0142	0.0007	0.0000	0.0000	0.0000
	4.0335	3.8074	0.0154	0.0007	0.0000	0.0000	0.0000
2017-06-14 08:00:00	4.0333		0.0004	0.0007	0.0000	0.0000	0.0000
2017-06-14 08:00:00 2017-06-14 08:15:00	2.4696	3.8074	0.0094	0.0007			
		3.8074 4.9684	0.0032	0.0007	0.0000	0.0000	0.0000
2017-06-14 08:15:00	2.4696	4.9684 5.0098	0.0032 0.0095	0.0007 0.0007	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-14 08:15:00 2017-06-14 08:30:00 2017-06-14 08:45:00 2017-06-14 09:00:00	2.4696 0.6349 1.8967 1.8555	4.9684 5.0098 5.0098	0.0032 0.0095 0.0093	0.0007 0.0007 0.0007	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000
2017-06-14 08:15:00 2017-06-14 08:30:00 2017-06-14 08:45:00	2.4696 0.6349 1.8967	4.9684 5.0098	0.0032 0.0095	0.0007 0.0007	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-14 09:45:00	0.0790	6.1106	0.0005	0.0007	0.0000	0.0000	0.0000
2017-06-14 10:00:00	0.0000 0.0154	7.0978	0.0000	0.0007 0.7895	0.0000 0.0000	0.0000 0.0000	0.0000
2017-06-14 10:15:00 2017-06-14 10:30:00	0.0154	7.2141 7.1553	0.0001 0.0000	0.7895	0.0000	0.0000	0.0000
2017-06-14 10:30:00	0.1879	7.1553	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-14 11:00:00	0.1884	8.1572	0.0015	0.0000	0.0000	0.0000	0.0000
2017-06-14 11:15:00	0.6922	8.2160	0.0013	0.0000	0.0000	0.0000	0.0000
2017-06-14 11:30:00	0.5627	8.0036	0.0045	0.0000	0.0000	0.0000	0.0000
2017-06-14 11:45:00	1.0705	8.2160	0.0088	0.0000	0.0000	0.0000	0.0000
2017-06-14 12:00:00	0.6831	8.2761	0.0057	0.0000	0.0000	0.0000	0.0000
2017-06-14 12:15:00	0.3605	8.4743	0.0031	0.0000	0.0000	0.0000	0.0000
2017-06-14 12:30:00	0.0126	8.3696	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-14 12:45:00	0.1052	8.2906	0.0009	0.0000	0.0000	0.0000	0.0000
2017-06-14 13:00:00	0.2771	8.2973	0.0023	0.0000	0.0000	0.0000	0.0000
2017-06-14 13:15:00	0.6792	8.2160	0.0056	0.0000	0.0000	0.0000	0.0000
2017-06-14 13:30:00	0.3697	8.2850	0.0031	0.0000	0.0000	0.0000	0.0000
2017-06-14 13:45:00	0.0162	8.2160	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-14 14:00:00	0.0042	8.1443	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-14 14:15:00	0.0000	8.2160	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-14 14:30:00	0.1095	7.7378	0.0008	0.0000	0.0000	0.0000	0.0000
2017-06-14 14:45:00	0.3218	7.0137	0.0023	0.0000	0.0000	0.0000	0.0000
2017-06-14 15:00:00	0.1576	7.0137	0.0011	0.0000	0.0000	0.0000	0.0000
2017-06-14 15:15:00	0.3195	6.9992	0.0022	0.0000	0.0000	0.0000	0.0000
2017-06-14 15:30:00	0.2651	6.1974	0.0016	0.0000	0.0000	0.0000	0.0000
2017-06-14 15:45:00	0.1967	6.0117	0.0012	0.0000	0.0000	0.0000	0.0000
2017-06-14 16:00:00	0.2311	6.0117	0.0014	0.0000	0.0000	0.0000	0.0000
2017-06-14 16:15:00	0.5778	6.0117	0.0035	0.0000	0.0000	0.0000	0.0000
2017-06-14 16:30:00	0.6899	6.0117	0.0041 0.0015	0.0000 0.0003	0.0000 0.0000	0.0000 0.0000	0.0000
2017-06-14 16:45:00 2017-06-14 17:00:00	0.2654 0.2499	5.6699 5.0098	0.0013	0.0003	0.0000	0.0000	0.0000
2017-06-14 17:00:00	0.5531	5.0098	0.0013	0.0007	0.0000	0.0000	0.0000
2017-06-14 17:13:00	0.1610	5.0098	0.0028	0.0007	0.0000	0.0000	0.0000
2017-06-14 17:45:00	0.0623	5.0098	0.0003	0.0007	0.0000	0.0000	0.0000
2017-06-14 18:00:00	0.0000	5.0098	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-14 18:15:00	0.0000	5.0098	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-14 18:30:00	0.6506	5.0098	0.0033	0.0007	0.0000	0.0000	0.0000
2017-06-14 18:45:00	2.1143	5.0098	0.0106	0.0010	0.0000	0.0000	0.0000
2017-06-14 19:00:00	1.1933	5.0098	0.0060	0.0007	0.0000	0.0000	0.0000
2017-06-14 19:15:00	0.6148	5.0098	0.0031	0.1261	0.0001	0.0000	0.0000
2017-06-14 19:30:00	0.6525	5.0098	0.0033	0.0000	0.0000	0.0000	0.0000
2017-06-14 19:45:00	1.9387	5.0098	0.0097	0.0000	0.0000	0.0000	0.0000
2017-06-14 20:00:00	0.9566	5.0098	0.0048	0.0000	0.0000	0.0000	0.0000
2017-06-14 20:15:00	3.7566	5.0098	0.0188	0.0050	0.0000	0.0000	0.0000
2017-06-14 20:30:00	3.8704	5.0098	0.0194	0.0129	0.0000	0.0000	0.0000
2017-06-14 20:45:00	3.9944	5.0098	0.0200	0.0111	0.0000	0.0000	0.0000
2017-06-14 21:00:00	4.3086	5.0098	0.0216	0.0000	0.0000	0.0000	0.0000
2017-06-14 21:15:00	4.0239	5.0098	0.0202	0.0052	0.0000	0.0000	0.0000
2017-06-14 21:30:00	4.0313	5.0098	0.0202	0.0001	0.0000	0.0000	0.0000
2017-06-14 21:45:00	3.7714	5.0098	0.0189	0.0001	0.0000	0.0000	0.0000
2017-06-14 22:00:00	4.0435	5.0098	0.0203	0.0001	0.0000	0.0000	0.0000
2017-06-14 22:15:00	4.0729	5.0098	0.0204	0.0000	0.0000	0.0000	0.0000
2017-06-14 22:30:00	4.0968	5.0098	0.0205	0.0000	0.0000	0.0000	0.0000
2017-06-14 22:45:00	4.3805	5.0098	0.0219	0.0000	0.0000	0.0000	0.0000
2017-06-14 23:00:00	4.5431	5.0098	0.0228	0.0000	0.0000	0.0000	0.0000
2017-06-14 23:15:00	4.6137 4.4838	5.0098	0.0231 0.0225	0.0000	0.0000	0.0000	0.0000
2017-06-14 23:30:00 2017-06-14 23:45:00	4.4838 3.9885	5.0098 5.0098	0.0225	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2017-06-14 23:45:00 2017-06-15 00:00:00	3.9885 4.4653	5.0098	0.0200	0.0000	0.0000	0.0000	0.0000
2017-06-15 00:00:00	4.4653 4.5782	5.0098	0.0224	0.0000	0.0000	0.0000	0.0000
2017-06-15 00:15:00	4.6385	5.0098	0.0229	0.0000	0.0000	0.0000	0.0000
2017-06-15 00:35:00	4.5397	5.0098	0.0232	0.0000	0.0000	0.0000	0.0000
2017-06-15 01:00:00	4.2517	5.0098	0.0227	0.0000	0.0000	0.0000	0.0000
2017-06-15 01:00:00	4.0053	5.0098	0.0213	0.0000	0.0000	0.0000	0.0000
2017-06-15 01:30:00	3.9846	5.0098	0.0201	0.0000	0.0000	0.0000	0.0000
2017-06-15 01:45:00	4.2626	5.0098	0.0214	0.0000	0.0000	0.0000	0.0000
2017-06-15 02:00:00	4.0280	5.0098	0.0202	0.0000	0.0000	0.0000	0.0000
2017-06-15 02:15:00	3.5913	5.0098	0.0180	0.0000	0.0000	0.0000	0.0000
2017-06-15 02:30:00	4.1094	4.8241	0.0198	0.0000	0.0000	0.0000	0.0000
2017-06-15 02:45:00	4.2297	5.0098	0.0212	0.0000	0.0000	0.0000	0.0000
2017-06-15 03:00:00	4.3285	4.6744	0.0202	0.0000	0.0000	0.0000	0.0000
2017-06-15 03:15:00	4.0309	4.0599	0.0164	0.0000	0.0000	0.0000	0.0000
2017-06-15 03:30:00	4.1147	3.8074	0.0157	0.0000	0.0000	0.0000	0.0000
i l		3.8074	0.0149	0.0000	0.0000	0.0000	0.0000
2017-06-15 03:45:00	3.9252	3.6074	0.0143	0.0000		0.0000	0.0000
2017-06-15 03:45:00 2017-06-15 04:00:00	4.3036	3.8074	0.0164	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate	N	Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-06-15 04:30:00	4.4832	3.8074	0.0171	0.0000	0.0000	0.0000	0.0000	
2017-06-15 04:45:00	4.3987	3.8074	0.0167	0.0000	0.0000	0.0000	0.0000	
2017-06-15 05:00:00	4.2095	3.8074	0.0160	0.0000	0.0000	0.0000	0.0000	
2017-06-15 05:15:00	4.4760	3.8074	0.0170	0.0000	0.0000	0.0000	0.0000	
2017-06-15 05:30:00	4.2754	3.8074	0.0163	0.0000	0.0000	0.0000	0.0000	
2017-06-15 05:45:00	4.3462	3.8074	0.0165	0.0000	0.0000	0.0000	0.0000	
2017-06-15 06:00:00	4.5017	3.8074	0.0171	0.0000	0.0000	0.0000	0.0000	
2017-06-15 06:15:00	4.5967	3.8074	0.0175	0.0000	0.0000	0.0000	0.0000	
2017-06-15 06:30:00	3.9792	3.8074	0.0152	0.0000	0.0000	0.0000	0.0000	
2017-06-15 06:45:00	4.0793	3.8074	0.0155	0.0000	0.0000	0.0000	0.0000	
2017-06-15 07:00:00	3.9098	3.8074	0.0149	0.0000	0.0000	0.0000	0.0000	
2017-06-15 07:15:00	4.2607	3.8074	0.0162	0.0000	0.0000	0.0000	0.0000	
2017-06-15 07:30:00	4.2524	3.8074	0.0162	0.0000	0.0000	0.0000	0.0000	
2017-06-15 07:45:00	4.3557	3.8074	0.0166	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	
2017-06-15 08:00:00	4.1639	3.8074	0.0159 0.0593				0.0000	
2017-06-15 08:15:00	3.9284	15.1077		0.1258	0.0005	0.0000	0.0000	
2017-06-15 08:30:00	3.8656	18.7586 10.1950	0.0725 0.0493	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	
2017-06-15 08:45:00 2017-06-15 09:00:00	4.8323 4.7589	9.8134	0.0493	0.0000	0.0000	0.0000	0.0000	
				0.0000				
2017-06-15 09:15:00 2017-06-15 09:30:00	4.7297 4.4134	12.4785 9.1685	0.0590 0.0405	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	
2017-06-15 09:30:00 2017-06-15 09:45:00	4.4134 3.0655	9.1685 8.6074	0.0405	0.0000	0.0000	0.0000	0.0000	
2017-06-15 09:45:00	3.1455	8.6074	0.0264	0.0000	0.0000	0.0000	0.0000	
2017-06-15 10:00:00	3.1455	8.2160 8.8982	0.0258	0.0000	0.0000	0.0000	0.0000	
2017-06-15 10:15:00	3.0455	8.8982 8.0448	0.0271	0.7898	0.0024	0.0000	0.0000	
2017-06-15 10:30:00	3.3688	8.0448	0.0283	0.0000	0.0000	0.0000	0.0000	
2017-06-15 10:45:00	3.5623	10.0596	0.0271	0.0000	0.0000	0.0000	0.0000	
2017-06-15 11:00:00	4.0479	10.2199	0.0414	0.0000	0.0000	0.0000	0.0000	
2017-06-15 11:30:00	3.8195	9.2503	0.0353	0.0000	0.0000	0.0000	0.0000	
2017-06-15 11:45:00	2.6052	9.2180	0.0240	0.0000	0.0000	0.0000	0.0000	
2017-06-15 12:00:00	0.9317	8.5834	0.0080	0.0000	0.0000	0.0000	0.0000	
2017-06-15 12:15:00	0.1975	7.8139	0.0015	0.0000	0.0000	0.0000	0.0000	
2017-06-15 12:30:00	0.1604	8.3084	0.0013	0.0000	0.0000	0.0000	0.0000	
2017-06-15 12:45:00	0.6737	8.2438	0.0056	0.0000	0.0000	0.0000	0.0000	
2017-06-15 13:00:00	0.9043	7.8406	0.0071	0.0000	0.0000	0.0000	0.0000	
2017-06-15 13:15:00	0.1193	7.0137	0.0008	0.0000	0.0000	0.0000	0.0000	
2017-06-15 13:30:00	0.0790	7.0137	0.0006	0.0000	0.0000	0.0000	0.0000	
2017-06-15 13:45:00	0.0495	6.0507	0.0003	0.0000	0.0000	0.0000	0.0000	
2017-06-15 14:00:00	0.0298	6.0117	0.0002	0.0000	0.0000	0.0000	0.0000	
2017-06-15 14:15:00	0.1697	6.0117	0.0010	0.0000	0.0000	0.0000	0.0000	
2017-06-15 14:30:00	0.6552	4.4260	0.0029	0.0000	0.0000	0.0000	0.0000	
2017-06-15 14:45:00	0.7002	6.0117	0.0042	0.0000	0.0000	0.0000	0.0000	
2017-06-15 15:00:00	0.3580	6.5038	0.0023	0.0000	0.0000	0.0000	0.0000	
2017-06-15 15:15:00	0.3555	8.4364	0.0030	0.0000	0.0000	0.0000	0.0000	
2017-06-15 15:30:00	0.2898	7.0404	0.0020	0.0000	0.0000	0.0000	0.0000	
2017-06-15 15:45:00	0.8534	10.4383	0.0089	0.0000	0.0000	0.0000	0.0000	
2017-06-15 16:00:00	1.1991	10.3528	0.0124	0.0000	0.0000	0.0000	0.0000	
2017-06-15 16:15:00	0.9204	7.6191	0.0070	0.0000	0.0000	0.0000	0.0000	
2017-06-15 16:30:00	0.3231	7.0137	0.0023	0.0000	0.0000	0.0000	0.0000	
2017-06-15 16:45:00	0.5640	60.6596	0.0342	0.0000	0.0000	0.0000	0.0000	
2017-06-15 17:00:00	1.1335	14.9625	0.0170	0.0000	0.0000	0.0000	0.0000	
2017-06-15 17:15:00	1.1234	7.0137	0.0079	0.0000	0.0000	0.0000	0.0000	
2017-06-15 17:30:00	1.4386	7.0591	0.0102	0.0000	0.0000	0.0000	0.0000	
2017-06-15 17:45:00	1.0559	8.2160	0.0087	0.0000	0.0000	0.0000	0.0000	
2017-06-15 18:00:00	3.3120	8.2160	0.0272	0.0000	0.0000	0.0000	0.0000	
2017-06-15 18:15:00	3.8215	8.2160	0.0314	0.0000	0.0000	0.0000	0.0000	
2017-06-15 18:30:00	4.0518	8.2160	0.0333	0.0000	0.0000	0.0000	0.0000	
2017-06-15 18:45:00	4.1489	8.2160	0.0341	0.0000	0.0000	0.0000	0.0000	
2017-06-15 19:00:00	4.2217	8.9160	0.0376	0.0000	0.0000	0.3168	0.0026	
2017-06-15 19:15:00	4.2099	9.4184	0.0397	0.0000	0.0000	1.3888	0.0113	
2017-06-15 19:30:00	4.1795	10.1175	0.0423	0.0000	0.0000	2.6426	0.0214	
2017-06-15 19:45:00	4.1719	10.7249	0.0447	0.0000	0.0000	4.0970	0.0332	
2017-06-15 20:00:00	3.8990	11.6026	0.0452	0.0000	0.0000	5.8199	0.0440	
2017-06-15 20:15:00	4.0757	11.5839	0.0472	0.0000	0.0000	7.6318	0.0603	
2017-06-15 20:30:00	4.0023	10.8425	0.0434	0.0000	0.0000	10.0967	0.0784	
2017-06-15 20:45:00	3.9510	10.1888	0.0403	0.0000	0.0000	12.5801	0.0964	
2017-06-15 21:00:00	3.2338	9.3916	0.0304	0.0000	0.0000	14.7875	0.0928	
2017-06-15 21:15:00	3.7632	8.5099	0.0320	0.0000	0.0000	16.1033	0.1176	
2017-06-15 21:30:00	2.4476	9.4130	0.0230	0.0000	0.0000	19.8921	0.0945	
2017-06-15 21:45:00	0.0973	9.2701	0.0009	0.0000	0.0000	19.9641	0.0038	
2017-06-15 22:00:00	0.0000	9.4010	0.0000	0.0004	0.0000	18.5981	0.0000	
2017-06-15 22:15:00	0.0000	9.0804	0.0000	0.0098	0.0000	16.0585	0.0000	
1	0.0000	9.3556	0.0000	0.0206	0.0000	12.9415	0.0000	
2017-06-15 22:30:00								
2017-06-15 22:30:00 2017-06-15 22:45:00	0.0000 0.0000	9.4184 9.4184	0.0000 0.0000	0.0305 0.0274	0.0000	10.2826	0.0000	

		Point Source Air E	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-15 23:15:00	0.0000	9.4184	0.0000	0.0194	0.0000	5.3321	0.0000
2017-06-15 23:30:00	0.0000	9.4184	0.0000	0.0231	0.0000	3.5991	0.0000
2017-06-15 23:45:00	0.0000	9.4184	0.0000	0.0237	0.0000	2.1070	0.0000
2017-06-16 00:00:00 2017-06-16 00:15:00	0.0000 0.0000	9.3061 8.7010	0.0000 0.0000	0.0279 0.0312	0.0000 0.0000	1.0144 0.1851	0.0000 0.0000
2017-06-16 00:15:00	0.0000	9.0056	0.0000	0.0312	0.0000	0.1851	0.0000
2017-06-16 00:45:00	0.0000	8.3122	0.0000	0.0080	0.0000	0.0000	0.0000
2017-06-16 01:00:00	0.0000	8.6970	0.0000	0.0169	0.0000	0.0000	0.0000
2017-06-16 01:15:00	0.0000	9.1579	0.0000	0.0390	0.0000	0.0000	0.0000
2017-06-16 01:30:00	0.0000	9.6508	0.0000	0.0489	0.0000	0.0000	0.0000
2017-06-16 01:45:00	0.0000	9.8648	0.0000	0.0529	0.0000	0.0000	0.0000
2017-06-16 02:00:00	0.0000	10.9055	0.0000	0.0517	0.0000	0.0000	0.0000
2017-06-16 02:15:00	0.0000	11.9206	0.0000	0.0427	0.0000	0.0000	0.0000
2017-06-16 02:30:00	0.0000	12.5678	0.0000	0.0320	0.0000	0.0000	0.0000
2017-06-16 02:45:00	0.0000	10.1796	0.0000	0.0131	0.0000	0.0000	0.0000
2017-06-16 03:00:00	0.0000	10.8805	0.0000	0.0298	0.0000	0.0000	0.0000
2017-06-16 03:15:00	0.0000	11.9455	0.0000	0.0257	0.0000	0.0000	0.0000
2017-06-16 03:30:00	0.0000	11.6547	0.0000	0.0325	0.0000	0.0000	0.0000
2017-06-16 03:45:00	0.0000	12.9501	0.0000	0.0143	0.0000	0.0000	0.0000
2017-06-16 04:00:00	0.0000	11.6972	0.0000	0.0218	0.0000	0.0000	0.0000
2017-06-16 04:15:00	0.0000	11.0079	0.0000	0.0424	0.0000	0.0000	0.0000
2017-06-16 04:30:00	0.0000	10.0273	0.0000	0.2081	0.0000	0.0000	0.0000
2017-06-16 04:45:00	0.0000	11.4407	0.0000	0.0389	0.0000	0.0000	0.0000
2017-06-16 05:00:00	0.0000	11.4764	0.0000	0.0185	0.0000	0.0000	0.0000
2017-06-16 05:15:00	0.0000	11.1573	0.0000	0.0108	0.0000	0.0000	0.0000
2017-06-16 05:30:00	0.0000	11.1793	0.0000	0.0175	0.0000	0.0000	0.0000
2017-06-16 05:45:00	0.0000	11.7013	0.0000	0.0554	0.0000	0.0000	0.0000
2017-06-16 06:00:00	0.0000	12.6665	0.0000	0.0549	0.0000	0.0000	0.0000
2017-06-16 06:15:00	0.0000	10.0589	0.0000	0.0534	0.0000	0.0000	0.0000
2017-06-16 06:30:00	0.0000	10.0351	0.0000	0.0641	0.0000	0.0000	0.0000
2017-06-16 06:45:00	0.0000	10.8687	0.0000	0.0538	0.0000	0.0000	0.0000
2017-06-16 07:00:00	0.0000	10.8471	0.0000	0.0553	0.0000	0.0000	0.0000
2017-06-16 07:15:00	0.0000	10.3865	0.0000	0.0374	0.0000	0.0000	0.0000
2017-06-16 07:30:00	0.0000	10.9705	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-16 07:45:00	0.0000	9.4184	0.0000	0.0316	0.0000	0.0000	0.0000
2017-06-16 08:00:00	0.0000	10.7734	0.0000	0.0809	0.0000	0.0000	0.0000
2017-06-16 08:15:00	0.0000	12.9773	0.0000	0.0682	0.0000	0.0000	0.0000
2017-06-16 08:30:00	0.0000	10.9658	0.0000	0.0518 0.0495	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-16 08:45:00 2017-06-16 09:00:00	0.0000 0.0000	11.5750 12.6854	0.0000 0.0000	0.0495	0.0000	0.0000	0.0000
2017-06-16 09:00:00	0.0000	11.5652	0.0000	0.0280	0.0000	0.0000	0.0000
2017-06-16 09:30:00	0.0000	12.4287	0.0000	0.0222	0.0000	0.0000	0.0000
2017-06-16 09:45:00	0.0000	14.5446	0.0000	0.0222	0.0000	0.0000	0.0000
2017-06-16 10:00:00	0.0000	12.8818	0.0000	0.0029	0.0000	0.0000	0.0000
2017-06-16 10:05:00	0.0000	15.5109	0.0000	0.8163	0.0000	0.0000	0.0000
2017-06-16 10:30:00	0.0000	13.4239	0.0000	0.0068	0.0000	0.0000	0.0000
2017-06-16 10:45:00	0.0000	12.9330	0.0000	0.0047	0.0000	0.0000	0.0000
2017-06-16 11:00:00	0.0000	11.6160	0.0000	0.0063	0.0000	0.0000	0.0000
2017-06-16 11:15:00	0.0000	13.0334	0.0000	0.0097	0.0000	0.0000	0.0000
2017-06-16 11:30:00	0.0000	14.4493	0.0000	0.0030	0.0000	0.0000	0.0000
2017-06-16 11:45:00	0.0000	12.8702	0.0000	0.0276	0.0000	0.0000	0.0000
2017-06-16 12:00:00	0.0000	13.3928	0.0000	0.0124	0.0000	0.0000	0.0000
2017-06-16 12:15:00	0.0000	15.5372	0.0000	0.0016	0.0000	0.0000	0.0000
2017-06-16 12:30:00	0.0000	16.2535	0.0000	0.0015	0.0000	0.0000	0.0000
2017-06-16 12:45:00	0.0000	14.4388	0.0000	0.0002	0.0000	0.0000	0.0000
2017-06-16 13:00:00	0.0000	17.3195	0.0000	0.0003	0.0000	0.0000	0.0000
2017-06-16 13:15:00	0.0000	13.9004	0.0000	0.0017	0.0000	0.0000	0.0000
2017-06-16 13:30:00	0.0000	13.4193	0.0000	0.0037	0.0000	0.0000	0.0000
2017-06-16 13:45:00	0.0000	13.2460	0.0000	0.0011	0.0000	0.0000	0.0000
2017-06-16 14:00:00	0.0000	13.6905	0.0000	0.0006	0.0000	0.0000	0.0000
2017-06-16 14:15:00	0.0000	14.4234	0.0000	0.0030	0.0000	0.0000	0.0000
2017-06-16 14:30:00	0.0315	15.7908	0.0005	0.0026	0.0000	0.0000	0.0000
2017-06-16 14:45:00	0.0145	16.5173	0.0002	0.0022	0.0000	0.0000	0.0000
2017-06-16 15:00:00	0.0075	14.3384	0.0001	0.0016	0.0000	0.0000	0.0000
2017-06-16 15:15:00	0.0088	14.8367	0.0001	0.0004	0.0000	0.0000	0.0000
2017-06-16 15:30:00	0.0000	14.2317	0.0000	0.0013	0.0000	0.0000	0.0000
2017-06-16 15:45:00	0.0000	15.6420	0.0000	0.0011	0.0000	0.0000	0.0000
2017-06-16 16:00:00	0.0000	19.2520	0.0000	0.0066	0.0000	0.0000	0.0000
2017-06-16 16:15:00	0.0000	14.0550	0.0000	0.0044	0.0000	0.0000	0.0000
2017-06-16 16:30:00	0.0000	12.9642	0.0000	0.0019	0.0000	0.0000	0.0000
2017-06-16 16:45:00	0.0000	12.8453	0.0000	0.0014	0.0000	0.0000	0.0000
2017-06-16 17:00:00	0.0000	11.2172	0.0000	0.0039	0.0000	0.0000	0.0000
2017-06-16 17:15:00	0.0000	11.0299	0.0000	0.0167	0.0000	0.0000	0.0000
2017-06-16 17:30:00	0.0000	44.1966	0.0000	0.0053	0.0000	0.0000	0.0000
2017-06-16 17:45:00	0.0000	103.8685	0.0000	0.0004	0.0000	0.0000	0.0000

Parameter	Volumetric Flow Rate	NO	missions - A2 Nitric Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-16 18:00:00	0.0000	25.4113	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-16 18:15:00	0.0000	15.4031	0.0000	0.0010	0.0000	0.0000	0.0000
2017-06-16 18:30:00	0.0000	14.0202	0.0000	0.0006	0.0000	0.0000	0.0000
2017-06-16 18:45:00	0.0000	13.5286	0.0000	0.0002	0.0000	0.0000	0.0000
2017-06-16 19:00:00	0.0000	14.6394	0.0000	0.0911	0.0000	0.0000	0.0000
2017-06-16 19:15:00	0.0000	14.9133	0.0000	0.0293	0.0000	0.0000	0.0000
2017-06-16 19:30:00	0.0000	13.8345	0.0000	0.0276	0.0000	0.0000	0.0000
2017-06-16 19:45:00	0.0000	13.6564	0.0000	0.0222	0.0000	0.0000	0.0000
2017-06-16 20:00:00	0.0539	225.4041	0.0122	0.0361	0.0000	0.0000	0.0000
2017-06-16 20:15:00	0.0000	413.9941	0.0000	0.0240	0.0000	0.0000	0.0000
2017-06-16 20:30:00	0.0000	123.2531	0.0000	0.0136	0.0000	0.0000	0.0000
2017-06-16 20:45:00	7.4880	53.9690	0.4041	0.0097	0.0001	0.0000	0.0000
2017-06-16 21:00:00	16.9792	97.5744	1.6567	0.0008	0.0000	0.0000	0.0000
2017-06-16 21:15:00	21.2509	148.8023	3.1622	0.0000	0.0000	0.0000 0.0000	0.0000
2017-06-16 21:30:00	22.8742	176.6987	4.0418	0.0000 0.0000	0.0000		0.0000
2017-06-16 21:45:00	26.8742	231.9969	6.2347		0.0000	0.0000	0.0000
2017-06-16 22:00:00	28.3002	225.6178	6.3850 5.2021	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-16 22:15:00	28.4750	182.6883	5.2021 4.1777	0.0000	0.0000	0.0000	0.0000
2017-06-16 22:30:00	29.4944	141.6426					
2017-06-16 22:45:00 2017-06-16 23:00:00	29.5870 29.6410	59.1442 21.8159	1.7499 0.6466	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-16 23:00:00	29.6410 29.6648	21.8159 17.6624	0.5466	0.0000	0.0000	0.0000	0.0000
2017-06-16 23:15:00	29.648	17.6624	0.5240	0.0000	0.0000	0.0000	0.0000
2017-06-16 23:30:00	29.6191 29.5312	14.1950 11.7358	0.4204	0.0000	0.0000	0.0000	0.0000
2017-06-16 23:45:00	29.5312	9.9349	0.3466	0.0000	0.0000	0.0000	0.0000
2017-06-17 00:05:00	29.7466	48.6713	1.4478	0.0000	0.0000	0.0000	0.0000
2017-06-17 00:15:00	29.7349	76.9090	2.2869	0.0000	0.0000	0.0000	0.0000
2017-06-17 00:45:00	29.6359	110.1296	3.2638	0.0000	0.0000	0.0000	0.0000
2017-06-17 01:00:00	29.6445	1049.8607	31.1226	0.0000	0.0000	0.2106	0.0121
2017-06-17 01:15:00	29.5556	264.1079	7.8059	0.0000	0.0000	0.0183	0.0010
2017-06-17 01:30:00	29.5941	78.9746	2.3372	0.0000	0.0000	0.0000	0.0000
2017-06-17 01:45:00	29.6056	66.6145	1.9722	0.0000	0.0000	0.0000	0.0000
2017-06-17 02:00:00	29.1396	76.4359	2.2273	0.0000	0.0000	72.4918	4.0980
2017-06-17 02:15:00	29.0651	283.8048	8.2488	0.0000	0.0000	138.1749	7.7912
2017-06-17 02:30:00	26.9737	299.7211	8.0846	0.0000	0.0000	475.6764	24.8916
2017-06-17 02:45:00	30.3711	665.5151	20.2124	0.0000	0.0000	102.0866	6.0149
2017-06-17 03:00:00	30.2804	516.3421	15.6351	0.0147	0.0004	37.2232	2.1866
2017-06-17 03:15:00	30.1477	74.0027	2.2310	3.1375	0.0946	31.5421	1.8448
2017-06-17 03:30:00	29.9704	73.7368	2.2099	0.8451	0.0253	25.0869	1.4586
2017-06-17 03:45:00	29.7786	67.6136	2.0134	7.0174	0.2090	21.6344	1.2498
2017-06-17 04:00:00	29.8557	70.5954	2.1077	4.5041	0.1345	22.6603	1.3125
2017-06-17 04:15:00	29.8649	75.3264	2.2496	0.9526	0.0285	21.8480	1.2658
2017-06-17 04:30:00	29.5822	106.1825	3.1411	0.1297	0.0038	22.9551	1.3174
2017-06-17 04:45:00	28.9861	116.7066	3.3829	0.1299	0.0038	23.3528	1.3132
2017-06-17 05:00:00	28.8885	96.2663	2.7810	0.0453	0.0013	21.6869	1.2154
2017-06-17 05:15:00	28.9157	79.5932	2.3015	0.1558	0.0045	21.1530	1.1866
2017-06-17 05:30:00	28.9757	76.9536	2.2298	1.2258	0.0355	21.2115	1.1924
2017-06-17 05:45:00	29.1325	87.2191	2.5409	4.1524	0.1210	20.5994	1.1642
2017-06-17 06:00:00	29.4438	77.7188	2.2883	5.6301	0.1658	20.1431	1.1506
2017-06-17 06:15:00	29.8835	76.5194	2.2867	2.7661	0.0827	21.0040	1.2177
2017-06-17 06:30:00	30.0204	76.6884	2.3022	1.5595	0.0468	20.4880	1.1932
2017-06-17 06:45:00	29.7182	76.4076	2.2707	0.9913	0.0295	20.5994	1.1876
2017-06-17 07:00:00	29.5781	75.0193	2.2189	0.7602	0.0225	20.1920	1.1586
2017-06-17 07:15:00	29.6025	74.7283	2.2121	0.3959	0.0117	20.1416	1.1567
2017-06-17 07:30:00	29.9082	75.1278	2.2469	0.2788	0.0083	20.5426	1.1919
2017-06-17 07:45:00	29.9885	76.1885	2.2848	0.2148	0.0064	20.2181	1.1762
2017-06-17 08:00:00	30.0206	77.7090	2.3329	0.0207	0.0006	19.6039	1.1417
2017-06-17 08:15:00	29.9667	78.7689	2.3604	0.0000	0.0000	19.6838	1.1443
2017-06-17 08:30:00	29.8268	80.7389	2.4082	0.0000	0.0000	19.6838	1.1390
2017-06-17 08:45:00	29.9800	80.8886	2.4250	0.0009	0.0000	19.4818	1.1331
2017-06-17 09:00:00	29.8579	85.9834	2.5673	0.1878	0.0056	19.8257	1.1484
2017-06-17 09:15:00	29.8305	86.6676	2.5853	0.0557	0.0017	20.1640	1.1669
2017-06-17 09:30:00	29.5456	84.2856	2.4903	0.4282	0.0127	20.3041	1.1638
2017-06-17 09:45:00	29.7289	76.7080	2.2804	1.2391	0.0368	19.3303	1.1149
2017-06-17 10:00:00	29.5509	76.3662	2.2567	0.3835	0.0113	18.5747	1.0649
2017-06-17 10:15:00	29.4580	75.4048	2.2213	0.8029	0.0237	18.4022	1.0517
2017-06-17 10:30:00	29.4691	74.4186	2.1930	0.5047	0.0149	18.9752	1.0848
2017-06-17 10:45:00	29.4157	74.3062	2.1858	1.1759	0.0346	18.3306	1.0461
2017-06-17 11:00:00	29.2396	73.2390	2.1415	0.7097	0.0208	17.5781	0.9971
2017-06-17 11:15:00	29.0987	73.0330	2.1252	0.5810	0.0169	17.1080	0.9658
2017-06-17 11:30:00	29.0753	73.1453	2.1267	0.0726	0.0021	16.3055	0.9197
2017-06-17 11:45:00	29.1405	74.5493	2.1724	0.0000	0.0000	16.1133	0.9109
2017 06 17 12 00 00	29.0332	77.4283	2.2480	0.0000	0.0000	15.8997	0.8955
2017-06-17 12:00:00							
2017-06-17 12:00:00 2017-06-17 12:15:00 2017-06-17 12:30:00	29.0656 28.9928	83.0884 87.6747	2.4150 2.5419	0.0000 0.0000	0.0000 0.0000	15.5640 15.8447	0.8776 0.8912

Parameter	Volumetric Flow Rate		missions - A2 Nitric Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-17 12:45:00	29.1638	95.9557	2.7984	0.0000	0.0000	15.4190	0.8724
2017-06-17 13:00:00	29.1918	108.0767	3.1550	0.0000	0.0000	14.6411	0.8292
2017-06-17 13:15:00	29.0680	104.5685	3.0396	0.0000	0.0000	14.8773	0.8390
2017-06-17 13:30:00	29.2068	99.8366	2.9159	0.0000	0.0000	15.2395	0.8635
2017-06-17 13:45:00	29.0738	113.7353	3.3067	0.0000	0.0000	15.3631	0.8665
2017-06-17 14:00:00	28.9621	102.2266	2.9607	0.0000	0.0000	14.9463	0.8398
2017-06-17 14:15:00	29.0649	78.4567	2.2803	0.0000	0.0000	14.8907	0.8396
2017-06-17 14:30:00	29.1356	75.7942	2.2083	0.0000	0.0000	15.1062	0.8538
2017-06-17 14:45:00	29.2330	89.4896	2.6161	0.0000	0.0000	14.5836	0.8271
2017-06-17 15:00:00	29.2272	88.4277	2.5845	0.0000	0.0000	14.0991	0.7994
2017-06-17 15:15:00	28.9864	76.5020	2.2175	1.1258	0.0326	14.3127	0.8049
2017-06-17 15:30:00	29.0312	69.5062	2.0179	3.4750	0.1009	14.4475	0.8137
2017-06-17 15:45:00	29.1447	73.4363	2.1403	0.8406	0.0245	14.0991	0.7972
2017-06-17 16:00:00	28.9584	81.0785	2.3479	0.0083	0.0002	13.8434	0.7777
2017-06-17 16:15:00	28.8118	86.9983	2.5066	0.0000	0.0000	14.0991	0.7881
2017-06-17 16:30:00	28.8076	86.6763	2.4969	0.0000	0.0000	14.4801	0.8092
2017-06-17 16:45:00	28.8584	80.9442	2.3359	0.0000	0.0000	14.5569	0.8150
2017-06-17 17:00:00	29.6693	81.6957	2.4239	0.0000	0.0000	15.2942	0.8803
2017-06-17 17:15:00	30.1839	82.8043	2.4994	0.0000	0.0000	16.2819	0.9534
2017-06-17 17:30:00	30.4216	80.9509	2.4627	0.0000	0.0000	16.4663	0.9718
2017-06-17 17:45:00	30.8103	76.5000	2.3570	0.0000	0.0000	16.7694	1.0023
2017-06-17 18:00:00	31.4534	80.1015	2.5195	0.0000	0.0000	17.1789	1.0482
2017-06-17 18:15:00	31.8168 32.0978	85.5051 80.6296	2.7205 2.5880	0.0000 0.0000	0.0000 0.0000	17.3925 17.5781	1.0735 1.0946
2017-06-17 18:30:00 2017-06-17 18:45:00	32.0978 32.2070	80.6296 77.9479	2.5880 2.5105	0.0000	0.0000	17.5781 18.2747	1.0946 1.1418
2017-06-17 18:45:00		79.0265	2.5105	0.0000	0.0000	18.8700	1.1418
2017-06-17 19:00:00	32.6206 32.7685	79.0265	2.5351	0.0000	0.0000	20.3338	1.1942
2017-06-17 19:15:00	32.9665	85.0318	2.8032	0.0000	0.0000	20.3338	1.3095
2017-06-17 19:30:00	32.9934	81.7044	2.6957	0.0000	0.0000	20.4759	1.3625
2017-06-17 19:43:00	32.8947	84.3006	2.7730	0.0001	0.0000	21.5295	1.3739
2017-06-17 20:00:00	32.8145	87.0706	2.8572	0.0001	0.0000	20.6805	1.3165
2017-06-17 20:30:00	32.6898	87.3209	2.8545	0.0000	0.0000	20.5994	1.3064
2017-06-17 20:45:00	32.7056	79.8459	2.6114	0.0000	0.0000	21.2041	1.3454
2017-06-17 21:00:00	32.7689	84.2783	2.7617	0.0000	0.0000	21.4869	1.3660
2017-06-17 21:15:00	32.8215	94.1762	3.0910	0.0000	0.0000	21.1121	1.3443
2017-06-17 21:30:00	32.9529	92.8247	3.0588	5.4441	0.1794	20.9968	1.3423
2017-06-17 21:45:00	33.0338	69.0949	2.2825	6.7513	0.2230	21.8237	1.3986
2017-06-17 22:00:00	32.9596	68.2348	2.2490	1.4456	0.0476	21.4316	1.3704
2017-06-17 22:15:00	32.8895	76.5270	2.5169	0.2203	0.0072	20.1752	1.2873
2017-06-17 22:30:00	32.8269	89.6325	2.9424	0.0011	0.0000	19.4220	1.2369
2017-06-17 22:45:00	32.8482	92.5838	3.0412	0.0001	0.0000	18.3202	1.1675
2017-06-17 23:00:00	32.8284	86.2633	2.8319	0.0002	0.0000	18.1274	1.1545
2017-06-17 23:15:00	32.8665	83.1251	2.7320	0.0004	0.0000	18.0463	1.1506
2017-06-17 23:30:00	32.9428	74.1252	2.4419	0.0347	0.0011	17.8674	1.1419
2017-06-17 23:45:00	32.8398	66.4397	2.1819	2.7338	0.0898	17.8278	1.1358
2017-06-18 00:00:00	32.7566	81.1384	2.6578	0.1142	0.0037	17.5781	1.1170
2017-06-18 00:15:00	32.6855	96.2706	3.1467	0.0857	0.0028	17.5781	1.1146
2017-06-18 00:30:00	32.7796	85.0373	2.7875	0.1055	0.0035	17.5781	1.1178
2017-06-18 00:45:00	32.8470	75.3669	2.4756	1.0627	0.0349	17.5781	1.1201
2017-06-18 01:00:00	32.8091	74.7657	2.4530	2.4215	0.0794	17.9968	1.1455
2017-06-18 01:15:00	32.7969	76.3393	2.5037	3.2529	0.1067	17.9876	1.1445
2017-06-18 01:30:00	32.7180	75.2796	2.4630	2.4091	0.0788	17.4939	1.1104
2017-06-18 01:45:00	32.7488	75.1828	2.4621	7.4189	0.2430	17.1204	1.0877
2017-06-18 02:00:00	32.7122	75.0298	2.4544	1.0150	0.0332	17.1204	1.0865
2017-06-18 02:15:00	32.7098	77.6707	2.5406	0.0840	0.0027	17.1204	1.0864
2017-06-18 02:30:00	32.6528	79.1790	2.5854	0.0158	0.0005	17.1484	1.0863
2017-06-18 02:45:00	32.6553	89.2838	2.9156	0.0082	0.0003	17.9952	1.1400
2017-06-18 03:00:00	32.6907	80.9830	2.6474	0.0086	0.0003	18.9758	1.2034
2017-06-18 03:15:00	32.8799	76.4250	2.5128	0.0598	0.0020	19.2517	1.2280
2017-06-18 03:30:00	33.1165	74.9826	2.4832	0.0728	0.0024	19.6864	1.2648
2017-06-18 03:45:00	33.4996	75.6504	2.5343	0.0108	0.0004	20.0450	1.3027
2017-06-18 04:00:00	33.6352	72.6984	2.4452	0.0432	0.0015	19.5339	1.2746
2017-06-18 04:15:00	33.4885	75.4368	2.5263	0.0221	0.0007	18.5223	1.2034
2017-06-18 04:30:00	33.5883	84.4729	2.8373	0.0078	0.0003	18.7154	1.2195
2017-06-18 04:45:00	33.7547	81.0763	2.7367	0.0068	0.0002	18.6914	1.2240
2017-06-18 05:00:00	34.0642	76.0567	2.5908	0.0085	0.0003	19.3218	1.2769
2017-06-18 05:15:00	34.1176	77.0852	2.6300	0.0001	0.0000	19.6039	1.2975
2017-06-18 05:30:00	34.4008	73.7881	2.5384	0.0020	0.0001	20.3140	1.3557
2017-06-18 05:45:00	34.3321	83.6190	2.8708	0.0017	0.0001	20.2754	1.3504
2017-06-18 06:00:00	34.2612	82.6037	2.8301	0.0006	0.0000	19.9300	1.3247
2017-06-18 06:15:00	33.9993	75.0102	2.5503	0.0001	0.0000	20.5908	1.3581
2017-06-18 06:30:00	33.6719	82.9435	2.7929	0.0094	0.0003	20.4108	1.3333
2017-06-18 06:45:00	33.6961	74.7266	2.5180	0.0306	0.0010	20.2258	1.3222
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2017-06-18 07:00:00	33.8461	77.0157	2.6067	0.0215	0.0007	20.1819	1.3252

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-06-18 07:30:00	33.6863	78.8283	2.6554	0.0000	0.0000	19.7454	1.2904	
2017-06-18 07:45:00	33.6373	78.3058	2.6340	0.0000	0.0000	19.7909	1.2915	
2017-06-18 08:00:00	33.2655	73.2109	2.4354	0.0000	0.0000	18.9957	1.2259	
2017-06-18 08:15:00	33.2839	96.0568	3.1971	0.0000	0.0000	18.6768	1.2060	
2017-06-18 08:30:00	33.2543	92.6323	3.0804	0.0000	0.0000	18.1335	1.1699	
2017-06-18 08:45:00	33.3004	80.3359	2.6752	0.0000	0.0000	18.4747	1.1935	
2017-06-18 09:00:00	33.1352	69.6640	2.3083	0.0000	0.0000	18.1274	1.1653	
2017-06-18 09:15:00	33.1820	70.3928	2.3358	0.0000	0.0000	18.1274	1.1669	
2017-06-18 09:30:00	33.2148	79.1501	2.6290	0.0000	0.0000	18.3441	1.1820	
2017-06-18 09:45:00	33.0729	77.5514	2.5648	0.0000	0.0000	18.3716	1.1787	
2017-06-18 10:00:00	33.0149	73.8851	2.4393	0.0000	0.0000	18.3640	1.1762	
2017-06-18 10:15:00	32.9973	80.0790	2.6424	0.7821	0.0258	17.9004	1.1459	
2017-06-18 10:30:00	32.9791	79.5266	2.6227	0.0000	0.0000	17.6520	1.1294	
2017-06-18 10:45:00	33.0502 33.2186	74.8468 70.7061	2.4737 2.3488	0.0000	0.0000	17.8370 18.5878	1.1437 1.1979	
2017-06-18 11:00:00 2017-06-18 11:15:00	33.2455	74.4344	2.3488	0.0000	0.0000	17.6120	1.1359	
2017-06-18 11:13:00	33.2255	92.0352	3.0579	0.0000	0.0000	17.8120	1.1196	
2017-06-18 11:30:00	33.0550	72.6443	2.4013	0.0000	0.0000	18.1274	1.1190	
2017-06-18 11:43:00	33.0351	64.8811	2.1434	0.0000	0.0000	17.4719	1.1123	
2017-06-18 12:00:00	32.5524	92.1899	3.0010	0.0000	0.0000	17.2311	1.0882	
2017-06-18 12:15:00	30.7963	73.3559	2.2591	0.0000	0.0000	16.2920	0.9734	
2017-06-18 12:30:00	30.7903	76.3464	2.2966	0.0000	0.0000	15.0643	0.8791	
2017-06-18 12:43:00	30.0092	97.8240	2.9356	0.0000	0.0000	15.1436	0.8816	
2017-06-18 13:00:00	30.0213	76.3417	2.2919	0.0000	0.0000	14.5569	0.8478	
2017-06-18 13:15:00	30.0764	81.0377	2.4373	0.0000	0.0000	14.0154	0.8178	
2017-06-18 13:45:00	29.9731	90.7095	2.7188	0.0000	0.0000	13.7769	0.8011	
2017-06-18 14:00:00	29.6601	69.9154	2.0737	0.0000	0.0000	13.5122	0.7775	
2017-06-18 14:15:00	29.8257	75.4468	2.2503	0.0000	0.0000	13.0328	0.7541	
2017-06-18 14:30:00	29.9083	84.1984	2.5182	0.0000	0.0000	12.5427	0.7278	
2017-06-18 14:45:00	30.0529	70.4353	2.1168	0.0000	0.0000	12.5427	0.7313	
2017-06-18 15:00:00	30.0108	80.8808	2.4273	0.0000	0.0000	12.9626	0.7547	
2017-06-18 15:15:00	29.8290	82.0709	2.4481	0.0000	0.0000	12.7570	0.7382	
2017-06-18 15:30:00	29.8056	67.5328	2.0129	0.0000	0.0000	13.1470	0.7602	
2017-06-18 15:45:00	29.7499	73.7520	2.1941	0.0000	0.0000	13.0920	0.7556	
2017-06-18 16:00:00	29.7686	79.8750	2.3778	0.0000	0.0000	13.0780	0.7553	
2017-06-18 16:15:00	29.6000	94.2016	2.7884	0.0000	0.0000	12.8467	0.7377	
2017-06-18 16:30:00	29.5438	78.9975	2.3339	0.0000	0.0000	12.9718	0.7435	
2017-06-18 16:45:00	29.5807	67.5755	1.9989	0.0060	0.0002	13.3621	0.7668	
2017-06-18 17:00:00	29.5899	69.9555	2.0700	0.0015	0.0000	13.8867	0.7972	
2017-06-18 17:15:00	29.5536	81.7289	2.4154	0.0000	0.0000	14.0991	0.8084	
2017-06-18 17:30:00	29.4760	79.9723	2.3573	0.0000	0.0000	14.5274	0.8307	
2017-06-18 17:45:00	29.5851	66.1262	1.9563	0.0000	0.0000	14.5569	0.8355	
2017-06-18 18:00:00	29.6142	87.7528	2.5987	0.0000	0.0000	14.5569	0.8363	
2017-06-18 18:15:00	29.5732	72.5381	2.1452	0.0000	0.0000	14.5569	0.8352	
2017-06-18 18:30:00	29.6308	68.9092	2.0418	0.0000	0.0000	14.5569	0.8368	
2017-06-18 18:45:00	29.6071	90.0250	2.6654	0.0000	0.0000	14.5569	0.8361	
2017-06-18 19:00:00	29.6696	72.2435	2.1434	0.0000	0.0000	14.5569	0.8379	
2017-06-18 19:15:00	29.8101	77.2737	2.3035	0.0000	0.0000	14.5569	0.8418	
2017-06-18 19:30:00	30.1989	75.1376	2.2691	0.0000	0.0000	15.5065	0.9085	
2017-06-18 19:45:00	30.4824	77.2081	2.3535	0.0000	0.0000	16.1133	0.9529	
2017-06-18 20:00:00	30.6187	87.8118	2.6887	0.0000	0.0000	16.1133	0.9571	
2017-06-18 20:15:00	30.5768	74.3636	2.2738	0.0000	0.0000	16.1133	0.9558	
2017-06-18 20:30:00	30.6097	71.2983	2.1824	0.0000	0.0000	15.7532	0.9355	
2017-06-18 20:45:00	30.5665	109.0813	3.3342	0.0000	0.0000	16.1133	0.9555	
2017-06-18 21:00:00	30.3991	87.5518	2.6615	0.0000	0.0000	16.1133	0.9503	
2017-06-18 21:15:00	30.4925	72.9785	2.2253	0.0000	0.0000	16.1133	0.9532	
2017-06-18 21:30:00	30.5518	151.5200	4.6292	0.0000	0.0000	15.8069	0.9369	
2017-06-18 21:45:00	30.6155	111.4891	3.4133	0.0000	0.0000	15.4582	0.9181	
2017-06-18 22:00:00	30.6423	78.8626	2.4165	0.0000	0.0000	14.8987	0.8857	
2017-06-18 22:15:00	30.6816	74.6326	2.2898	0.0000	0.0000	14.5569	0.8665	
2017-06-18 22:30:00	30.6296	75.9679	2.3269	0.0000	0.0000	14.3606	0.8533	
2017-06-18 22:45:00	30.6143	80.8209	2.4743	0.0000	0.0000	14.2487	0.8463	
2017-06-18 23:00:00	30.6719	68.8934	2.1131	0.0000	0.0000	14.3686	0.8550	
2017-06-18 23:15:00	30.7054	64.2303	1.9722	0.0000	0.0000	14.5569	0.8671	
2017-06-18 23:30:00	30.7093	93.5867	2.8740	0.0000	0.0000	14.5569	0.8672	
2017-06-18 23:45:00	30.6484	71.4370	2.1894	0.0000	0.0000	14.5569	0.8655	
2017-06-19 00:00:00	30.6387	75.7461	2.3208	0.0000	0.0000	14.5569	0.8652	
2017-06-19 00:15:00	30.7074	87.9376	2.7003	0.0000	0.0000	14.5569	0.8672	
2017-06-19 00:30:00	30.7659	69.6288	2.1422	0.0001	0.0000	14.3926	0.8590	
2017-06-19 00:45:00	30.6394	71.3889	2.1873	0.0000	0.0000	14.5569	0.8653	
2017-06-19 01:00:00	30.6841	86.9849	2.6691	0.0000	0.0000	14.5569	0.8665	
2017-06-19 01:15:00	30.6438	82.0938	2.5157	0.0000	0.0000	14.5569	0.8654	
2017-06-19 01:30:00	30.5509	69.2125	2.1145	0.0000	0.0000	14.5569	0.8628	
2017-06-19 01:45:00 2017-06-19 02:00:00	30.5086 30.7238	70.9799 96.2020	2.1655 2.9557	0.0019 0.0000	0.0001 0.0000	14.5569 14.5569	0.8616 0.8677	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-19 02:15:00	30.6816	72.8571	2.2354	0.0000	0.0000	14.5569	0.8665
2017-06-19 02:30:00	30.6623	64.5692	1.9798	0.0000	0.0000	14.7106	0.8751
2017-06-19 02:45:00	30.6587	74.9020	2.2964	0.0000	0.0000	14.7578	0.8778
2017-06-19 03:00:00	30.6409	90.4628	2.7719	0.0000	0.0000	15.1062	0.8980
2017-06-19 03:15:00	30.6676	78.2599	2.4000	0.0000	0.0000	15.5103	0.9228
2017-06-19 03:30:00	30.7824	81.4503	2.5072	0.0000	0.0000	15.8305	0.9454
2017-06-19 03:45:00	30.7826	83.4164	2.5678	0.0000	0.0000	16.1133	0.9623
2017-06-19 04:00:00	30.7027	64.9275	1.9934	0.1139	0.0035	15.8997	0.9470
2017-06-19 04:15:00	30.7394	75.8888	2.3328	0.0000	0.0000	15.6555	0.9336
2017-06-19 04:30:00	30.7536	98.7612	3.0373	0.0000	0.0000	15.7878	0.9419
2017-06-19 04:45:00	30.8125	71.8138	2.2128	0.0000	0.0000	15.7694	0.9426
2017-06-19 05:00:00	30.6971	68.9560	2.1168	0.0000	0.0000	15.6555	0.9323
2017-06-19 05:15:00	30.5464	77.6656	2.3724	0.0000	0.0000	15.6555	0.9277
2017-06-19 05:30:00	30.6854	82.0780	2.5186	0.0000	0.0000	15.4645	0.9206
2017-06-19 05:45:00	30.6730	77.0863	2.3645	0.0000	0.0000	15.6555	0.9316
2017-06-19 06:00:00	30.5596	75.6991	2.3133	0.0000	0.0000	15.6555	0.9281
2017-06-19 06:15:00	30.5779	81.9313	2.5053	0.0000	0.0000	15.4987	0.9194
2017-06-19 06:30:00	30.4703	81.7017	2.4895	0.0000	0.0000	15.6555	0.9254
2017-06-19 06:45:00	30.2605	73.8811	2.2357	0.0000	0.0000	15.4382	0.9063
2017-06-19 07:00:00	30.1769	84.1031	2.5380	0.0000	0.0000	14.9877	0.8774
2017-06-19 07:15:00 2017-06-19 07:30:00	30.1070	82.3494	2.4793	0.0000	0.0000	14.6484 14.6484	0.8556
2017-06-19 07:30:00 2017-06-19 07:45:00	30.2167	67.7661 66.7198	2.0477 2.0246	0.0004 0.0007	0.0000 0.0000	14.6484 14.6484	0.8587 0.8623
2017-06-19 07:45:00 2017-06-19 08:00:00	30.3445 30.0557	84.6739	2.0246 2.5449	0.0007	0.0000	14.6484 14.3158	0.8623
2017-06-19 08:00:00	30.0557	84.6739 83.6486	2.5449 2.5179	0.0000	0.0000	14.3158 14.0991	0.8347
2017-06-19 08:15:00	30.3093	75.7955	2.5179	0.0000	0.0000	14.0991	0.8233
2017-06-19 08:30:00	30.0913	75.7955	2.2973	0.0000	0.0000	14.0991	0.8290
2017-06-19 09:00:00	29.8880	71.4468	2.1354	0.0000	0.0000	13.9392	0.8231
2017-06-19 09:15:00	29.9572	80.2257	2.4033	0.0000	0.0000	14.0991	0.8194
2017-06-19 09:30:00	29.9790	84.6112	2.5366	0.0000	0.0000	14.0991	0.8194
2017-06-19 09:45:00	29.9872	77.2069	2.3152	0.0000	0.0000	13.7378	0.7992
2017-06-19 10:00:00	29.8806	68.0963	2.0348	0.0000	0.0000	13.5498	0.7855
2017-06-19 10:15:00	29.8576	84.3798	2.5194	0.7910	0.0236	13.5498	0.7849
2017-06-19 10:30:00	29.8206	80.4199	2.3982	0.0000	0.0000	13.5498	0.7839
2017-06-19 10:45:00	29.8278	71.1941	2.1236	0.0000	0.0000	13.2594	0.7673
2017-06-19 11:00:00	29.7961	89.8730	2.6779	0.0000	0.0000	12.8912	0.7452
2017-06-19 11:15:00	29.8314	80.2455	2.3938	0.0000	0.0000	12.6289	0.7309
2017-06-19 11:30:00	29.9579	68.7217	2.0588	0.1796	0.0054	13.9691	0.8119
2017-06-19 11:45:00	29.9336	70.8588	2.1211	0.0000	0.0000	14.0991	0.8188
2017-06-19 12:00:00	29.9890	85.5626	2.5659	0.0000	0.0000	13.7921	0.8024
2017-06-19 12:15:00	29.9180	80.6828	2.4139	0.0000	0.0000	13.3682	0.7759
2017-06-19 12:30:00	29.9627	67.1910	2.0132	0.0000	0.0000	13.0920	0.7610
2017-06-19 12:45:00	29.9851	78.3031	2.3479	0.0000	0.0000	13.3174	0.7747
2017-06-19 13:00:00	30.1249	70.7063	2.1300	0.0000	0.0000	13.5498	0.7919
2017-06-19 13:15:00	30.1330	69.1662	2.0842	0.0466	0.0014	13.8287	0.8084
2017-06-19 13:30:00	30.1089	64.9268	1.9549	0.0000	0.0000	13.4633	0.7864
2017-06-19 13:45:00	30.0604	86.5937	2.6030	0.0000	0.0000	13.2304	0.7716
2017-06-19 14:00:00	29.8907	74.2485	2.2193	0.0274	0.0008	13.5498	0.7857
2017-06-19 14:15:00	30.0587	67.8249	2.0387	3.8412	0.1155	13.1460	0.7666
2017-06-19 14:30:00	30.1346	62.8156	1.8929	3.2896	0.0991	13.0920	0.7654
2017-06-19 14:45:00	30.1696	76.8816	2.3195	0.1106	0.0033	12.8424	0.7517
2017-06-19 15:00:00	30.0938	97.0492	2.9206	0.0000	0.0000	12.1994	0.7122
2017-06-19 15:15:00	29.9390	87.8007	2.6287	0.0000	0.0000	11.5991	0.6737
2017-06-19 15:30:00	29.8243	74.5126	2.2223	0.0000	0.0000	11.7830	0.6818
2017-06-19 15:45:00	29.7497	64.9208	1.9314	4.1046	0.1221	12.9419	0.7469
2017-06-19 16:00:00	29.7179	68.7485	2.0431	1.3594	0.0404	13.0920	0.7548
2017-06-19 16:15:00	29.6914	94.3996	2.8029	0.0001	0.0000	13.0920	0.7541
2017-06-19 16:30:00	29.7037	111.4668	3.3110	0.0010	0.0000	13.0920	0.7544
2017-06-19 16:45:00	29.6824	82.5206	2.4494	0.0003	0.0000	13.0920	0.7539
2017-06-19 17:00:00	29.7234	69.8724	2.0768	0.0000	0.0000	13.5401	0.7808
2017-06-19 17:15:00	29.7352	68.7692	2.0449	0.0000	0.0000	13.2426	0.7639
2017-06-19 17:30:00	29.9235	74.9094	2.2416	0.0074	0.0002	14.2407	0.8267
2017-06-19 17:45:00	29.9629	69.1423	2.0717	1.8415	0.0552	15.7484	0.9154
2017-06-19 18:00:00	30.1769	69.9263	2.1102	0.9343	0.0282	14.7369	0.8627
2017-06-19 18:15:00	30.3360	70.8782	2.1502	0.2804	0.0085	15.8504	0.9328
2017-06-19 18:30:00	21.1380	64.2875	1.3589	0.0352	0.0007	16.1133	0.6608
2017-06-19 18:45:00	0.0000	67.4016	0.0000	10.8199	0.0000	9.7981	0.0000
2017-06-19 19:00:00	0.0000	103.1967	0.0000	4.3351	0.0000	18.5477	0.0000
2017-06-19 19:15:00	0.0000	70.8287	0.0000	1.3289	0.0000	40.2798	0.0000
2017-06-19 19:30:00	0.0000	47.5465	0.0000	0.7573	0.0000	57.8328	0.0000
2017-06-19 19:45:00	0.0000	35.2846	0.0000	0.5260	0.0000	58.6832	0.0000
2017-06-19 20:00:00	0.0000	26.8372	0.0000	0.4412	0.0000	51.9937	0.0000
2017-06-19 20:15:00	0.0000	20.7734	0.0000	0.5283	0.0000	45.9872	0.0000
2017-06-19 20:30:00	0.0000	17.4500	0.0000	0.8170	0.0000	42.5780	0.0000
2017-06-19 20:45:00	0.0000	30.7698	0.0000	1.1448	0.0000	40.6193	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Эx	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-19 21:00:00	0.0000	109.6146	0.0000	1.3017	0.0000	41.3182	0.0000
2017-06-19 21:15:00	0.0000	92.3605	0.0000	1.4059	0.0000	46.6638	0.0000
2017-06-19 21:30:00	0.0000	61.0806	0.0000	1.5015	0.0000	54.0944	0.0000
2017-06-19 21:45:00	0.0000	529.6790	0.0000	0.7537	0.0000	50.1760	0.0000
2017-06-19 22:00:00	0.0000	0.0000	0.0000	0.0761	0.0000	19.1483	0.0000
2017-06-19 22:15:00	0.0000	0.0000	0.0000	0.0000	0.0000	22.1727	0.0000
2017-06-19 22:30:00	0.0000	3182.4077	0.0000	0.0000	0.0000	51.2476	0.0000
2017-06-19 22:45:00	0.0000	2546.3523	0.0000	0.0023	0.0000	61.2014	0.0000
2017-06-19 23:00:00	0.0000	2449.8468	0.0000	0.0061	0.0000	38.7115	0.0000
2017-06-19 23:15:00	0.0000	755.6880	0.0000	0.0007	0.0000	26.2799	0.0000
2017-06-19 23:30:00	0.0000	325.4738	0.0000	0.0007	0.0000	25.9055	0.0000
2017-06-19 23:45:00	0.0000	2001.7469	0.0000	0.0007	0.0000	23.7171	0.0000
2017-06-20 00:00:00	0.0000	2309.4524	0.0000	0.0007 0.0007	0.0000	19.6608	0.0000
2017-06-20 00:15:00	0.0000 0.0000	658.4201 457.6508	0.0000 0.0000	0.0007	0.0000 0.0000	14.3931 12.2054	0.0000 0.0000
2017-06-20 00:30:00 2017-06-20 00:45:00	0.0000	416.4286	0.0000	0.0032	0.0000	10.7211	0.0000
2017-06-20 00:45:00	0.0000	384.8422	0.0000	0.0168	0.0000	10.7211	0.0000
2017-06-20 01:00:00	0.0000	451.5524	0.0000	0.0168	0.0000	9.7374	0.0000
2017-06-20 01:13:00	0.0000	352.1645	0.0000	0.0007	0.0000	8.6729	0.0000
2017-06-20 01:35:00	0.0000	211.0603	0.0000	0.0007	0.0000	7.8206	0.0000
2017-06-20 01:45:00	0.0000	147.7429	0.0000	0.0007	0.0000	7.1637	0.0000
2017-06-20 02:00:00	0.0000	93.0623	0.0000	0.0007	0.0000	6.5198	0.0000
2017-06-20 02:13:00	0.0000	59.2804	0.0000	0.0007	0.0000	5.9809	0.0000
2017-06-20 02:45:00	0.0000	41.9756	0.0000	0.0007	0.0000	5.5847	0.0000
2017-06-20 03:00:00	0.0000	33.3031	0.0000	0.0007	0.0000	5.0647	0.0000
2017-06-20 03:15:00	0.0000	28.5822	0.0000	0.0007	0.0000	4.8365	0.0000
2017-06-20 03:30:00	0.0076	24.6269	0.0002	0.0048	0.0000	12.7732	0.0002
2017-06-20 03:45:00	2.2644	41.4599	0.0939	0.1476	0.0003	22.1287	0.0972
2017-06-20 04:00:00	13.9259	9.8254	0.1368	0.0029	0.0000	0.0195	0.0005
2017-06-20 04:15:00	19.2074	7.3833	0.1418	0.0008	0.0000	0.0000	0.0000
2017-06-20 04:30:00	20.4108	5.9338	0.1211	0.0000	0.0000	0.0000	0.0000
2017-06-20 04:45:00	20.4622	8.0590	0.1649	0.0000	0.0000	0.0000	0.0000
2017-06-20 05:00:00	20.3676	5.5729	0.1135	0.0000	0.0000	0.0000	0.0000
2017-06-20 05:15:00	20.5050	3.3432	0.0686	0.0000	0.0000	0.0000	0.0000
2017-06-20 05:30:00	20.5729	2.8055	0.0577	0.0000	0.0000	0.0000	0.0000
2017-06-20 05:45:00	20.2145	2.8055	0.0567	0.0000	0.0000	0.0000	0.0000
2017-06-20 06:00:00	20.1572	2.8055	0.0566	0.0000	0.0000	0.0000	0.0000
2017-06-20 06:15:00	20.1178	2.8055	0.0564	0.0000	0.0000	0.0000	0.0000
2017-06-20 06:30:00	20.3086	2.8055	0.0570	0.0000	0.0000	0.0000	0.0000
2017-06-20 06:45:00	19.8575	2.8055	0.0557	0.0000	0.0000	0.0000	0.0000
2017-06-20 07:00:00	0.5416	20.4908	0.0111	0.0000	0.0000	0.0000	0.0000
2017-06-20 07:15:00	0.0000	74.6025	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 07:30:00	0.0000	146.7454	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 07:45:00	0.0000	134.5770	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 08:00:00	0.0000	132.1345	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 08:15:00	0.0000	118.0753	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 08:30:00	0.0000	94.2956	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 08:45:00	0.0000	79.5956	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 09:00:00	0.0000	83.7938	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 09:15:00	0.0000	145.4486	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 09:30:00	0.0000	72.0407	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 09:45:00	0.0000	61.7869	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 10:00:00	0.0000	57.5843	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 10:15:00	0.0000	55.6910	0.0000	0.7915	0.0000	0.0000	0.0000
2017-06-20 10:30:00	0.0000	54.1985	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 10:45:00	0.0000	53.1719	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 11:00:00	0.0000	52.3672	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 11:15:00	0.0000	52.3852	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 11:30:00	0.0000	51.5618	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 11:45:00	0.0000	51.1711	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 12:00:00	0.0000	51.1608	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 12:15:00	0.0000	51.1141	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 12:30:00	0.0000	51.2207	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 12:45:00	0.0000	50.6423	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 13:00:00	0.0000	49.8385	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 13:15:00	0.0000	49.2959	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 13:30:00	0.0000	48.5513	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 13:45:00	0.0000	48.1708	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 14:00:00	0.0000	47.6462	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000	47.0508	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 14:15:00			0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 14:30:00	0.0000	46.2455					
2017-06-20 14:30:00 2017-06-20 14:45:00	0.0000	47.7070	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-20 14:30:00 2017-06-20 14:45:00 2017-06-20 15:00:00	0.0000 0.0000	47.7070 46.2388	0.0000 0.0000	0.0000 0.0003	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-20 14:30:00 2017-06-20 14:45:00	0.0000	47.7070	0.0000	0.0000	0.0000	0.0000	0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack					
Parameter	Volumetric Flow Rate		Эx	NH3		N	20		
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s		
2017-06-20 15:45:00	0.0000	43.0121	0.0000	0.0012	0.0000	0.0000	0.0000		
2017-06-20 16:00:00	0.0000	41.8770	0.0000	0.0017	0.0000	0.0000	0.0000		
2017-06-20 16:15:00	0.0000	41.5105	0.0000	0.0031	0.0000	0.0000	0.0000		
2017-06-20 16:30:00	0.0000	40.9175	0.0000	0.0007	0.0000	0.0000	0.0000		
2017-06-20 16:45:00	0.0000	40.7468	0.0000	0.0007	0.0000	0.0000	0.0000		
2017-06-20 17:00:00	0.0000	40.2482	0.0000	0.0007	0.0000	0.0000	0.0000		
2017-06-20 17:15:00	0.0000	39.8630	0.0000	0.0007	0.0000	0.0000	0.0000		
2017-06-20 17:30:00	0.0000	34.3490	0.0000	0.0007	0.0000	0.0000	0.0000		
2017-06-20 17:45:00	0.0000	31.3121	0.0000	0.0007	0.0000	0.0000	0.0000		
2017-06-20 18:00:00	0.0000	30.3883	0.0000	0.0007	0.0000	1.6172	0.0000		
2017-06-20 18:15:00	0.0000	29.9381	0.0000	0.0007	0.0000	6.7666	0.0000		
2017-06-20 18:30:00	0.0000	29.9651	0.0000	0.0007	0.0000	13.5197	0.0000		
2017-06-20 18:45:00	0.0000	30.2855	0.0000	0.0007	0.0000	20.0750	0.0000		
2017-06-20 19:00:00	0.0000	29.9945	0.0000	0.0007	0.0000 0.0000	26.9865	0.0000		
2017-06-20 19:15:00	0.0000	30.0279	0.0000	0.0007		32.2243	0.0000		
2017-06-20 19:30:00	0.0000	29.9350	0.0000	0.0007	0.0000	35.5186	0.0000		
2017-06-20 19:45:00	0.0000	29.3359 29.0698	0.0000 0.0000	0.0007 0.0007	0.0000 0.0000	37.5879 37.7723	0.0000		
2017-06-20 20:00:00	0.0000								
2017-06-20 20:15:00	0.0000 0.0000	29.0974 28.8743	0.0000 0.0000	0.0007 0.0007	0.0000 0.0000	36.1530 31.8835	0.0000		
2017-06-20 20:30:00 2017-06-20 20:45:00	0.0000	28.8743	0.0000	0.0007	0.0000	28.0193	0.0000		
2017-06-20 20:45:00	0.0000	29.2858	0.0000	0.0007	0.0000	28.0193	0.0000		
2017-06-20 21:00:00	0.0000	28.5325	0.0000	0.0007	0.0000	19.1054	0.0000		
2017-06-20 21:15:00	0.0000	28.5165	0.0000	0.0007	0.0000	19.1054	0.0000		
2017-06-20 21:30:00	0.0000	28.1144	0.0000	0.0007	0.0000	11.2333	0.0000		
2017-06-20 21:45:00	0.0000	28.1449	0.0000	0.0007	0.0000	8.7392	0.0000		
2017-06-20 22:00:00	0.0000	27.9663	0.0000	0.0007	0.0000	7.3763	0.0000		
2017-06-20 22:30:00	0.0000	27.7178	0.0000	0.0007	0.0000	6.6235	0.0000		
2017-06-20 22:45:00	0.0000	27.3999	0.0000	0.0007	0.0000	6.0425	0.0000		
2017-06-20 23:00:00	0.0000	26.8933	0.0000	0.0007	0.0000	5.6941	0.0000		
2017-06-20 23:15:00	0.0000	27.0113	0.0000	0.0007	0.0000	5.2484	0.0000		
2017-06-20 23:30:00	0.0000	26.8417	0.0000	0.0007	0.0000	5.0354	0.0000		
2017-06-20 23:45:00	0.0000	26.5257	0.0000	0.0007	0.0000	5.0354	0.0000		
2017-06-21 00:00:00	0.0000	26.2634	0.0000	0.0007	0.0000	5.0354	0.0000		
2017-06-21 00:15:00	0.0000	25.9916	0.0000	0.0007	0.0000	5.1050	0.0000		
2017-06-21 00:30:00	0.0000	25.4209	0.0000	0.0007	0.0000	5.5847	0.0000		
2017-06-21 00:45:00	0.0000	25.2131	0.0000	0.0007	0.0000	5.5949	0.0000		
2017-06-21 01:00:00	0.0000	24.9947	0.0000	0.0007	0.0000	5.5847	0.0000		
2017-06-21 01:15:00	0.0000	25.3614	0.0000	0.0007	0.0000	5.5231	0.0000		
2017-06-21 01:30:00	0.0000	24.6091	0.0000	0.0007	0.0000	5.0288	0.0000		
2017-06-21 01:45:00	0.0000	24.9981	0.0000	0.0007	0.0000	4.5776	0.0000		
2017-06-21 02:00:00	0.0000	24.8484	0.0000	0.0007	0.0000	4.5776	0.0000		
2017-06-21 02:15:00	0.0000	25.1406	0.0000	0.0007	0.0000	4.6733	0.0000		
2017-06-21 02:30:00	0.0000	24.3207	0.0000	0.0007	0.0000	4.7348	0.0000		
2017-06-21 02:45:00	0.0000	24.7300	0.0000	0.0007	0.0000	4.4830	0.0000		
2017-06-21 03:00:00	0.0000	24.3421	0.0000	0.0007	0.0000	4.1174	0.0000		
2017-06-21 03:15:00	0.0000	24.7260	0.0000	0.0007	0.0000	3.9953	0.0000		
2017-06-21 03:30:00	0.0000	24.5412	0.0000	0.0007	0.0000	3.8310	0.0000		
2017-06-21 03:45:00	0.0000	24.3898	0.0000	0.0007	0.0000	3.8300	0.0000		
2017-06-21 04:00:00	0.0000	24.0825	0.0000	0.0007	0.0000	3.5706	0.0000		
2017-06-21 04:15:00	0.0000	23.9298	0.0000	0.0007	0.0000	4.0744	0.0000		
2017-06-21 04:30:00	0.0000	22.6985	0.0000	0.0007	0.0000	6.0734	0.0000		
2017-06-21 04:45:00	0.0000	20.1359	0.0000	0.0007	0.0000	9.4012	0.0000		
2017-06-21 05:00:00	0.0000	19.2453	0.0000	0.0007	0.0000	10.9251	0.0000		
2017-06-21 05:15:00	0.0000	19.2359	0.0000	0.0007	0.0000	11.0621	0.0000		
2017-06-21 05:30:00	0.0000	19.7748	0.0000	0.0007	0.0000	10.6055	0.0000		
2017-06-21 05:45:00	0.0000	20.2076	0.0000	0.0007	0.0000	10.3175	0.0000		
2017-06-21 06:00:00	0.0000	19.2533	0.0000	0.0007	0.0000	10.9943	0.0000		
2017-06-21 06:15:00	0.0000	20.1059	0.0000	0.0007	0.0000	11.5204	0.0000		
2017-06-21 06:30:00	0.0000	20.0791	0.0000	0.0007	0.0000	11.7267	0.0000		
2017-06-21 06:45:00	0.0000	20.0671	0.0000	0.0007	0.0000	12.3276	0.0000		
2017-06-21 07:00:00	0.0000	19.7999	0.0000	0.0007	0.0000	12.4893	0.0000		
2017-06-21 07:15:00	0.0000	19.5688	0.0000	0.0007	0.0000	12.1581	0.0000		
2017-06-21 07:30:00	0.0000	20.3154	0.0000	0.0007	0.0000	11.3347	0.0000		
2017-06-21 07:45:00	0.0000	19.6717	0.0000	0.0007	0.0000	10.4034	0.0000		
2017-06-21 08:00:00	0.0000	19.4134	0.0000	0.0007	0.0000	8.9106	0.0000		
2017-06-21 08:15:00	0.0000	20.3158	0.0000	0.0007	0.0000	6.4706	0.0000		
2017-06-21 08:30:00	0.0000	21.2434	0.0000	0.0007	0.0000	3.8553	0.0000		
2017-06-21 08:45:00	0.0000	22.1926	0.0000	0.0007	0.0000	2.1251	0.0000		
2017-06-21 09:00:00	0.0000	22.8623	0.0000	0.0007	0.0000	1.5564	0.0000		
2017-06-21 09:15:00	0.0000	22.6121	0.0000	0.0007	0.0000	1.4982	0.0000		
2017-06-21 09:30:00	0.0000	22.9298	0.0000	0.0007	0.0000	0.3656	0.0000		
					-	-	-		
2017-06-21 09:45:00	0.0000	23.5216	0.0000	0.0007	0.0000	0.0000	0.0000		
	0.0000 0.0000 0.0000	23.5216 24.4706 25.5950	0.0000 0.0000 0.0000	0.0007 0.0007 0.7815	0.0000 0.0000	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000		

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-06-21 10:30:00	0.0000	26.9485	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-21 10:45:00	0.0039	28.3787	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-21 11:00:00	0.0037	29.5647	0.0001	0.0000	0.0000	0.0000	0.0000	
2017-06-21 11:15:00	0.0689	31.6655	0.0022	0.0000	0.0000	0.0000	0.0000	
2017-06-21 11:30:00	0.1619	32.5043	0.0053	0.0000	0.0000	0.0000	0.0000	
2017-06-21 11:45:00	0.8544	33.5924	0.0287	0.0000	0.0000	0.0000	0.0000	
2017-06-21 12:00:00	1.3066	33.9497	0.0444	0.0000	0.0000	0.0000	0.0000	
2017-06-21 12:15:00	1.5113	34.0882	0.0515	0.0000	0.0000	0.0000	0.0000	
2017-06-21 12:30:00	2.1754	33.1232	0.0721	0.0000	0.0000	0.0000	0.0000	
2017-06-21 12:45:00	2.6148	32.4274	0.0848	0.0000	0.0000	0.0000	0.0000	
2017-06-21 13:00:00	2.6250	28.8442	0.0757	0.0000	0.0000	0.0000	0.0000	
2017-06-21 13:15:00	2.4975	28.9905	0.0724	0.0000	0.0000	0.0000	0.0000	
2017-06-21 13:30:00	1.8858	35.4364	0.0668	0.0000	0.0000	0.0000	0.0000	
2017-06-21 13:45:00	0.2977	38.1557	0.0114 0.0003	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	
2017-06-21 14:00:00	0.0077	32.8663					0.0000	
2017-06-21 14:15:00	0.0583	35.5183	0.0021	0.0000	0.0000	0.0000 0.0000	0.0000	
2017-06-21 14:30:00	0.1653	107.1097 142.8422	0.0177 0.0259	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	
2017-06-21 14:45:00 2017-06-21 15:00:00	0.1811	142.8422	0.0259	0.0000	0.0000	0.0000	0.0000	
	0.0753			0.0000				
2017-06-21 15:15:00 2017-06-21 15:30:00	0.0112 0.0000	79.6058 58.7403	0.0009 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000	
2017-06-21 15:30:00 2017-06-21 15:45:00	0.0000	58.7403 44.9258	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-21 15:45:00	0.0000	44.9258 35.3298	0.0000	0.0000	0.0000	2.3069	0.0000	
2017-06-21 16:00:00	0.0000	35.3298 29.6436	0.0000	0.0001	0.0000	4.3341	0.0000	
2017-06-21 16:15:00	0.0000	29.6436	0.0000	0.0000	0.0000	4.3341 6.3519	0.0000	
2017-06-21 16:30:00	0.0038	18.7742	0.0000	0.0000	0.0000	8.1034	0.0000	
2017-06-21 16:45:00	0.0000	15.7627	0.0001	0.0000	0.0000	9.9446	0.0001	
2017-06-21 17:00:00	0.0000	12.9098	0.0000	0.0000	0.0000	11.7050	0.0000	
2017-06-21 17:30:00	0.0000	11.1807	0.0000	0.0003	0.0000	13.0791	0.0000	
2017-06-21 17:45:00	0.0000	10.4628	0.0000	0.0000	0.0000	15.4970	0.0000	
2017-06-21 18:00:00	0.0000	9.7022	0.0000	0.0000	0.0000	19.3194	0.0000	
2017-06-21 18:15:00	0.0000	9.2180	0.0000	0.0000	0.0000	23.1476	0.0000	
2017-06-21 18:30:00	0.0000	8.4954	0.0000	0.0000	0.0000	28.1330	0.0000	
2017-06-21 18:45:00	0.0000	8.2160	0.0000	0.0004	0.0000	33.8828	0.0000	
2017-06-21 19:00:00	0.0000	7.4568	0.0000	0.0031	0.0000	37.5868	0.0000	
2017-06-21 19:15:00	0.0000	7.2141	0.0000	0.0021	0.0000	38.4184	0.0000	
2017-06-21 19:30:00	0.0036	7.2141	0.0000	0.0043	0.0000	36.3897	0.0003	
2017-06-21 19:45:00	0.0110	6.3096	0.0001	0.0008	0.0000	31.2464	0.0007	
2017-06-21 20:00:00	0.0148	6.0451	0.0001	0.0007	0.0000	29.2594	0.0008	
2017-06-21 20:15:00	0.0000	6.0117	0.0000	0.0007	0.0000	25.9354	0.0000	
2017-06-21 20:30:00	0.1650	6.0117	0.0010	0.0007	0.0000	24.2432	0.0078	
2017-06-21 20:45:00	0.0483	6.0117	0.0003	0.0007	0.0000	23.5016	0.0022	
2017-06-21 21:00:00	0.0000	6.0117	0.0000	0.0007	0.0000	22.1730	0.0000	
2017-06-21 21:15:00	0.0074	6.0117	0.0000	0.0007	0.0000	16.6411	0.0002	
2017-06-21 21:30:00	0.0000	6.0117	0.0000	0.0007	0.0000	10.4397	0.0000	
2017-06-21 21:45:00	0.0110	6.0117	0.0001	0.0007	0.0000	5.6610	0.0001	
2017-06-21 22:00:00	0.0000	6.0117	0.0000	0.0007	0.0000	2.3028	0.0000	
2017-06-21 22:15:00	0.0000	6.0117	0.0000	0.0007	0.0000	0.2981	0.0000	
2017-06-21 22:30:00	0.0000	6.0117	0.0000	0.0007	0.0000	0.0000	0.0000	
2017-06-21 22:45:00	0.0072	6.0117	0.0000	0.0007	0.0000	0.0000	0.0000	
2017-06-21 23:00:00	0.0991	6.0117	0.0006	0.0007	0.0000	0.0000	0.0000	
2017-06-21 23:15:00	0.0038	6.0117	0.0000	0.0007	0.0000	0.0000	0.0000	
2017-06-21 23:30:00	0.1371	6.0117	0.0008	0.0007	0.0000	0.0000	0.0000	
2017-06-21 23:45:00	0.0934	5.7713	0.0005	0.0007	0.0000	0.0000	0.0000	
2017-06-22 00:00:00	0.2550	5.2102	0.0013	0.0001	0.0000	0.0000	0.0000	
2017-06-22 00:15:00	0.5728	5.2102	0.0030	0.0000	0.0000	0.0000	0.0000	
2017-06-22 00:30:00	0.3186	5.2102	0.0017	0.0000	0.0000	0.0000	0.0000	
2017-06-22 00:45:00	0.0000	5.8425	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 01:00:00	0.0074	6.0117	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 01:15:00	0.4567	6.0117	0.0027	0.0000	0.0000	0.0000	0.0000	
2017-06-22 01:30:00	0.3469	6.0117	0.0021	0.0000	0.0000	0.0000	0.0000	
2017-06-22 01:45:00	0.9616	6.0117	0.0058	0.0000	0.0000	0.0000	0.0000	
2017-06-22 02:00:00	1.7295	6.0117	0.0104	0.0000	0.0000	0.0000	0.0000	
2017-06-22 02:15:00	0.7446	6.0117	0.0045	0.0000	0.0000	0.0000	0.0000	
2017-06-22 02:30:00	0.4104	6.0117	0.0025	0.0000	0.0000	0.0000	0.0000	
2017-06-22 02:45:00	0.4314	6.0117	0.0026	0.0000	0.0000	0.0000	0.0000	
2017-06-22 03:00:00	0.2640	6.0117	0.0016	0.0000	0.0000	0.0000	0.0000	
2017-06-22 03:15:00	0.0708	6.0117	0.0004	0.0000	0.0000	0.0000	0.0000	
2017-06-22 03:30:00	0.0000	6.0117	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 03:45:00	0.0000	6.0117	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 04:00:00	0.0000	6.0117	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 04:15:00	0.0000	6.0117	0.0000	0.0000	0.0000	0.0000	0.0000	
•	0.0000	6.0117	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 04:30:00	0.0000							
2017-06-22 04:30:00 2017-06-22 04:45:00	0.0000 0.0000	6.0117 5.1100	0.0000 0.0000	0.0000 0.0000	0.0000	0.0000	0.0000 0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ox	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-06-22 05:15:00	0.0000	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 05:30:00	0.0000	5.9605	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 05:45:00	0.0000	5.6499	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 06:00:00	0.0000	6.0117	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 06:15:00	0.0000	5.7568	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 06:30:00	0.0000	5.0320	0.0000	0.0000	0.0000	0.0000	0.0000	
2017-06-22 06:45:00	0.0000	5.0098	0.0000	0.0000 0.0000	0.0000	0.0000	0.0000	
2017-06-22 07:00:00 2017-06-22 07:15:00	1.3466 1.8222	5.0098 4.8886	0.0067 0.0089	0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	
2017-06-22 07:13:00	1.0675	4.8014	0.0089	0.0000	0.0000	0.0000	0.0000	
2017-06-22 07:45:00	0.9508	3.8074	0.0031	0.0000	0.0000	0.0000	0.0000	
2017-06-22 08:00:00	0.2375	4.7479	0.0011	0.0000	0.0000	0.0000	0.0000	
2017-06-22 08:00:00	2.2375	5.0098	0.0112	0.0000	0.0000	0.0000	0.0000	
2017-06-22 08:30:00	3.2178	4.3645	0.0112	0.0000	0.0000	0.0000	0.0000	
2017-06-22 08:45:00	3.0554	3.8074	0.0146	0.0000	0.0000	0.0000	0.0000	
2017-06-22 09:00:00	2.3611	3.8074	0.0090	0.0000	0.0000	0.0000	0.0000	
2017-06-22 09:15:00	2.7138	3.8074	0.0103	0.0000	0.0000	0.0000	0.0000	
2017-06-22 09:30:00	3.5578	3.8074	0.0135	0.0000	0.0000	0.0000	0.0000	
2017-06-22 09:45:00	2.9430	3.8074	0.0112	0.0000	0.0000	0.0000	0.0000	
2017-06-22 10:00:00	2.4279	3.8074	0.0092	0.0000	0.0000	0.0000	0.0000	
2017-06-22 10:15:00	1.7682	3.8074	0.0067	0.7820	0.0014	0.0000	0.0000	
2017-06-22 10:30:00	2.7608	3.8074	0.0105	0.0000	0.0000	0.0000	0.0000	
2017-06-22 10:45:00	3.8988	3.8074	0.0148	0.0000	0.0000	0.0000	0.0000	
2017-06-22 11:00:00	4.0515	3.8074	0.0154	0.0000	0.0000	0.0000	0.0000	
2017-06-22 11:15:00	4.2374	3.8074	0.0161	0.0000	0.0000	0.0000	0.0000	
2017-06-22 11:30:00	4.1963	3.8074	0.0160	0.0000	0.0000	0.0000	0.0000	
2017-06-22 11:45:00	4.3182	3.8074	0.0164	0.0000	0.0000	0.0000	0.0000	
2017-06-22 12:00:00	4.5326	3.8074	0.0173	0.0000	0.0000	0.0000	0.0000	
2017-06-22 12:15:00	4.3842	3.8074	0.0167	0.0000	0.0000	0.0000	0.0000	
2017-06-22 12:30:00	4.6358	3.8074	0.0177	0.0000	0.0000	0.0000	0.0000	
2017-06-22 12:45:00	4.6143	3.8074	0.0176	0.0000	0.0000	0.0000	0.0000	
2017-06-22 13:00:00	4.6337	3.8074	0.0176	0.0000	0.0000	0.0000	0.0000	
2017-06-22 13:15:00	4.3813	3.8074	0.0167	0.0000	0.0000	0.0000	0.0000	
2017-06-22 13:30:00	4.5190	3.8074	0.0172	0.0000	0.0000	0.0000	0.0000	
2017-06-22 13:45:00	4.3616	3.8074	0.0166	0.0000	0.0000	0.0000	0.0000	
2017-06-22 14:00:00	3.8687	4.7070	0.0182	0.0000	0.0000	0.0000	0.0000	
2017-06-22 14:15:00	3.7533	5.2315	0.0196	0.0000	0.0000	0.0000	0.0000	
2017-06-22 14:30:00	4.2029	4.5386	0.0191	0.0000	0.0000	0.0000	0.0000	
2017-06-22 14:45:00	2.6622	3.8074	0.0101	0.0000	0.0000	0.0000	0.0000	
2017-06-22 15:00:00	2.1537	3.8074	0.0082	0.0047	0.0000	0.0000	0.0000	
2017-06-22 15:15:00	0.7648	3.8074	0.0029	0.0137	0.0000	0.0000	0.0000	
2017-06-22 15:30:00	0.1353	4.7746	0.0006	0.0007	0.0000	0.0000	0.0000	
2017-06-22 15:45:00	0.0627	8.0477	0.0005	0.0007	0.0000	0.0000	0.0000	
2017-06-22 16:00:00	0.0385	8.3262	0.0003	0.0007	0.0000	0.0000	0.0000	
2017-06-22 16:15:00	0.2604	9.1530	0.0024	0.0007	0.0000	0.0000	0.0000	
2017-06-22 16:30:00	0.0147	9.4063	0.0001	0.0007	0.0000	0.0000	0.0000	
2017-06-22 16:45:00	0.2565	8.9494	0.0023	0.0007	0.0000	0.0000	0.0000	
2017-06-22 17:00:00	0.6708	7.5781	0.0051	0.0007	0.0000	0.0000	0.0000	
2017-06-22 17:15:00	0.2698	7.2141	0.0019	0.0007	0.0000	0.0000	0.0000	
2017-06-22 17:30:00	0.0455	7.7622	0.0004	0.0007	0.0000	0.0000	0.0000	
2017-06-22 17:45:00	0.1915	9.7379	0.0019	0.0007	0.0000	0.0000	0.0000	
2017-06-22 18:00:00	0.5749	9.6421	0.0055	0.0007	0.0000	0.0000	0.0000	
2017-06-22 18:15:00	0.6726	9.4184	0.0063	0.0007	0.0000	0.0000	0.0000	
2017-06-22 18:30:00	1.6114	9.5023	0.0153	0.0007	0.0000	0.0000	0.0000	
2017-06-22 18:45:00	2.2783	8.2149	0.0187	0.0007	0.0000	0.0000	0.0000	
2017-06-22 19:00:00	3.1217	7.2352	0.0226	0.0007	0.0000	0.0000	0.0000	
2017-06-22 19:15:00	1.2241	6.4806	0.0079	0.0007	0.0000	0.0000	0.0000	
2017-06-22 19:30:00	0.1979	11.3368	0.0022	0.0007	0.0000	0.0000	0.0000	
2017-06-22 19:45:00	0.0516	11.1858	0.0006	0.0007	0.0000	0.0000	0.0000	
2017-06-22 20:00:00	0.1816	9.8225	0.0018	0.0007	0.0000	2.1712	0.0008	
2017-06-22 20:15:00	2.0102	8.3754	0.0168	0.0007	0.0000	5.4436	0.0212	
2017-06-22 20:30:00	2.4016	7.2141	0.0173	0.0007	0.0000	4.7912	0.0223	
2017-06-22 20:45:00	1.2571	7.2141	0.0091	0.0007	0.0000	6.6992	0.0163	
2017-06-22 21:00:00	0.1168	7.2141	0.0008	0.0007	0.0000	7.3046	0.0017	
2017-06-22 21:15:00	0.0685	6.9509	0.0005	0.0007	0.0000	4.2476	0.0006	
2017-06-22 21:30:00	0.0539	6.0117	0.0003	0.0007	0.0000	0.7980	0.0001	
2017-06-22 21:45:00	0.0083	6.0117	0.0001	0.0007	0.0000	0.0000	0.0000	
2017-06-22 22:00:00	0.0220	6.0117	0.0001	0.0007	0.0000	0.0000	0.0000	
2017-06-22 22:15:00	0.0000	6.0117	0.0000	0.0007	0.0000	0.0000	0.0000	
2017-06-22 22:30:00	0.0192	6.0117	0.0001	0.0007	0.0000	0.0000	0.0000	
2017-06-22 22:45:00	0.0155	6.0117	0.0001	0.0007	0.0000	0.0000	0.0000	
2017-06-22 23:00:00	0.0128	5.1367	0.0001	0.0007	0.0000	0.0000	0.0000	
2017-06-22 23:15:00	0.0137	5.0098	0.0001	0.0007	0.0000	0.0000	0.0000	
2017-06-22 23:30:00	0.0147	5.0098	0.0001	0.0007	0.0000	0.0000	0.0000	
2017-06-22 23:45:00	0.0000	5.0098	0.0000	0.0007	0.0000	0.0000	0.0000	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-23 00:00:00	0.0000	5.0098	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-23 00:15:00	0.0036	5.0098	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-23 00:30:00 2017-06-23 00:45:00	0.0072	5.0098	0.0000	0.0007	0.0000	0.0000	0.0000
	0.0037	5.0098	0.0000 0.0002	0.0007 0.0007	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-23 01:00:00 2017-06-23 01:15:00	0.0314 0.0227	5.0098 5.0098	0.0002	0.0007	0.0000	0.0000	0.0000
2017-06-23 01:30:00	0.0027	4.5903	0.0001	0.0007	0.0000	0.0000	0.0000
2017-06-23 01:35:00	0.0007	3.8074	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-23 01:43:00	0.0000	3.8074	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-23 02:05:00	0.0000	3.8074	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-23 02:30:00	0.0480	3.8074	0.0002	0.0007	0.0000	0.0000	0.0000
2017-06-23 02:45:00	1.0606	3.8074	0.0040	0.0007	0.0000	0.0000	0.0000
2017-06-23 03:00:00	0.4875	3.8074	0.0019	0.0007	0.0000	0.0000	0.0000
2017-06-23 03:15:00	0.4887	3.8074	0.0019	0.0007	0.0000	0.0000	0.0000
2017-06-23 03:30:00	1.0654	3.8074	0.0041	0.0007	0.0000	0.0000	0.0000
2017-06-23 03:45:00	0.4595	3.8074	0.0017	0.0007	0.0000	0.0000	0.0000
2017-06-23 04:00:00	0.1329	3.8074	0.0005	0.0007	0.0000	0.0000	0.0000
2017-06-23 04:15:00	0.0000	3.8074	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-23 04:30:00	0.1716	3.8074	0.0007	0.0007	0.0000	0.0000	0.0000
2017-06-23 04:45:00	0.1508	3.8074	0.0006	0.0007	0.0000	0.0000	0.0000
2017-06-23 05:00:00	1.0196	3.8074	0.0039	0.0007	0.0000	0.0000	0.0000
2017-06-23 05:15:00	1.2631	3.8074	0.0048	0.0007	0.0000	0.0000	0.0000
2017-06-23 05:30:00	1.6107	3.8074	0.0061	0.0007	0.0000	0.0000	0.0000
2017-06-23 05:45:00	0.8383	3.8074	0.0032	0.0007	0.0000	0.0000	0.0000
2017-06-23 06:00:00	1.1356	4.9804	0.0057	0.0007	0.0000	0.0000	0.0000
2017-06-23 06:15:00	1.3899	5.0098	0.0070	0.0007	0.0000	0.0000	0.0000
2017-06-23 06:30:00	0.4785	4.9830	0.0024	0.0007	0.0000	0.0000	0.0000
2017-06-23 06:45:00	0.4780	3.9809	0.0019	0.0007	0.0000	0.0000	0.0000
2017-06-23 07:00:00	0.2284	4.0078	0.0009	0.0007	0.0000	0.0000	0.0000
2017-06-23 07:15:00	0.0559	4.0078	0.0002	0.0019	0.0000	0.0000	0.0000
2017-06-23 07:30:00	0.0108	4.0078	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-23 07:45:00	0.0000	4.0078	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-23 08:00:00	0.0000	4.0245	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-23 08:15:00	0.3373	4.6491	0.0016	0.0000	0.0000	0.0000	0.0000
2017-06-23 08:30:00	0.8575	4.2670	0.0037	0.0000	0.0000	0.0000	0.0000
2017-06-23 08:45:00	0.6745	3.8074	0.0026	0.0000	0.0000	0.0000	0.0000
2017-06-23 09:00:00	0.6536	4.1975	0.0027	0.0000	0.0000	0.0000	0.0000
2017-06-23 09:15:00	1.4771	3.8074	0.0056	0.0000	0.0000	0.0000	0.0000
2017-06-23 09:30:00	1.9662	3.8769	0.0076	0.0000	0.0000	0.0000	0.0000
2017-06-23 09:45:00	1.7756	5.0098	0.0089	0.0000	0.0000	0.0000	0.0000
2017-06-23 10:00:00	1.0121	5.0098	0.0051	0.0000	0.0000	0.0000	0.0000
2017-06-23 10:15:00	0.1321	5.0098	0.0007	0.7990	0.0001	0.0000	0.0000
2017-06-23 10:30:00	0.2179	5.0098	0.0011	0.0000	0.0000	0.0000	0.0000
2017-06-23 10:45:00	0.4272	5.0098	0.0021	0.0000	0.0000	0.0000	0.0000
2017-06-23 11:00:00	0.4248	5.0098	0.0021	0.0000	0.0000	0.0000	0.0000
2017-06-23 11:15:00	1.3677	4.9724	0.0068	0.0000	0.0000	0.0000	0.0000
2017-06-23 11:30:00	0.9738	3.8074	0.0037	0.0000	0.0000	0.0000	0.0000
2017-06-23 11:45:00	2.4179	3.8074	0.0092	0.0000	0.0000	0.0000	0.0000
2017-06-23 12:00:00	3.6815	3.8074	0.0140	0.0000	0.0000	0.0000	0.0000
2017-06-23 12:15:00	2.5693	3.8074	0.0098	0.0000	0.0000	0.0000	0.0000
2017-06-23 12:30:00	1.3750	3.8074	0.0052	0.0000	0.0000	0.0000	0.0000
2017-06-23 12:45:00	1.9590	3.8074	0.0075	0.0000	0.0000	0.0000	0.0000
2017-06-23 13:00:00	0.4450	4.4796	0.0020	0.0000	0.0000	0.0000	0.0000
2017-06-23 13:15:00 2017-06-23 13:30:00	0.5594 0.7613	7.7184 9.0321	0.0043 0.0069	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000
2017-06-23 13:30:00	0.5451	9.0321 8.4353	0.0069	0.0000	0.0000	0.0000	0.0000
2017-06-23 13:45:00	0.3574	8.4353 8.2594	0.0046	0.0000	0.0000	0.0000	0.0000
2017-06-23 14:05:00	0.8857	7.1232	0.0030	0.0000	0.0000	0.0000	0.0000
2017-06-23 14:13:00	1.1143	7.1232	0.0063	0.0000	0.0000	0.0000	0.0000
2017-06-23 14:45:00	0.8693	6.5405	0.0078	0.0000	0.0000	0.0000	0.0000
2017-06-23 15:00:00	0.5907	6.0117	0.0037	0.0000	0.0000	0.0000	0.0000
2017-06-23 15:05:00	0.0909	6.0117	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-23 15:30:00	0.3188	5.7523	0.0018	0.0000	0.0000	0.0000	0.0000
2017-06-23 15:45:00	0.2195	5.8881	0.0013	0.0000	0.0000	0.0000	0.0000
2017-06-23 16:00:00	0.0882	6.0117	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-23 16:15:00	0.3932	6.0117	0.0024	0.0000	0.0000	0.0000	0.0000
2017-06-23 16:30:00	0.1846	6.0117	0.0011	0.0000	0.0000	0.0000	0.0000
2017-06-23 16:45:00	0.3150	6.0117	0.0011	0.0000	0.0000	0.0000	0.0000
2017-06-23 17:00:00	0.2745	6.0117	0.0017	0.0000	0.0000	0.0000	0.0000
2017-06-23 17:15:00	0.2578	5.7891	0.0015	0.0000	0.0000	0.0000	0.0000
2017-06-23 17:30:00	0.2061	5.1289	0.0011	0.0001	0.0000	0.0000	0.0000
		5.5219	0.0016	0.0000	0.0000	0.0000	0.0000
2017-06-23 17:45:00	0.2839						
2017-06-23 17:45:00 2017-06-23 18:00:00	0.2839	5.0098	0.0008	0.0161	0.0000	0.0000	0.0000
				0.0161 0.0590	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-23 18:45:00	0.0301	5.0098	0.0002	0.0010	0.0000	0.0000	0.0000
2017-06-23 19:00:00	0.0036	5.0098	0.0000	0.0009	0.0000	0.0000	0.0000
2017-06-23 19:15:00	0.0491	5.0098	0.0002	0.0007	0.0000	0.0000	0.0000
2017-06-23 19:30:00	0.0595	5.0098	0.0003	0.0007	0.0000	0.0000	0.0000
2017-06-23 19:45:00	0.0328	5.0098	0.0002	0.0007	0.0000	0.0000	0.0000
2017-06-23 20:00:00	0.0696	5.0098	0.0003	0.0007	0.0000	0.0000	0.0000
2017-06-23 20:15:00	0.0672	5.0098	0.0003	0.0007	0.0000	0.0000	0.0000
2017-06-23 20:30:00	0.0123	5.0098	0.0001	0.1510	0.0000	0.0000	0.0000
2017-06-23 20:45:00	0.0446	5.0098	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-23 21:00:00	0.0038	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-23 21:15:00	0.0036	5.0098	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-23 21:30:00	0.0347	5.0098	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-23 21:45:00	0.0313	5.0098	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-23 22:00:00	0.0165	5.0098	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-23 22:15:00	0.0156	5.0098	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-23 22:30:00	0.0195	5.0098	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-23 22:45:00	0.0429	5.0098	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-23 23:00:00 2017-06-23 23:15:00	0.0149	5.0098	0.0001 0.0000	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-23 23:15:00	0.0000	5.0098		0.0000	0.0000 0.0000	0.0000	
	0.0036	5.0098 5.0098	0.0000	0.0000	0.0000	0.0000	0.0000 0.0000
2017-06-23 23:45:00 2017-06-24 00:00:00	0.0186 0.0309	5.0098	0.0001 0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-24 00:00:00	0.0000	4.9617	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-24 00:13:00	0.0147	4.1882	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-24 00:30:00	0.5407	4.1882	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-24 01:00:00	1.0516	4.0078	0.0042	0.0000	0.0000	0.0000	0.0000
2017-06-24 01:15:00	1.3654	4.0078	0.0055	0.0000	0.0000	0.0000	0.0000
2017-06-24 01:30:00	0.2917	4.0078	0.0012	0.0000	0.0000	0.0000	0.0000
2017-06-24 01:45:00	0.3057	4.0078	0.0012	0.0000	0.0000	0.0000	0.0000
2017-06-24 02:00:00	0.6667	4.0078	0.0027	0.0000	0.0000	0.0000	0.0000
2017-06-24 02:15:00	0.2181	4.0078	0.0009	0.0000	0.0000	0.0000	0.0000
2017-06-24 02:30:00	0.2109	4.0078	0.0008	0.0000	0.0000	0.0000	0.0000
2017-06-24 02:45:00	0.1131	4.0078	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-24 03:00:00	0.1916	4.0078	0.0008	0.0000	0.0000	0.0000	0.0000
2017-06-24 03:15:00	0.6174	4.0078	0.0025	0.0000	0.0000	0.0000	0.0000
2017-06-24 03:30:00	0.8447	4.0078	0.0034	0.0000	0.0000	0.0000	0.0000
2017-06-24 03:45:00	0.9131	4.0078	0.0037	0.0000	0.0000	0.0000	0.0000
2017-06-24 04:00:00	0.4897	4.0078	0.0020	0.0000	0.0000	0.0000	0.0000
2017-06-24 04:15:00	0.5041	4.0078	0.0020	0.0000	0.0000	0.0000	0.0000
2017-06-24 04:30:00	1.1630	4.0078	0.0047	0.0000	0.0000	0.0000	0.0000
2017-06-24 04:45:00	2.0883	4.0078	0.0084	0.0000	0.0000	0.0000	0.0000
2017-06-24 05:00:00	1.4730	4.0078	0.0059	0.0000	0.0000	0.0000	0.0000
2017-06-24 05:15:00	1.1950	4.0078	0.0048	0.0000	0.0000	0.0000	0.0000
2017-06-24 05:30:00	0.6288	4.0078	0.0025	0.0000	0.0000	0.0000	0.0000
2017-06-24 05:45:00	0.1156	4.0078	0.0005	0.0000	0.0000	0.0000	0.0000
2017-06-24 06:00:00	0.0229	4.0078	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-24 06:15:00	0.1825	4.0078	0.0007	0.0000	0.0000	0.0000	0.0000
2017-06-24 06:30:00	0.1530	4.0078	0.0006	0.0000	0.0000	0.0000	0.0000
2017-06-24 06:45:00	0.0188	4.0078	0.0001	0.0000	0.0000	0.0000	0.0000
2017-06-24 07:00:00	0.0480	4.0078	0.0002	0.0000	0.0000	0.0000	0.0000
2017-06-24 07:15:00	0.1544	4.0078	0.0006	0.0000	0.0000	0.0000	0.0000
2017-06-24 07:30:00	0.1008	4.0078	0.0004	0.0000	0.0000	0.0000	0.0000
2017-06-24 07:45:00	0.4627	4.0078	0.0019	0.0000	0.0000	0.0000	0.0000
2017-06-24 08:00:00	0.8789	4.0078	0.0035	0.0000	0.0000	0.0000	0.0000
2017-06-24 08:15:00	0.8020	4.0078	0.0032	0.0000	0.0000	0.0000	0.0000
2017-06-24 08:30:00	0.9736	4.0078	0.0039	0.0000	0.0000	0.0000	0.0000
2017-06-24 08:45:00	1.8117	4.0078	0.0073	0.0000	0.0000	0.0000	0.0000
2017-06-24 09:00:00	3.4195	4.0078	0.0137	0.0000	0.0000	0.0000	0.0000
2017-06-24 09:15:00	3.7097	4.0078	0.0149	0.0000	0.0000	0.0000	0.0000
2017-06-24 09:30:00	3.8255	4.0078	0.0153	0.0000	0.0000	0.0000	0.0000
2017-06-24 09:45:00	4.0344	4.0078	0.0162	0.0000	0.0000	0.0000	0.0000
2017-06-24 10:00:00	4.0952	3.6571	0.0150	0.0000	0.0000	0.0000	0.0000
2017-06-24 10:15:00	3.8429	3.0059	0.0116	0.7869	0.0030	0.0000	0.0000
2017-06-24 10:30:00	3.1986	2.8144	0.0090	0.0000	0.0000	0.0000	0.0000
2017-06-24 10:45:00	1.8750	2.6051	0.0049	0.0000	0.0000	0.0000	0.0000
2017-06-24 11:00:00	2.0430	2.6051	0.0053	0.0000	0.0000	0.0000	0.0000
2017-06-24 11:15:00	2.2243	2.6051	0.0058	0.0000	0.0000	0.0000	0.0000
2017-06-24 11:30:00	2.1697	2.6051	0.0057	0.0000	0.0000	0.0000	0.0000
2017-06-24 11:45:00	2.5266	2.6051	0.0066	0.0000	0.0000	0.0000	0.0000
2017-06-24 12:00:00	1.9905	2.6051	0.0052	0.0000	0.0000	0.0000	0.0000
2017-06-24 12:15:00	1.9010	3.0833	0.0059	0.0000	0.0000	0.0000	0.0000
2017-06-24 12:30:00	0.7411	4.0345	0.0030	0.0000	0.0000	0.0000	0.0000
2017-06-24 12:45:00	0.4236	5.4952	0.0023	0.0000	0.0000	0.0000	0.0000
2017-06-24 13:00:00	0.5001 0.4122	6.0117 6.0117	0.0030	0.0000	0.0000	0.0000	0.0000
2017-06-24 13:15:00			0.0025	0.0000	0.0000	0.0000	0.0000

Parameter Unit	Volumetric Flow Rate	N	missions - A2 Nitric				
Unit			OX .	NH3		N.	20
	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-24 13:30:00	0.8664	5.1545	0.0045	0.0000	0.0000	0.0000	0.0000
2017-06-24 13:45:00	0.9674	5.0098	0.0048	0.0000	0.0000	0.0000	0.0000
2017-06-24 14:00:00	0.8744	3.9811	0.0035	0.0000	0.0000	0.0000	0.0000
2017-06-24 14:15:00	0.6341	3.8074	0.0024 0.0014	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000	0.0000 0.0000
2017-06-24 14:30:00 2017-06-24 14:45:00	0.3637 0.6238	3.8983 3.9904	0.0014	0.0000	0.0000	0.0000	0.0000
2017-06-24 14:45:00	0.5770	4.8909	0.0023	0.0000	0.0000	0.0000	0.0000
2017-06-24 15:00:00	0.3770	5.0098	0.0028	0.0000	0.0000	0.0000	0.0000
2017-06-24 15:30:00	0.7240	5.0098	0.0030	0.0000	0.0000	0.0000	0.0000
2017-06-24 15:45:00	1.0579	5.0098	0.0053	0.0000	0.0000	0.0000	0.0000
2017-06-24 16:00:00	1.2629	5.0098	0.0063	0.0000	0.0000	0.0000	0.0000
2017-06-24 16:15:00	0.7423	5.0098	0.0037	0.0000	0.0000	0.0000	0.0000
2017-06-24 16:30:00	1.1518	5.0098	0.0058	0.0000	0.0000	0.0000	0.0000
2017-06-24 16:45:00	0.6444	4.5221	0.0029	0.0000	0.0000	0.0000	0.0000
2017-06-24 17:00:00	0.3599	4.1715	0.0015	0.0000	0.0000	0.0000	0.0000
2017-06-24 17:15:00	0.3991	4.0078	0.0016	0.0000	0.0000	0.0000	0.0000
2017-06-24 17:30:00	0.6935	4.0078	0.0028	0.0000	0.0000	0.0000	0.0000
2017-06-24 17:45:00	0.9405	4.0078	0.0038	0.0000	0.0000	0.0000	0.0000
2017-06-24 18:00:00	0.6471	4.0078	0.0026	0.0000	0.0000	0.0000	0.0000
2017-06-24 18:15:00	0.5876	4.0078	0.0024	0.0000	0.0000	0.0000	0.0000
2017-06-24 18:30:00	0.5827	4.0078	0.0023	0.0000	0.0000	0.0000	0.0000
2017-06-24 18:45:00	0.1026	4.0078	0.0004	0.0133	0.0000	0.0000	0.0000
2017-06-24 19:00:00	0.1971	6.3555	0.0013	0.0000	0.0000	0.0000	0.0000
2017-06-24 19:15:00	0.2710	11.6173	0.0031	0.0088	0.0000	0.0000	0.0000
2017-06-24 19:30:00	0.6976	9.8102	0.0068	0.0007	0.0000	0.0000	0.0000
2017-06-24 19:45:00	0.3560	7.7106	0.0027	0.0017	0.0000	0.0000	0.0000
2017-06-24 20:00:00	0.4886	6.4566	0.0032	0.0011	0.0000	0.0000	0.0000
2017-06-24 20:15:00	0.6018	6.0117	0.0036	0.0050	0.0000	0.0000	0.0000
2017-06-24 20:30:00	0.3717	6.8863	0.0026	0.0000	0.0000	0.0000	0.0000
2017-06-24 20:45:00	0.2688	7.4334	0.0020	0.0022	0.0000	0.0000	0.0000
2017-06-24 21:00:00	0.0845	6.0331	0.0005	0.0021	0.0000	0.0000	0.0000
2017-06-24 21:15:00	0.1824	6.0117	0.0011	0.0007	0.0000	0.0000	0.0000
2017-06-24 21:30:00	0.1542	6.0117	0.0009	0.0007 0.0007	0.0000	0.0000	0.0000
2017-06-24 21:45:00	0.1033 0.0673	6.0117 6.0117	0.0006 0.0004	0.0007	0.0000	0.0000 0.0000	0.0000
2017-06-24 22:00:00 2017-06-24 22:15:00	0.0453	6.0117	0.0004	0.0007	0.0000	0.0000	0.0000
2017-06-24 22:30:00	0.0992	6.0117	0.0003	0.0007	0.0000	0.0000	0.0000
2017-06-24 22:45:00	0.1444	6.4953	0.0009	0.0007	0.0000	0.0000	0.0000
2017-06-24 23:00:00	0.8013	7.2141	0.0058	0.0007	0.0000	0.0000	0.0000
2017-06-24 23:15:00	0.0934	7.9555	0.0007	0.0007	0.0000	0.0000	0.0000
2017-06-24 23:30:00	0.2396	8.5580	0.0021	0.0007	0.0000	0.0000	0.0000
2017-06-24 23:45:00	0.2897	9.2353	0.0027	0.0007	0.0000	0.0000	0.0000
2017-06-25 00:00:00	0.5324	88.6802	0.0472	0.0007	0.0000	0.0000	0.0000
2017-06-25 00:15:00	0.8249	582.4115	0.4804	0.0007	0.0000	0.0000	0.0000
2017-06-25 00:30:00	1.8691	134.2452	0.2509	0.0007	0.0000	0.0000	0.0000
2017-06-25 00:45:00	0.1864	27.8278	0.0052	0.0007	0.0000	0.0000	0.0000
2017-06-25 01:00:00	0.0000	24.6144	0.0000	0.0007	0.0000	0.0000	0.0000
2017-06-25 01:15:00	0.0000	15.4528	0.0000	0.0007	0.0000	1.2879	0.0000
2017-06-25 01:30:00	0.0142	10.9943	0.0002	0.0007	0.0000	4.2858	0.0001
2017-06-25 01:45:00	10.7945	7.0785	0.0764	0.0244	0.0003	1.0064	0.0211
2017-06-25 02:00:00	17.0379	3.6885	0.0628	0.0270	0.0005	0.0000	0.0000
2017-06-25 02:15:00	19.9600	1.9427	0.0388	0.0255	0.0005	0.0000	0.0000
2017-06-25 02:30:00	20.9489	8.3476	0.1749	0.0425	0.0009	0.0000	0.0000
2017-06-25 02:45:00	24.6079	14.1754	0.3488	0.0250	0.0006	0.0000	0.0000
2017-06-25 03:00:00	27.5978	5.8287	0.1609	0.0128	0.0004	0.0000	0.0000
2017-06-25 03:15:00	29.1985	3.2169	0.0939	0.0013	0.0000	0.0000	0.0000
2017-06-25 03:30:00	29.3797	2.1086	0.0619	0.0000	0.0000	0.0000	0.0000
2017-06-25 03:45:00	29.4219	4.3614	0.1283	0.0000	0.0000	0.0000	0.0000
2017-06-25 04:00:00	29.3133	17.3066	0.5073	0.0000	0.0000	0.0000	0.0000
2017-06-25 04:15:00	29.4036	28.9823	0.8522	0.0000	0.0000	0.0000	0.0000
2017-06-25 04:30:00	29.4141	49.2338	1.4482	0.0000	0.0000	0.0000	0.0000
2017-06-25 04:45:00	29.3509	61.5912	1.8078	0.0000	0.0000	0.0000	0.0000
2017-06-25 05:00:00	29.4811	60.5224	1.7843	0.0000	0.0000	0.0000	0.0000
2017-06-25 05:15:00	29.4229 29.5154	59.4949 31.2454	1.7505 0.9222	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000
2017-06-25 05:30:00 2017-06-25 05:45:00	29.5154 29.4940	31.2454 9.6352	0.9222	0.0000	0.0000 0.0000	0.0000	0.0000
2017-06-25 05:45:00	29.4940 29.4879	3.5391	0.2842	0.0000	0.0000	0.0000	0.0000
2017-06-25 06:00:00	29.4449	1.8547	0.1044	0.0000	0.0000	0.0000	0.0000
2017-06-25 06:30:00	29.4273	1.8035	0.0546	0.0000	0.0000	0.0000	0.0000
2017-06-25 06:45:00	29.6342	0.7762	0.0230	0.0000	0.0000	0.0000	0.0000
2017-06-25 07:00:00	29.8076	0.6012	0.0179	0.0000	0.0000	0.0000	0.0000
2017-06-25 07:15:00	29.8986	0.6012	0.0179	0.0000	0.0000	0.0000	0.0000
2011 00 23 01:1:3:00					0.0000	0.0000	0.0000
2017-06-25 07:30:00	29.8256	0.6012	0.0179	0.0000	0.0000	0.0000	0.0000
	29.8256 29.6805	0.6012 0.6012	0.0179 0.0178	0.0000	0.0000	0.0000	0.0000

		Point Source Air E					
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-25 08:15:00	29.9200	0.6012	0.0180	0.0000	0.0000	0.0000	0.0000
2017-06-25 08:30:00	29.6993	0.6012	0.0179	0.0000	0.0000	0.0000	0.0000
2017-06-25 08:45:00	29.6800	0.6012	0.0178	0.0000	0.0000	0.0000	0.0000
2017-06-25 09:00:00	29.8484	0.6012	0.0179	0.0000	0.0000	0.0000	0.0000
2017-06-25 09:15:00	29.7112	0.6012	0.0179	0.0000	0.0000	0.0000	0.0000
2017-06-25 09:30:00	29.9245	0.6012	0.0180	0.0000	0.0000	0.0000	0.0000
2017-06-25 09:45:00	29.8291	0.6012	0.0179	0.0000	0.0000	0.0000	0.0000
2017-06-25 10:00:00	29.7092	0.6012	0.0179	0.0000	0.0000	0.0000	0.0000
2017-06-25 10:15:00	29.6066	0.6012	0.0178	0.8074	0.0239	0.0000	0.0000
2017-06-25 10:30:00	29.5398	0.6012	0.0178	0.0000	0.0000	0.0000	0.0000
2017-06-25 10:45:00	29.6140	0.6012	0.0178	0.0000	0.0000	0.0000	0.0000
2017-06-25 11:00:00	29.5449	0.6012	0.0178	0.0000	0.0000	0.0000	0.0000
2017-06-25 11:15:00	29.6479	0.6012	0.0178	0.0000	0.0000	0.0000	0.0000
2017-06-25 11:30:00	29.5720	0.6012 0.6012	0.0178	0.0000	0.0000	0.0000	0.0000 0.0000
2017-06-25 11:45:00	29.4692	0.6012	0.0177	0.0000		0.0000	0.0000
2017-06-25 12:00:00	29.2731		0.0176	0.0000	0.0000	0.0000	
2017-06-25 12:15:00 2017-06-25 12:30:00	29.3084 29.0127	0.6012 0.6012	0.0176 0.0174	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000 0.0000
	29.0127	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 12:45:00							0.0000
2017-06-25 13:00:00 2017-06-25 13:15:00	29.2145 29.1932	0.6012 0.6012	0.0176 0.0176	0.0000 0.0000	0.0000	0.0000 0.0000	0.0000
2017-06-25 13:15:00	29.1932	0.6012	0.0176	0.0000	0.0000	0.0000	0.0000
2017-06-25 13:30:00	29.1580	0.6012	0.0175	0.0000	0.0000	0.0000	0.0000
2017-06-25 13:45:00	28.9662	0.6012	0.0176	0.0000	0.0000	0.0000	0.0000
2017-06-25 14:05:00	29.0466	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 14:15:00	29.0470	0.6012	0.0175	0.0000	0.0000	0.0000	0.0000
2017-06-25 14:45:00	29.1290	0.6012	0.0175	0.0000	0.0000	0.0000	0.0000
2017-06-25 15:00:00	29.0760	0.6012	0.0175	0.0000	0.0000	0.0000	0.0000
2017-06-25 15:15:00	28.9401	0.6012	0.0173	0.0000	0.0000	0.0000	0.0000
2017-06-25 15:30:00	29.0908	0.6012	0.0175	0.0000	0.0000	0.0000	0.0000
2017-06-25 15:45:00	29.0244	0.6012	0.0173	0.0000	0.0000	0.0000	0.0000
2017-06-25 16:00:00	28.9244	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 16:15:00	28.9397	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 16:30:00	28.8338	0.6012	0.0173	0.0000	0.0000	0.0000	0.0000
2017-06-25 16:45:00	28.7735	0.6012	0.0173	0.0000	0.0000	0.0000	0.0000
2017-06-25 17:00:00	28.8316	0.6012	0.0173	0.0000	0.0000	0.0000	0.0000
2017-06-25 17:15:00	28.9017	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 17:30:00	28.8377	0.6012	0.0173	0.0000	0.0000	0.0000	0.0000
2017-06-25 17:45:00	28.8270	0.6012	0.0173	0.0000	0.0000	0.0000	0.0000
2017-06-25 18:00:00	28.9846	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 18:15:00	29.0424	0.6012	0.0175	0.0000	0.0000	0.0000	0.0000
2017-06-25 18:30:00	29.0551	0.6012	0.0175	0.0000	0.0000	0.0000	0.0000
2017-06-25 18:45:00	28.9704	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 19:00:00	28.9487	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 19:15:00	28.9132	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 19:30:00	28.8713	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 19:45:00	28.7672	0.6012	0.0173	0.0000	0.0000	0.0000	0.0000
2017-06-25 20:00:00	28.8735	0.6012	0.0174	0.0000	0.0000	0.0000	0.0000
2017-06-25 20:15:00	28.9561	18.0463	0.5225	0.0001	0.0000	0.0000	0.0000
2017-06-25 20:30:00	29.0524	16.9709	0.4930	0.0000	0.0000	0.0000	0.0000
2017-06-25 20:45:00	29.0494	5.2496	0.1525	0.0000	0.0000	0.0000	0.0000
2017-06-25 21:00:00	29.0529	2.2965	0.0667	0.0000	0.0000	0.0000	0.0000
2017-06-25 21:15:00	29.0551	1.2413	0.0361	0.0006	0.0000	0.0000	0.0000
2017-06-25 21:30:00	29.0863	0.6012	0.0175	0.0002	0.0000	0.0000	0.0000
2017-06-25 21:45:00	29.1131	0.6012	0.0175	0.0000	0.0000	0.0000	0.0000
2017-06-25 22:00:00	29.0882	0.6012	0.0175	0.0000	0.0000	0.0000	0.0000
2017-06-25 22:15:00	29.1260	0.5544	0.0161	0.0000	0.0000	0.0000	0.0000
2017-06-25 22:30:00	29.2110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-25 22:45:00	29.3806	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-25 23:00:00	29.4803	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2017-06-25 23:15:00	29.5797	6.8177	0.2017	0.0000	0.0000	0.0000	0.0000
2017-06-25 23:30:00	29.5370	3.7992	0.1122	0.0000	0.0000	0.0000	0.0000
2017-06-25 23:45:00	29.3533	1.0710	0.0314	0.0000	0.0000	0.0000	0.0000
2017-06-26 00:00:00	29.3750	0.4616	0.0136	0.0000	0.0000	0.0000	0.0000
2017-06-26 00:15:00	27.6017	41.1306	1.1353	0.0000	0.0000	175.7815	9.4126
2017-06-26 00:30:00	29.6321	491.0612	14.5512	0.0000	0.0000	56.6723	3.2579
2017-06-26 00:45:00	29.8626	177.1377	5.2898	0.0090	0.0003	21.7103	1.2578
2017-06-26 01:00:00	30.1598	76.5606	2.3091	0.0085	0.0003	18.5589	1.0859
2017-06-26 01:15:00	30.2322	45.0578	1.3622	0.0004	0.0000	15.3430	0.8999
2017-06-26 01:30:00	30.3046	63.1046	1.9124	0.0000	0.0000	14.8199	0.8713
2017-06-26 01:45:00	30.1538	73.5129	2.2167	0.0000	0.0000	14.5533	0.8513
	20 7020	94 4026	2.5139	0.0000	0.0000	13.6025	0.7860
2017-06-26 02:00:00	29.7839	84.4036	2.5155				
2017-06-26 02:00:00 2017-06-26 02:15:00	29.7839 29.8709	59.7358	1.7844	0.0000	0.0000	14.1833	0.8219

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-26 03:00:00	30.2995	70.1757	2.1263	0.0000	0.0000	15.6956	0.9226
2017-06-26 03:15:00	30.1192	80.2487	2.4170	0.0034	0.0001	15.5200	0.9069
2017-06-26 03:30:00	29.6357	80.0968	2.3737	0.0033	0.0001	13.8399	0.7957
2017-06-26 03:45:00	29.7653	96.9100	2.8846	0.0007	0.0000	13.6511	0.7883
2017-06-26 04:00:00	30.0001	76.8030	2.3041	0.0048	0.0001	14.6082	0.8502
2017-06-26 04:15:00	30.0549	82.8909	2.4913	0.0032 0.0002	0.0001 0.0000	14.5569	0.8488 0.8522
2017-06-26 04:30:00 2017-06-26 04:45:00	30.1762 29.9426	75.0922 76.2037	2.2660 2.2817	0.0002	0.0004	14.5569 14.3372	0.8522
2017-06-26 04:45:00	30.0275	75.3596	2.2629	0.0019	0.0004	14.3372	0.8213
2017-06-26 05:15:00	30.2144	73.3330	2.1642	0.0000	0.0000	14.4196	0.8452
2017-06-26 05:30:00	30.1493	85.9484	2.5913	0.0000	0.0000	14.8949	0.8712
2017-06-26 05:45:00	30.0252	81.2027	2.4381	0.0000	0.0000	14.9200	0.8691
2017-06-26 06:00:00	30.1986	75.8692	2.2911	0.0003	0.0000	14.6484	0.8582
2017-06-26 06:15:00	30.2201	72.9144	2.2035	0.0000	0.0000	14.6484	0.8588
2017-06-26 06:30:00	30.2460	68.5018	2.0719	0.0067	0.0002	14.6484	0.8595
2017-06-26 06:45:00	30.1530	79.6542	2.4018	0.0001	0.0000	14.6484	0.8569
2017-06-26 07:00:00	30.0730	63.1442	1.8989	0.0000	0.0000	14.6657	0.8556
2017-06-26 07:15:00	29.9718	71.6083	2.1462	0.0000	0.0000	14.9958	0.8719
2017-06-26 07:30:00	30.0526	75.9011	2.2810	0.0000	0.0000	15.0487	0.8774
2017-06-26 07:45:00	30.1671	85.2818	2.5727	0.0000	0.0000	14.9133	0.8728
2017-06-26 08:00:00	30.2196	41.3887	1.2507	0.0000	0.0000	14.5569	0.8534
2017-06-26 08:15:00	30.1140	74.2409	2.2357	0.0000	0.0000	14.2563	0.8329
2017-06-26 08:30:00	30.0064	61.7145	1.8518	0.0000	0.0000	14.0991	0.8207
2017-06-26 08:45:00	30.0549	74.6540	2.2437	0.0000	0.0000	14.0991	0.8221
2017-06-26 09:00:00	30.2979	78.2659	2.3713	0.0000	0.0000	14.0991	0.8287
2017-06-26 09:15:00	30.2219	82.9301	2.5063	0.0000	0.0000	14.0991	0.8266
2017-06-26 09:30:00	30.2949	85.6743	2.5955	0.0000	0.0000	14.0991	0.8286
2017-06-26 09:45:00	30.2382	66.8385	2.0211	0.0000	0.0000	14.5386	0.8529
2017-06-26 10:00:00	30.1437	70.4720	2.1243	0.0000	0.0000	15.0067	0.8776
2017-06-26 10:15:00	30.0067	70.4415	2.1137	0.8061	0.0242	15.1062	0.8794
2017-06-26 10:30:00	29.8854	74.7210	2.2331	0.0000	0.0000	14.9689	0.8679
2017-06-26 10:45:00	30.0712	75.6156	2.2739	0.0000	0.0000	14.5569	0.8492
2017-06-26 11:00:00	30.2121	67.7819	2.0478	0.0000	0.0000	14.1998	0.8323
2017-06-26 11:15:00	30.2481	76.7607	2.3219	0.0000	0.0000	13.9978	0.8214
2017-06-26 11:30:00	30.2382	80.5432	2.4355	0.0000	0.0000	13.2401	0.7767
2017-06-26 11:45:00	30.1586 29.8754	66.1676 68.5378	1.9955 2.0476	0.0000	0.0000	13.4893 13.3084	0.7892 0.7713
2017-06-26 12:00:00	29.8679		1.9222	0.0000	0.0000	12.8326	0.7436
2017-06-26 12:15:00 2017-06-26 12:30:00	29.7548	64.3583 68.3087	2.0325	0.0000	0.0000	13.8308	0.7436
2017-06-26 12:45:00	29.6864	56.5046	1.6774	0.0000	0.0000	14.1990	0.8177
2017-06-26 13:00:00	29.6883	80.0750	2.3773	0.0000	0.0000	13.5498	0.7804
2017-06-26 13:15:00	29.6813	57.0884	1.6945	0.0000	0.0000	13.0737	0.7528
2017-06-26 13:30:00	29.7627	78.9693	2.3503	0.0000	0.0000	12.4791	0.7205
2017-06-26 13:45:00	29.8104	70.6090	2.1049	0.0000	0.0000	12.1195	0.7009
2017-06-26 14:00:00	29.7451	66.4313	1.9760	0.0000	0.0000	12.0850	0.6974
2017-06-26 14:15:00	29.5427	69.0346	2.0395	0.0000	0.0000	12.0007	0.6878
2017-06-26 14:30:00	29.6078	78.8996	2.3360	0.0000	0.0000	11.2241	0.6447
2017-06-26 14:45:00	29.7297	69.3688	2.0623	0.0000	0.0000	11.0004	0.6345
2017-06-26 15:00:00	29.8073	65.2512	1.9450	0.0000	0.0000	11.0779	0.6406
2017-06-26 15:15:00	29.7360	70.1129	2.0849	0.0000	0.0000	11.0779	0.6391
2017-06-26 15:30:00	29.5155	71.1534	2.1001	0.0000	0.0000	11.0779	0.6343
2017-06-26 15:45:00	29.4493	70.7081	2.0823	0.0000	0.0000	11.0779	0.6329
2017-06-26 16:00:00	29.5515	72.4958	2.1424	0.0000	0.0000	10.9283	0.6265
2017-06-26 16:15:00	29.4821	71.4435	2.1063	0.0000	0.0000	10.7788	0.6165
2017-06-26 16:30:00	29.4886	78.4685	2.3139	0.0000	0.0000	10.8020	0.6180
2017-06-26 16:45:00	29.7176	59.3272	1.7631	0.0000	0.0000	10.8258	0.6241
2017-06-26 17:00:00	30.1662	72.2606	2.1798	0.0000	0.0000	10.5286	0.6162
2017-06-26 17:15:00	30.1561	70.0287	2.1118	0.0000	0.0000	11.0333	0.6455
2017-06-26 17:30:00	29.9917	73.5407	2.2056	0.0000	0.0000	11.0779	0.6446
2017-06-26 17:45:00	29.8546	64.0181	1.9112	0.0000	0.0000	11.4530	0.6633
2017-06-26 18:00:00	29.9732	67.2805	2.0166	0.0000	0.0000	12.1587	0.7070
2017-06-26 18:15:00	29.8193	67.6269	2.0166	0.0000	0.0000	12.5427	0.7256
2017-06-26 18:30:00	29.7924	68.9288	2.0536	0.0000	0.0000	13.0292	0.7531
2017-06-26 18:45:00	29.9426	68.9119 75.6931	2.0634	0.0000	0.0000	13.2792	0.7714
2017-06-26 19:00:00	29.9736	75.6931 38.8453	2.2688	0.0000	0.0000	13.4140 13.2975	0.7800
2017-06-26 19:15:00 2017-06-26 19:30:00	29.8869 29.6943	38.8453 53.8942	1.1610 1.6003	0.4599 0.4568	0.0137 0.0136	13.2975	0.7710 0.8091
2017-06-26 19:30:00	29.5943 29.7028	25.7972	0.7662	0.4568 4.8146	0.0136	13.5498	0.8091
2017-06-26 19:45:00	29.5081	41.4791	1.2240	1.2172	0.1430	13.5498	0.7757
2017-06-26 20:00:00	29.7820	132.8274	3.9559	0.0044	0.0001	13.5498	0.7757
2017-06-26 20:30:00	29.7734	266.7322	7.9415	0.0000	0.0001	13.1780	0.7612
2017-06-26 20:45:00	29.5397	115.6697	3.4169	0.0000	0.0000	14.0833	0.8071
2017-06-26 21:00:00	29.3587	28.7852	0.8451	0.0052	0.0002	13.8032	0.7862
2017-06-26 21:15:00	29.4316	75.2730	2.2154	0.0000	0.0000	13.5498	0.7737
2017-06-26 21:30:00	29.4263	69.7656	2.0529	0.0000	0.0000	13.6578	0.7797

		Point Source Air E	missions - A2 Nitric	Acid Stack				
Parameter	Volumetric Flow Rate		Ох	NH3		N	20	
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s	
2017-06-26 21:45:00	29.6011	70.4901	2.0866	0.0000	0.0000	14.0991	0.8097	
2017-06-26 22:00:00	29.5783	67.2914	1.9904	0.0000	0.0000	14.2192	0.8159	
2017-06-26 22:15:00	29.9778	70.4959	2.1133	0.0000	0.0000	14.5569	0.8466	
2017-06-26 22:30:00	30.2572	74.4712	2.2533	0.0000	0.0000	14.4699	0.8494	
2017-06-26 22:45:00	30.2492	80.0716	2.4221	0.0000	0.0000	13.8177	0.8109	
2017-06-26 23:00:00	30.2249	76.5617	2.3141	0.0000	0.0000	13.1968	0.7738	
2017-06-26 23:15:00 2017-06-26 23:30:00	30.0480 30.1812	70.8670	2.1294	0.0000 0.0000	0.0000	13.3265	0.7768	
2017-06-26 23:30:00	30.1812	68.7460 72.2778	2.0748 2.1912	0.0000	0.0000 0.0000	13.9124 13.7816	0.8146 0.8105	
2017-06-26 23:45:00	30.2789	72.3733	2.1912	0.0000	0.0000	13.5498	0.8105	
2017-06-27 00:00:00	30.2534	74.0998	2.2418	0.0000	0.0000	13.5498	0.7953	
2017-06-27 00:13:00	30.0869	69.9544	2.1047	0.0000	0.0000	13.6865	0.7989	
2017-06-27 00:45:00	30.3481	72.7331	2.2073	0.0005	0.0000	14.0527	0.8274	
2017-06-27 01:00:00	30.2179	66.0888	1.9971	0.0028	0.0001	13.5498	0.7943	
2017-06-27 01:15:00	30.3595	76.6521	2.3271	0.0020	0.0001	13.4527	0.7923	
2017-06-27 01:30:00	30.3181	78.5418	2.3812	0.0196	0.0006	13.1526	0.7736	
2017-06-27 01:45:00	30.2631	54.9224	1.6621	0.0007	0.0000	13.0920	0.7686	
2017-06-27 02:00:00	30.1249	71.4613	2.1528	0.0080	0.0002	13.0243	0.7612	
2017-06-27 02:15:00	29.8129	73.1631	2.1812	0.0035	0.0001	12.5427	0.7254	
2017-06-27 02:30:00	29.4669	71.5871	2.1095	0.0002	0.0000	12.5427	0.7170	
2017-06-27 02:45:00	29.4479	73.8012	2.1733	0.0000	0.0000	12.9999	0.7427	
2017-06-27 03:00:00	29.6318	71.2032	2.1099	0.0000	0.0000	12.5427	0.7210	
2017-06-27 03:15:00	29.4315	79.1015	2.3281	0.0000	0.0000	13.0493	0.7451	
2017-06-27 03:30:00	29.3862	21.9829	0.6460	0.0000	0.0000	13.0920	0.7464	
2017-06-27 03:45:00	29.5249	86.9165	2.5662	0.0000	0.0000	13.0920	0.7499	
2017-06-27 04:00:00	29.5835	48.8555	1.4453	0.0000	0.0000	13.5840	0.7796	
2017-06-27 04:15:00	29.5331	88.6541	2.6182	0.0000	0.0000	13.6414	0.7816	
2017-06-27 04:30:00	29.5678	78.3583	2.3169	0.0000	0.0000	13.1433	0.7539	
2017-06-27 04:45:00	29.5943	22.3852	0.6625	8.1172	0.2402	13.3270	0.7651	
2017-06-27 05:00:00	29.7789	2.0010	0.0596	8.2095	0.2445	13.5498	0.7828	
2017-06-27 05:15:00	29.2734	21.3240	0.6242	0.9090	0.0266	13.8646	0.7874	
2017-06-27 05:30:00	29.2299	64.5394	1.8865	0.5350	0.0156	13.6414	0.7735	
2017-06-27 05:45:00	29.1893	4.2434	0.1239	2.4087	0.0703	13.3026	0.7533	
2017-06-27 06:00:00	29.2383	72.4726	2.1190	0.0042	0.0001	12.5739	0.7132	
2017-06-27 06:15:00	29.4429	33.7349	0.9933	0.0001	0.0000	12.7045	0.7257	
2017-06-27 06:30:00	29.6799	75.8483	2.2512	0.0034	0.0001	13.2512	0.7630	
2017-06-27 06:45:00	30.1394	72.2466	2.1775	0.0000	0.0000	13.2075	0.7722	
2017-06-27 07:00:00	30.3204	73.3361	2.2236	0.0151	0.0005	12.5427	0.7378	
2017-06-27 07:15:00	30.2948	72.2600	2.1891	0.0007	0.0000	12.5427	0.7372	
2017-06-27 07:30:00	30.3292	67.6590	2.0520	0.0007	0.0000	12.9364	0.7612	
2017-06-27 07:45:00	30.3778	65.8815	2.0013	0.0007	0.0000	13.0920	0.7716	
2017-06-27 08:00:00	30.3452	70.2222	2.1309	0.0007	0.0000	13.0920	0.7707	
2017-06-27 08:15:00	30.1100	57.5141	1.7318	0.0007	0.0000	13.0157	0.7603	
2017-06-27 08:30:00	29.9249	79.1739	2.3693	0.0007	0.0000	12.5427	0.7282	
2017-06-27 08:45:00	29.8202	84.6080	2.5230	0.0007	0.0000	12.5427	0.7256	
2017-06-27 09:00:00	29.8751	76.4902	2.2852	0.0007	0.0000	12.5500	0.7274	
2017-06-27 09:15:00	29.8801	68.3332	2.0418	0.0071	0.0002	13.0920	0.7589	
2017-06-27 09:30:00	29.8891	71.8973	2.1489	0.0317	0.0009	13.0920	0.7591	
2017-06-27 09:45:00	29.6209	78.0735	2.3126	0.0007	0.0000	12.4668	0.7164	
2017-06-27 10:00:00	29.5551	77.7070	2.2966	0.0007	0.0000	12.5305	0.7185	
2017-06-27 10:15:00	29.4914	69.5139	2.0501	0.7773	0.0229	12.5036	0.7154	
2017-06-27 10:30:00	29.6892	69.9789	2.0776	0.0000	0.0000	12.6636	0.7294	
2017-06-27 10:45:00	29.7620	73.3443	2.1829	0.0000	0.0000	12.7258	0.7348	
2017-06-27 11:00:00	29.8327	64.6338	1.9282	0.0000	0.0000	12.3759	0.7163	
2017-06-27 11:15:00	29.8814	82.4046	2.4624	0.0000	0.0000	11.9177	0.6909	
2017-06-27 11:30:00	30.0094	67.1952	2.0165	0.0000	0.0000	11.9269	0.6944	
2017-06-27 11:45:00	30.2146	72.5728	2.1928	0.0000	0.0000	12.0850	0.7084	
2017-06-27 12:00:00	30.1757	77.2205	2.3302	0.0000	0.0000	11.9482	0.6995	
2017-06-27 12:15:00	30.2646	76.9502 66.3413	2.3289	0.0000	0.0000	11.5356	0.6773	
2017-06-27 12:30:00	30.4285	66.3413	2.0187	0.0000	0.0000	12.2235	0.7216	
2017-06-27 12:45:00 2017-06-27 13:00:00	30.4545 30.2909	78.2180 71.7668	2.3821 2.1739	0.0000 0.0000	0.0000 0.0000	11.8432 11.5356	0.6997 0.6779	
2017-06-27 13:00:00	30.3547	71.7668	2.1739	0.0000	0.0000	11.5356	0.6779	
2017-06-27 13:15:00	30.5120	76.5728	2.3364	0.0000	0.0000	11.1776	0.6793	
2017-06-27 13:30:00	30.3077	77.0961	2.3364	0.0000	0.0000	10.7776	0.6337	
2017-06-27 13:45:00	30.1863	70.0748	2.3366	0.0000	0.0000	10.5286	0.6337	
2017-06-27 14:05:00	30.2798	69.9873	2.1192	0.0000	0.0000	10.5286	0.6185	
2017-06-27 14:13:00	30.5929	75.9129	2.3224	0.0000	0.0000	10.5286	0.6249	
2017-06-27 14:45:00	30.7507	72.8371	2.2398	0.0000	0.0000	10.5286	0.6281	
2017-06-27 15:00:00	30.6836	74.4117	2.2832	0.0000	0.0000	10.5108	0.6257	
2017-06-27 15:00:00	30.4226	75.9932	2.3119	0.0001	0.0000	10.4253	0.6153	
2017-06-27 15:30:00	30.3772	73.9932	2.1951	0.0001	0.0000	10.1430	0.5977	
	33.3772			3.3000	3.3000	10.1450	1 0.55,,	
	30.3813	71,5472	2,1737	0.0005	0.0000	10,1227	0.5966	
2017-06-27 15:35:00 2017-06-27 15:45:00 2017-06-27 16:00:00	30.3813 30.3706	71.5472 72.2680	2.1737 2.1948	0.0005 0.0089	0.0000 0.0003	10.1227 10.2748	0.5966 0.6054	

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-27 16:30:00	29.5366	70.6275	2.0861	0.0010	0.0000	10.0708	0.5771
2017-06-27 16:45:00	29.7462	69.3127	2.0618	0.0094	0.0003	10.0708	0.5812
2017-06-27 17:00:00	29.8555	71.7848	2.1432	0.0066	0.0002	10.0708	0.5833
2017-06-27 17:15:00	30.2185	72.7658	2.1989	0.0655	0.0020	10.1644	0.5959
2017-06-27 17:30:00	30.1430	69.4639	2.0938	0.1856	0.0056	10.5518	0.6170
2017-06-27 17:45:00	30.4247	68.9627	2.0982	0.1493	0.0045	10.8540	0.6406
2017-06-27 18:00:00	30.4002	70.1634	2.1330	0.0827	0.0025	11.0182	0.6498
2017-06-27 18:15:00	30.4237	67.0037	2.0385	0.0181	0.0006	10.9540	0.6465
2017-06-27 18:30:00	30.0354	70.9447	2.1309	0.0000	0.0000	10.9711	0.6393
2017-06-27 18:45:00	29.9699	75.0986	2.2507	0.0000	0.0000	11.0779	0.6441
2017-06-27 19:00:00	30.1926	68.0306	2.0540	0.0000	0.0000	11.4370	0.6699
2017-06-27 19:15:00	30.4444	71.9229	2.1896	0.0000	0.0000	11.8958	0.7026
2017-06-27 19:30:00	30.4657	73.8658	2.2504	0.0000	0.0000	12.6609	0.7483
2017-06-27 19:45:00	30.5875	66.6045	2.0373	0.0000	0.0000	12.4695	0.7399
2017-06-27 20:00:00	30.3417	72.7587	2.2076	0.0000	0.0000	12.5427	0.7383
2017-06-27 20:15:00	30.2964	77.8673	2.3591	0.0000	0.0000	12.2935	0.7225
2017-06-27 20:30:00	30.2449	78.2087	2.3654	0.0000	0.0000	12.0900	0.7094
2017-06-27 20:45:00	30.4029	77.4554	2.3549	0.0000	0.0000	12.0850	0.7128
2017-06-27 21:00:00	30.4856	69.8239	2.1286	0.0000	0.0000	12.0850	0.7147
2017-06-27 21:15:00	30.5367	77.9531	2.3804	0.0000	0.0000	12.0850	0.7159
2017-06-27 21:30:00	30.3960	74.8539	2.2753	0.0000	0.0000	11.7499	0.6929
2017-06-27 21:45:00	30.3173	69.8631	2.1181	0.0011	0.0000	11.5356	0.6785
2017-06-27 22:00:00 2017-06-27 22:15:00	30.4140 30.3947	72.3052 70.0198	2.1991 2.1282	0.0035 0.0000	0.0001 0.0000	11.5356	0.6806 0.6802
2017-06-27 22:15:00 2017-06-27 22:30:00	30.3947 30.0356	70.0198 79.4079	2.1282 2.3851	0.0000	0.0000	11.5356 11.5570	0.6802 0.6734
2017-06-27 22:30:00 2017-06-27 22:45:00	30.0356 29.9138	79.4079 69.4073	2.3851 2.0762	0.0062	0.0002	11.5570	0.6734
2017-06-27 22:45:00 2017-06-27 23:00:00	29.9138	69.4073 71.6254	2.0762	0.0042	0.0001	11.8573 12.0471	0.6881
2017-06-27 23:00:00	29.4704	78.0731	2.3008	0.0001	0.0000	12.0471	0.6937
2017-06-27 23:13:00	29.4742	72.6002	2.1398	0.0001	0.0000	12.0850	0.6909
2017-06-27 23:45:00	29.6170	70.1296	2.0770	0.0000	0.0000	12.0850	0.6944
2017-06-28 00:00:00	29.6472	75.5566	2.2400	0.0001	0.0000	12.0850	0.6951
2017-06-28 00:05:00	29.6238	71.9358	2.1310	0.0001	0.0000	12.0850	0.6945
2017-06-28 00:13:00	29.6522	67.7772	2.0097	0.0000	0.0000	12.0850	0.6952
2017-06-28 00:35:00	29.6364	74.9690	2.2218	0.0000	0.0000	12.0275	0.6915
2017-06-28 01:00:00	29.6208	70.0566	2.0751	0.0000	0.0000	12.0850	0.6945
2017-06-28 01:15:00	29.6273	74.9550	2.2207	0.0000	0.0000	12.0850	0.6946
2017-06-28 01:30:00	29.6450	77.6525	2.3020	0.0000	0.0000	12.0850	0.6950
2017-06-28 01:45:00	29.6920	77.1992	2.2922	0.0000	0.0000	11.8888	0.6848
2017-06-28 02:00:00	29.7134	266.4196	7.9162	0.0000	0.0000	11.8077	0.6806
2017-06-28 02:15:00	29.8689	695.6184	20.7773	0.0000	0.0000	11.9521	0.6926
2017-06-28 02:30:00	29.8426	144.4583	4.3110	0.0267	0.0008	11.9155	0.6898
2017-06-28 02:45:00	29.7997	34.6876	1.0337	0.9100	0.0271	12.2538	0.7084
2017-06-28 03:00:00	30.0183	80.7908	2.4252	0.0055	0.0002	12.0982	0.7045
2017-06-28 03:15:00	29.9774	93.0665	2.7899	0.0000	0.0000	11.6268	0.6762
2017-06-28 03:30:00	30.2271	40.3364	1.2193	0.0000	0.0000	12.0850	0.7087
2017-06-28 03:45:00	30.2316	32.7071	0.9888	0.0000	0.0000	12.0850	0.7088
2017-06-28 04:00:00	30.3215	28.1792	0.8544	0.0031	0.0001	12.0880	0.7111
2017-06-28 04:15:00	30.2081	22.2173	0.6711	0.4550	0.0137	12.8132	0.7509
2017-06-28 04:30:00	30.3296	18.1251	0.5497	0.9375	0.0284	12.6815	0.7462
2017-06-28 04:45:00	30.1766	18.9708	0.5725	0.0176	0.0005	12.5427	0.7343
2017-06-28 05:00:00	30.1402	24.6806	0.7439	0.0000	0.0000	12.5427	0.7334
2017-06-28 05:15:00	30.0880	41.5042	1.2488	0.0000	0.0000	12.5429	0.7321
2017-06-28 05:30:00	30.0600	62.7118	1.8851	0.0000	0.0000	12.4677	0.7271
2017-06-28 05:45:00	29.9855	71.7051	2.1501	0.0000	0.0000	12.5431	0.7297
2017-06-28 06:00:00	30.0266	70.2191	2.1084	0.0000	0.0000	12.5438	0.7307
2017-06-28 06:15:00	29.8317	70.2057	2.0944	0.0000	0.0000	12.5430	0.7259
2017-06-28 06:30:00	29.9713	71.0472	2.1294	0.0000	0.0000	12.7567	0.7417
2017-06-28 06:45:00	30.0445	67.4001	2.0250	0.0000	0.0000	13.0920	0.7631
2017-06-28 07:00:00	30.0553	70.7472	2.1263	0.0000	0.0000	13.0920	0.7634
2017-06-28 07:15:00	29.9465	71.2749	2.1344	0.0000	0.0000	13.0920	0.7606
2017-06-28 07:30:00	30.1116	72.5884	2.1858	0.0000	0.0000	13.0920	0.7648
2017-06-28 07:45:00	30.0127	70.2320	2.1079	0.0024	0.0001	13.0740	0.7612
2017-06-28 08:00:00	29.9483	71.4239	2.1390	0.0000	0.0000	13.0029	0.7555
2017-06-28 08:15:00	30.0464	73.2020	2.1995	0.0000	0.0000	12.7099	0.7409
2017-06-28 08:30:00	30.2370	71.6922	2.1678	0.0000	0.0000	13.0055	0.7629
2017-06-28 08:45:00	30.1613	70.8719	2.1376	0.0000	0.0000	12.5593	0.7349
2017-06-28 09:00:00	30.0979	72.7311	2.1891	0.0000	0.0000	12.5583	0.7333
2017-06-28 09:15:00	29.8525	73.2588	2.1870	0.0000	0.0000	12.5454	0.7266
2017-06-28 09:30:00	29.8675	72.5904	2.1681	0.0000	0.0000	12.2981	0.7126
2017-06-28 09:45:00	29.8917	70.6145	2.1108	0.0000	0.0000	12.5427	0.7274
2017-06-28 10:00:00	29.8442	70.2452	2.0964	0.0000	0.0000	12.4161	0.7189
2017-06-28 10:15:00	29.8215	71.4059	2.1294	0.7872	0.0235	12.2147	0.7067
	30.1029	74.5584	2.2444	0.0000	0.0000	12.0850	0.7058
2017-06-28 10:30:00	30.1023						
2017-06-28 10:30:00 2017-06-28 10:45:00	29.8951	70.1107	2.0960	0.0000	0.0000	11.9745	0.6945

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-28 11:15:00	29.9350	71.9097	2.1526	0.0000	0.0000	11.5356	0.6699
2017-06-28 11:30:00	29.8632	70.7368	2.1124	0.0000	0.0000	11.5356	0.6683
2017-06-28 11:45:00	29.8715	71.6873	2.1414	0.0000	0.0000	11.9128	0.6904
2017-06-28 12:00:00	29.9454	67.5613	2.0231	0.0000	0.0000	11.6272	0.6755
2017-06-28 12:15:00	29.8623	71.7617	2.1430	0.0000	0.0000	11.5356	0.6683
2017-06-28 12:30:00	29.8613	73.1395	2.1840	0.0000	0.0000	11.5356	0.6683
2017-06-28 12:45:00	29.9303	73.7061	2.2060	0.0000	0.0000	11.5356	0.6698
2017-06-28 13:00:00	29.9635	71.5147	2.1428	0.0000	0.0000	11.5356	0.6706
2017-06-28 13:15:00	30.0057	74.0947	2.2233	0.1134	0.0034	11.1384	0.6484
2017-06-28 13:30:00	30.0459	70.8192	2.1278	0.0000	0.0000	11.4095	0.6650
2017-06-28 13:45:00	29.9740	74.5001	2.2331	0.0000	0.0000	11.0779	0.6442
2017-06-28 14:00:00	29.8458	75.7806	2.2617	0.0000	0.0000	11.0779	0.6414
2017-06-28 14:15:00	29.9375	75.0530	2.2469	0.0000	0.0000	11.0071	0.6393
2017-06-28 14:30:00	29.9306	72.4043	2.1671	0.0000	0.0000	11.0779	0.6432
2017-06-28 14:45:00	30.1700	72.7494	2.1949	0.0000	0.0000	11.0779	0.6484
2017-06-28 15:00:00	30.0939	71.1558	2.1414	0.0000	0.0000	10.9448	0.6390
2017-06-28 15:15:00	29.9065	77.9793	2.3321 2.1379	0.0000 0.0000	0.0000 0.0000	10.8698	0.6306
2017-06-28 15:30:00	29.8373	71.6521	2.1379	0.0000	0.0000	10.5464 10.5286	0.6105
2017-06-28 15:45:00	29.7625	69.1221					0.6079
2017-06-28 16:00:00	29.7245 29.7452	72.8767 71.8881	2.1662 2.1383	0.0000 0.0006	0.0000 0.0000	10.5286 10.6683	0.6071
2017-06-28 16:15:00 2017-06-28 16:30:00	29.7452 29.7879	71.8881 75.2654	2.1383 2.2420	0.0006	0.0000	10.6683	0.6156 0.6084
2017-06-28 16:30:00	29.7879	73.2654	2.2420	0.0000	0.0000	10.5286	0.6063
2017-06-28 16:45:00 2017-06-28 17:00:00	29.6824	73.2292	2.1736	0.0000	0.0000	10.5286	0.6063
2017-06-28 17:00:00	29.5320	71.8258	2.1212	0.0000	0.0000	10.8557	0.6219
2017-06-28 17:13:00	29.5730	74.1020	2.1212	0.0000	0.0000	11.0022	0.6219
2017-06-28 17:30:00	29.5290	66.7953	1.9724	0.0000	0.0000	10.9613	0.6312
2017-06-28 17:43:00	29.5729	70.4843	2.0844	0.0000	0.0000	11.0779	0.6356
2017-06-28 18:00:00	29.6191	70.1291	2.0772	0.0000	0.0000	11.0779	0.6365
2017-06-28 18:30:00	29.6238	72.0818	2.1353	0.0000	0.0000	11.0779	0.6366
2017-06-28 18:45:00	29.5808	67.9774	2.0108	0.0000	0.0000	11.0779	0.6357
2017-06-28 19:00:00	29.6610	71.7200	2.1273	0.0000	0.0000	11.3490	0.6530
2017-06-28 19:15:00	29.6454	69.6021	2.0634	0.0000	0.0000	11.5072	0.6618
2017-06-28 19:30:00	29.6218	73.5489	2.1787	0.0000	0.0000	11.5356	0.6629
2017-06-28 19:45:00	29.6512	67.3896	1.9982	0.0000	0.0000	11.5356	0.6636
2017-06-28 20:00:00	29.7070	70.1995	2.0854	0.0000	0.0000	11.5356	0.6648
2017-06-28 20:15:00	29.7544	74.2447	2.2091	0.0000	0.0000	11.5411	0.6662
2017-06-28 20:30:00	29.7664	72.9023	2.1700	0.0000	0.0000	11.8916	0.6867
2017-06-28 20:45:00	29.8101	68.9123	2.0543	0.0000	0.0000	11.5359	0.6671
2017-06-28 21:00:00	29.6612	73.1029	2.1683	0.0000	0.0000	11.6182	0.6685
2017-06-28 21:15:00	29.6738	71.3589	2.1175	0.0000	0.0000	11.5359	0.6641
2017-06-28 21:30:00	29.6999	74.0060	2.1980	0.0000	0.0000	11.5364	0.6647
2017-06-28 21:45:00	29.6440	68.5231	2.0313	0.0000	0.0000	11.5365	0.6635
2017-06-28 22:00:00	29.6175	70.4264	2.0859	0.0000	0.0000	11.5380	0.6629
2017-06-28 22:15:00	29.6287	72.1221	2.1369	0.0000	0.0000	11.5439	0.6635
2017-06-28 22:30:00	29.5104	74.5057	2.1987	0.0000	0.0000	11.5477	0.6611
2017-06-28 22:45:00	29.5102	68.1640	2.0115	0.0000	0.0000	11.5454	0.6610
2017-06-28 23:00:00	29.6084	71.3371	2.1122	0.0000	0.0000	11.5572	0.6638
2017-06-28 23:15:00	29.6590	70.7702	2.0990	0.0000	0.0000	11.5447	0.6643
2017-06-28 23:30:00	29.6568	73.9083	2.1919	0.0000	0.0000	11.5422	0.6641
2017-06-28 23:45:00	29.7837	67.9583	2.0240	0.0000	0.0000	11.5390	0.6667
2017-06-29 00:00:00	29.8403	69.9370	2.0869	0.0000	0.0000	11.5402	0.6681
2017-06-29 00:15:00	29.8321	71.4735	2.1322	0.0000	0.0000	11.5421	0.6680
2017-06-29 00:30:00	29.8756	72.7414	2.1732	0.0000	0.0000	11.5453	0.6691
2017-06-29 00:45:00	29.8804	68.9551	2.0604	0.0000	0.0000	11.5459	0.6693
2017-06-29 01:00:00	29.9300	71.2531	2.1326	0.0000	0.0000	11.5463	0.6704
2017-06-29 01:15:00	29.7952	70.8862	2.1121	0.0000	0.0000	11.5455	0.6674
2017-06-29 01:30:00	29.7393	71.9489	2.1397	0.0000	0.0000	11.5453	0.6661
2017-06-29 01:45:00	29.7394	64.3047	1.9124	0.0000	0.0000	11.5457	0.6661
2017-06-29 02:00:00	29.7938	65.8063	1.9606	0.0000	0.0000	11.5456	0.6673
2017-06-29 02:15:00	29.8541	76.5392	2.2850	0.0000	0.0000	11.6390	0.6741
2017-06-29 02:30:00	30.1143	76.8558	2.3145	0.0000	0.0000	12.0571	0.7044
2017-06-29 02:45:00	29.9688	71.5931	2.1456	0.0000	0.0000	12.0850	0.7026
2017-06-29 03:00:00	29.9494	70.0848	2.0990	0.0000	0.0000	12.0850	0.7022
2017-06-29 03:15:00	29.9497	72.9794	2.1857	0.0000	0.0000	11.8443	0.6882
2017-06-29 03:30:00	29.8431	70.9735	2.1181	0.0000	0.0000	11.7880	0.6825
2017-06-29 03:45:00	29.9325	73.3254	2.1948	0.0000	0.0000	11.8349	0.6872
2017-06-29 04:00:00	30.0753	68.6908	2.0659	0.0000	0.0000	11.8322	0.6904
2017-06-29 04:15:00	30.0664	73.8767	2.2212	0.0000	0.0000	12.1984	0.7115
2017-06-29 04:30:00	29.9690	69.7175	2.0894	0.0000	0.0000	12.0850	0.7026
2017-06-29 04:45:00	30.0652	70.4634	2.1185	0.0000	0.0000	12.0850	0.7049
2017-06-29 05:00:00	29.9966	71.3164	2.1393	0.0000	0.0000	12.0850	0.7033
2017-06-29 05:15:00	30.0724	70.3335	2.1151	0.0000	0.0000	12.0850	0.7050
2017-06-29 05:30:00	29.9254	71.8801	2.1510	0.0000	0.0000	12.0850	0.7016
	29.8985	76.5744	2.2895	0.0000			

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-29 06:00:00	29.7861	73.9250	2.2019	0.0000	0.0000	12.0850	0.6983
2017-06-29 06:15:00	29.8036	69.7489	2.0788	0.0000	0.0000	12.0850	0.6987
2017-06-29 06:30:00	29.8823	70.9211	2.1193	0.0000	0.0000	12.0850	0.7006
2017-06-29 06:45:00	29.8713	68.9364	2.0592	0.0000	0.0000	12.2834	0.7118
2017-06-29 07:00:00	29.8853	71.2032	2.1279	0.0000	0.0000	12.5551	0.7279
2017-06-29 07:15:00	29.7399	72.6093	2.1594	0.0000	0.0000	12.5573	0.7245
2017-06-29 07:30:00	29.8846	71.7826	2.1452	0.0000	0.0000	12.5597	0.7282
2017-06-29 07:45:00	29.8776	72.2206	2.1578	0.0000	0.0000	12.2655	0.7109
2017-06-29 08:00:00	29.6940	69.5404	2.0649	0.0000	0.0000	12.4839	0.7192
2017-06-29 08:15:00	29.8485	74.0051	2.2089	0.0000	0.0000	12.2303	0.7082
2017-06-29 08:30:00	29.8759	68.2818	2.0400	0.0000	0.0000	12.5595	0.7279
2017-06-29 08:45:00	29.7158	71.9051	2.1367	0.0000	0.0000	12.5554	0.7238
2017-06-29 09:00:00	30.0473	70.8639	2.1293	0.0000	0.0000	12.3851	0.7219
2017-06-29 09:15:00	29.8677	65.0034	1.9415	0.0000	0.0000	12.5303	0.7260
2017-06-29 09:30:00	29.9861	67.7576	2.0318	0.0000	0.0000	12.4678	0.7253
2017-06-29 09:45:00	30.0236	71.4542	2.1453	0.0000	0.0000	12.3341	0.7184
2017-06-29 10:00:00	30.5923	71.3664 69.9978	2.1833	0.0013 0.8043	0.0000 0.0243	12.0850 12.0850	0.7172
2017-06-29 10:15:00	30.2676	69.9978 71.4446	2.1187				0.7096
2017-06-29 10:30:00	30.4453		2.1752	0.0000	0.0000	12.0850	0.7138
2017-06-29 10:45:00	30.7884	69.2592	2.1324	0.0000	0.0000	12.0850	0.7218
2017-06-29 11:00:00	30.6438	69.6573	2.1346	0.0000	0.0000	12.0850	0.7184
2017-06-29 11:15:00	30.4180 30.1446	70.6491 73.0640	2.1490 2.2025	0.0000 0.0000	0.0000 0.0000	12.0361 11.5356	0.7103 0.6746
2017-06-29 11:30:00							
2017-06-29 11:45:00 2017-06-29 12:00:00	29.7816 29.8061	71.3146 66.7067	2.1239 1.9883	0.0000 0.0000	0.0000 0.0000	11.5356 11.0278	0.6665 0.6377
2017-06-29 12:00:00	29.8831	71.0224	2.1224	0.0000	0.0000	10.4950	0.6377
	29.7991		2.1224	0.0000	0.0000	10.4604	
2017-06-29 12:30:00		76.1415 69.9708	2.0895	0.0000	0.0000	10.5286	0.6047 0.6100
2017-06-29 12:45:00 2017-06-29 13:00:00	29.8628 29.8907	72.1364	2.0893	0.0000	0.0000	10.5286	0.6100
2017-06-29 13:15:00	29.8218	74.8546	2.2323	0.0000	0.0000	10.5025	0.6076
2017-06-29 13:30:00	29.8336	75.1066	2.2407	0.0000	0.0000	10.0708	0.5829
2017-06-29 13:45:00	29.7720	76.4265	2.2754	0.0000	0.0000	10.0708	0.5817
2017-06-29 14:00:00	29.5727	70.4203	2.1298	0.0000	0.0000	10.0037	0.5739
2017-06-29 14:15:00	29.6181	73.2172	2.1686	0.0000	0.0000	9.5898	0.5510
2017-06-29 14:30:00	29.7230	74.2356	2.2065	0.0000	0.0000	9.5215	0.5490
2017-06-29 14:45:00	29.8162	72.9110	2.1739	0.0000	0.0000	9.5215	0.5508
2017-06-29 15:00:00	29.7658	72.8048	2.1671	0.0000	0.0000	9.5215	0.5498
2017-06-29 15:15:00	29.5342	73.3073	2.1651	0.0000	0.0000	9.5215	0.5455
2017-06-29 15:30:00	29.4960	75.6063	2.2301	0.0000	0.0000	9.3002	0.5322
2017-06-29 15:45:00	29.4431	80.3379	2.3654	0.0000	0.0000	9.4549	0.5401
2017-06-29 16:00:00	29.4284	72.1613	2.1236	0.0000	0.0000	9.4187	0.5377
2017-06-29 16:15:00	29.5097	73.5046	2.1691	0.0000	0.0000	9.1029	0.5211
2017-06-29 16:30:00	29.5124	70.4816	2.0801	0.0000	0.0000	9.3180	0.5335
2017-06-29 16:45:00	29.5259	72.2003	2.1318	0.0000	0.0000	9.2051	0.5273
2017-06-29 17:00:00	29.4978	71.7167	2.1155	0.0000	0.0000	9.5215	0.5449
2017-06-29 17:15:00	29.5818	71.6918	2.1208	0.0000	0.0000	9.5215	0.5464
2017-06-29 17:30:00	29.6319	69.2606	2.0523	0.0000	0.0000	9.5215	0.5474
2017-06-29 17:45:00	29.6146	70.4113	2.0852	0.0000	0.0000	9.5880	0.5509
2017-06-29 18:00:00	29.5099	69.6293	2.0548	0.0000	0.0000	9.8553	0.5642
2017-06-29 18:15:00	29.5359	70.8686	2.0932	0.0000	0.0000	9.7888	0.5609
2017-06-29 18:30:00	29.8179	68.5915	2.0453	0.0000	0.0000	10.1981	0.5899
2017-06-29 18:45:00	29.9789	68.8161	2.0630	0.0000	0.0000	10.5287	0.6123
2017-06-29 19:00:00	30.2924	73.0580	2.2131	0.0000	0.0000	10.6292	0.6246
2017-06-29 19:15:00	30.2743	73.3512	2.2207	0.0000	0.0000	11.0779	0.6506
2017-06-29 19:30:00	30.0846	68.7605	2.0686	0.0000	0.0000	10.7816	0.6293
2017-06-29 19:45:00	29.9040	73.5422	2.1992	0.0000	0.0000	10.5287	0.6108
2017-06-29 20:00:00	30.0673	69.6342	2.0937	0.0000	0.0000	10.5292	0.6142
2017-06-29 20:15:00	30.1280	84.5887	2.5485	0.0000	0.0000	10.8421	0.6337
2017-06-29 20:30:00	29.9912	59.2085	1.7757	0.0000	0.0000	10.9726	0.6384
2017-06-29 20:45:00	29.7590	62.4943	1.8598	0.0004	0.0000	10.9517	0.6323
2017-06-29 21:00:00	29.5664	58.1959	1.7206	0.0018	0.0001	10.8896	0.6246
2017-06-29 21:15:00	29.4293	73.1092	2.1516	0.0018	0.0001	10.5545	0.6026
2017-06-29 21:30:00	29.5353	70.0254	2.0682	0.0000	0.0000	10.5286	0.6033
2017-06-29 21:45:00	29.5992	72.4860	2.1455	0.0005	0.0000	10.5286	0.6046
2017-06-29 22:00:00	29.6909	70.9035	2.1052	0.0000	0.0000	10.7684	0.6203
2017-06-29 22:15:00	29.7452	69.1430	2.0567	0.0039	0.0001	11.0779	0.6393
2017-06-29 22:30:00	29.6975	71.3647	2.1194	0.0001	0.0000	11.0779	0.6382
2017-06-29 22:45:00	29.8752	72.4677	2.1650	0.0012	0.0000	11.0779	0.6421
2017-06-29 23:00:00	30.1929	71.3540	2.1544	0.0000	0.0000	11.2102	0.6566
2017-06-29 23:15:00	29.9544	72.8171	2.1812	0.0000	0.0000	11.2911	0.6561
2017-06-29 23:30:00	29.7512	69.8279	2.0775	0.0008	0.0000	11.3432	0.6547
2017-06-29 23:45:00	29.7257	71.0676	2.1125	0.0030	0.0001	11.0779	0.6388
2017-06-30 00:00:00	29.6965	72.7959	2.1618	0.0001	0.0000	11.0779	0.6382
2017-06-30 00:15:00	29.4626	73.1782	2.1560	0.0000	0.0000	11.1124	0.6352
2017-00-30 00.13.00							

Ust			Point Source Air F	missions - A2 Nitric	Acid Stack			
2017-06-100-06-00 20-0857 70-0755 2-0955 0.0000 0.0000 11-0779 0.0330 2017-06-00-00-00-00-00 20-0857 7-19814 2-1281 0.0000 0.0000 11-0779 0.01450 2017-06-00-06-00-00-00-00-00-00-00-00-00-00-	Parameter	Volumetric Flow Rate					N:	20
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2017-06-30 14:45:00 29.8175 70.8775 2.1134 0.0000 0.0000 9.5215 0.5508 2017-06-30 15:00:00 29.6429 74.2490 2.2010 0.0000 0.0000 9.5215 0.5476 2017-06-30 15:15:00 29.7337 72.1689 2.1458 0.0000 0.0000 9.6307 0.5555 2017-06-30 15:30:00 29.9532 73.3448 2.1969 0.0000 0.0000 9.5575 0.5554 2017-06-30 15:45:00 29.8436 72.8507 2.1741 0.0000 0.0000 9.6088 0.5534 2017-06-30 16:00:00 29.6860 75.9291 2.2540 0.0000 0.0000 9.6088 0.5534 2017-06-30 16:00:00 29.5850 72.7937 2.1536 0.0000 0.0000 9.5215 0.5465 2017-06-30 16:45:00 29.8068 71.9886 2.1458 0.0000 0.0000 9.5215 0.5506 2017-06-30 17:00:00 30.1024 74.2254 2.2344 0.0000 0.0000 9.5215 0.5560								
2017-06-30 15:00:00 29.6429 74.2490 2.2010 0.0000 0.0000 9.5215 0.5476 2017-06-30 15:15:00 29.7337 72.1689 2.1458 0.0000 0.0000 9.6307 0.5555 2017-06-30 15:30:00 29.9532 73.3448 2.1969 0.0000 0.0000 9.5575 0.5554 2017-06-30 15:45:00 29.8436 72.8507 2.1741 0.0000 0.0000 9.6027 0.5710 2017-06-30 16:00:00 29.6860 75.9291 2.2540 0.0000 0.0000 9.6088 0.5534 2017-06-30 16:15:00 29.5850 72.7937 2.1536 0.0000 0.0000 9.5215 0.5465 2017-06-30 16:45:00 29.8068 71.9886 2.1458 0.0000 0.0000 9.5215 0.5506 2017-06-30 16:45:00 29.9695 73.0651 2.1897 0.0000 0.0000 9.5215 0.5546 2017-06-30 17:15:00 30.0306 69.1274 2.0759 0.0000 0.0000 9.5215 0.5547								
2017-06-30 15:30:00 29.9532 73.3448 2.1969 0.0000 0.0000 9.5575 0.5554 2017-06-30 15:45:00 29.8436 72.8507 2.1741 0.0000 0.0000 9.8627 0.5710 2017-06-30 16:00:00 29.6860 75.9291 2.2540 0.0000 0.0000 9.6088 0.5334 2017-06-30 16:15:00 29.5850 72.7937 2.1536 0.0000 0.0000 9.5215 0.5465 2017-06-30 16:30:00 29.8068 71.9886 2.1458 0.0000 0.0000 9.5215 0.5506 2017-06-30 16:45:00 29.9695 73.0651 2.1897 0.0000 0.0000 9.5215 0.5536 2017-06-30 17:00:00 30.1024 74.2254 2.2344 0.0000 0.0000 9.5215 0.5560 2017-06-30 17:45:00 30.0306 69.1274 2.0759 0.0000 0.0000 9.5215 0.5533 2017-06-30 17:45:00 29.9626 70.2685 2.1054 0.0000 0.0000 9.5801 0.5569								
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2017-06-30 16:00:00 29.6860 75.9291 2.2540 0.0000 0.0000 9.6088 0.5534 2017-06-30 16:15:00 29.5850 72.7937 2.1536 0.0000 0.0000 9.5215 0.5465 2017-06-30 16:30:00 29.8068 71.9886 2.1458 0.0000 0.0000 9.5215 0.5506 2017-06-30 16:45:00 29.9695 73.0651 2.1897 0.0000 0.0000 9.5215 0.5536 2017-06-30 17:00:00 30.1024 74.2254 2.2344 0.0000 0.0000 9.5215 0.5560 2017-06-30 17:15:00 30.0306 69.1274 2.0759 0.0000 0.0000 9.5215 0.5547 2017-06-30 17:30:00 29.9514 72.9916 2.1862 0.0000 0.0000 9.5215 0.5569 2017-06-30 18:00:00 30.0042 66.5931 1.9981 0.0000 0.0000 9.6320 0.5607 2017-06-30 18:30:00 30.1233 69.3338 2.086 0.0000 0.0000 9.9905 0.5827	2017-06-30 15:30:00	29.9532	73.3448	2.1969	0.0000	0.0000	9.5575	0.5554
2017-06-30 16:15:00 29.5850 72.7937 2.1536 0.0000 0.0000 9.5215 0.5465 2017-06-30 16:30:00 29.8068 71.9886 2.1458 0.0000 0.0000 9.5215 0.5506 2017-06-30 16:45:00 29.9695 73.0651 2.1897 0.0000 0.0000 9.5215 0.5536 2017-06-30 17:00:00 30.1024 74.2254 2.2344 0.0000 0.0000 9.5215 0.5560 2017-06-30 17:15:00 30.0306 69.1274 2.0759 0.0000 0.0000 9.5215 0.5547 2017-06-30 17:30:00 29.9626 70.2685 2.1054 0.0000 0.0000 9.5215 0.5533 2017-06-30 18:00:00 30.0042 66.5931 1.9981 0.0000 0.0000 9.6320 0.5607 2017-06-30 18:30:00 30.0667 70.0098 2.1050 0.0000 0.0000 9.9905 0.5827 2017-06-30 18:45:00 30.1233 69.3338 2.0886 0.0000 0.0000 10.0708 0.5896	2017-06-30 15:45:00	29.8436	72.8507	2.1741	0.0000	0.0000	9.8627	0.5710
2017-06-30 16:30:00 29.8068 71.9886 2.1458 0.0000 0.0000 9.5215 0.5506 2017-06-30 16:45:00 29.9695 73.0651 2.1897 0.0000 0.0000 9.5215 0.5536 2017-06-30 17:00:00 30.1024 74.2254 2.2344 0.0000 0.0000 9.5215 0.5560 2017-06-30 17:15:00 30.0306 69.1274 2.0759 0.0000 0.0000 9.5215 0.5547 2017-06-30 17:30:00 29.9514 72.9916 2.1862 0.0000 0.0000 9.5215 0.5533 2017-06-30 17:45:00 29.9626 70.2685 2.1054 0.0000 0.0000 9.5801 0.5569 2017-06-30 18:00:00 30.0042 66.5931 1.9981 0.0000 0.0000 9.6320 0.5607 2017-06-30 18:30:00 30.0667 70.0098 2.1050 0.0000 0.0000 9.9905 0.5887 2017-06-30 18:45:00 30.1233 69.3338 2.0886 0.0000 0.0000 10.0708 0.5896	2017-06-30 16:00:00	29.6860	75.9291	2.2540	0.0000	0.0000	9.6088	0.5534
2017-06-30 16:45:00 29.9695 73.0651 2.1897 0.0000 0.0000 9.5215 0.5536 2017-06-30 17:00:00 30.1024 74.2254 2.2344 0.0000 0.0000 9.5215 0.5560 2017-06-30 17:15:00 30.0306 69.1274 2.0759 0.0000 0.0000 9.5215 0.5547 2017-06-30 17:30:00 29.9514 72.9916 2.1862 0.0000 0.0000 9.5215 0.5533 2017-06-30 17:45:00 29.9626 70.2685 2.1054 0.0000 0.0000 9.5801 0.5569 2017-06-30 18:00:00 30.0042 66.5931 1.9981 0.0000 0.0000 9.6320 0.5607 2017-06-30 18:15:00 30.0667 70.0098 2.1050 0.0000 0.0000 9.9995 0.5827 2017-06-30 18:30:00 30.1233 69.3338 2.0886 0.0000 0.0000 10.0708 0.5896 2017-06-30 18:45:00 30.1793 72.7919 2.1968 0.0884 0.0027 10.0708 0.5896	2017-06-30 16:15:00	29.5850	72.7937	2.1536	0.0000	0.0000	9.5215	0.5465
2017-06-30 17:00:00 30.1024 74.2254 2.2344 0.0000 0.0000 9.5215 0.5560 2017-06-30 17:15:00 30.0306 69.1274 2.0759 0.0000 0.0000 9.5215 0.5547 2017-06-30 17:30:00 29.9514 72.9916 2.1862 0.0000 0.0000 9.5215 0.5533 2017-06-30 17:45:00 29.9626 70.2685 2.1054 0.0000 0.0000 9.5801 0.5569 2017-06-30 18:00:00 30.0042 66.5931 1.9981 0.0000 0.0000 9.6320 0.5607 2017-06-30 18:15:00 30.0667 70.0098 2.1050 0.0000 0.0000 9.9905 0.5827 2017-06-30 18:30:00 30.1233 69.3338 2.0886 0.0000 0.0000 10.0708 0.5896 2017-06-30 18:45:00 30.1793 72.7919 2.1968 0.0884 0.0027 10.0708 0.5896 2017-06-30 19:00:00 30.2360 68.6861 2.0768 0.0000 0.0000 10.0708 0.5907 <td>2017-06-30 16:30:00</td> <td>29.8068</td> <td>71.9886</td> <td>2.1458</td> <td>0.0000</td> <td>0.0000</td> <td>9.5215</td> <td>0.5506</td>	2017-06-30 16:30:00	29.8068	71.9886	2.1458	0.0000	0.0000	9.5215	0.5506
2017-06-30 17:15:00 30.0306 69.1274 2.0759 0.0000 0.0000 9.5215 0.5547 2017-06-30 17:30:00 29.9514 72.9916 2.1862 0.0000 0.0000 9.5215 0.5533 2017-06-30 17:45:00 29.9626 70.2685 2.1054 0.0000 0.0000 9.5801 0.5569 2017-06-30 18:00:00 30.0042 66.5931 1.9981 0.0000 0.0000 9.6320 0.5607 2017-06-30 18:15:00 30.0667 70.0098 2.1050 0.0000 0.0000 9.9905 0.5827 2017-06-30 18:30:00 30.1233 69.3338 2.0886 0.0000 0.0000 10.0708 0.5895 2017-06-30 18:45:00 30.1793 72.7919 2.1968 0.0884 0.0027 10.0708 0.5896 2017-06-30 19:00:00 30.2360 68.6861 2.0768 0.0000 0.0000 10.0708 0.5907	2017-06-30 16:45:00	29.9695	73.0651	2.1897	0.0000	0.0000	9.5215	0.5536
2017-06-30 17:30:00 29.9514 72.9916 2.1862 0.0000 0.0000 9.5215 0.5533 2017-06-30 17:45:00 29.9626 70.2685 2.1054 0.0000 0.0000 9.5801 0.5569 2017-06-30 18:00:00 30.0042 66.5931 1.9981 0.0000 0.0000 9.6320 0.5607 2017-06-30 18:15:00 30.0667 70.0098 2.1050 0.0000 0.0000 9.9905 0.5827 2017-06-30 18:30:00 30.1233 69.3338 2.0886 0.0000 0.0000 10.0708 0.5895 2017-06-30 18:45:00 30.1793 72.7919 2.1968 0.0884 0.0027 10.0708 0.5896 2017-06-30 19:00:00 30.2360 68.6861 2.0768 0.0000 0.0000 10.0708 0.5907	2017-06-30 17:00:00	30.1024	74.2254	2.2344	0.0000	0.0000	9.5215	0.5560
2017-06-30 17:45:00 29.9626 70.2685 2.1054 0.0000 0.0000 9.5801 0.5569 2017-06-30 18:00:00 30.0042 66.5931 1.9981 0.0000 0.0000 9.6320 0.5607 2017-06-30 18:15:00 30.0667 70.0098 2.1050 0.0000 0.0000 9.9905 0.5827 2017-06-30 18:30:00 30.1233 69.3338 2.0886 0.0000 0.0000 10.0708 0.5885 2017-06-30 18:45:00 30.1793 72.7919 2.1968 0.0884 0.0027 10.0708 0.5896 2017-06-30 19:00:00 30.2360 68.6861 2.0768 0.0000 0.0000 10.0708 0.5907	2017-06-30 17:15:00	30.0306	69.1274	2.0759	0.0000	0.0000	9.5215	0.5547
2017-06-30 18:00:00 30.0042 66.5931 1.9981 0.0000 0.0000 9.6320 0.5607 2017-06-30 18:15:00 30.0667 70.0098 2.1050 0.0000 0.0000 9.9905 0.5827 2017-06-30 18:30:00 30.1233 69.3338 2.0886 0.0000 0.0000 10.0708 0.5885 2017-06-30 18:45:00 30.1793 72.7919 2.1968 0.0884 0.0027 10.0708 0.5896 2017-06-30 19:00:00 30.2360 68.6861 2.0768 0.0000 0.0000 10.0708 0.5907	2017-06-30 17:30:00	29.9514	72.9916	2.1862	0.0000	0.0000	9.5215	0.5533
2017-06-30 18:15:00 30.0667 70.0098 2.1050 0.0000 0.0000 9.9905 0.5827 2017-06-30 18:30:00 30.1233 69.3338 2.0886 0.0000 0.0000 10.0708 0.5885 2017-06-30 18:45:00 30.1793 72.7919 2.1968 0.0884 0.0027 10.0708 0.5896 2017-06-30 19:00:00 30.2360 68.6861 2.0768 0.0000 0.0000 10.0708 0.5907	2017-06-30 17:45:00	29.9626	70.2685	2.1054	0.0000	0.0000	9.5801	0.5569
2017-06-30 18:30:00 30.1233 69.3338 2.0886 0.0000 0.0000 10.0708 0.5885 2017-06-30 18:45:00 30.1793 72.7919 2.1968 0.0884 0.0027 10.0708 0.5896 2017-06-30 19:00:00 30.2360 68.6861 2.0768 0.0000 0.0000 10.0708 0.5907	2017-06-30 18:00:00	30.0042	66.5931	1.9981	0.0000	0.0000	9.6320	0.5607
2017-06-30 18:45:00 30.1793 72.7919 2.1968 0.0884 0.0027 10.0708 0.5896 2017-06-30 19:00:00 30.2360 68.6861 2.0768 0.0000 0.0000 10.0708 0.5907	2017-06-30 18:15:00	30.0667	70.0098	2.1050	0.0000	0.0000	9.9905	0.5827
2017-06-30 19:00:00 30.2360 68.6861 2.0768 0.0000 0.0000 10.0708 0.5907	2017-06-30 18:30:00	30.1233	69.3338	2.0886	0.0000	0.0000	10.0708	0.5885
	2017-06-30 18:45:00	30.1793	72.7919	2.1968	0.0884	0.0027	10.0708	0.5896
2017-06-30 19:15:00 29.9957 69.8562 2.0954 0.0000 0.0000 10.1756 0.5921	2017-06-30 19:00:00	30.2360	68.6861		0.0000	0.0000	10.0708	
	2017-06-30 19:15:00	29.9957	69.8562	2.0954	0.0000	0.0000	10.1756	0.5921

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-06-30 19:30:00	29.7132	72.5472	2.1556	0.0000	0.0000	10.0708	0.5805
2017-06-30 19:45:00	29.8890	71.5359	2.1381	0.0000	0.0000	10.0708	0.5840
2017-06-30 20:00:00	30.1445	72.2286	2.1773	0.0000	0.0000	10.1187	0.5917
2017-06-30 20:15:00	30.0719	72.7870	2.1888	0.0000	0.0000	10.8405	0.6324
2017-06-30 20:30:00	29.7514	68.7237	2.0446	0.0000	0.0000	10.9453	0.6317
2017-06-30 20:45:00	29.7963	73.5799	2.1924	0.0000	0.0000	10.5475	0.6097
2017-06-30 21:00:00	29.6211	77.0371	2.2819	0.0002	0.0000	11.8454	0.6807
2017-06-30 21:15:00	29.8350	71.8830	2.1446	0.0000	0.0000	11.8641	0.6867
2017-06-30 21:30:00	29.8118	70.8236	2.1114	0.0000	0.0000	10.7103	0.6194
2017-06-30 21:45:00	29.5938	73.2490	2.1677	0.0000	0.0000	10.5286	0.6045
2017-06-30 22:00:00	29.7103	69.1060	2.0532	0.0000	0.0000	10.5286	0.6068
2017-06-30 22:15:00	29.5212	70.4204	2.0789	0.0000	0.0000	10.5287	0.6030
2017-06-30 22:30:00	29.6773	70.9289	2.1050	0.0000	0.0000	10.5286	0.6062
2017-06-30 22:45:00	29.9474	72.3769	2.1675	0.0000	0.0000	10.5286	0.6117
2017-06-30 23:00:00	29.8331	67.3019	2.0078	0.0000	0.0000	10.2422	0.5928
2017-06-30 23:15:00	30.0115	70.2238	2.1075	0.0000	0.0000	10.3409	0.6021
2017-06-30 23:30:00	30.0887	78.2597	2.3547	0.0000	0.0000	10.1344	0.5916
2017-06-30 23:45:00	30.3134	68.5661	2.0785	0.0000	0.0000	10.0708	0.5922
2017-07-01 00:00:00	30.3662	69.0041	2.0954	0.0000	0.0000	10.0708	0.5933
2017-07-01 00:15:00	29.7339	73.4754	2.1847	0.0000	0.0000	10.3741	0.5984
2017-07-01 00:30:00	29.8243	74.2779	2.2153	0.0000	0.0000	10.7806	0.6238
2017-07-01 00:45:00	29.7452 29.7363	71.8723	2.1379	0.0000	0.0000	11.3461	0.6547
2017-07-01 01:00:00 2017-07-01 01:15:00	29.7363 30.0584	67.8632 71.7683	2.0180 2.1572	0.0000 0.0000	0.0000 0.0000	10.5301 10.5370	0.6075 0.6144
2017-07-01 01:15:00 2017-07-01 01:30:00	30.0584 29.9879	71.7683 72.9306	2.1572	0.0000	0.0000	10.5370	0.6144
		68.9943	2.1870	0.0000	0.0000	10.9912	0.6448
2017-07-01 01:45:00 2017-07-01 02:00:00	30.2409 30.3099	71.4054	2.1643	0.0000	0.0000	10.9487	0.6438
2017-07-01 02:00:00	30.1600	68.8990	2.0780	0.0000	0.0000	11.0024	0.6438
2017-07-01 02:13:00	30.1600	69.7900	2.0780	0.0000	0.0000	10.5332	0.6186
2017-07-01 02:30:00	30.2166	74.3743	2.2473	0.0000	0.0000	10.5332	0.6173
2017-07-01 02:43:00	30.1349	69.7961	2.1033	0.0000	0.0000	10.5311	0.6157
2017-07-01 03:00:00	29.9797	71.3112	2.1379	0.0000	0.0000	10.4949	0.6104
2017-07-01 03:15:00	29.8236	70.0060	2.0878	0.0000	0.0000	10.1399	0.5867
2017-07-01 03:35:00	29.7725	73.1025	2.1764	0.0000	0.0000	10.0708	0.5807
2017-07-01 04:00:00	30.0988	69.7094	2.0982	0.0000	0.0000	10.0708	0.5881
2017-07-01 04:15:00	30.3727	70.1307	2.1301	0.0000	0.0000	10.0708	0.5934
2017-07-01 04:30:00	30.5186	72.9242	2.2255	0.0000	0.0000	10.0708	0.5963
2017-07-01 04:45:00	30.3623	70.9719	2.1549	0.0000	0.0000	10.0708	0.5932
2017-07-01 05:00:00	30.4998	77.2644	2.3565	0.0000	0.0000	10.2975	0.6093
2017-07-01 05:15:00	30.3052	66.6873	2.0210	0.0000	0.0000	10.0708	0.5921
2017-07-01 05:30:00	30.2956	72.2370	2.1885	0.0000	0.0000	9.8212	0.5772
2017-07-01 05:45:00	30.2342	71.4522	2.1603	0.0000	0.0000	9.5215	0.5585
2017-07-01 06:00:00	30.2965	75.0501	2.2738	0.0000	0.0000	9.5215	0.5596
2017-07-01 06:15:00	30.3695	70.7156	2.1476	0.0000	0.0000	9.5215	0.5610
2017-07-01 06:30:00	30.4718	70.9739	2.1627	0.0000	0.0000	9.8175	0.5804
2017-07-01 06:45:00	30.4924	70.6560	2.1545	0.0000	0.0000	10.0708	0.5957
2017-07-01 07:00:00	30.5556	76.0954	2.3251	0.0000	0.0000	9.8029	0.5811
2017-07-01 07:15:00	30.5525	68.9246	2.1058	0.0000	0.0000	9.5270	0.5647
2017-07-01 07:30:00	30.4023	72.8981	2.2163	0.0000	0.0000	9.5215	0.5616
2017-07-01 07:45:00	30.4295	72.5946	2.2090	0.0000	0.0000	9.5215	0.5621
2017-07-01 08:00:00	30.4910	76.1491	2.3219	0.0000	0.0000	9.5215	0.5632
2017-07-01 08:15:00	30.4523	72.6075	2.2111	0.0000	0.0000	9.5215	0.5625
2017-07-01 08:30:00	30.5789	71.7178	2.1930	0.0000	0.0000	9.5215	0.5648
2017-07-01 08:45:00	30.5468	74.7263	2.2827	0.0000	0.0000	9.5218	0.5643
2017-07-01 09:00:00	30.5371	73.6478	2.2490	0.0000	0.0000	9.5215	0.5641
2017-07-01 09:15:00	30.4104	73.5336	2.2362	0.0000	0.0000	9.5215	0.5617
2017-07-01 09:30:00	30.5568	74.6054	2.2797	0.0000	0.0000	9.5215	0.5644
2017-07-01 09:45:00	30.5008	75.7971	2.3119	0.0000	0.0000	9.9463	0.5885
2017-07-01 10:00:00	30.4514	70.6061	2.1501	0.0000	0.0000	9.7650	0.5769
2017-07-01 10:15:00	30.3747	71.9483	2.1854	0.7891	0.0240	9.5215	0.5611
2017-07-01 10:30:00	30.4871	91.4803	2.7890	0.0002	0.0000	9.5215	0.5631
2017-07-01 10:45:00	30.5575	64.4200	1.9685	0.0015	0.0000	9.5215	0.5644
2017-07-01 11:00:00	30.5733	75.2520	2.3007	0.0023	0.0001	9.1090	0.5403
2017-07-01 11:15:00	30.5769	75.2001	2.2994	0.0002	0.0000	8.9772	0.5325
2017-07-01 11:30:00	30.5312	72.4192	2.2110	0.0000	0.0000	8.9783	0.5318
2017-07-01 11:45:00	30.5272	74.8942	2.2863	0.0125	0.0004	8.9751	0.5315
2017-07-01 12:00:00	30.6468	78.0876	2.3931	0.0000	0.0000	8.7217	0.5185
2017-07-01 12:15:00	30.6859	70.3282	2.1581	0.0000	0.0000	8.5144	0.5069
2017-07-01 12:30:00	30.4728	75.9173	2.3134	0.0000	0.0000	8.5144	0.5033
2017-07-01 12:45:00	30.4308	74.2178	2.2585	0.0000	0.0000	8.3364	0.4921
2017-07-01 13:00:00	30.0297	71.3489	2.1426	0.0000	0.0000	8.1446	0.4745
2017-07-01 13:15:00	29.8811	68.0705	2.0340	0.0000	0.0000	8.0566	0.4670
2017-07-01 13:30:00	29.7154	71.1338	2.1138	0.0000	0.0000	8.1894	0.4721
i l			I	0.0000	0.0000	0.4550	0.4722
2017-07-01 13:45:00	29.9128	71.8002	2.1477	0.0000	0.0000	8.1558	0.4733

		Doint Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-07-01 14:15:00	30.0092	74.8909	2.2474	0.0000	0.0000	8.0566	0.4690
2017-07-01 14:30:00	30.1313	74.9289	2.2577	0.0000	0.0000	8.0566	0.4709
2017-07-01 14:45:00	30.0073	73.2991	2.1995	0.0000	0.0000	8.0566	0.4690
2017-07-01 15:00:00	29.8107	69.6077	2.0751	0.0000	0.0000	8.0566	0.4659
2017-07-01 15:15:00	29.6933	75.5335	2.2428	0.0000	0.0000	8.0566	0.4641
2017-07-01 15:30:00	29.5041	73.9504	2.1818	0.0003	0.0000	8.0566	0.4611
2017-07-01 15:45:00	29.4863	67.5604	1.9921	0.0000	0.0000	8.4244	0.4819
2017-07-01 16:00:00	29.4375	58.5797	1.7244 1.8528	0.0000 0.0000	0.0000 0.0000	8.5144	0.4862 0.4850
2017-07-01 16:15:00 2017-07-01 16:30:00	29.3607 29.4620	63.1043 65.2138	1.8528	0.0000	0.0000	8.5144 8.5144	0.4850
2017-07-01 16:30:00	29.4008	65.3429	1.9213	0.0000	0.0000	8.5144	0.4856
2017-07-01 10:43:00	29.3997	72.1074	2.1199	0.0000	0.0000	8.8938	0.5073
2017-07-01 17:15:00	29.5615	61.7913	1.8266	0.0000	0.0000	8.7547	0.5073
2017-07-01 17:30:00	29.5451	69.3398	2.0487	0.0000	0.0000	8.5144	0.4880
2017-07-01 17:45:00	29.4869	70.7553	2.0864	0.0000	0.0000	9.0136	0.5156
2017-07-01 18:00:00	29.5330	72.7834	2.1495	0.0000	0.0000	9.3831	0.5376
2017-07-01 18:15:00	29.5172	68.2969	2.0159	0.0000	0.0000	9.7064	0.5558
2017-07-01 18:30:00	29.9012	70.4805	2.1074	0.0000	0.0000	9.9963	0.5799
2017-07-01 18:45:00	29.8427	72.1083	2.1519	0.0000	0.0000	10.2910	0.5958
2017-07-01 19:00:00	29.7159	71.6918	2.1304	0.0000	0.0000	10.8459	0.6253
2017-07-01 19:15:00	29.7236	70.8272	2.1052	0.0000	0.0000	10.8582	0.6261
2017-07-01 19:30:00	29.5489	69.6175	2.0571	0.0000	0.0000	11.0223	0.6319
2017-07-01 19:45:00	29.5797	74.4126	2.2011	0.0000	0.0000	10.8929	0.6251
2017-07-01 20:00:00	29.5058	73.4986	2.1686	0.0000	0.0000	10.5286	0.6027
2017-07-01 20:15:00	29.5320	73.7484	2.1779	0.0000	0.0000	10.6360	0.6094
2017-07-01 20:30:00	29.5627	72.6790	2.1486	0.0000	0.0000	10.8783	0.6239
2017-07-01 20:45:00	29.5422	72.7670	2.1497	0.0000	0.0000	11.0779	0.6349
2017-07-01 21:00:00	29.5765	67.4994	1.9964	0.0000	0.0000	11.0779	0.6356
2017-07-01 21:15:00	29.5605	70.2198	2.0757	0.0002	0.0000	11.0034	0.6310
2017-07-01 21:30:00	29.4521	71.3722	2.1021	0.0000	0.0000	10.8331	0.6190
2017-07-01 21:45:00	29.6664	69.9107	2.0740	0.0000	0.0000	10.6445	0.6126
2017-07-01 22:00:00	29.5137	76.0756	2.2453	0.0000	0.0000	11.4578	0.6560
2017-07-01 22:15:00	29.3593	69.8054	2.0494	0.0000	0.0000	10.7165	0.6104
2017-07-01 22:30:00	29.4749	71.4462	2.1059	0.0000	0.0000	10.6000	0.6061
2017-07-01 22:45:00	29.5432	72.6400	2.1460	0.0000	0.0000	11.0779	0.6349
2017-07-01 23:00:00	29.4843	73.3154	2.1616	0.0000	0.0000	11.1700	0.6389
2017-07-01 23:15:00	29.4290	67.0454	1.9731	0.0000	0.0000	10.5298	0.6012
2017-07-01 23:30:00	29.4124	73.9045	2.1737	0.0000	0.0000	10.2769	0.5864
2017-07-01 23:45:00	29.3926	181.3097	5.3292	0.0000	0.0000	10.5286	0.6004
2017-07-02 00:00:00	29.3557	51.5451	1.5131	0.0000	0.0000	10.5286	0.5996
2017-07-02 00:15:00	29.4661	65.4498	1.9285	0.0006	0.0000	10.5286	0.6019
2017-07-02 00:30:00	29.5575	72.0021	2.1282	0.0000	0.0000	10.4563	0.5996
2017-07-02 00:45:00	29.5626	71.6274	2.1175	0.0000	0.0000	10.5298	0.6039
2017-07-02 01:00:00 2017-07-02 01:15:00	29.8906 29.9974	72.7451 68.6788	2.1744 2.0602	0.0000 0.0000	0.0000	10.8356 10.5286	0.6283 0.6127
2017-07-02 01:15:00	30.2717	68.6881	2.0602	0.0000	0.0000	10.5286	0.6239
2017-07-02 01:45:00 2017-07-02 02:00:00	30.2935 29.9069	69.1138 70.0911	2.0937 2.0962	0.0000 0.0001	0.0000 0.0000	10.2458 10.0708	0.6021 0.5843
2017-07-02 02:00:00	29.6237	70.0911	2.0809	0.0001	0.0000	10.0708	0.5788
2017-07-02 02:15:00	29.9362	69.2254	2.0723	0.1125	0.0034	9.7217	0.5788
2017-07-02 02:35:00	30.0791	69.5908	2.0932	0.0000	0.0000	9.5526	0.5574
2017-07-02 03:00:00	30.0522	71.2836	2.1422	0.0000	0.0000	10.0708	0.5871
2017-07-02 03:15:00	30.2039	76.8937	2.3225	0.0003	0.0000	10.0122	0.5867
2017-07-02 03:30:00	30.3288	73.4908	2.2289	0.0000	0.0000	10.0708	0.5925
2017-07-02 03:45:00	30.4510	72.6668	2.2128	0.0000	0.0000	10.0708	0.5949
2017-07-02 04:00:00	30.4456	71.6862	2.1825	0.0000	0.0000	10.0708	0.5948
2017-07-02 04:15:00	30.2495	71.4602	2.1616	0.0000	0.0000	10.0708	0.5910
2017-07-02 04:30:00	30.2067	71.2331	2.1517	0.0000	0.0000	10.0708	0.5902
2017-07-02 04:45:00	29.8423	72.5657	2.1655	0.0000	0.0000	10.0708	0.5830
2017-07-02 05:00:00	29.7138	71.6918	2.1302	0.0000	0.0000	10.0415	0.5788
2017-07-02 05:15:00	29.5347	70.9040	2.0941	0.0000	0.0000	10.0098	0.5735
2017-07-02 05:30:00	29.4263	71.2447	2.0965	0.0000	0.0000	10.0708	0.5749
2017-07-02 05:45:00	29.4540	71.3322	2.1010	0.0000	0.0000	10.0708	0.5755
2017-07-02 06:00:00	29.4232	73.7337	2.1695	0.0000	0.0000	10.0708	0.5749
2017-07-02 06:15:00	29.3524	68.9934	2.0251	0.0000	0.0000	10.0708	0.5735
2017-07-02 06:30:00	29.4308	71.5619	2.1061	0.0000	0.0000	10.0708	0.5750
2017-07-02 06:45:00	29.4321	71.2393	2.0967	0.0000	0.0000	10.0708	0.5750
2017-07-02 07:00:00	29.4199	72.6418	2.1371	0.0000	0.0000	10.0708	0.5748
2017-07-02 07:15:00	29.5003	74.3347	2.1929	0.0000	0.0000	10.0708	0.5764
2017-07-02 07:30:00	29.8547	69.2214	2.0666	0.0000	0.0000	10.0708	0.5833
2017-07-02 07:45:00	30.5992	78.3977	2.3989	0.0118	0.0004	9.8364	0.5839
2017-07-02 08:00:00	30.7505	79.8383	2.4551	0.0000	0.0000	9.9799	0.5954
2017-07-02 08:15:00	30.6328	78.5418	2.4060	0.0112	0.0003	9.7528	0.5796
2017-07-02 08:30:00	30.6445	76.4179	2.3418	0.0051	0.0002	9.8285	0.5843
2017-07-02 08:45:00	30.6039	72.9437	2.2324	0.0000	0.0000	10.0708	0.5979

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N:	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-07-02 09:00:00	30.6332	73.2323	2.2433	0.0000	0.0000	10.0708	0.5985
2017-07-02 09:15:00	30.5409	71.8935	2.1957	0.0000	0.0000	9.6439	0.5714
2017-07-02 09:30:00	30.6380	77.0829	2.3617	0.0000	0.0000	10.0708	0.5986
2017-07-02 09:45:00	30.6318	68.4626	2.0971	0.0000	0.0000	10.0708	0.5985
2017-07-02 10:00:00	30.6465	74.9693	2.2975	0.0103	0.0003	10.0703	0.5987
2017-07-02 10:15:00	30.5930	76.3749	2.3365	0.7882	0.0241	10.0299	0.5953
2017-07-02 10:30:00 2017-07-02 10:45:00	30.5439	74.0684	2.2623 2.0366	0.1807	0.0055 0.0054	9.5215 9.4806	0.5642
2017-07-02 10:45:00	30.0634 29.6294	67.7425 75.1494	2.0366	0.1785 0.0638	0.0054	9.4806 8.9739	0.5529 0.5158
2017-07-02 11:00:00	28.9751	75.1494	2.1735	0.0588	0.0019	8.7059	0.4894
2017-07-02 11:13:00	28.4420	75.1745	2.1733	0.0125	0.0017	8.5144	0.4698
2017-07-02 11:45:00	28.3375	66.7811	1.8924	0.0046	0.0004	8.0877	0.4446
2017-07-02 12:00:00	28.3368	69.2902	1.9635	0.0000	0.0000	8.0566	0.4429
2017-07-02 12:15:00	28.3223	71.5005	2.0251	0.0000	0.0000	8.0566	0.4427
2017-07-02 12:30:00	28.2948	74.5829	2.1103	0.0000	0.0000	8.0566	0.4422
2017-07-02 12:45:00	28.5226	72.3682	2.0641	0.0000	0.0000	8.0566	0.4458
2017-07-02 13:00:00	28.5695	72.8095	2.0801	0.0000	0.0000	7.8504	0.4351
2017-07-02 13:15:00	28.5902	73.0219	2.0877	0.0000	0.0000	7.5139	0.4168
2017-07-02 13:30:00	28.4655	73.5794	2.0945	0.0000	0.0000	7.5101	0.4147
2017-07-02 13:45:00	28.3960	72.9607	2.0718	0.0000	0.0000	7.1974	0.3965
2017-07-02 14:00:00	28.1492	71.6376	2.0165	0.0000	0.0000	7.0496	0.3850
2017-07-02 14:15:00	28.4433	70.8401	2.0149	0.0000	0.0000	7.0496	0.3890
2017-07-02 14:30:00	28.3513	73.9263	2.0959	0.0000	0.0000	7.0496	0.3877
2017-07-02 14:45:00	28.5509	72.0500	2.0571	0.0000	0.0000	7.0496	0.3905
2017-07-02 15:00:00	28.5877	72.1774	2.0634	0.0000	0.0000	6.9673	0.3864
2017-07-02 15:15:00	28.4426	74.2568	2.1121	0.0000	0.0000	6.8400	0.3774
2017-07-02 15:30:00	28.1362	70.6713	1.9884	0.0001	0.0000	6.6653	0.3638
2017-07-02 15:45:00	28.1970	70.7521	1.9950	0.0000	0.0000	6.9437	0.3798
2017-07-02 16:00:00	28.3702	72.5677	2.0588	0.0000	0.0000	7.0496	0.3880
2017-07-02 16:15:00	28.0593	74.7321	2.0969	0.0000	0.0000	7.0496	0.3837
2017-07-02 16:30:00	27.7920	69.3227	1.9266	0.0001	0.0000	7.0496	0.3801
2017-07-02 16:45:00	27.9701	76.4196	2.1375	0.0000	0.0000	7.3613	0.3994
2017-07-02 17:00:00	27.7469	72.4479	2.0102	0.0002	0.0000	7.8695	0.4236
2017-07-02 17:15:00	27.8272	73.2920	2.0395	0.0000	0.0000	8.0566	0.4349
2017-07-02 17:30:00	27.9617	76.1130	2.1282	0.0000	0.0000	8.4233	0.4569
2017-07-02 17:45:00	27.9170	70.3995	1.9653	0.0000	0.0000	9.0621	0.4908
2017-07-02 18:00:00	27.9480	71.5381	1.9993	0.0000	0.0000	9.0282	0.4895
2017-07-02 18:15:00	28.0937	68.1822	1.9155	0.0000	0.0000	9.5215	0.5189
2017-07-02 18:30:00	27.9743	70.4954	1.9721	0.0000	0.0000	9.5215	0.5167
2017-07-02 18:45:00	27.9048	71.8053	2.0037	0.0000	0.0000	9.4396	0.5110
2017-07-02 19:00:00	27.7607	68.6625	1.9061	0.0000	0.0000	9.5183	0.5126
2017-07-02 19:15:00 2017-07-02 19:30:00	27.7899	66.5243	1.8487	0.0000 0.0000	0.0000 0.0000	8.6047	0.4639
2017-07-02 19:30:00	27.7319 27.7341	69.2532 72.4849	1.9205 2.0103	0.0000	0.0000	8.5406 8.5144	0.4595 0.4581
2017-07-02 19:43:00	27.7341	67.9115	1.9011	0.0005	0.0000	8.5144 8.5144	0.4581
2017-07-02 20:00:00	27.8510	70.2483	1.9565	0.0003	0.0000	8.5144	0.4624
2017-07-02 20:30:00	28.0887	70.4418	1.9786	0.0000	0.0000	8.6194	0.4697
2017-07-02 20:45:00	28.1076	74.5195	2.0946	0.0000	0.0000	8.7311	0.4761
2017-07-02 21:00:00	27.8582	69.9586	1.9489	0.0006	0.0000	8.6701	0.4686
2017-07-02 21:15:00	27.9102	71.8496	2.0053	0.0000	0.0000	8.8111	0.4771
2017-07-02 21:30:00	28.0608	70.5386	1.9794	0.0000	0.0000	8.7244	0.4771
2017-07-02 21:45:00	28.0980	76.2898	2.1436	0.0000	0.0000	8.5944	0.4685
2017-07-02 22:00:00	28.1323	66.1360	1.8606	0.0000	0.0000	8.5144	0.4647
2017-07-02 22:15:00	27.9352	73.5745	2.0553	0.0000	0.0000	8.5144	0.4614
2017-07-02 22:30:00	28.0635	71.7223	2.0128	0.0003	0.0000	8.5840	0.4673
2017-07-02 22:45:00	28.2184	75.9472	2.1431	0.0000	0.0000	8.5321	0.4671
2017-07-02 23:00:00	28.0178	71.2504	1.9963	0.0000	0.0000	8.8794	0.4826
2017-07-02 23:15:00	28.1257	73.4000	2.0644	0.0000	0.0000	8.9813	0.4901
2017-07-02 23:30:00	28.4322	72.0816	2.0494	0.0000	0.0000	9.0637	0.4999
2017-07-02 23:45:00	28.3986	71.9260	2.0426	0.0000	0.0000	9.0637	0.4994
2017-07-03 00:00:00	28.5659	71.3549	2.0383	0.0000	0.0000	9.1838	0.5089
2017-07-03 00:15:00	28.4475	73.1176	2.0800	0.0000	0.0000	9.0637	0.5002
2017-07-03 00:30:00	28.4775	70.3258	2.0027	0.0000	0.0000	9.1578	0.5059
2017-07-03 00:45:00	28.7041	70.2814	2.0174	0.0000	0.0000	9.3781	0.5222
2017-07-03 01:00:00	28.6773	71.5472	2.0518	0.0000	0.0000	9.5215	0.5297
2017-07-03 01:15:00	28.0133	70.9953	1.9888	0.0000	0.0000	9.4691	0.5146
2017-07-03 01:30:00	27.4585	77.5955	2.1307	0.0000	0.0000	9.2041	0.4903
2017-07-03 01:45:00	27.5116	69.9677	1.9249	0.0000	0.0000	9.2804	0.4953
2017-07-03 02:00:00	27.8826	70.6791	1.9707	0.0000	0.0000	9.5215	0.5150
2017-07-03 02:15:00	28.0714	69.8588	1.9610	0.0000	0.0000	9.5215	0.5185
2017-07-03 02:30:00	28.4184	72.4263	2.0582	0.0001	0.0000	9.5215	0.5249
	28.3922	69.0508	1.9605	0.0000	0.0000	9.5215	0.5245
2017-07-03 02:45:00	20.2404	72 5565	2.0474	0.0000	0.0000	0.5345	0.5363
2017-07-03 03:00:00	28.2184	72.5565	2.0474	0.0000	0.0000	9.5215	0.5212
	28.2184 28.1237 28.1103	72.5565 69.8749 73.3432	2.0474 1.9651 2.0617	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	9.5215 9.4793 9.1844	0.5212 0.5172 0.5009

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-07-03 03:45:00	28.0959	68.5060	1.9247	0.0000	0.0000	9.0637	0.4940
2017-07-03 04:00:00	28.1429	70.7265	1.9905	0.0000	0.0000	9.0637	0.4949
2017-07-03 04:15:00	28.1888	70.7154	1.9934	0.0000	0.0000	9.0637	0.4957
2017-07-03 04:30:00 2017-07-03 04:45:00	27.9792 28.1139	71.2148 68.1949	1.9925 1.9172	0.0000 0.0000	0.0000 0.0000	9.0637 9.0637	0.4920 0.4943
2017-07-03 04:45:00	27.8448	70.2714	1.9567	0.0000	0.0000	9.0637	0.4943
2017-07-03 05:00:00	27.8824	69.9537	1.9505	0.0000	0.0000	9.0637	0.4903
2017-07-03 05:30:00	27.8711	71.2286	1.9852	0.0000	0.0000	9.0637	0.4901
2017-07-03 05:45:00	28.0021	69.1288	1.9357	0.0000	0.0000	9.0637	0.4924
2017-07-03 06:00:00	27.9067	69.1532	1.9298	0.0000	0.0000	9.0637	0.4907
2017-07-03 06:15:00	27.9311	70.0457	1.9565	0.0000	0.0000	9.0637	0.4911
2017-07-03 06:30:00	27.9281	70.8784	1.9795	0.0000	0.0000	9.0637	0.4911
2017-07-03 06:45:00	27.9646	62.5061	1.7480	0.0000	0.0000	9.0637	0.4917
2017-07-03 07:00:00	27.9511	69.0061	1.9288	0.0000	0.0000	9.0637	0.4915
2017-07-03 07:15:00	27.9941	67.5363	1.8906	0.0000	0.0000	9.0637	0.4922
2017-07-03 07:30:00	28.0005	71.5546	2.0036	0.0000	0.0000	9.0637	0.4923
2017-07-03 07:45:00	28.0172	72.0099	2.0175	0.0000	0.0000	9.3038	0.5057
2017-07-03 08:00:00	28.0133	72.2929	2.0252	0.0000	0.0000	9.4890	0.5157
2017-07-03 08:15:00	28.0675	72.7280	2.0413	0.0000	0.0000	9.5215	0.5185
2017-07-03 08:30:00	27.9913	74.1877	2.0766	0.0000	0.0000	9.5215	0.5170
2017-07-03 08:45:00 2017-07-03 09:00:00	27.9732	69.0738 70.6072	1.9322 1.9858	0.0000 0.0000	0.0000 0.0000	9.4543 9.5215	0.5131 0.5195
2017-07-03 09:00:00	28.1243 27.9648	70.6072 71.8828	1.9858 2.0102	0.0000	0.0000	9.5215 9.5215	0.5195 0.5166
2017-07-03 09:15:00	27.9648	71.8828	2.0102	0.0000	0.0000	9.5215	0.5166
2017-07-03 09:30:00	28.0471	73.2875	1.9685	0.0000	0.0000	9.4339	0.5137
2017-07-03 10:00:00	28.0365	71.9883	2.0183	0.0000	0.0000	9.5215	0.5138
2017-07-03 10:15:00	27.9879	72.4768	2.0285	0.7962	0.0223	9.4014	0.5105
2017-07-03 10:30:00	27.9962	76.5140	2.1421	0.0000	0.0000	9.0637	0.4923
2017-07-03 10:45:00	28.0128	72.9714	2.0441	0.0000	0.0000	9.0636	0.4926
2017-07-03 11:00:00	28.0558	69.8346	1.9593	0.0000	0.0000	9.0637	0.4933
2017-07-03 11:15:00	28.1180	71.7218	2.0167	0.0000	0.0000	9.0637	0.4944
2017-07-03 11:30:00	27.9881	75.4224	2.1109	0.0000	0.0000	8.9080	0.4837
2017-07-03 11:45:00	27.9369	73.0573	2.0410	0.0000	0.0000	8.8538	0.4799
2017-07-03 12:00:00	27.9572	72.4125	2.0245	0.0000	0.0000	8.5742	0.4650
2017-07-03 12:15:00	28.0186	88.9042	2.4910	0.0000	0.0000	8.5144	0.4628
2017-07-03 12:30:00	27.9451	72.6590	2.0305	0.0000	0.0000	8.5144	0.4616
2017-07-03 12:45:00	27.8681	72.9409	2.0327	0.0000	0.0000	8.5144	0.4603
2017-07-03 13:00:00	27.7564	73.2857	2.0341	0.0000	0.0000	8.5144	0.4585
2017-07-03 13:15:00	27.9614	73.1112	2.0443	0.0000	0.0000	8.5144	0.4619
2017-07-03 13:30:00 2017-07-03 13:45:00	27.9090	72.6454	2.0275	0.0000	0.0000	8.5144	0.4610
2017-07-03 13:45:00	27.8711 27.7132	76.3299 72.7532	2.1274 2.0162	0.0000 0.0000	0.0000 0.0000	8.5144	0.4604 0.4578
2017-07-03 14:05:00	27.7679	73.2321	2.0162	0.0000	0.0000	8.5144 8.5144	0.4578
2017-07-03 14:13:00	27.9051	73.5975	2.0537	0.0000	0.0000	8.5144	0.4609
2017-07-03 14:45:00	28.0105	73.1286	2.0484	0.0000	0.0000	8.5144	0.4627
2017-07-03 15:00:00	27.9788	74.0414	2.0716	0.0000	0.0000	8.5144	0.4622
2017-07-03 15:15:00	27.8732	73.0595	2.0364	0.0000	0.0000	8.5144	0.4604
2017-07-03 15:30:00	27.7784	71.3789	1.9828	0.0000	0.0000	8.5144	0.4588
2017-07-03 15:45:00	27.7374	68.0264	1.8869	0.0000	0.0000	8.5144	0.4582
2017-07-03 16:00:00	27.5839	71.7637	1.9795	0.0000	0.0000	8.5144	0.4556
2017-07-03 16:15:00	27.6648	71.7176	1.9840	0.0000	0.0000	8.5144	0.4570
2017-07-03 16:30:00	27.5968	71.7485	1.9800	0.0000	0.0000	8.5144	0.4558
2017-07-03 16:45:00	27.4981	73.4149	2.0188	0.0000	0.0000	8.5480	0.4560
2017-07-03 17:00:00	27.4609	74.4302	2.0439	0.0000	0.0000	8.7445	0.4659
2017-07-03 17:15:00	27.6241	70.2634	1.9410	0.0000	0.0000	8.5144	0.4563
2017-07-03 17:30:00	27.5991	71.3230	1.9685	0.0000	0.0000	8.6761	0.4645
2017-07-03 17:45:00	27.8626	73.5710	2.0499	0.0000	0.0000	8.8782	0.4799
2017-07-03 18:00:00	28.1921	70.8459	1.9973	0.0000	0.0000	8.5144	0.4657
2017-07-03 18:15:00	28.3828	71.9997	2.0436	0.0000	0.0000	8.5144	0.4688
2017-07-03 18:30:00 2017-07-03 18:45:00	28.3593 28.5824	73.6447 73.0907	2.0885 2.0891	0.0000 0.0000	0.0000 0.0000	8.9545 9.0637	0.4926 0.5026
2017-07-03 18:45:00	28.4572	73.0907	2.0891	0.0000	0.0000	9.0637	0.5026
2017-07-03 19:00:00	28.4715	69.6818	1.9839	0.0000	0.0000	9.0637	0.5004
2017-07-03 19:13:00	28.4091	73.4959	2.0880	0.0000	0.0000	9.0637	0.4995
2017-07-03 19:35:00	28.2318	72.5848	2.0492	0.0000	0.0000	9.1304	0.5001
2017-07-03 20:00:00	28.3163	75.4998	2.1379	0.0000	0.0000	9.0637	0.4979
2017-07-03 20:15:00	28.3520	81.1983	2.3021	0.0000	0.0000	8.7146	0.4793
2017-07-03 20:30:00	28.5496	76.7336	2.1907	0.0000	0.0000	8.7378	0.4840
2017-07-03 20:45:00	28.5370	75.0826	2.1426	0.0000	0.0000	8.8629	0.4907
2017-07-03 21:00:00	28.5524	79.2859	2.2638	0.0000	0.0000	8.6774	0.4807
2017-07-03 21:15:00	28.2513	65.1332	1.8401	0.0000	0.0000	8.5144	0.4667
2017 07 02 21 20 00	28.5684	72.6046	2.0742	0.0000	0.0000	8.5773	0.4754
2017-07-03 21:30:00							
2017-07-03 21:30:00	28.6915	73.8664	2.1193	0.0000	0.0000	8.5852	0.4779
			2.1193 1.9942 2.0353	0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	8.5852 8.5144 8.5144	0.4779 0.4739 0.4741

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-07-03 22:30:00	28.7308	71.8610	2.0646	0.0000	0.0000	8.5144	0.4746
2017-07-03 22:45:00	28.6589	71.2694	2.0425	0.0000	0.0000	8.5144	0.4734
2017-07-03 23:00:00	28.7712	67.8943	1.9534	0.0000	0.0000	8.5144	0.4752
2017-07-03 23:15:00	28.7091	71.5726	2.0548	0.0000	0.0000	8.6829	0.4836
2017-07-03 23:30:00	28.6961	74.6756	2.1429	0.0000	0.0000	8.6023	0.4789
2017-07-03 23:45:00	28.7262	66.1171	1.8993	0.0000	0.0000	8.5144	0.4745
2017-07-04 00:00:00	28.8182	73.4864	2.1177	0.0000	0.0000	8.7866	0.4912
2017-07-04 00:15:00	28.7534	73.2098	2.1050	0.0000	0.0000	8.6963	0.4851
2017-07-04 00:30:00	28.6863	73.6676	2.1132	0.0000	0.0000	8.7994	0.4897
2017-07-04 00:45:00	28.6805	71.7679	2.0583	0.0000	0.0000	8.5583	0.4762
2017-07-04 01:00:00	28.5150	73.4245	2.0937	0.0000	0.0000	8.5144	0.4710
2017-07-04 01:15:00	28.4234	74.2788	2.1113	0.0000	0.0000	8.5144	0.4695
2017-07-04 01:30:00	28.2053	68.1364	1.9218	0.0000	0.0000	8.5144	0.4659
2017-07-04 01:45:00	28.4260	73.2566	2.0824	0.0000	0.0000	8.5144	0.4695
2017-07-04 02:00:00	28.4791	71.5615	2.0380	0.0000	0.0000	8.5144	0.4704
2017-07-04 02:15:00	28.4065	71.0663	2.0187	0.0000	0.0000	8.5144	0.4692
2017-07-04 02:30:00	28.4690	72.7505	2.0711	0.0000	0.0000	8.3257	0.4598
2017-07-04 02:45:00	28.7724	73.9163	2.1268	0.0000	0.0000	8.2464	0.4603
2017-07-04 03:00:00	28.7178	74.1265	2.1287	0.0000	0.0000	8.5027	0.4737
2017-07-04 03:15:00 2017-07-04 03:30:00	28.7217 28.7249	68.3368 69.3392	1.9627 1.9918	0.0000 0.0000	0.0000 0.0000	8.5144	0.4744
2017-07-04 03:30:00	28.7249 28.6475	69.3392 70.3465	1.9918 2.0153	0.0000	0.0000	8.3923 8.5144	0.4677 0.4732
2017-07-04 04:00:00 2017-07-04 04:15:00	28.5975 28.5540	72.0754 72.1344	2.0612 2.0597	0.0000 0.0000	0.0000 0.0000	8.5144 8.9105	0.4724 0.4936
2017-07-04 04:13:00	28.3639	67.4297	1.9126	0.0000	0.0000	8.8422	0.4936
	28.5348	75.0053	2.1403	0.0000	0.0000	8.5175	0.4865
2017-07-04 04:45:00 2017-07-04 05:00:00	28.5906	70.3416	2.0111	0.0000	0.0000	8.5175 8.5144	0.4713
2017-07-04 03:00:00	28.5398	69.8818	1.9944	0.0000	0.0000	8.5144	0.4723
2017-07-04 05:30:00	28.3978	74.3708	2.1120	0.0000	0.0000	8.5144	0.4714
2017-07-04 05:45:00	28.2642	69.5658	1.9662	0.0000	0.0000	8.5144	0.4669
2017-07-04 06:00:00	28.5217	70.7045	2.0166	0.0000	0.0000	8.1843	0.4529
2017-07-04 06:15:00	28.6410	71.2571	2.0409	0.0000	0.0000	8.1416	0.4524
2017-07-04 06:30:00	28.7045	71.2391	2.0449	0.0000	0.0000	8.4503	0.4706
2017-07-04 06:45:00	28.6728	68.0086	1.9500	0.0000	0.0000	8.5144	0.4736
2017-07-04 07:00:00	28.5306	70.7432	2.0183	0.0000	0.0000	8.5144	0.4713
2017-07-04 07:15:00	28.2989	71.6526	2.0277	0.0000	0.0000	8.5144	0.4674
2017-07-04 07:30:00	28.3373	72.4425	2.0528	0.0000	0.0000	8.5144	0.4681
2017-07-04 07:45:00	28.4464	70.6755	2.0105	0.0000	0.0000	8.5144	0.4699
2017-07-04 08:00:00	28.5701	73.0742	2.0877	0.0000	0.0000	8.5144	0.4719
2017-07-04 08:15:00	28.5283	73.4222	2.0946	0.0000	0.0000	8.5144	0.4712
2017-07-04 08:30:00	28.5760	69.9426	1.9987	0.0000	0.0000	8.5162	0.4721
2017-07-04 08:45:00	28.6679	72.9658	2.0918	0.0000	0.0000	8.6731	0.4824
2017-07-04 09:00:00	28.5794	73.7522	2.1078	0.0000	0.0000	8.7683	0.4861
2017-07-04 09:15:00	28.4317	76.6038	2.1780	0.0000	0.0000	8.5144	0.4696
2017-07-04 09:30:00	28.5581	76.2337	2.1771	0.0000	0.0000	8.5144	0.4717
2017-07-04 09:45:00	28.5298	72.6861	2.0737	0.0000	0.0000	8.5144	0.4713
2017-07-04 10:00:00	28.2852	71.5061	2.0226	0.0189	0.0005	8.5144	0.4672
2017-07-04 10:15:00	28.3792	73.2993	2.0802	0.8201	0.0233	8.5144	0.4688
2017-07-04 10:30:00	28.4305	74.4538	2.1168	0.0703	0.0020	8.5144	0.4696
2017-07-04 10:45:00	28.2696	69.9178	1.9765	0.0284	0.0008	8.5144	0.4670
2017-07-04 11:00:00	27.8919	74.8446	2.0876	0.0144	0.0004	8.5144	0.4607
2017-07-04 11:15:00	27.5946	71.7712	1.9805	0.0000	0.0000	8.3394	0.4464
2017-07-04 11:30:00	27.6158	71.8078	1.9830	0.0000	0.0000	8.0566	0.4316
2017-07-04 11:45:00	27.5682	69.7880	1.9239	0.0000	0.0000	8.3084	0.4444
2017-07-04 12:00:00	27.7271	74.2853	2.0597	0.0000	0.0000	8.5144	0.4580
2017-07-04 12:15:00	27.8486	70.6916	1.9687	0.0000	0.0000	8.2306	0.4447
2017-07-04 12:30:00	27.8683	67.2803	1.8750	0.0000	0.0000	8.1706	0.4417
2017-07-04 12:45:00	27.9356	70.2104	1.9614	0.0000	0.0000	8.0566	0.4366
2017-07-04 13:00:00	27.9372	73.9172	2.0650	0.0000	0.0000	8.0566	0.4367
2017-07-04 13:15:00	28.0430	71.2184	1.9972	0.0000	0.0000	7.9167	0.4307
2017-07-04 13:30:00	27.8004	72.1157	2.0048	0.0000	0.0000	7.9782	0.4303
2017-07-04 13:45:00	27.9108	71.6733	2.0005	0.0000	0.0000	8.0566	0.4362
2017-07-04 14:00:00	28.0892	69.2588	1.9454	0.0000	0.0000	8.0566	0.4390
2017-07-04 14:15:00	27.9381	72.3490	2.0213	0.0000	0.0000	8.0566	0.4367
2017-07-04 14:30:00	28.2441	73.6378	2.0798	0.0000	0.0000	8.0566	0.4415
2017-07-04 14:45:00	28.1429	71.8953	2.0233	0.0000	0.0000	8.0566	0.4399
2017-07-04 15:00:00	27.8976	70.6827	1.9719	0.0000	0.0000	8.0566	0.4360
2017-07-04 15:15:00	27.8387	70.4342	1.9608	0.0000	0.0000	8.0566	0.4351
2017-07-04 15:30:00	27.8797	73.9989	2.0631	0.0000	0.0000	8.0566	0.4358
2017-07-04 15:45:00	27.6043	70.6640	1.9506	0.0000	0.0000	8.0566	0.4315
2017-07-04 16:00:00	27.7195	72.6895	2.0149	0.0000	0.0000	8.0566	0.4333
2017-07-04 16:15:00	27.7559	72.5216	2.0129	0.0000	0.0000	8.0566	0.4338
2017-07-04 16:30:00	27.5883	71.7332	1.9790	0.0000	0.0000	8.0566	0.4312
2017-07-04 16:45:00	27.4430	73.2775	2.0110	0.0000	0.0000	8.0566	0.4289
2017-07-04 17:00:00	27.4577	71.2128	1.9553	0.0000	0.0000	8.2637	0.4402

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-07-04 17:15:00	27.5524	72.6038	2.0004	0.0000	0.0000	8.4493	0.4516
2017-07-04 17:30:00	27.2532	74.6146	2.0335	0.0000	0.0000	8.5144	0.4502
2017-07-04 17:45:00	27.1727	70.7659	1.9229	0.0000	0.0000	8.5144	0.4488
2017-07-04 18:00:00	27.1489	71.5130	1.9415	0.0000	0.0000	8.5144	0.4484
2017-07-04 18:15:00	27.2666	70.8345	1.9314	0.0000	0.0000	8.5144	0.4504
2017-07-04 18:30:00	27.3620	70.3255	1.9242	0.0000	0.0000	8.5144	0.4520
2017-07-04 18:45:00	27.2747	71.1808	1.9414	0.0000	0.0000	8.5144	0.4505
2017-07-04 19:00:00	27.2757	72.5735	1.9795	0.0000	0.0000	8.5144	0.4505
2017-07-04 19:15:00	27.3086	72.5968	1.9825	0.0000	0.0000	8.5144	0.4511
2017-07-04 19:30:00	27.5983	70.2057	1.9376	0.0000	0.0000	8.5144	0.4559
2017-07-04 19:45:00	27.6050	80.4778	2.2216	0.0000	0.0000	8.5144	0.4560
2017-07-04 20:00:00	27.9823	64.7651	1.8123	0.0000	0.0000	8.5431	0.4638
2017-07-04 20:15:00	28.0955	73.9188	2.0768	0.0000	0.0000	9.0637	0.4940
2017-07-04 20:30:00	28.1057	70.3658	1.9777	0.0000	0.0000	9.3063	0.5074
2017-07-04 20:45:00	28.0825	69.4440	1.9502	0.0000	0.0000	9.0637	0.4938
2017-07-04 21:00:00	28.0856	71.8300	2.0174	0.0000	0.0000	9.0637	0.4938
2017-07-04 21:15:00	27.9760	72.7149	2.0343	0.0000	0.0000	9.0637	0.4919
2017-07-04 21:30:00 2017-07-04 21:45:00	27.7774	70.8441	1.9679	0.0000	0.0000	9.0399	0.4871
2017-07-04 21:45:00	27.8828	73.2735	2.0431 2.0494	0.0000	0.0000	8.7378	0.4726
2017-07-04 22:00:00	27.8212	73.6631 71.7661	1.9899	0.0000 0.0000	0.0000 0.0000	8.7683	0.4733
2017-07-04 22:15:00	27.7279 27.7395	71.7661	1.9899	0.0000	0.0000	8.6914 8.7024	0.4675 0.4683
2017-07-04 22:30:00	27.8072	72.3370	2.0115	0.0000	0.0000	8.7024 8.5144	0.4593
2017-07-04 22:45:00	27.9309	72.3370 75.6234	2.0115	0.0000	0.0000	8.5144 8.5205	0.4593
2017-07-04 23:00:00	28.1586	71.3680	2.1122	0.0000	0.0000	8.7677	0.4790
2017-07-04 23:13:00	28.0761	70.7439	1.9862	0.0000	0.0000	8.5144	0.4638
2017-07-04 23:45:00	28.4638	72.1213	2.0528	0.0000	0.0000	8.6810	0.4794
2017-07-05 00:00:00	28.5877	72.9413	2.0852	0.0000	0.0000	8.7361	0.4845
2017-07-05 00:15:00	28.4398	73.4220	2.0881	0.0001	0.0000	8.7592	0.4833
2017-07-05 00:30:00	28.5317	74.6163	2.1289	0.0002	0.0000	9.0637	0.5017
2017-07-05 00:45:00	28.4507	72.4292	2.0607	0.0000	0.0000	9.0637	0.5003
2017-07-05 01:00:00	28.5216	71.2411	2.0319	0.0006	0.0000	9.0637	0.5015
2017-07-05 01:15:00	28.5319	72.7825	2.0766	0.0005	0.0000	9.0637	0.5017
2017-07-05 01:30:00	28.4873	70.1042	1.9971	0.0000	0.0000	9.0637	0.5009
2017-07-05 01:45:00	28.5262	70.0445	1.9981	0.0005	0.0000	9.0637	0.5016
2017-07-05 02:00:00	28.4437	67.5975	1.9227	0.0013	0.0000	9.0637	0.5001
2017-07-05 02:15:00	28.3995	72.9776	2.0725	0.0000	0.0000	9.0637	0.4994
2017-07-05 02:30:00	28.5266	75.4952	2.1536	0.0048	0.0001	9.0637	0.5016
2017-07-05 02:45:00	28.4306	73.6462	2.0938	0.0053	0.0002	9.0637	0.4999
2017-07-05 03:00:00	28.3710	68.5824	1.9458	0.0050	0.0001	9.0637	0.4989
2017-07-05 03:15:00	28.1606	71.3738	2.0099	0.0008	0.0000	9.0637	0.4952
2017-07-05 03:30:00	28.4652	76.2725	2.1711	0.0001	0.0000	9.0637	0.5005
2017-07-05 03:45:00	28.6064	68.0072	1.9454	0.0001	0.0000	9.0637	0.5030
2017-07-05 04:00:00	28.1540	69.6055	1.9597	0.0009	0.0000	9.0637	0.4950
2017-07-05 04:15:00	28.0652	75.8528	2.1288	0.0000	0.0000	9.2763	0.5051
2017-07-05 04:30:00	28.3383	68.1201	1.9304	0.0000	0.0000	9.0637	0.4983
2017-07-05 04:45:00	28.0537	70.8619	1.9879	0.0000	0.0000	9.0637	0.4933
2017-07-05 05:00:00	28.1185	67.8396	1.9075	0.0000	0.0000	9.0637	0.4944
2017-07-05 05:15:00	28.4080	72.5857	2.0620	0.0000	0.0000	9.0637	0.4995
2017-07-05 05:30:00	28.4237	72.0340	2.0475	0.0000	0.0000	9.0637	0.4998
2017-07-05 05:45:00	28.3598	71.6316	2.0315	0.0000	0.0000	9.0637	0.4987
2017-07-05 06:00:00	28.2143	69.4151	1.9585	0.0000	0.0000	9.0637	0.4961
2017-07-05 06:15:00	28.2448	72.6253	2.0513	0.0000	0.0000	9.0637	0.4966
2017-07-05 06:30:00	28.2217	69.2459	1.9542	0.0000	0.0000	9.0637	0.4962
2017-07-05 06:45:00	27.9956	69.7317	1.9522	0.0000	0.0000	9.0637	0.4923
2017-07-05 07:00:00	27.7266	66.6535	1.8481	0.0000	0.0000	9.1608	0.4928
2017-07-05 07:15:00	27.9829	73.1858	2.0480	0.0000	0.0000	9.0637	0.4920
2017-07-05 07:30:00	27.9863	68.3746	1.9136	0.0000	0.0000	9.0637	0.4921
2017-07-05 07:45:00	27.8126	70.3231	1.9559	0.0000	0.0000	9.2405	0.4986
2017-07-05 08:00:00	28.1142	68.3528	1.9217	0.0000	0.0000	9.0989	0.4963
2017-07-05 08:15:00	28.0501	73.1453	2.0517	0.0000	0.0000	9.0637	0.4932
2017-07-05 08:30:00	28.2623	71.2825	2.0146	0.0000	0.0000	9.0637	0.4970
2017-07-05 08:45:00	28.3612	72.9887	2.0701	0.0000	0.0000	9.0637	0.4987
2017-07-05 09:00:00	28.1468	70.5836	1.9867	0.0000	0.0000	9.0637	0.4949
2017-07-05 09:15:00	27.9156	68.1373	1.9021	0.0000	0.0000	9.0637	0.4909
2017-07-05 09:30:00	27.8361	70.5898	1.9649	0.0000	0.0000	8.7097	0.4703
2017-07-05 09:45:00	27.8930	70.7083	1.9723	0.0000	0.0000	8.6853	0.4700
2017-07-05 10:00:00	27.8192	72.1878	2.0082	0.0000	0.0000	8.8556	0.4779
2017-07-05 10:15:00	27.9044	74.2512	2.0719	0.7969	0.0222	8.7103	0.4715
2017-07-05 10:30:00	28.2781	71.3978	2.0190	0.0000	0.0000	9.0637	0.4972
2017-07-05 10:45:00	29.0736	70.8530	2.0600	0.0000	0.0000	9.6373	0.5436
2017-07-05 11:00:00	29.9167	69.5039	2.0793	0.0000	0.0000	10.4233	0.6050
2017-07-05 11:15:00	30.2637	70.4248	2.1313	0.0000	0.0000	11.2167	0.6586
2017-07-05 11:30:00	30.5140	67.4424	2.0579	0.0000	0.0000	11.3531	0.6721
2017-07-05 11:45:00	31.7732	69.5854	2.2110	0.0000	0.0000	12.3098	0.7588

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ох	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-07-05 12:00:00	33.1587	72.3726	2.3998	0.0000	0.0000	12.8747	0.8282
2017-07-05 12:15:00	34.0728	62.1287	2.1169	0.0000	0.0000	14.1350	0.9343
2017-07-05 12:30:00 2017-07-05 12:45:00	34.2103	62.9917	2.1550	0.0000	0.0000	14.4339 14.5569	0.9579
2017-07-05 12:45:00	34.3216 34.3881	75.7523 74.2055	2.5999 2.5518	0.0000 0.0000	0.0000 0.0000	14.8022	0.9693 0.9875
2017-07-05 13:00:00	34.7195	74.2055	2.5518	0.0000	0.0000	15.1372	1.0196
2017-07-05 13:13:00	35.6928	74.1156	2.6454	0.0000	0.0000	15.8592	1.0982
2017-07-05 13:30:00	36.6521	68.6273	2.5153	0.0000	0.0000	16.5710	1.1783
2017-07-05 14:00:00	36.8729	74.1641	2.7346	0.0000	0.0000	15.7676	1.1279
2017-07-05 14:15:00	37.1376	84.1768	3.1261	0.0000	0.0000	15.9331	1.1479
2017-07-05 14:30:00	37.2130	98.6625	3.6715	0.0000	0.0000	16.3610	1.1812
2017-07-05 14:45:00	37.3483	69.1646	2.5832	0.0000	0.0000	16.5715	1.2007
2017-07-05 15:00:00	37.5734	82.5823	3.1029	0.0000	0.0000	16.6541	1.2140
2017-07-05 15:15:00	37.6542	82.3234	3.0998	0.0000	0.0000	17.5299	1.2805
2017-07-05 15:30:00	38.4219	83.4823	3.2075	0.0000	0.0000	18.0155	1.3429
2017-07-05 15:45:00	38.9428	71.3662	2.7792	0.0000	0.0000	18.1563	1.3717
2017-07-05 16:00:00	39.1891	87.2416	3.4189	0.0000	0.0000	18.3266	1.3933
2017-07-05 16:15:00	39.0380	72.2905	2.8221	0.0000	0.0000	18.5873	1.4077
2017-07-05 16:30:00	39.0536	81.0564	3.1655	0.0000	0.0000	18.7162	1.4180
2017-07-05 16:45:00	38.9077	68.9889	2.6842	0.0000	0.0000	18.7087	1.4121
2017-07-05 17:00:00	38.8575	71.0209	2.7597	0.0000	0.0000	18.8581	1.4216
2017-07-05 17:15:00	38.8872	68.0881	2.6478	0.0000	0.0000	19.1007	1.4410
2017-07-05 17:30:00	39.0283	62.8654	2.4535	0.0000	0.0000	19.1345	1.4488
2017-07-05 17:45:00	39.2308	67.1275	2.6335	0.0000	0.0000	18.9563	1.4427
2017-07-05 18:00:00	39.1426	68.8551	2.6952	0.0000	0.0000	18.8438	1.4309
2017-07-05 18:15:00	39.1193	64.1001	2.5076	0.0000	0.0000	18.9006	1.4344
2017-07-05 18:30:00	39.1191	65.6593	2.5685	0.0000	0.0000	18.8476	1.4304
2017-07-05 18:45:00	38.8680	66.7120	2.5930	0.0000	0.0000	18.6103	1.4033
2017-07-05 19:00:00	38.8527	68.7427	2.6708	0.0000	0.0000	18.9254	1.4265
2017-07-05 19:15:00	38.9720	66.9102	2.6076	0.0000	0.0000	18.8475	1.4250
2017-07-05 19:30:00	39.0130	67.0229	2.6148	0.0000	0.0000	19.1345	1.4482
2017-07-05 19:45:00	39.0265	68.6932	2.6809	0.0000	0.0000	19.2637	1.4585
2017-07-05 20:00:00	38.9987	70.5985	2.7533	0.0000	0.0000	19.6686	1.4881
2017-07-05 20:15:00	39.3570	73.1406	2.8786	0.0000	0.0000	20.6734	1.5785
2017-07-05 20:30:00	39.2156	65.0639	2.5515	0.0000	0.0000	20.2019	1.5369
2017-07-05 20:45:00	39.1748 39.1581	68.3216 72.1308	2.6765 2.8245	0.0000 0.0000	0.0000 0.0000	20.1604 19.7234	1.5322 1.4983
2017-07-05 21:00:00 2017-07-05 21:15:00	39.2168	68.1054	2.6709	0.0000	0.0000	19.7234	
2017-07-05 21:15:00	39.0862	74.5313	2.9131	0.0000	0.0000	19.7244	1.5171 1.4956
2017-07-05 21:30:00	39.0533	71.0701	2.7755	0.0000	0.0000	19.8944	1.5073
2017-07-05 22:00:00	39.3589	68.5071	2.6964	0.0000	0.0000	20.3826	1.5563
2017-07-05 22:15:00	39.5978	70.4854	2.7911	0.0000	0.0000	20.5738	1.5805
2017-07-05 22:30:00	39.5451	74.7404	2.9556	0.0000	0.0000	20.6534	1.5845
2017-07-05 22:45:00	39.3589	73.0517	2.8752	0.0000	0.0000	20.7891	1.5874
2017-07-05 23:00:00	39.5379	76.3738	3.0197	0.0000	0.0000	21.1487	1.6222
2017-07-05 23:15:00	39.6943	86.7941	3.4452	0.0000	0.0000	21.1268	1.6269
2017-07-05 23:30:00	39.7163	78.2416	3.1075	0.0000	0.0000	21.5928	1.6637
2017-07-05 23:45:00	39.4415	75.3569	2.9722	0.0000	0.0000	21.3622	1.6346
2017-07-06 00:00:00	39.2353	95.7475	3.7567	0.0000	0.0000	21.2029	1.6139
2017-07-06 00:15:00	39.4771	70.5177	2.7838	0.0000	0.0000	21.4175	1.6403
2017-07-06 00:30:00	39.4811	70.0103	2.7641	0.0000	0.0000	21.0999	1.6161
2017-07-06 00:45:00	39.5476	69.3628	2.7431	0.0000	0.0000	20.8395	1.5989
2017-07-06 01:00:00	39.6793	69.6627	2.7642	0.0000	0.0000	20.9924	1.6160
2017-07-06 01:15:00	39.6550	71.1567	2.8217	0.0000	0.0000	21.0178	1.6169
2017-07-06 01:30:00	39.6366	69.1379	2.7404	0.0000	0.0000	21.1487	1.6262
2017-07-06 01:45:00	39.7368	69.5244	2.7627	0.0000	0.0000	21.1588	1.6311
2017-07-06 02:00:00	39.7016	75.3538	2.9917	0.0000	0.0000	20.7001	1.5943
2017-07-06 02:15:00	39.5365	69.1274	2.7331	0.0000	0.0000	21.1039	1.6187
2017-07-06 02:30:00	39.5828	74.3505	2.9430	0.0000	0.0000	20.9095	1.6057
2017-07-06 02:45:00	39.6320	70.3449	2.7879	0.0000	0.0000	21.1487	1.6260
2017-07-06 03:00:00	39.4864	72.3261	2.8559	0.0000	0.0000	21.1847	1.6228
2017-07-06 03:15:00	39.5931	74.0524	2.9320	0.0000	0.0000	21.1601	1.6253
2017-07-06 03:30:00	39.7397	69.4115	2.7584	0.0000	0.0000	21.1487	1.6305
2017-07-06 03:45:00	39.5697	72.3121	2.8614	0.0000	0.0000	21.4111	1.6436
2017-07-06 04:00:00	39.6355	71.9360	2.8512	0.0000	0.0000	21.2421	1.6334
2017-07-06 04:15:00	39.3939	72.2074	2.8445	0.0000	0.0000	21.0485	1.6086
2017-07-06 04:30:00	39.6084	73.9223	2.9279	0.0000	0.0000	21.5430	1.6554
2017-07-06 04:45:00	39.9682	67.3733	2.6928	0.0000	0.0000	21.4502	1.6632
2017-07-06 05:00:00	40.1719	85.2742	3.4256	0.0000	0.0000	19.6113	1.5284
2017-07-06 05:15:00	40.3470	57.1881	2.3074	0.0000	0.0000	13.9120	1.0889
2017-07-06 05:30:00	40.0658	73.5614	2.9473	0.0000	0.0000	19.3593	1.5048
2017-07-06 05:45:00	39.9646	76.8836	3.0726	0.0000	0.0000	17.6647	1.3696
2017-07-06 06:00:00	39.8645	73.9448	2.9478	0.0000	0.0000	19.7064	1.5240
2017-07-06 06:15:00	39.7472	66.7588	2.6535	0.0000	0.0000	20.1485	1.5536
2017-07-06 06:30:00	39.7322	74.3872	2.9556	0.0000	0.0000	20.1573	1.5537

		Point Source Air E	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-07-06 06:45:00	39.6674	67.9293	2.6946	0.0000	0.0000	20.6268	1.5873
2017-07-06 07:00:00	39.4798	70.6943	2.7910	0.0000	0.0000	20.2103	1.5479
2017-07-06 07:15:00	39.3745	68.8647	2.7115	0.0000	0.0000	20.6849	1.5800
2017-07-06 07:30:00	38.9500	71.2520	2.7753	0.0000	0.0000	20.5560	1.5533
2017-07-06 07:45:00	38.9199	72.8723	2.8362	0.0000	0.0000	20.1416	1.5208
2017-07-06 08:00:00	38.8411	69.9334	2.7163	0.0000	0.0000	20.4239	1.5390
2017-07-06 08:15:00	39.2382	73.1982	2.8722	0.0000	0.0000	20.6715	1.5736
2017-07-06 08:30:00	39.2652	75.3282	2.9578	0.0000	0.0000	21.0632	1.6045
2017-07-06 08:45:00	39.3052	71.8060	2.8223	0.0000	0.0000	20.9465	1.5972
2017-07-06 09:00:00	39.6915	73.2192	2.9062	0.0000	0.0000	20.9182	1.6107
2017-07-06 09:15:00	39.6702	70.9383	2.8141	0.0000	0.0000	21.1487	1.6276
2017-07-06 09:30:00	39.5907	75.3700	2.9840	0.0000	0.0000	21.0343	1.6156
2017-07-06 09:45:00	39.0676	72.5784	2.8355	0.0000	0.0000	20.5801	1.5598
2017-07-06 10:00:00 2017-07-06 10:15:00	38.8371 38.7649	67.9095 75.8062	2.6374 2.9386	0.0000 0.7898	0.0000 0.0306	20.1416 19.9622	1.5176 1.5012
2017-07-06 10:15:00	38.7541	75.1830	2.9386	0.0000	0.0000	19.5516	1.4699
2017-07-06 10:30:00	39.0731	73.1830	2.8171	0.0000	0.0000	19.1345	1.4594
2017-07-06 10:43:00	39.2035	84.6105	3.3170	0.0000	0.0000	19.1345	1.4553
2017-07-06 11:00:00	39.1647	74.5867	2.9212	0.0000	0.0000	19.3629	1.4712
2017-07-06 11:30:00	39.2665	70.0628	2.7511	0.0000	0.0000	19.5577	1.4898
2017-07-06 11:30:00	39.0282	72.3277	2.8228	0.0000	0.0000	19.1345	1.4488
2017-07-06 11:43:00	39.0230	73.3089	2.8607	0.0000	0.0000	18.6798	1.4141
2017-07-06 12:00:00	38.9952	73.3089	2.8383	0.0000	0.0000	18.5455	1.4030
2017-07-06 12:13:00	38.7873	69.8159	2.7080	0.0000	0.0000	18.1274	1.3640
2017-07-06 12:45:00	38.5175	73.5839	2.8343	0.0000	0.0000	18.1325	1.3549
2017-07-06 13:00:00	38.3230	72.8591	2.7922	0.0000	0.0000	18.0400	1.3412
2017-07-06 13:15:00	38.3053	68.6986	2.6315	0.0000	0.0000	17.7612	1.3199
2017-07-06 13:30:00	38.3283	68.9564	2.6430	0.0000	0.0000	17.8888	1.3302
2017-07-06 13:45:00	38.2813	71.4114	2.7337	0.0000	0.0000	17.9468	1.3328
2017-07-06 14:00:00	38.0907	72.6245	2.7663	0.0000	0.0000	17.9956	1.3298
2017-07-06 14:15:00	38.1216	68.8251	2.6237	0.0000	0.0000	17.9382	1.3266
2017-07-06 14:30:00	38.2747	70.5854	2.7016	0.0000	0.0000	17.9199	1.3306
2017-07-06 14:45:00	38.2665	73.4772	2.8117	0.0000	0.0000	18.1085	1.3443
2017-07-06 15:00:00	38.3343	68.3196	2.6190	0.0000	0.0000	17.8516	1.3276
2017-07-06 15:15:00	38.1858	70.1465	2.6786	0.0000	0.0000	17.6904	1.3105
2017-07-06 15:30:00	38.1529	72.4432	2.7639	0.0000	0.0000	17.8851	1.3238
2017-07-06 15:45:00	38.1539	72.4877	2.7657	0.0000	0.0000	17.6013	1.3028
2017-07-06 16:00:00	38.2812	70.8626	2.7127	0.0000	0.0000	17.6068	1.3076
2017-07-06 16:15:00	38.4020	66.6976	2.5613	0.0000	0.0000	17.8241	1.3279
2017-07-06 16:30:00	38.4498	56.2586	2.1631	0.0000	0.0000	17.9034	1.3355
2017-07-06 16:45:00	38.3654	46.6131	1.7883	0.0000	0.0000	17.9749	1.3378
2017-07-06 17:00:00	38.2883	40.0694	1.5342	0.0000	0.0000	18.0536	1.3410
2017-07-06 17:15:00	38.3053	32.3793	1.2403	0.0000	0.0000	18.0396	1.3406
2017-07-06 17:30:00	38.3884	29.3942	1.1284	0.0000	0.0000	18.0872	1.3470
2017-07-06 17:45:00	38.4609	30.8497	1.1865	0.0000	0.0000	18.2055	1.3584
2017-07-06 18:00:00	38.5646	27.3306	1.0540	0.0000	0.0000	19.5845	1.4652
2017-07-06 18:15:00	38.5711	12.8274	0.4948	0.0000	0.0000	23.0544	1.7251
2017-07-06 18:30:00	38.7743	19.5045	0.7563	0.0000	0.0000	23.0300	1.7324
2017-07-06 18:45:00	38.7143	30.0806	1.1646	0.0000	0.0000	23.4444	1.7608
2017-07-06 19:00:00	38.9374	27.9095	1.0867	0.0000	0.0000	23.6985	1.7902
2017-07-06 19:15:00	39.2201	28.0346	1.0995	0.0000	0.0000	24.1235	1.8355
2017-07-06 19:30:00	39.0577	31.4054	1.2266	0.0000	0.0000	23.6747	1.7939
2017-07-06 19:45:00	38.4085	32.3301	1.2418	0.0000	0.0000	23.2264	1.7307
2017-07-06 20:00:00	37.0402	30.6981	1.1371	0.0000	0.0000	22.1061	1.5885
2017-07-06 20:15:00	35.9302	28.9035	1.0385	0.0000	0.0000	21.5606	1.5029
2017-07-06 20:30:00	34.1920	30.3790	1.0387	0.0000	0.0000	20.4777	1.3583
2017-07-06 20:45:00	11.0266	582.8445	6.4268	1.3478	0.0149	18.2783	0.3910
2017-07-06 21:00:00	0.0000	0.0000	0.0000	3.3311	0.0000	17.9677	0.0000
2017-07-06 21:15:00	0.0000	0.0000	0.0000	0.3809	0.0000	21.0114	0.0000
2017-07-06 21:30:00	0.0000	0.0000	0.0000	6.5199	0.0000	31.4961	0.0000
2017-07-06 21:45:00	0.0000	2554.6146	0.0000	11.2500	0.0000	38.3057	0.0000
2017-07-06 22:00:00	0.0000	1164.0685	0.0000	11.2500	0.0000	38.1789	0.0000
2017-07-06 22:15:00	0.0000	496.7082	0.0000	11.2500	0.0000	37.1123	0.0000
2017-07-06 22:30:00	0.0000	236.6901	0.0000	11.2500	0.0000	35.8763	0.0000
2017-07-06 22:45:00	0.0000	120.0320	0.0000	11.2500	0.0000	34.2734	0.0000
2017-07-06 23:00:00	0.0000	78.2412	0.0000	11.2500	0.0000	38.2465	0.0000
2017-07-06 23:15:00	0.0000	56.7090 46.0874	0.0000	11.2500	0.0000	44.2326	0.0000
2017-07-06 23:30:00	0.0000	46.0874	0.0000	11.2500	0.0000	47.1751	0.0000
2017-07-06 23:45:00	0.0000	40.0924	0.0000	11.2500	0.0000	43.3672	0.0000
2017-07-07 00:00:00	0.0000	38.1786	0.0000	11.2500	0.0000	38.1271	0.0000
2017-07-07 00:15:00	0.0000 0.0000	38.0918 39.5743	0.0000 0.0000	11.2500 11.2500	0.0000 0.0000	33.7208 31.6037	0.0000 0.0000
2017-07-07 00-20-00	0.0000	37.3743	0.0000	11.2000	0.0000	31.003/	0.0000
2017-07-07 00:30:00 2017-07-07 00:45:00	0.0000	35 1126	0 0000	11 2500	0 0000	33 7161	0 0000
2017-07-07 00:30:00 2017-07-07 00:45:00 2017-07-07 01:00:00	0.0000 0.0000	35.1136 31.6085	0.0000 0.0000	11.2500 11.2500	0.0000 0.0000	33.7161 36.0008	0.0000 0.0000

		Point Source Air F	missions - A2 Nitric	Acid Stack			
Parameter	Volumetric Flow Rate		Ox	NH3		N.	20
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s
2017-07-07 01:30:00	0.0000	26.5854	0.0000	11.2500	0.0000	33.8334	0.0000
2017-07-07 01:45:00	0.0000	24.9840	0.0000	11.2500	0.0000	31.7819	0.0000
2017-07-07 02:00:00	0.0000	23.5348	0.0000	11.2500	0.0000	30.3766	0.0000
2017-07-07 02:15:00	0.0000	22.1873	0.0000	11.2500	0.0000	30.0557	0.0000
2017-07-07 02:30:00	0.0000	21.0655	0.0000	11.2500	0.0000	30.1448	0.0000
2017-07-07 02:45:00	0.0000	20.0110	0.0000	11.2500	0.0000	30.2124	0.0000
2017-07-07 03:00:00	0.0000	18.9915	0.0000	11.2500	0.0000	29.7155	0.0000
2017-07-07 03:15:00	0.0000	18.2355	0.0000	11.2500	0.0000	28.5775	0.0000
2017-07-07 03:30:00	0.0000	17.3111	0.0000	11.2500	0.0000	27.1829	0.0000
2017-07-07 03:45:00	0.0000	16.5333	0.0000	11.2500	0.0000	25.6002	0.0000
2017-07-07 04:00:00	0.0000	15.5102	0.0000	11.2500	0.0000	24.7270	0.0000
2017-07-07 04:15:00	0.0000	14.7944	0.0000	11.2500	0.0000	23.9039	0.0000
2017-07-07 04:30:00	0.0000	13.8303	0.0000	11.2500	0.0000	23.0959	0.0000
2017-07-07 04:45:00	0.0000	13.3567	0.0000	11.2500	0.0000	22.0451	0.0000
2017-07-07 05:00:00	0.0000	12.6246	0.0000	11.2500	0.0000	20.7180	0.0000
2017-07-07 05:15:00	0.0000	11.9845	0.0000	11.2500	0.0000	19.0576	0.0000
2017-07-07 05:30:00	0.0000	11.6227	0.0000	11.2500	0.0000	17.5620	0.0000
2017-07-07 05:45:00	0.0000	10.6701	0.0000	11.2500	0.0000	16.1591	0.0000
2017-07-07 06:00:00	0.0000	10.4203	0.0000	11.2500	0.0000	14.9599	0.0000
2017-07-07 06:15:00	0.0000	9.9650	0.0000	11.2500	0.0000	13.9256	0.0000
2017-07-07 06:30:00	0.0000	9.4184	0.0000	11.2500	0.0000	12.8315	0.0000
2017-07-07 06:45:00 2017-07-07 07:00:00	0.0000	9.4184	0.0000	11.0008	0.0000	11.8273 10.8517	0.0000
2017-07-07 07:00:00	0.0000 0.0000	8.7918 8.2160	0.0000 0.0000	10.4500 9.9006	0.0000 0.0000	9.9876	0.0000
2017-07-07 07:15:00	0.0000	8.2160 8.2162	0.0000	9.9006 9.0563	0.0000	9.9876 9.2244	0.0000
2017-07-07 07:35:00	0.0000	8.2160	0.0000	8.2381	0.0000	8.4366	0.0000
2017-07-07 07:43:00	0.0000	8.2160	0.0000	7.6030	0.0000	7.8156	0.0000
2017-07-07 08:00:00	0.0000	8.2160	0.0000	7.2036	0.0000	7.0541	0.0000
2017-07-07 08:13:00	0.0000	8.2160	0.0000	6.7421	0.0000	6.4331	0.0000
2017-07-07 08:35:00	0.0000	8.2160	0.0000	6.2641	0.0000	5.8207	0.0000
2017-07-07 08:43:00	0.0000	8.2160	0.0000	5.9865	0.0000	5.3674	0.0000
2017-07-07 09:15:00	0.0000	8.2160	0.0000	5.5834	0.0000	4.9967	0.0000
2017-07-07 09:30:00	0.0000	8.2160	0.0000	5.3672	0.0000	4.1901	0.0000
2017-07-07-09:45:00	0.0000	8.2160	0.0000	5.1278	0.0000	3.8050	0.0000
2017-07-07 10:00:00	0.0000	608.3810	0.0000	2.5540	0.0000	3.5335	0.0000
2017-07-07 10:15:00	0.0000	0.0000	0.0000	0.9351	0.0000	2.7753	0.0000
2017-07-07 10:30:00	0.0000	1406.4572	0.0000	0.0018	0.0000	2.0494	0.0000
2017-07-07 10:45:00	0.0000	237.3845	0.0000	0.0000	0.0000	0.3926	0.0000
2017-07-07 11:00:00	0.0000	131.2185	0.0000	0.0000	0.0000	0.3283	0.0000
2017-07-07 11:15:00	0.0000	102.0625	0.0000	0.0000	0.0000	1.0071	0.0000
2017-07-07 11:30:00	0.0000	83.2781	0.0000	0.0021	0.0000	0.8783	0.0000
2017-07-07 11:45:00	0.0000	66.0258	0.0000	0.0003	0.0000	0.3148	0.0000
2017-07-07 12:00:00	0.0000	53.1463	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 12:15:00	0.0000	51.6148	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 12:30:00	0.0000	53.9046	0.0000	0.0001	0.0000	0.0000	0.0000
2017-07-07 12:45:00	0.0000	50.6797	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 13:00:00	0.0000	50.1484	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 13:15:00	0.0000	52.0299	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 13:30:00	0.0000	52.6141	0.0000	0.0021	0.0000	0.0000	0.0000
2017-07-07 13:45:00	0.0000	52.6362	0.0000	0.0076	0.0000	0.0000	0.0000
2017-07-07 14:00:00	0.0000	51.5440	0.0000	0.0126	0.0000	0.0000	0.0000
2017-07-07 14:15:00	0.0000	51.1677	0.0000	0.0117	0.0000	0.0000	0.0000
2017-07-07 14:30:00	0.0000	51.9856	0.0000	0.0026	0.0000	0.0000	0.0000
2017-07-07 14:45:00	0.0000	53.5922	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 15:00:00	0.0000	54.2415	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 15:15:00	0.0000	55.1586	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 15:30:00	0.0000	54.4599	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 15:45:00	0.0000	54.6398	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 16:00:00	0.0000	53.5611	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 16:15:00	0.0000	51.8442	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 16:30:00	0.0000	51.2183	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 16:45:00	0.0000	50.3036	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 17:00:00	0.0000	49.0737	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 17:15:00	0.0000	48.0984	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 17:30:00	0.0000	47.1887	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 17:45:00	0.0000	45.7904	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 18:00:00	0.0000	43.6502	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 18:15:00	0.0000	40.6715	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 18:30:00	0.0000	38.9228	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 18:45:00	0.0000	37.7883	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 19:00:00	0.0000	37.1428	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 13.00.00			0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 19:00:00	0.0000	36.4419	0.0000	0.0000	0.0000	0.0000	0.0000
	0.0000 0.0000	36.4419 35.8325	0.0000	0.0000	0.0000	0.0000	0.0000
2017-07-07 19:15:00							

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Point Source Air Emissions - A2 Nitric Acid Stack										
Parameter	Volumetric Flow Rate	NOx		NH3		N:	N2O			
Unit	m3/sec	mg/Nm3	g/s	mg/Nm3	g/s	ppmv	g/s			
2017-07-07 20:15:00	0.0000	34.6676	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 20:30:00	0.0000	34.6676	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 20:45:00	0.0000	34.5511	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 21:00:00	0.0000	34.4144	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 21:15:00	0.0000	33.5786	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 21:30:00	0.0000	33.3426	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 21:45:00	0.0000	32.7699	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 22:00:00	0.0000	32.4633	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 22:15:00	0.0000	32.3408	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 22:30:00	0.0000	32.1226	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 22:45:00	0.0000	31.6951	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 23:00:00	0.0000	31.3943	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 23:15:00	0.0000	31.3683	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 23:30:00	0.0000	31.1645	0.0000	0.0000	0.0000	0.0000	0.0000			
2017-07-07 23:45:00	0.0000	30.9310	0.0000	0.0000	0.0000	0.0000	0.0000			



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Passive Gas Results

Date & Time	Date & Time	NO ₂	HNO₃	SO ₂	NH ₃
on	off	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Site 5 (Burrup Road)					
01/09/2016 @1200	16/09/2016 @1545	4.29	0.30	1.05	0.33
16/09/2016 @1545	01/10/2016 @1100	3.32	0.05	0.30	0.34
01/10/2016 @1100	14/10/2016 @1130	0.38	0.15	0.12	0.00
14/10/2016 @1130	01/11/2016 @1400	4.31	0.04	0.88	0.40
01/11/2016 @1400	15/11/2016 @0830	4.42	0.07	0.52	0.31
15/11/2016 @0800	01/12/2016 @1330	4.60	0.00	0.36	0.33
01/12/2016 @1330	15/12/2016 @0930	3.31	0.00	0.27	0.65
15/12/2016 @0930	30/12/2016 @0900	3.43	0.45	1.54	1.13
30/12/2016 @0900	13/01/2017 @0930	2.43	0.07	0.08	0.33
13/01/2017 @0950	30/01/2017 @1045	1.30	0.08	0.12	0.84
30/01/2017 @1045	13/02/2017 @1345	1.51	0.04	0.13	0.81
13.02.2017 @ 1345	01.03.2017 @1330	2.87	0.00	0.06	2.22
01.03.2017 @ 1300	14.03.2017 @ 1100	2.61	0.00	0.03	1.16
14.03.2017 @1100	31.03.2017 @ 1000	1.87	0.00	0.01	1.25
31.03.2017 @ 1000	13.04.2017 @ 1400	2.80	0.04	0.07	1.83
13.04.2017 @ 1400	29.04.2017 @ 1330	0.80	0.37	0.07	3.35
29.04.2017 @1330	15.05.2017 @0940	3.89	0.06	0.07	2.92
15.05.2017 @0940	01.06.2017 @1100	0.44	1.49	1.29	2.21
01.06.2017 @1100	15.06.2017 @1030	3.30	0.14	0.13	1.82
15.06.2017 @1030	30.06.2017 @1330	5.08	0.27	0.46	2.25
30.06.2017 @1400	14.07.2017 @1400	3.97	0.39	0.20	1.97
Site 6 (Water Tanks)					
01/09/2016 @1200	16/09/2016 @1504	3.56	0.07	0.51	1.78
01/09/2016 @1200	16/09/2016 @1504	3.19	0.03	0.43	1.76
16/09/2016 @1504	01/10/2016 @1100	2.25	0.06	0.17	1.77
16/09/2016 @1504	01/10/2016 @1100	2.38	0.17	0.19	1.79
01/10/2016 @1100	14/10/2016 @1130	0.31	0.15	0.24	0.00
01/10/2016 @1100	14/10/2016 @1130	0.31	0.00	0.24	0.00
14/10/2016 @1130	01/11/2016 @1400	2.96	0.02	0.24	0.99
14/10/2016 @1130	01/11/2016 @1400	3.28	0.03	0.51	1.13
01/11/2016 @1400	15/11/2016 @0830	3.77	0.05	0.27	1.77
01/11/2016 @1400	15/11/2016 @0830	3.66	0.06	0.15	1.80
15/11/2016 @0830	01/12/2016 @1400	3.87	0.00	0.57	0.90
15/11/2016 @0830	01/12/2016 @1400	4.21	0.00	0.27	0.86
01/12/2016 @1400	15/12/2016 @1000	2.40	0.05	0.75	1.61
01/12/2016 @1400	15/12/2016 @1000	2.46	0.00	0.10	1.63
15/12/2016 @1000	30/12/2016 @1000	2.85	0.00	0.23	0.81
15/12/2016 @1000	30/12/2016 @1000	2.74	0.00	0.25	0.81
30/12/0216 @1000	13/01/2017 @1010	1.98	0.08	0.05	0.33
30/12/0216 @1000	13/01/2017 @1010	1.98	0.10	0.09	0.33
13/01/2017 @1010	30/01/2017 @1010	1.16	0.03	0.03	1.24
13/01/2017 @1010	30/01/2017 @1100	1.02	0.05	0.02	1.10
30/01/2017 @1010	13/02/2017 @1400	1.51	0.05	0.02	2.75
30/01/2017 @1100	13/02/2017 @1400	1.45	0.03	0.03	2.75
13.02.2017 @ 1400	01.03.2017 @1330	2.57	0.00	0.04	3.35
13.02.2017 @ 1400	01.03.2017 @1330	2.33	0.00	0.08	2.90
01.03.2017 @ 1300	14.03.2017 @ 1100	1.59	0.02	0.09	2.90
01.03.2017 @ 1300	14.03.2017 @ 1100	3.01	0.34	0.42	1.96
14.03.2017 @ 1300	31.03.2017 @ 1000	0.23	0.01	0.08	0.28
14.03.2017 @1100	31.03.2017 @ 1000		0.01	0.03	0.28
	13.04.2017 @ 1000	2.84			
31.03.2017 @ 1000		1.51	0.04	0.05	0.86
31.03.2017 @ 1000	13.04.2017 @ 1400	2.41	0.04	0.06	1.98

Date & Time	Date & Time	NO ₂	HNO₃	SO ₂	NH ₃
on	off	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
13.04.2017 @ 1400	29.04.2017 @ 1330	1.59	0.02	0.02	1.53
13.04.2017 @ 1400	29.04.2017 @ 1330	1.49	0.06	0.02	1.30
29.04.2017 @1330	15.05.2017 @0900	2.60	0.06	0.05	1.13
29.04.2017 @1330	15.05.2017 @0900	2.40	0.06	0.04	1.25
15.05.2017 @0900	01.06.2017 @1100	2.15	0.08	0.13	2.84
15.05.2017 @0900	01.06.2017 @1100	2.24	0.09	0.13	2.84
01.06.2017 @1100	15.06.2017 @1030	1.10	0.09	0.05	0.08
01.06.2017 @1100	15.06.2017 @1030	1.15	0.07	0.04	0.10
15.06.2017 @1030	30.06.2017 @1330	2.37	0.06	0.09	1.33
15.06.2017 @1030	30.06.2017 @1330	2.58	0.08	0.10	1.30
30.06.2017 @1400	14.07.2017 @1400	2.34	0.08	0.15	1.03
30.06.2017 @1400	14.07.2017 @1400	2.51	0.09	0.14	0.85
Site 7 (Deep Gorge)	-				
01/09/2016 @1200	16/09/2016 @1524	2.64	0.25	0.35	0.66
16/09/2016 @1524	01/10/2016 @1100	2.25	0.09	0.22	0.51
01/10/2016 @1100	14/10/2016 @1130	0.40	0.00	0.18	0.00
14/10/2016 @1130	01/11/2016 @1400	2.83	0.03	0.39	0.71
01/11/2016 @1400	15/11/2016 @0830	2.37	0.02	0.22	0.86
15/11/2016 @0730	01/12/2016 @1300	4.12	0.00	0.19	2.40
01/12/2016 @1300	15/12/2016 @0900	3.26	0.00	0.15	2.20
15/12/2016 @0900	30/12/2016 @0930	3.26	0.00	0.30	1.86
30/12/2016 @0930	13/01/2017 @0930	2.88	0.08	0.12	1.74
13/01/2017 @0930	30/01/2017 @1030	1.51	0.04	0.13	0.81
30/01/2017 @1030	13/02/2017 @1330	1.29	0.09	0.14	1.32
13.02.2017 @ 1330	01.03.2017 @1330	2.08	0.00	0.06	1.66
01.03.2017 @ 1300	14.03.2017 @ 1100	2.50	0.01	0.07	0.34
14.03.2017 @1100	31.03.2017 @ 1000	2.47	0.03	0.04	0.21
31.03.2017 @ 1000	13.04.2017 @ 1400	1.35	0.04	0.02	0.00
13.04.2017 @ 1400	29.04.2017 @ 1330	1.68	1.53	0.39	0.36
29.04.2017 @1330	15.05.2017 @0920	2.05	0.05	0.02	0.95
15.05.2017 @0920	01.06.2017 @1100	2.05	0.06	0.22	0.80
01.06.2017 @1100	15.06.2017 @1030	3.30	0.14	0.13	1.82
15.06.2017 @1030	30.06.2017 @1330	5.08	0.27	0.46	2.25
30.06.2017 @1400	14.07.2017 @1400	3.97	0.39	0.20	1.97



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Attachment 13

Baseline Air Quality Monitoring Report submitted to the Federal Department of the Environment & Energy on 16 June 2017.



Rev 0

Yara Pilbara Nitrates EPBC Approval 2008/4546 Baseline Air Quality Monitoring Report

Document No:	250-200-REP-YPN-0002
Validity	This document is was issued on 16 June 2017
Document Custodian	Susan Giles (Environment Superintendent)
Document Approver	Brian Howarth (HESQ Manager)



YPN - Baseline Air Quality Monitoring Report

16-06-2016 250-200-REP-YPN-0002 Rev 0

Document Approval

Rev	Custodian	Approver	Signature	Date
	Susan Giles	Brian Howarth		
	Environment Superintendent	Health, Environment, Safety & Quality Manager	09 Hours	16-06-2017

Revision History

Rev	Date	Description	Author
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0		For issue to Department of the Environment and Energy	S. Giles



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1 Purpose

The purpose of this report is to inform the Department of the Environment and Energy (DEE) of the findings from the baseline monitoring program carried out as per the requirements of Condition 9 of EPBC Approval 2008/4546 for the Yara Pilbara Nitrates Pty Ltd (YPN) Technical Ammonium Nitrate Plant (TAN Plant). This report is provided in response to Condition 9(d) of the EPBC Approval (Section 3.1).

2 Definitions and Acronyms

Term	Definition	Description and context for this report
AN	Ammonium nitrate	Product from the YPN TAN plant
CSIRO	Commonwealth Scientific & Industrial Research Organisation	Federal government agency for scientific research in Australia
CSIRO passive sampler	Sampler for gaseous substances in ambient air	Sampling devices developed and provided by CSIRO for passively monitoring airborne concentrations of gases
DDG	Dust deposition gauge	Device for sampling of dust which settles from the air column under gravity
DEE	Department of the Environment and Energy	Australian Government department
EPBC	Environment Protection and Biodiversity Conservation	Refers to the Australian Government EPBC Act of 1999
HNO ₃	Nitric Acid	Gaseous air pollutant formed in the atmosphere from NOx reactions
HVAS	High volume air sampler	Instrument for sampling of TSP in ambient air with air flow of 1.6 m³/min or PM ₁₀ with an air flow of 1.13 m³/min
L/min	Litres per minute	Air sampling flow rate units for LVAS
LVAS	Low volume air sampler	Instrument for sampling of TSP or PM ₁₀ in ambient air with air flow rates of 3-5 L/min (0.003-0.005 m ³ /min)
m³/min	Cubic metre per minute	Air sampling flow rate units for HVAS
MicroVol	MicroVol 1100 low volume sampler	LVAS instrument for sampling of TSP, manufactured by Ecotech
MiniVol TAS	MiniVol Tactical Air Sampler	LVAS instrument for sampling of TSP, manufactured by Airmetrics
NH ₃	Ammonia	Gaseous air pollutant from natural sources and industrial sources (including YPN TAN plant)
NO	Nitric oxide	Gaseous air pollutant from oxidation of nitrogen containing substances
NO ₂	Nitrogen dioxide	Gaseous air pollutant primarily from combustion sources





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Term	Definition	Description and context for this report
NOx	Nitrogen oxides	Combination of NO and NO ₂ , reported as NO ₂
Passive sampling	Ambient air sampling for gasous substances involving passive samplers	Sampling technique whereby airborne gaseous pollutants are extracted from the air column onto an adsorbent material via a diffusive mechanism
PM ₁₀	Particulate matter (10 micrometre)	Dust particles which are present in ambient air with equivalent aerodynamic diameter of 10 micrometres (µm)
Radiello® passive sampler	Sampler for gaseous substances in ambient air	Sampling devices manufactured by Sigma Aldrich under licence from Fondazione Salvatore Maugeri IRCCS for passively monitoring airborne concentrations of gases
SO ₂	Sulfur dioxide	Gaseous air pollutant from oxidcation of sulfur containing substances
SO ₃	Sulfur trioxide	Gaseous air pollutant from oxidation of SO ₂
SOx	Sulfur oxides	Combination of SO ₂ and SO ₃ , reported as SO ₂
TAN Plant	Technical Ammonium Nitrate Plant	Ammonium nitrate plant operated by YPN on the Burrup
TEOM	Tapered element oscillating microbalance	Instrument for continuous measurement of PM ₁₀ concentrations in ambient air
TSP	Total suspended particulates	Dust particles which are present in ambient air with equivalent aerodynamic diameter of 50 micrometres (µm)
μg	Microgram	One millionth (0.000001) of a gram
μg/m³	Microgram per cubic metre	Concentration of air quality data
μm	Micrometre	One millionth (0.000001) of a metre
YPN	Yara Pilbara Nitrates Pty Ltd	Operators of the TAN Plant

3 Scope of Baseline Monitoring Program

3.1 EPBC Approval 2008/4546 Condition 9

Condition 9 of the Approval is reproduced below to inform the scope of the monitoring program.

- 9. To protect the National Heritage Place, particularly the rock art sites, the person taking the action must undertake an air quality monitoring program. The air quality monitoring program must:
 - a) Undertake air quality monitoring at three (3) sites as shown in Attachment 2. These sites being sites previously selected, designed, fenced off and used in the original Western Australian Department of Environment and Conservation (WA DEC)/CSIRO air quality monitoring program.
 - Site 5 Burrup Road site;
 - Site 6 Water tanks site; and

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• Site 7 - Deep Gorge site

The air quality monitoring must be undertaken for a period of not less than 24 months beginning from the commencement of construction.

The results of this monitoring will be used to establish baseline data on levels of:

- Ammonia (NH₃);
- Nitrogen Oxides (NOx);
- Sulphur Oxides (SOx); and
- Total suspended particulates (TSP), including dust at those rock art sites.
- b) Ensure that the monitoring of air quality at rock art sites is undertaken by a suitably qualified person (Air Quality).

A suitably qualified person is defined in the Approval as:

- "...a person with at least five (5) years experience in air quality monitoring, including taking air samples and testing those samples to obtain results."
- c) Ensure air quality readings during the twenty four (24) months of baseline monitoring are taken at least four (4) times in every 12 months.
- d) Ensure that the baseline data established from the air quality monitoring is reported to the Department in writing within 12 months of the completion of construction or following twenty four (24) months of baseline monitoring (which ever finishes last). The report must include a map clearly showing the location of each rock art site being monitored.
- e) Ensure air quality monitoring of the rock art monitoring sites (sites 5, 6 and 7) is continued for an additional period of five (5) years, following the establishment of baseline data and once operation has commenced, to record levels of NH3, NOx, SOx and TSP, including dust.
- f) Report the results of the five (5) years of monitoring following the establishment of baseline, as per condition 9(e) above, to the Department, in writing, within two (2) months of that year's monitoring having been completed.

Conditions 9(e) and 9(f) apply to future monitoring once operations commence and are not relevant to this report.

3.2 Baseline Monitoring Program

3.2.1 Locations

An aerial photograph showing the locations of the three (3) ambient air quality monitoring stations is shown in Figure 1. Additional monitoring was conducted at two (2) locations on the boundary of the TAN Plant (TRA-1 and TRA-2) as per the Construction Air Quality Management Plan, and those locations are also indicated on the photograph since data from those monitoring stations have been used to inform the baseline data set for the baseline monitoring program.



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Figure 1. Locations of Air Quality Monitoring Stations



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3.3 Scope of Monitoring Program

Attributes of the monitoring program, including parameters measured, instruments deployed, locations, duration of sampling and laboratories that conducted analyses is contained within Table 1.

Table 1. Baseline Monitoring Scope

Parameter	Instrument	Locations	Sampling Period	Analysis
			Period	Laboratory
NH ₃	CSIRO passive sampler	Sites 5, 6 and 7	Sep 2013 to end May 2016	CSIRO
	Radiello® passive sampler	Sites 5, 6 and 7	Sep 2016 onwards	Leeder Analytical
NO ₂	CSIRO passive sampler	Sites 5, 6 and 7	Sep 2013 to end May 2016	CSIRO
	Radiello® passive sampler	Sites 5, 6 and 7	Sep 2016 onwards	Leeder Analytical
SO ₂	CSIRO passive sampler	Sites 5, 6 and 7	Sep 2013 to end May 2016	CSIRO
	Radiello® passive sampler	Sites 5, 6 and 7	Sep 2016 to present	Leeder Analytical
HNO ₃ *	CSIRO passive sampler	Sites 5, 6 and 7	Sep 2013 to end May 2016	CSIRO
TSP	MiniVol TAS (LVAS)	Site 6	Sep 2013 to Jan 2017	YPN
	Ecotech MicroVol 1100 (LVAS)	Sites 5, 6 and 7 TRA-1	Feb 2017 to present	Compliance Monitoring
	Ecotech HiVol 3000 (HVAS)	TRA-1	Feb 2017 to present	Compliance Monitoring
Dust	Dust deposition gauges	Sites 5, 6 and 7	Sep 2013 to present	YPN and Compliance Monitoring (from February 2017)
PM ₁₀	Thermo Fisher 1405 TEOM	TRA-1 and TRA-2	Mar 2013 to present	Continuous analyser
	Ecotech HiVol 3000 (HVAS)	TRA-1	Feb 2017 to present	Compliance Monitoring
	Thermo ADR1500	Sites 5, 6 and 7	Mar 2013 to Dec 2016	Continuous analyser
Wind speed and direction		TRA-1	Mar 2013 to present	Continuous analyser
Rain gauge	ECO200 rain gauge	Sites 5, 6 and 7	Sep 2013 to present	YPN

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Parameter	Instrument	Locations	Sampling Period	Analysis Laboratory
Rainwater	ECO200 rainwater sampler	Sites 5, 6 and 7	Mar 2013 to present	CSIRO (March 2013 to May 2016) ALS (May 2016 to present)
Barometric pressure, relative humidity and ambient temperature	Installed with TEOM	TRA-1	Mar 2013 to present	Continuous analysers

Note that EPBC Condition 9 did not specify monitoring be carried out for HNO₃. That parameter was measured (as NO₃) as part of the baseline study for comparison with historical monitoring conducted by CSIRO.

In the absence of definitions in EPBC Condition 9, YPN has interpreted the "including dust" component of Condition 9(a) to mean monitoring of dust which deposits from the atmosphere to surfaces. As such, monitoring was carried out using dust deposition gauges (DDG). DDGs collect all dust which falls out of the air column over a 30±2 day period to inform risk from dust fall-out on rock art.

Note that some of the parameters listed above are not included in Condition 9(a). In particular, PM_{10} monitoring was conducted at Sites 5, 6 and 7 using ADR 1500 continuous analysers for Western Australian Environmental Protection Authority regulatory purposes. Also, Condition 9(a) only specifies monitoring to be conducted at Sites 5, 6 and 7. Data from monitoring conducted at boundary sites TRA-1 and TRA-2 have been included in this report since the baseline TSP data set has in part, been derived from PM_{10} and wind monitoring conducted at boundary locations and a co-location study conducted at TRA-1. That co-location study has determined the proportion of TSP which is PM_{10} , for application to the TEOM PM_{10} data collected from TRA-1 and TRA-2 during the construction monitoring period (March 2013 to end June 2015), to generate the TSP data set. Further details of the process involved for generation of the baseline TSP data are provided in Section 4.2.2 and the submission YPN made to the DEE on 24 March 2017 (Strategen Environmental 2017).

The results from all measurements and analyses have been collated and reviewed by Strategen Environmental to develop a baseline data set which is fit for purpose. Fit for purpose is defined as provision of data of sufficient quantity and quality as a baseline to facilitate assessment of impacts from operation of the TAN Plant on the rock art. That assessment will be carried out by comparison of the baseline data with operational monitoring data to be acquired over a five (5) year period after commencement of operations (EPBC Conditions 9(e) and 9(f)).



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4 Results of Baseline Monitoring

The results from the baseline monitoring program are presented below as descriptive statistics and availability data for individual parameters. All data are presented in the Appendices.

4.1 Gases (NH₃, NO₂, NO₃ and SO₂)

A summary of NH_3 , NO_2 , NO_3 and SO_2 data availability from the three (3) off-site (rock art) monitoring sites is shown in Table 2. Sampling commenced in September 2013 using samplers provided by the CSIRO. In June 2016, CSIRO advised that they could no longer support the monitoring. YPN then sought an alternative passive sampling technology and the Radiello® samplers were found to be suitable for monitoring of NH_3 , NO_2 and SO_2 . The first Radiello® samplers were deployed in September 2016.

The samples collected up to end May 2016 involved exposure of CSIRO passive samplers for a period of one month (for each sample), the Radiello® samplers are deployed for two (2) week periods (for each sample). As such, the availability data reflects the numbers of monthly average samples in the period Sept 2013 to May 2016 (for CSIRO samplers) and from September 2016 to mid-February 2017 (for Radiello® samplers). Duplicate Radiello® samplers were deployed at Site 6 for each parameter (thereby providing twice the total number of measurements made at that location for September 2016 to February 2017).

Table 2: Number of NH₃, NO₂, NO₃ and SO₂ Measurements from Sites 5, 6 and 7

	Number of Measurements											
12-month period		Site (Burrup				Sit (Water	e 6 Tanks)				e 7 Gorge)	
	NH₃	NO ₂	NO ₃	SO ₂	NH₃	NO ₂	NO₃	SO ₂	NH₃	NO ₂	NO ₃	SO ₂
Sep 2013 to end Aug 2014	10	10	10	10	10	10	10	10	11	11	11	11
Sep 2014 to end Aug 2015	7	7	7	7	10	10	10	10	10	10	10	10
Sep 2015 to end Aug 2016	7	6	7	7	8	9	7	9	7	7	7	7
Sep 2016 to mid-Feb 2017	11	11	0	11	22	22	0	22	11	11	0	11
Total	35	34	24	35	50	51	27	51	39	39	28	39

The data availability exceeds the requirements of Condition 9, with total of 37 months of monitoring completed for NH_3 , NO_2 and SO_2 (24 months for HNO_3) and at least one "reading" carried out at least 4 times per 12-month period.



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Descriptive statistics for all samples are summarised in Table 3 for NH_3 , Table 4 for NO_2 , Table 5 for NO_3 and Table 6 for SO_2 . Sampling dates and concentration data are presented in Appendix 1.

Table 3: NH₃ Summary Data (units are µg/m³)

Statistic	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)
Minimum	0.00	0.00	0.00
Average	0.44	0.93	0.75
95th percentile	0.94	2.27	1.97
Maximum	1.20	3.97	4.35

Table 4 NO₂ Summary Data (units are μg/m³)

Statistic	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)
Minimum	0.38	0.31	0.40
Average	3.60	2.56	2.31
95th percentile	5.40	4.17	3.26
Maximum	6.53	5.27	4.12

Table 5: NO₃ Summary Data (units are μg/m³)

Statistic	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)
Minimum	0.28	0.18	0.23
Average	0.80	0.74	0.65
95th percentile	1.50	1.53	1.26
Maximum	1.55	1.81	1.42

Table 6: SO₂ Summary Data (units are μg/m³)

Statistic	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)
Minimum	0.13	0.01	0.16
Average	1.39	0.96	0.83
95th percentile	2.52	2.59	1.60
Maximum	3.09	3.50	2.01





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These data are obtained from blank corrected concentrations, whereby the levels of these gases present as contaminants in the sampling media and analytical process are subtracted from the measured concentrations. The zero values for minima are a consequence of blank subtraction, and reflect very low ambient concentrations.

These data show the higher concentrations of NO_2 are at Site 5 (Burrup Road), which is in close proximity to other industrial emissions sources, in particular the Pluto gas plant. Higher concentrations of NH_3 are observed from Site 6 (Water Tanks) and Site 7 (Deep Gorge) compared with Site 5 (Burrup Road) which suggests a possible contribution from the Ammonia Plant. Similar maximum concentrations of SO_2 were observed at Sites 5 and 6, whereas a lower maximum concentration was observed at Site 7. However, the average SO_2 concentrations at Sites 6 and 7 were considerably lower than for Site 5. Similar concentrations of NO_3 (as HNO_3) were observed at all sites which most likely reflects the NOx atmospheric chemistry in the area rather than a specific influence from any particular industrial source.

Yara consider that the data obtained from monitoring of NH₃, NO₂, NO₃ and SO₂ are of appropriate quantity and quality to inform baseline air quality for those parameters prior to commencement of TAN Plant operations.

4.2 Total Suspended Particulates (TSP)

4.2.1 Direct and Indirect TSP Measurements at Off-site Locations

Two types of TSP measurements have been made at the off-site locations:

Direct sampling for TSP was carried out at Site 6 (Water Tanks) using a MiniVol TAS instrument and more recently a MicroVol 1100 instrument. Sampling was carried out for 24-hour periods from September 2013 until end January 2017, nominally every six (6) days for the MiniVol.

TSP sampling was conducted at Sites 5, 6 and 7 using a MicroVol instrument from February 2017. Direct TSP sampling was not carried out at Sites 5 and 7 prior to that time. The MicroVol sampling frequency was initially daily for a week, then every third day for a month and currently continues as every six (6) days.

Indirect measurements of TSP were carried out at Sites 5, 6 and 7 using Thermo ADR 1500 instruments fitted with PM_{10} inlets. Estimates of 24-hour average TSP concentrations were made from the 5-minute average PM_{10} data obtained from the stations and the PM_{10}/TSP ratios obtained from a co-location study conducted at the TAN plant boundary monitoring station (see Section 4.2.2 below). Valid data from the ADR instruments were obtained for a 6 week period in August to October 2013.

A summary of TSP data availability from the off-site locations is shown in Table 7.

Table 7: TSP Samples from Off-site Locations

Period Number of 24-hour average samples
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Period	Number of 24-hour average samples					
	Site 5		Site 6		Site 7	
	(Burrup	Road)	(Water	Tanks)	(Deep Gorge)	
	TSP	Direct	TSP	Direct	TSP	Direct
	calculated	TSP	calculated	TSP	calculated	TSP
	from PM ₁₀	sampling	from PM ₁₀	sampling	from PM ₁₀	sampling
Aug 2013 to Aug	40	•	4-		40	
2014	40	0	45	26	42	0
Sept 2014 to Aug						
2015	0	0	0	14	0	0
Sept 2015 to Aug						
2016	0	0	0	19	0	0
Sept 2016 to Mar						
2017	0	9	0	23	0	11
Total	40	9	45	82	42	11

The data availability from direct sampling of TSP at Site 6 (Water Tanks) exceeds the requirements from Condition 9, being a minimum of 24 months of monitoring and at least one (1) reading four (4) times each 12 months. PM_{10} monitoring using the ADR 1500 instruments was carried out for a minimum of 24 months, however valid data were only obtained for the indicated 6 week period in 2013 at Sites 5 and 7, which did not meet the monitoring duration and frequency requirements of Condition 9.

Descriptive statistics for all samples are summarised in Table 8. Results from all TSP samples from Sites 5, 6 and 7 are provided in Appendix 2.

Table 8: TSP Summary Data (units are µg/m³)

	Site 5 (Burrup Road)		Site 6 (Water Tanks)		Site 7 (Deep Gorge)	
Statistic	TSP calculated from PM ₁₀	Direct TSP sampling	TSP calculated from PM ₁₀	Direct TSP sampling	TSP calculated from PM ₁₀	Direct TSP sampling
Minimum	12	8	6	12	1	8
Average	21	19	15	85	28	16
95th percentile	30	29	25	194	38	24
Maximum	40	32	34	1,417	46	26

Overall, considerably higher concentrations were observed over the 42 months direct sampling at Site 6 compared with the recent direct sampling at Sites 5 and 7. This is most likely a reflection of the very heavy rainfall in the area in January and February, which has significantly increased soil moisture and promoted considerable vegetation growth, all of which serves to reduce potential for background dust generation.





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The cause of the maximum TSP 24-hour average concentration observed at Site 6 $(1,417 \,\mu\text{g/m}^3)$ is not known but is more likely to be due to a localised dust emission event than from a very high background. This very high result would be removed from the data set when a comparison of TSP concentrations is made from the operational monitoring program required under Condition 9(e).

The indirect TSP concentrations calculated from PM_{10} monitoring at the three (3) offsite locations show similar distributions, reflecting similar ambient dust influences at the three (3) locations for the six (6) weeks of monitoring in September-October 2013.

4.2.2 TSP Data Derived from Boundary PM₁₀ Monitoring

To address the absence of TSP data from Sites 5 and 7 for the 24 months of the monitoring program, the TSP data obtained from monitoring conducted at the three (3) off-site locations is augmented by a baseline TSP data set developed from PM_{10} monitoring carried out at the TAN Plant boundary locations (sites TRA-1 and TRA-2, see Figure 1). This monitoring, carried out as part of the construction monitoring program, has provided PM_{10} data (as 5-minute averages from March 2013 to end June 2015) and wind direction data (also as 5-minute averages).

Baseline TSP concentrations were derived as follows:

- The 5-minute average PM₁₀ data from TRA-1 and TRA-2 were filtered to remove excessively negative values (<-100,000 μg/m³), indicative of instrument instability due to high variance in relative humidity and/or other instrument issues;
- 2. The data were also filtered to remove large positive values (>100,000 μg/m³) which are indicative of potential localised dust emission events and do not describe the background PM₁₀ concentrations;
- 3. The "outlier" filtered data were further filtered by wind direction (as measured at TRA-1) to identify those concentrations which reflect winds from locations not impacted by construction activities. In effect, PM₁₀ concentrations which may have been influenced by construction dust emissions were removed from the PM₁₀ data set, leaving concentrations which reflect background sources;
- 4. 24-hour average PM₁₀ concentrations were derived from the wind direction filtered data where at least 75% of the 288 daily 5-minute observations were available in a 24-hour period (taken from midnight to midnight).

The wind direction filtered 24-hour average PM_{10} concentration data were then factored by the proportion of TSP which is PM_{10} , to estimate TSP concentrations which reflect background sources. The PM_{10} to TSP ratios were obtained from a colocation study carried out at TRA-1, whereby 19 valid concurrent 24-hour average measurements of TSP and PM_{10} were carried out in February-March 2017 using



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high volume TSP and PM_{10} samplers. Details of the results from the co-location study of TSP and PM_{10} measurements are presented in Section 5.

An average PM_{10}/TSP ratio of 0.52 was obtained from the co-location study, to provide TSP concentrations via the following equation:

TSP concentration(24-h average) = $TEOM PM_{10}$ concentration(24-h average) / 0.52

Further details of the process involved in the development of baseline TSP concentrations from PM_{10} data are provided in Strategen 2017.

Data availability for TSP concentrations derived from boundary PM₁₀ data are summarised in Table 9.

Table 9: Availability of TSP Data Derived from Boundary PM₁₀ Data

Period	Number of 24-hour average samples from TRA-1	Number of 24-hour average samples from TRA-2
Mar 2013 to Feb 2014	86	35
Mar 2014 to Feb 2015	63	32
Mar-June 2015	0	0
Total	149	67

This TSP data set satisfies the Condition 9 requirement for at least 24 months of monitoring and at readings to be taken at least four (4) times in each 12 months.

Descriptive statistics of the boundary PM_{10} derived TSP data set are shown in Table 10, with all results presented in Appendix 3.

Table 10: Summary of TSP Data Derived from Boundary PM₁₀ Data (units are μg/m³)

Statistic	Boundary derived TSP (24-hour average concentration)
Minimum	4
Average	56
95th percentile	103
Maximum	215

4.2.3 Comparison of Off-site and Boundary Derived TSP Data

A comparison of TSP concentrations measured at Site 6 and TSP derived from boundary and off-site PM_{10} monitoring (at Sites 5, 6 and 7) is illustrated in Figure 2.

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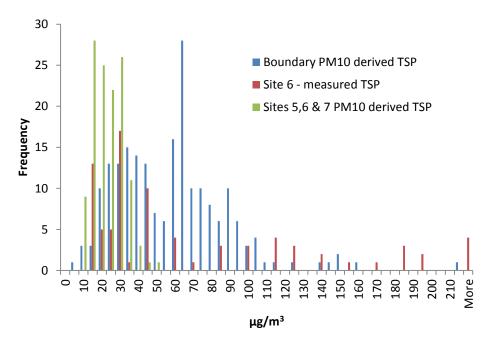


Figure 2. Histogram Showing Boundary and Offsite PM₁₀ Derived TSP and Measured TSP Concentrations from Site 6

The histogram shows a greater proportion of higher measured TSP concentrations from Site 6 compared with the boundary PM_{10} derived TSP and off-site PM_{10} derived TSP concentrations. This means the boundary and off-site PM_{10} derived TSP data provides a conservative position for a future comparison of ambient TSP concentrations when the TAN Plant is operating, in that lower baseline concentrations provide greater sensitivity for assessment of risk from TAN Plant TSP emissions.

4.2.4 Conclusions Regarding Baseline TSP Data

YPN consider that the TSP data directly measured from monitoring at the Site 6 (Water Tanks) are of appropriate quality and quantity to inform baseline TSP air quality. That finding will be verified in a co-location study of MiniVol TSP and HVAS TSP samplers, planned for June/July 2017. TSP data derived from off-site PM_{10} measurements are considered informative and will be validated via co-location of ADR1500 PM_{10} , HVAS PM_{10} and HVAS TSP instruments, also planned for June/July 2017.

The absence of data from Sites 5 and 7 for an entire 24 month period has been addressed by consideration of a TSP data set derived from boundary PM_{10} monitoring conducted over a 24 month period (during the baseline monitoring program).

A baseline TSP data set has therefore been compiled comprising of directly measured concentrations from Site 6, more recent directly measured concentrations from Sites 5 and 7, estimates at Sites 5, 6 and 7 based on PM_{10} data and concentrations derived from boundary PM_{10} monitoring.



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YPN consider that the combined measured and derived baseline TSP data set is of sufficient quality and quantity to inform baseline TSP air quality for comparison with air quality during future operation of the TAN Plant.

4.3 Dust Deposition

Dust deposition gauges (DDG) were deployed at the three (3) off-site locations from September 2013 until June 2016, with the insoluble fraction of deposited dust analysed. The DDG data availability is summarised in Table 11.

Table 11: Availability of Dust Deposition Data from Off-site Locations

	Number of monthly average samples			
Period	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)	
Sept 2013 to Aug 2014	9	9	10	
Sept 2014 to Aug 2015	6	8	8	
Sept 2015 to end June 2016	10	10	10	
Total	25	27	28	

This dust deposition data set satisfies the Condition 9 requirement for "dust" with more than 24 months of monitoring carried out and readings to be taken at least four (4) times in each 12 months.

Descriptive statistics of the deposition rates for insoluble dust is shown in Table 12. Results from all deposition samples from Sites 5, 6 and 7 are provided in Appendix 4.

Table 12: Dust Deposition (Insoluble Fraction) Summary Data (units are g/m²/month)

Statistic	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)
Minimum	0.022	0.000	0.010
Average	0.88	0.84	1.07
95th percentile	1.75	1.86	2.31
Maximum	2.00	2.05	5.03
Annual average of monthly rates	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)
Sept 2013 to Aug 2014	0.84	0.76	0.86
Sept 2014 to Aug 2015	0.99	0.95	1.33
Sept 2015 to Jun 2016	0.86	0.81	1.04



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Similar insoluble dust deposition rates were observed at Sites 5 and 6, whereas Site 7 (Deep Gorge) showed slightly higher rates. The highest observed rate (5.03 g/m²/month) at Site 7 (Deep Gorge) is an anomalous result that suggests localised sources of dust were evident across the month which combined with background levels of insoluble dust to give this relatively high value.

YPN consider that the baseline dust deposition data set is of sufficient quality and quantity to inform insoluble dust deposition rates for comparison with deposition rates during future operation of the TAN Plant.

5 Co-location Study

As discussed in Section 4.2.2, a co-location study was carried out during the latter stages of the baseline monitoring program to determine PM_{10}/TSP ratios for derivation of TSP concentrations from boundary PM_{10} monitoring (Table 13). The results of the co-location monitoring are presented in this report to provide traceability for the derived TSP data.

Table 13: Airborne Particulate Co-location Study Results (units are μg/m³)

Date	HVAS TSP	HVAS PM ₁₀	PM ₁₀ /TSP ratio
26-02-17	27.7	11.4	0.41
27-02-17	18.5	10.3	0.56
28-02-17	14.9	8.9	0.60
01-03-17	25.1	10.4	0.42
02-03-17	33.8	15.4	0.46
03-03-17	26.0	12.9	0.50
04-03-17	27.0	14.1	0.52
05-03-17	49.1	20.0	0.41
10-03-17	15.9	6.6	0.42
11-03-17	7.5	1.8	0.65
12-03-17	6.2	2.1	0.34
13-03-17	16.0	8.9	0.56
14-03-17	30.7	14.5	0.47
15-03-17	13.2	8.1	0.61
16-03-17	21.2	15.4	0.73
17-03-17	26.4	16.2	0.61
18-03-17	27.1	14.4	0.53
19-03-17	30.6	15.7	0.51
20-03-17	21.5	11.8	0.55
Minimum	6.2	1.8	0.34
Average	23.1	11.5	0.52
Maximum	49.1	20.0	0.73

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Date	HVAS TSP	HVAS PM ₁₀	PM ₁₀ /TSP ratio
Standard deviation	10.0	4.7	0.098

The average PM_{10}/TSP ratio (0.52) has been used to derive TSP concentrations from boundary PM_{10} data. Note that the range and average ratios obtained from the co-location measurements are consistent with the PM_{10}/TSP ratios reported in the NPI Emissions Handbooks (for example, see Table 2 in the NPI Emission Estimate Technique Manual for Mining, version 3.1, January 2012). In particular, a ratio of 0.5 is assigned to PM_{10}/TSP dust emissions from wind erosion events, which along with aerosols from the marine environment are expected to constitute the majority of background airborne particulates in the area.

6 Concluding remarks

A baseline data set has been generated from ambient monitoring conducted at off-site and boundary locations surrounding the YPN TAN Plant, as per the requirements of and in response to Condition 9 of EPBC Approval 2008/4546. The baseline data include measurements of NH $_3$, NO $_2$, SO $_2$, TSP and dust deposition at the three (3) off-site locations (Sites 5, 6 and 7). The duration of TSP measurements at Sites 5 and 7 were less than Condition 9 requirement (24 months monitoring), so additional TSP concentrations were determined at boundary locations from measured PM $_{10}$ concentrations. The boundary TSP data are included in the baseline data set to augment the off-site measurements and provide a robust TSP data set which will facilitate assessment of potential impacts and risks for air emissions from the TAN Plant operations.

7 References

Strategen Environmental 2017. *Technical submission to Department of Environment and Energy. EPBC Approval Condition* 9. Yara Pilbara Technical Ammonium Nitrate Plant. Memo issued to DEE, 7 April 2017. File: YPN16610.01 M008 Rev 0.



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Appendix 1 – NO_2 , NO_3 , SO_2 and NH_3 Data

Site 5 (Burrup Road)

Sampling start date	Sampling end date	NO ₂ (μg/m³)	NO ₃ (μg/m³)	SO ₂ (μg/m³)	NH ₃ (µg/m³)
01-Sep-13	01-Oct-13	6.53	0.42	2.44	0.25
01-Oct-13	01-Nov-13	6.50	1.43	2.23	0.66
01-Nov-13	01-Dec-13	4.98	1.27	1.76	0.29
01-Dec-13	29-Dec-13	4.96	1.52	2.36	0.25
29-Dec-13	01-Feb-13	NS	NS	NS	NS
01-Feb-13	01-Mar-14	NS	NS	NS	NS
01-Mar-14	01-Apr-14	4.40	1.22	1.52	0.25
01-Apr-14	01-May-14	4.91	1.55	3.09	0.25
01-May-14	01-Jun-14	5.03	0.64	1.10	0.35
01-Jun-14	01-Jul-14	3.94	0.28	0.31	0.25
01-Jul-14	01-Aug-14	3.67	0.39	0.74	0.98
01-Aug-14	01-Sep-14	4.01	0.50	1.20	0.56
01-Sep-14	01-Oct-14	4.95	0.69	1.75	0.40
01-Oct-14	01-Dec-14	3.38	0.66	1.94	0.15
01-Dec-14	01-Jan-15	3.06	0.42	1.90	0.25
01-Jan-15	01-Feb-15	2.91	0.92	1.66	0.25
01-Feb-15	01-Mar-15	3.09	0.70	1.43	0.25
01-Mar-15	01-Apr-15	NS	NS	NS	NS
01-Apr-15	01-Jun-15	NS	NS	NS	NS
01-Jun-15	01-Jul-15	NS	NS	NS	NS
01-Jul-15	01-Aug-15	4.01	0.36	0.53	1.20
01-Aug-15	01-Sep-15	3.85	0.52	1.29	0.61
01-Sep-15	01-Oct-15	4.13	0.69	1.98	0.68
01-Oct-15	01-Nov-15	4.33	0.66	2.45	0.67
01-Nov-15	02-Dec-15	3.64	0.69	2.30	0.73
02-Dec-15	31-Dec-15	2.84	0.73	2.67	0.80
31-Dec-15	28-Jan-16	NS	0.97	1.76	0.72
28-Jan-16	01-Mar-16	2.92	0.81	2.48	0.25
01-Mar-16	01-Apr-16	3.44	1.09	1.86	0.25
02-May-16	01-Jun-16	0.48	NS	0.25	0.14
02-May-16	01-Jun-16	0.40	NS	0.30	0.09
01-Sep-16	16-Sep-16	4.29	DNV	1.57	0.27
16-Sep-16	01-Oct-16	3.32	DNV	0.45	0.28
01-Oct-16	14-Oct-16	0.38	DNV	0.18	0.00
14-Oct-16	01-Nov-16	4.31	DNV	1.33	0.33
01-Nov-16	15-Nov-16	4.42	DNV	0.79	0.26





Sampling start date	Sampling end date	NO ₂ (μg/m³)	NO ₃ (μg/m³)	SO ₂ (µg/m³)	NH ₃ (µg/m³)
15-Nov-16	01-Dec-16	4.60	DNV	0.54	0.27
01-Dec-16	15-Dec-16	3.31	DNV	0.41	0.53
15-Dec-16	30-Dec-16	3.43	DNV	2.31	0.93
30-Dec-16	13-Jan-17	2.43	DNV	0.13	NS
13-Jan-17	30-Jan-17	1.30	DNV	0.17	0.69
30-Jan-17	13-Feb-17	1.51	DNV	0.20	0.67

NS = no sample recovered or analysed

DNV = data not valid

Concentrations from 1 Sep 2013 to 2 May 2016 are nominal monthly averages, thereafter nominal two (2) weekly averages

Site 6 (Water Tanks)

Sampling start date	Sampling end date	NO ₂ (μg/m ³)	NO ₃ (μg/m³)	SO ₂ (µg/m³)	NH ₃ (µg/m ³)
01-Sep-13	01-Oct-13	4.12	1.51	1.79	0.31
06-Oct-13	01-Nov-13	5.27	0.89	1.90	3.97
01-Nov-13	01-Dec-13	3.05	1.81	1.50	0.25
01-Dec-13	29-Dec-13	3.24	1.47	1.95	0.25
29-Dec-13	01-Feb-13	NS	NS	NS	NS
01-Feb-13	01-Mar-14	NS	NS	NS	NS
01-Mar-14	01-Apr-14	2.69	1.25	1.48	0.25
01-Apr-14	01-May-14	3.60	0.65	1.48	0.72
01-May-14	01-Jun-14	2.74	0.56	0.72	0.28
01-Jun-14	01-Jul-14	1.81	0.18	0.34	0.25
01-Jul-14	01-Aug-14	2.80	0.38	0.60	1.74
01-Aug-14	01-Sep-14	3.08	0.36	0.78	0.44
01-Sep-14	01-Oct-14	4.33	0.72	1.93	0.57
01-Oct-14	01-Dec-14	2.71	0.65	1.48	0.13
01-Dec-14	01-Jan-15	2.34	0.41	1.10	0.25
01-Jan-15	01-Feb-15	2.68	0.74	1.09	0.25
01-Feb-15	01-Mar-15	2.96	0.74	1.08	0.86
01-Mar-15	01-Apr-15	2.21	0.41	0.79	0.44
01-Apr-15	01-Jun-15	1.59	0.39	0.53	0.65
01-Jun-15	01-Jul-15	2.46	0.48	0.92	1.29
01-Jul-15	01-Aug-15	1.86	0.37	0.61	1.69
01-Aug-15	01-Sep-15	2.47	0.44	0.93	1.71
01-Sep-15	01-Oct-15	2.52	0.62	1.80	1.54
01-Oct-15	01-Nov-15	3.20	0.58	2.56	2.35
01-Nov-15	02-Dec-15	2.47	0.49	2.61	0.80



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Sampling start date	Sampling end date	NO ₂ (μg/m³)	NO ₃ (µg/m³)	SO ₂ (μg/m³)	NH ₃ (µg/m³)
02-Dec-15	31-Dec-15	2.64	0.75	3.50	0.86
31-Dec-15	28-Jan-16	2.30	1.54	2.04	1.34
28-Jan-16	01-Mar-16	2.43	0.66	2.84	0.69
01-Mar-16	01-Apr-16	2.58	1.00	2.15	0.25
02-May-16	01-Jun-16	0.48	NS	0.25	0.14
02-May-16	01-Jun-16	0.40	NS	0.30	0.09
01-Sep-16	16-Sep-16	3.56	DNV	0.77	1.47
01-Sep-16	16-Sep-16	3.19	DNV	0.65	1.45
16-Sep-16	01-Oct-16	2.25	DNV	0.25	1.45
16-Sep-16	01-Oct-16	2.38	DNV	0.29	1.47
01-Oct-16	14-Oct-16	0.31	DNV	0.37	0.00
01-Oct-16	14-Oct-16	0.31	DNV	0.37	0.00
14-Oct-16	01-Nov-16	2.96	DNV	0.36	0.82
14-Oct-16	01-Nov-16	3.28	DNV	0.77	0.93
01-Nov-16	15-Nov-16	3.77	DNV	0.40	1.46
01-Nov-16	15-Nov-16	3.66	DNV	0.23	1.48
15-Nov-16	01-Dec-16	3.87	DNV	0.86	0.74
15-Nov-16	01-Dec-16	4.21	DNV	0.41	0.71
01-Dec-16	15-Dec-16	2.40	DNV	1.12	1.32
01-Dec-16	15-Dec-16	2.46	DNV	0.15	1.35
15-Dec-16	30-Dec-16	2.85	DNV	0.34	0.67
15-Dec-16	30-Dec-16	2.74	DNV	0.38	0.67
30-Dec-16	13-Jan-17	1.98	DNV	0.07	0.27
30-Dec-16	13-Jan-17	1.98	DNV	0.13	0.27
13-Jan-17	30-Jan-17	1.16	DNV	0.01	1.02
13-Jan-17	30-Jan-17	1.02	DNV	0.03	0.90
30-Jan-17	13-Feb-17	1.51	DNV	0.08	2.27
30-Jan-17	13-Feb-17	1.45	DNV	0.06	2.27

NS = no sample recovered or analysed

DNV = data not valid

Concentrations from 1 Sep 2013 to 2 May 2016 are nominal monthly averages, thereafter nominal two (2) weekly averages



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Site 7 (Deep Gorge)

Sampling start date	Sampling end date	NO ₂ (μg/m³)	NO ₃ (μg/m³)	SO ₂ (μg/m³)	NH ₃ (µg/m³)
01-Sep-13	01-Oct-13	2.71	0.77	1.60	0.25
01-Oct-13	01-Nov-13	3.52	1.19	1.47	0.81
01-Nov-13	01-Dec-13	2.60	1.16	1.34	0.48
01-Dec-13	29-Dec-13	2.92	0.62	1.41	0.70
29-Dec-13	01-Feb-14	NS	NS	NS	NS
01-Feb-14	01-Mar-14	2.69	0.56	1.28	0.63
01-Mar-14	01-Apr-14	2.69	1.42	1.25	0.25
01-Apr-14	01-May-14	2.57	0.52	1.02	0.25
01-May-14	01-Jun-14	2.51	0.56	0.56	0.25
01-Jun-14	01-Jul-14	1.83	0.23	0.30	0.25
01-Jul-14	01-Aug-14	2.39	0.48	0.37	0.57
01-Aug-14	01-Sep-14	3.18	0.44	0.59	0.45
01-Sep-14	01-Oct-14	2.79	0.72	1.88	0.39
01-Oct-14	01-Dec-14	1.91	0.56	1.39	0.13
01-Dec-14	01-Jan-15	2.06	0.45	1.00	0.25
01-Jan-15	01-Feb-15	2.37	0.40	0.60	0.25
01-Feb-15	01-Mar-15	3.05	0.80	1.14	0.25
01-Mar-15	01-Apr-15	2.18	0.51	1.04	0.25
01-Apr-15	01-Jun-15	1.31	0.42	0.56	0.16
01-Jun-15	01-Jul-15	2.30	0.56	0.51	0.25
01-Jul-15	01-Aug-15	2.09	0.28	0.43	0.40
01-Aug-15	01-Sep-15	2.07	0.48	0.74	0.26
01-Sep-15	01-Oct-15	2.16	0.30	1.02	0.25
01-Oct-15	01-Nov-15	2.01	0.68	1.37	1.53
01-Nov-15	02-Dec-15	1.91	0.66	1.31	2.11
02-Dec-15	31-Dec-15	2.19	0.70	2.01	0.99
31-Dec-15	28-Jan-16	2.27	1.29	1.39	1.66
28-Jan-16	01-Mar-16	2.07	0.78	1.15	4.35
01-Mar-16	01-Apr-16	2.42	0.56	1.39	1.49
02-May-16	01-Jun-16	0.55	NS	0.16	0.00
02-May-16	01-Jun-16	0.48	NS	0.25	0.00
01-Sep-16	16-Sep-16	2.64	DNV	0.53	0.55
16-Sep-16	01-Oct-16	2.25	DNV 0.08	0.33	0.42
01-Oct-16	14-Oct-16	0.40	DNV 0.00	0.28	0.00
14-Oct-16	01-Nov-16	2.83	DNV 0.03	0.59	0.59
01-Nov-16	15-Nov-16	2.37	DNV 0.02	0.33	0.71
15-Nov-16	01-Dec-16	4.12	DNV 0.00	0.29	1.97
01-Dec-16	15-Dec-16	3.26	DNV 0.00	0.22	1.82



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Sampling start date	Sampling end date	NO ₂ (μg/m³)	NO ₃ (μg/m³)	SO ₂ (µg/m³)	NH ₃ (µg/m³)
15-Dec-16	30-Dec-16	3.26	DNV 0.00	0.45	1.53
30-Dec-16	13-Jan-17	2.88	DNV 0.08	0.18	1.44
13-Jan-17	30-Jan-17	1.51	DNV 0.04	0.20	0.67
30-Jan-17	13-Feb-17	1.29	DNV 0.09	0.22	1.09

NS = no sample recovered or analysed

DNV = data not valid

Concentrations from 1 Sep 2013 to 2 May 2016 are nominal monthly averages, thereafter nominal two (2) weekly averages



Appendix 2 – TSP Data from Off-site Locations

MiniVol TSP Sampling (to 29 January 2017) then MicroVol TSP Sampling Thereafter

	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)
Date	μg/m³	μg/m³	μg/m ³
12-Sep-13	NS	56	NS
17-Sep-13	NS	42	NS
23-Sep-13	NS	28	NS
29-Sep-13	NS	69	NS
5-Oct-13	NS	42	NS
11-Oct-13	NS	14	NS
17-Oct-13	NS	42	NS
23-Oct-13	NS	139	NS
29-Oct-13	NS	28	NS
4-Nov-13	NS	14	NS
16-Nov-13	NS	83	NS
22-Nov-13	NS	28	NS
28-Nov-13	NS	14	NS
4-Dec-13	NS	28	NS
16-Dec-13	NS	14	NS
28-Dec-13	NS	111	NS
4-Mar-14	NS	181	NS
23-Mar-14	NS	42	NS
28-Mar-14	NS	28	NS
15-Apr-14	NS	14	NS
3-May-14	NS	42	NS
21-May-14	NS	181	NS
27-May-14	NS	28	NS
2-Jun-14	NS	14	NS
8-Jun-14	NS	333	NS
26-Aug-14	NS	111	NS
6-Sep-14	NS	250	NS
31-Nov-14	NS	56	NS
5-Dec-14	NS	125	NS
17-Dec-14	NS	97	NS
29-Dec-14	NS	153	NS
4-Jan-15	NS	28	NS
10-Jan-15	NS	42	NS





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	Site 5	Site 6	Site 7
Data	(Burrup Road)	(Water Tanks)	(Deep Gorge)
Date	μg/m³	μg/m³	μg/m³
28-Jan-15	NS	28	NS
21-Feb-15	NS NC	14	NS
4-Apr-15	NS NC	1417	NS
10-Apr-15	NS	83	NS
28-Apr-15	NS	28	NS
3-Jul-15	NS NC	14	NS
8-Aug-15	NS	28	NS
9-Sep-15	NS	194	NS
14-Sep-15	NS	28	NS
25-Oct-15	NS	444	NS
24-Jan-15	NS	139	NS
22-Feb-16	NS	97	NS
28-Feb-16	NS	28	NS
4-Mar-16	NS	125	NS
11-Mar-16	NS	42	NS
17-Mar-16	NS	83	NS
29-Mar-16	NS	28	NS
16-Apr-16	NS	42	NS
28-Apr-16	NS	111	NS
4-May-16	NS	14	NS
10-May-16	NS	28	NS
29-May-16	NS	42	NS
4-Jun-16	NS	56	NS
10-Jul-16	NS	14	NS
28-Jul-16	NS	125	NS
8-Aug-16	NS	167	NS
2-Sep-16	NS	42	NS
8-Sep-16	NS	56	NS
14-Sep-16	NS	111	NS
20-Sep-16	NS	28	NS
7-Oct-16	NS	28	NS
30-Nov-16	NS	14	NS
18-Dec-16	NS	181	NS
30-Dec-16	NS	28	NS
5-Jan-17	NS	97	NS
29-Jan-17	NS	194	NS
26-Feb-17	8	24	21
27-Feb-17	18	18	NS



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	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)
Date	μg/m³	μg/m³	μg/m³
28-Feb-17	15	15	8
1-Mar-17	20	17	10
2-Mar-17	21	22	21
3-Mar-17	21	NS	NS
4-Mar-17	15	20	NS
5-Mar-17	32	22	15
6-Mar-17	24	21	16
8-Mar-17	NS	21	14
11-Mar-17	NS	12	10
14-Mar-17	NS	32	26

NS

NS

17

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NS = no sample collected or analysed

17-Mar-17

20-Mar-17

Concentrations are 24 hour averages

TSP Calculated from ADR 1500 PM₁₀ Monitoring

	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)
Date	μg/m³	μg/m³	μg/m³
20-Aug-13	ND	12	30
21-Aug-13	ND	11	32
22-Aug-13	15	9	29
23-Aug-13	14	12	26
24-Aug-13	14	11	27
25-Aug-13	17	14	27
26-Aug-13	18	13	27
27-Aug-13	20	15	26
28-Aug-13	17	12	30
29-Aug-13	24	18	ND
30-Aug-13	ND	7	ND
31-Aug-13	ND	8	ND
01-Sep-13	ND	9	ND
02-Sep-13	23	10	17
03-Sep-13	15	16	29
04-Sep-13	12	12	23
05-Sep-13	14	12	28





	Site 5 (Burrup Road)	Site 6 (Water Tanks)	Site 7 (Deep Gorge)
Date	μg/m ³	μg/m ³	μg/m ³
06-Sep-13	19	16	28
07-Sep-13	25	22	33
08-Sep-13	22	17	34
09-Sep-13	22	16	31
10-Sep-13	16	11	27
11-Sep-13	12	6	22
12-Sep-13	20	14	29
13-Sep-13	24	16	30
14-Sep-13	22	15	29
15-Sep-13	17	11	26
16-Sep-13	16	10	25
17-Sep-13	20	13	28
18-Sep-13	17	10	24
19-Sep-13	17	10	25
20-Sep-13	20	14	28
21-Sep-13	16	11	25
22-Sep-13	18	12	27
23-Sep-13	29	22	37
24-Sep-13	24	18	32
25-Sep-13	34	30	43
26-Sep-13	40	34	46
27-Sep-13	28	26	33
28-Sep-13	28	23	35
29-Sep-13	30	25	38
30-Sep-13	22	15	31
01-Oct-13	26	20	34
02-Oct-13	17	14	22
03-Oct-13	24	15	25

ND = no data collected or analysed

Concentrations are 24 hour averages



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Appendix 3 – TSP Data Derived from Boundary PM_{10} Monitoring

	TRA-1		
Date	TSP concentration (μg/m³, 24-h average)		
9-Mar-13	20		
11-Mar-13	23		
12-Mar-13	41		
13-Mar-13	4		
15-Mar-13	8		
16-Mar-13	24		
19 -Mar-13	29		
20-Mar-13	61		
25-Mar-13	59		
26-Mar-13	86		
14-Apr-13	45		
18-Apr-13	40		
19-Apr-13	63		
22-Apr-13	61		
6-May-13	35		
7-May-13	44		
29-May-13	42		
11-Jul-13	57		
11-Aug-13	67		
13-Aug-13	43		
15-Aug-13	48		
26-Aug-13	46		
27-Aug-13	64		
28-Aug-13	44		
29-Aug-13	64		
31-Aug-13	36		
1-Sep-13	55		
2-Sep-13	47		
3-Sep-13	71		
7-Sep-13	57		
8-Sep-13	66		
9-Sep-13	56		
10-Sep-13	36		
11-Sep-13	41		
12-Sep-13	43		

TRA-2		
Date	TSP concentration (µg/m³, 24-h average)	
28-Mar-13	59	
3-Apr-13	38	
5-Apr-13	33	
11-Apr-13	19	
12-Apr-13	24	
11-May-13	32	
12-May-13	38	
18-May-13	16	
19-May-13	16	
22-May-13	16	
23-May-13	14	
24-May-13	20	
25-May-13	36	
27-May-13	34	
31-May-13	20	
1-Jun-13	23	
2-Jun-13	33	
3-Jun-13	25	
9-Jun-13	27	
23-Jun-13	21	
9-Jul-13	24	
14-Jul-13	36	
19-Jul-13	37	
20-Jul-13	28	
21-Jul-13	34	
22-Jul-13	39	
23-Jul-13	41	
24-Jul-13	28	
25-Jul-13	31	
3-Aug-13	30	
4-Aug-13	26	
22-Aug-13	27	
23-Aug-13	25	
26-Oct-13	53	
10-Jun-14	60	





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TRA-1		
Date	TSP concentration (μg/m³, 24-h average)	
13-Sep-13	56	
14-Sep-13	59	
20-Sep-13	73	
22-Sep-13	59	
23-Sep-13	60	
24-Sep-13	60	
26-Sep-13	101	
30-Sep-13	49	
1-Oct-13	44	
4-Oct-13	95	
6-Oct-13	60	
7-Oct-13	100	
8-Oct-13	64	
9-Oct-13	65	
11-Oct-13	62	
12-Oct-13	86	
18-Oct-13	57	
19-Oct-13	77	
20-Oct-13	85	
29-Oct-13	91	
30-Oct-13	87	
3-Nov-13	61	
4-Nov-13	104	
13-Nov-13	87	
19-Nov-13	94	
20-Nov-13	67	
21-Nov-13	49	
22-Nov-13	52	
23-Nov-13	63	
24-Nov-13	76	
25-Nov-13	74	
26-Nov-13	150	
27-Nov-13	64	
28-Nov-13	79	
29-Nov-13	73	
30-Nov-13	64	
1-Dec-13	86	

	TRA-2
Date	TSP concentration (µg/m³, 24-h average)
11-Jun-14	32
12-Jun-14	33
13-Jun-14	48
14-Jun-14	36
16-Jun-14	26
17-Jun-14	37
18-Jun-14	25
20-Jun-14	23
23-Jun-14	16
26-Jun-14	215
28-Jun-14	67
1-Jul-14	21
2-Jul-14	22
2-Jul-14	40
4-Jul-14	40
5-Jul-14	41
6-Jul-14	45
6-Jul-14	61
7-Jul-14	61
8-Jul-14	20
9-Jul-14	29
16-Jul-14	16
17-Jul-14	12
18-Jul-14	19
19-Jul-14	19
25-Jul-14	6
26-Jul-14	27
3-Aug-14	34
9-Nov-14	112
15-Nov-14	72





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TRA-1		
Date	TSP concentration (μg/m³, 24-h average)	
2-Dec-13	62	
3-Dec-13	80	
4-Dec-13	106	
5-Dec-13	148	
6-Dec-13	81	
7-Dec-13	55	
8-Dec-13	59	
9-Dec-13	90	
10-Dec-13	156	
25-Jan-14	50	
2-Feb-14	22	
3-Feb-14	10	
29-Mar-14	30	
30-Mar-14	29	
1-Apr-14	35	
2-Apr-14	40	
3-Apr-14	44	
6-Apr-14	31	
7-Apr-14	33	
24-Apr-14	54	
28-Apr-14	11	
23-May-14	31	
2-Nov-14	82	
3-Nov-14	89	
4-Nov-14	141	
5-Nov-14	94	
6-Nov-14	82	
7-Nov-14	64	
8-Nov-14	60	
11-Nov-14	64	
12-Nov-14	67	
13-Nov-14	73	
18-Nov-14	65	
19-Nov-14	61	
21-Nov-14	60	
22-Nov-14	69	
23-Nov-14	77	

TRA-2		
Date	TSP concentration (µg/m³, 24-h average)	





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TRA-1		
Date	TSP concentration (μg/m³, 24-h average)	
24-Nov-14	95	
25-Nov-14	70	
28-Nov-14	63	
29-Nov-14	80	
30-Nov-14	64	
1-Dec-14	73	
2-Dec-14	54	
3-Dec-14	55	
4-Dec-14	58	
5-Dec-14	83	
6-Dec-14	104	
7-Dec-14	139	
8-Dec-14	122	
9-Dec-14	90	
14-Dec-14	87	
15-Dec-14	87	
16-Dec-14	94	
17-Dec-14	72	
18-Dec-14	93	
19-Dec-14	80	
20-Dec-14	56	
21-Dec-14	77	
22-Dec-14	71	
23-Dec-14	61	
02-Jan-15	98	
03-Jan-15	99	
12-Jan-15	61	
13-Jan-15	61	
17-Jan-15	69	
18-Jan-15	64	
19-Jan-15	76	
22-Jan-15	64	
27-Jan-15	67	
28-Jan-15	67	

TRA-2		
Date	TSP concentration (μg/m³, 24-h average)	



Appendix 4 – Dust Deposition Data (Insoluble Fraction)

	Site 5	Site 6	Site 7
Data	(Burrup Road) g/m²/month	(Water Tanks) g/m²/month	(Deep Gorge) g/m ² /month
Date Son 12	9/m /month 0.077		9/m /month 0.011
Sep-13	0.077	0.00 1.20	1.50
Oct-13 Nov-13	1.58	0.35	1.19
Dec-13	1.58	2.05	0.95
Jan-14			
Feb-14	NS	NS	NS
Mar-14	NS 1.42	NS	NS 1.42
	0.093	NS 0.47	0.45
Apr-14	0.033	0.47	0.45
May-14	0.033	0.03	0.03
Jun-14 Jul-14	1.57	2.04	1.98
Aug-14	1.76	0.65	1.08
	0.56	0.38	0.94
Sep-14 Oct-14			
	NS 1.68	NS 1.51	NS 2.50
Nov-14	1.68	1.51	2.50
Dec-14	NS	NS 1.27	NS 5.03
Jan-15	2.00	1.27	5.03
Feb-15	0.84	1.45 1.29	1.11
Mar-15	NS		0.71
Apr-15	NS	NS 1.35	NS 0.03
May-15	NS	1.35	0.82
Jun-15	NS 0.44	0.26	0.12
Jul-15	0.44	0.47	0.35
Aug-15	0.44	0.58	0.43
Sep-15	0.50	0.77	1.18
Oct-15	0.85	0.79	0.77
Nov-15	0.54	1.25	2.03
Dec-15	1.72	0.73	1.87
Jan-16	1.06	1.37	1.19
Feb-16	0.64	0.78	0.74
Mar-16	0.74	0.60	0.01
Apr-16	0.82	0.76	1.70
May-16	0.49	0.58	0.31
Jun-16	1.22	0.42	0.62