



Yara Pilbara Nitrates Pty Ltd
Air Quality Monitoring Report
April 2026

28/05//2026 650-200-REP-YPN-0103 Rev 0

Ambient Air Concentration of Gases
NH₃, NO₂ and SO₂

Site	Date On	Date Off	NH3	NO2	SO2
			µg/m3	µg/m3	µg/m3
Site 5 - Burrup Road	31/12/2025	16/01/2026	0.12	2.44	0.32
Site 6 - Water Tanks	31/12/2025	16/01/2026	0.11	3.90	0.36
Site 7 - Hearsons Cove	31/12/2025	16/01/2026	0.68	0.46	0.00
Site 5 - Burrup Road	16/01/2026	30/01/2026	0.17	2.53	0.11
Site 6 - Water Tanks	16/01/2026	30/01/2026	0.15	1.86	0.36
Site 7 - Hearsons Cove	16/01/2026	30/01/2026	0.27	1.31	0.00
Site 5 - Burrup Road	30/01/2026	13/02/2026	0.27	2.27	0.08
Site 6 - Water Tanks	30/01/2026	13/02/2026	0.31	1.80	0.11
Site 7 - Hearsons Cove	30/01/2026	13/02/2026	0.62	1.71	0.08
Site 5 - Burrup Road	13/02/2026	26/02/2026	0.35	1.89	0.12
Site 6 - Water Tanks	13/02/2026	26/02/2026	0.17	2.14	0.12
Site 7 - Hearsons Cove	13/02/2026	26/02/2026	0.40	1.89	0.12

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
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
15-Mar-26	12	38	34
21-Mar-26	27	20	21
27-Mar-26	No sample due to cyclone Narelle		
02-Apr-26	27	31	28
08-Apr-26	33	31	29

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	29/01/2026
		Date Collected	26/02/2026
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	<0.7
Insoluble solids	g/m ² /month	0.8	1.7

Site 6 - Water Tanks		Date Deployed	29/01/2026
		Date Collected	26/02/2026
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	1.3
Insoluble solids	g/m ² /month	0.8	1.9

Site 7 – Hearsons Cove		Date Deployed	29/01/2026
		Date Collected	26/02/2026
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	<0.7
Insoluble solids	g/m ² /month	0.8	1.8

Notes:

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