



Yara Pilbara Nitrates Pty Ltd
Air Quality Monitoring Report
December 2024

24/01/2025 650-200-REP-YPN-0087 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	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



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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
02-Nov-24	No sample due to run time error outside of 24 ± 1 hour	48	43
08-Nov-24	45	51	41
14-Nov-24	38	43	35
20-Nov-24	40	40	43
26-Nov-24	81	64	44
02-Dec-24	42	42	39

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.



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

Site 5 - Burrup Road		Date Deployed	1/10/2024
		Date Collected	31/10/2024
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	0.8
Insoluble solids	g/m ² /month	0.8	1.8

Site 6 - Water Tanks		Date Deployed	1/10/2024
		Date Collected	31/10/2024
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	1.2
Insoluble solids	g/m ² /month	0.8	1.9

Site 7 – Hearsons Cove		Date Deployed	1/10/2024
		Date Collected	31/10/2024
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	0.8
Insoluble solids	g/m ² /month	0.8	2

Notes:

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