



Yara Pilbara Nitrates Pty Ltd
Air Quality Monitoring Report
February 2018

22-02-2018 650-200-REP-YPN-0003 Rev 0

Ambient Air Concentration of Gases

NH₃, NO₂ and SO₂

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



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Airborne Particulate Concentration
Total Suspended Particulates (TSP)

Period Start Date	Site 5 (Burrup Road) TSP	Site 6 (Water Tanks) TSP	Site 7 (Deep Gorge) TSP
Units	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
15-Nov-17	30	34	34
21-Nov-17	31	39	43
27-Nov-17	35	39	46
03-Dec-17	48	30	43
09-Dec-17	51	31	32
15-Dec-17	34	37	58
21-Dec-17	38	34	27
27-Dec-17	39	41	36
02-Jan-18	49	27	29
08-Jan-18	52	45	56
14-Jan-18	_ ³	33	_ ³
20-Jan-18	20	27	36

Notes:

1. The Low Volume Air Sampler unit runs for a nominal 24 hours.
2. The date listed above is the date that sampling commenced.
3. Site 5 and Site 7 being replaced.



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

Site 5 - Burrup Road		Date Deployed	
		Date Collected	
Parameter	Unit	Limit of Reporting	
Soluble solids	g/m ² /month	0.7	No new results received to date
Insoluble solids	g/m ² /month	0.8	

Site 6 - Water Tanks		Date Deployed	
		Date Collected	
Parameter	Unit	Limit of Reporting	
Soluble solids	g/m ² /month	0.7	No new results received to date
Insoluble solids	g/m ² /month	0.8	

Site 7 - Deep Gorge		Date Deployed	
		Date Collected	
Parameter	Unit	Limit of Reporting	
Soluble solids	g/m ² /month	0.7	No new results received to date
Insoluble solids	g/m ² /month	0.8	