



Yara Pilbara Nitrates Pty Ltd  
Air Quality Monitoring Report  
February 2022

14/03/2022 650-200-REP-YPN-0053 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 – Hearsons Cove					

**Notes:**

(1) Site 7 renamed from Deep Gorge to Hearsons Cove due to site relocation in April 2020.



Yara Pilbara Nitrates Pty Ltd  
Air Quality Monitoring Report  
February 2022

14/03/2022 650-200-REP-YPN-0053 Rev 0

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

Period Start Date <sup>(1),(2)</sup>	Site 5 (Burrup Road) TSP	Site 6 (Water Tanks) TSP	Site 7 (Hearsons Cove) TSP
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
05/01/2022	76	89	89
11/01/2022	36	36	41
17/01/2022	44	54	54
23/01/2022	39	45	48

**Notes:**

- (1) The date is the date that sampling commenced.
- (2) The Low Volume Air Sampler unit runs for a nominal 24 hours.
- (3) Site 7 renamed from Deep Gorge to Hearsons Cove due to site relocation in April 2020.



**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 <sup>2</sup> /month	0.7	No new results received to date	
Insoluble solids	g/m <sup>2</sup> /month	0.8		

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

Site 7 - Hearsons Cove		Date Deployed		
		Date Collected		
Parameter	Unit	Limit of Reporting		
Soluble solids	g/m <sup>2</sup> /month	0.7	No new results received to date	
Insoluble solids	g/m <sup>2</sup> /month	0.8		

**Notes:**

(1) Site 7 renamed from Deep Gorge to Hearsons Cove due to site relocation in April 2020.