



Yara Pilbara Nitrates Pty Ltd
Air Quality Monitoring Report
August 2025

2/10//2025 650-200-REP-YPN-0095 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
12-Jul-25	28	No sample - Sample outside runtime tolerance	21
18-Jul-25	23	No sample - Sample outside runtime tolerance	17
24-Jul-25	No sample - Sample outside runtime tolerance	No sample - Sample outside runtime tolerance	22
30-Jul-25	No sample - Sample outside runtime tolerance	No sample - Sample outside runtime tolerance	24
05-Aug-25	No sample - Sample outside runtime tolerance	No sample - Sample outside runtime tolerance	17
11-Aug-25	No sample - Sample outside runtime tolerance	15	13

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	30/05/2025
		Date Collected	1/07/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	1.2
Insoluble solids	g/m ² /month	0.8	<0.8

Site 6 - Water Tanks		Date Deployed	30/05/2025
		Date Collected	1/07/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	1.7
Insoluble solids	g/m ² /month	0.8	<0.8

Site 7 – Hearsons Cove		Date Deployed	30/05/2025
		Date Collected	1/07/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	1.2
Insoluble solids	g/m ² /month	0.8	<0.8

Notes:

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