



Yara Pilbara Nitrates Pty Ltd
Air Quality Monitoring Report
September 2025

18/11//2025 650-200-REP-YPN-0096 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	1/07/2025	14/07/2025	0.59	8.15	0.13
Site 6 - Water Tanks	1/07/2025	14/07/2025	0.31	7.55	0.13
Site 7 - Hearsons Cove	1/07/2025	14/07/2025	0.29	2.33	0.04
Site 5 - Burrup Road	14/07/2025	31/07/2025	1.01	6.34	0.17
Site 6 - Water Tanks	14/07/2025	31/07/2025	0.82	4.69	0.31
Site 7 - Hearsons Cove	14/07/2025	31/07/2025	0.22	2.92	0.06
Site 5 - Burrup Road	31/07/2025	14/08/2025	0.65	8.01	0.15
Site 6 - Water Tanks	31/07/2025	14/08/2025	0.37	5.69	0.06
Site 7 - Hearsons Cove	31/07/2025	14/08/2025	0.29	4.05	0.12
Site 5 - Burrup Road	14/08/2025	1/09/2025	1.00	7.77	0.36
Site 6 - Water Tanks	14/08/2025	1/09/2025	0.70	2.25	0.11
Site 7 - Hearsons Cove	14/08/2025	1/09/2025	0.37	2.46	0.03

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
17/08/2025	15	14	21
23/08/2025	26	22	20

Notes:

(1) The date is the date that sampling commenced.

(2) The Low Volume Air Sampler unit runs for a nominal 24 hours.



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

Site 5 - Burrup Road		Date Deployed	1/07/2025
		Date Collected	31/07/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	<0.7
Insoluble solids	g/m ² /month	0.8	1.4

Site 6 - Water Tanks		Date Deployed	1/07/2025
		Date Collected	31/07/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	1.1
Insoluble solids	g/m ² /month	0.8	<0.8

Site 7 – Hearsons Cove		Date Deployed	1/07/2025
		Date Collected	31/07/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	0.9
Insoluble solids	g/m ² /month	0.8	1

Notes:

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