



Yara Pilbara Nitrates Pty Ltd
Air Quality Monitoring Report
November 2025

29/12//2025 650-200-REP-YPN-0098 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	1/09/2025	15/09/2025	0.14	3.47	0.00
Site 6 - Water Tanks	1/09/2025	15/09/2025	0.56	8.22	0.19
Site 7 - Hearsons Cove	1/09/2025	15/09/2025	0.67	8.87	0.03
Site 5 - Burrup Road	15/09/2025	30/09/2025	0.25	3.94	0.13
Site 6 - Water Tanks	15/09/2025	30/09/2025	0.33	4.83	0.01
Site 7 - Hearsons Cove	15/09/2025	30/09/2025	0.64	9.07	0.08
Site 5 - Burrup Road	30/09/2025	15/10/2025	0.37	5.45	0.45
Site 6 - Water Tanks	30/09/2025	15/10/2025	0.45	9.39	0.05
Site 7 - Hearsons Cove	30/09/2025	15/10/2025	0.23	7.48	0.10
Site 5 - Burrup Road	15/10/2025	30/10/2025	0.13	5.08	0.05
Site 6 - Water Tanks	15/10/2025	30/10/2025	0.16	6.45	0.10
Site 7 - Hearsons Cove	15/10/2025	30/10/2025	0.2	6.14	0.44

Notes:

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



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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
	µg/m ³	µg/m ³	µg/m ³
	No new results to date		

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



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Site 5 - Burrup Road		Date Deployed	1/09/2025
		Date Collected	30/09/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	<0.7
Insoluble solids	g/m ² /month	0.8	0.8

Site 6 - Water Tanks		Date Deployed	1/09/2025
		Date Collected	30/09/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	0.9
Insoluble solids	g/m ² /month	0.8	1

Site 7 – Hearsons Cove		Date Deployed	1/09/2025
		Date Collected	30/09/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	0.8
Insoluble solids	g/m ² /month	0.8	0.9

Notes:

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