



Yara Pilbara Nitrates Pty Ltd
Air Quality Monitoring Report
October 2025

26/11//2025 650-200-REP-YPN-0097 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 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
29-Aug-25	21	No sample- Sampling period outside of 24+/-1hr	23
04-Sep-25	26	27	26
10-Sep-25	29	29	28
16-Sep-25	33	26	23

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	31/07/2025
		Date Collected	1/09/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	1
Insoluble solids	g/m ² /month	0.8	0.9

Site 6 - Water Tanks		Date Deployed	31/07/2025
		Date Collected	1/09/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	1.3
Insoluble solids	g/m ² /month	0.8	0.9

Site 7 – Hearsons Cove		Date Deployed	31/07/2025
		Date Collected	1/09/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	1
Insoluble solids	g/m ² /month	0.8	1.1

Notes:

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