



Yara Pilbara Nitrates Pty Ltd  
Air Quality Monitoring Report  
June 2018

29-06-2018 650-200-REP-YPN-0007 Rev 0

**Ambient Air Concentration of Gases**

**NH<sub>3</sub>, NO<sub>2</sub> and SO<sub>2</sub>**

Site	Date On	Date Off	NH <sub>3</sub>	NO <sub>2</sub>	SO <sub>2</sub>
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Site 5 - Burrup Road	No new results received to date				
Site 6 - Water Tanks					
Site 7 - Deep Gorge					



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**Airborne Particulate Concentration**  
**Total Suspended Particulates (TSP)**

<b>Period Start Date<sup>(1),(2)</sup></b>	<b>Site 5 (Burrup Road) TSP</b>	<b>Site 6 (Water Tanks) TSP</b>	<b>Site 7 (Deep Gorge) TSP</b>
<b>Units</b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>
26/04/2018	24	32	30
02/05/2018	21	25	23
08/05/2018	25	22	22

**Notes:**

- (1) The date is the date that sampling commenced.
- (2) The Low Volume Air Sampler unit runs for a nominal 24 hours.



**Deposited Dust - Total Dust Deposition per Month  
 Insoluble and Soluble Fraction**

<b>Site 5 - Burrup Road</b>		<b>Date Deployed</b>	<b>28/02/2018</b>
		<b>Date Collected</b>	<b>29/03/2018</b>
<b>Parameter</b>	<b>Unit</b>	<b>Limit of Reporting</b>	
<b>Soluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.7	0.8
<b>Insoluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.8	<0.8

<b>Site 6 - Water Tanks</b>		<b>Date Deployed</b>	<b>28/02/2018</b>
		<b>Date Collected</b>	<b>29/03/2018</b>
<b>Parameter</b>	<b>Unit</b>	<b>Limit of Reporting</b>	
<b>Soluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.7	1.0
<b>Insoluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.8	0.9

<b>Site 7 - Deep Gorge</b>		<b>Date Deployed</b>	<b>28/02/2018</b>
		<b>Date Collected</b>	<b>29/03/2018</b>
<b>Parameter</b>	<b>Unit</b>	<b>Limit of Reporting</b>	
<b>Soluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.7	<0.7
<b>Insoluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.8	1.1