



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 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
April 2024

29/05/2024 650-200-REP-YPN-0079 Rev 0

Airborne Particulate Concentration
Total Suspended Particulates (TSP)

Period Start Date ^{(1),(2)}	Site 5 (Burrup Road) TSP	Site 6 (Water Tanks) TSP	Site 7 (Hearsons Cove) TSP
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
24-Feb-24	39	43	37
01-Mar-24	59	63	73
07-Mar-24	25	31	No sample due to run time error
13-Mar-24	23	26	34
19-Mar-24	24	22	26
25-Mar-24	26	21	29
31-Mar-24	13	20	24
06-Apr-24	26	19	27

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 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 – Hearsons Cove		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	

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
April 2024

29/05/2024 650-200-REP-YPN-0079 Rev 0