



Yara Pilbara Nitrates Pty Ltd
Air Quality Monitoring Report
January 2025

18/02/2025 650-200-REP-YPN-0088 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
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
08-Dec-24	54	57	56
14-Dec-24	21	20	23
20-Dec-24	38	32	35
26-Dec-24	61	59	54
01-Jan-25	Removed data due to spoiled filter from suspected rain ingress.	Removed data due to spoiled filter from suspected rain ingress.	20
07-Jan-25	39	43	35

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.



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

Site 5 - Burrup Road		Date Deployed	
		Date Collected	
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	No new results received to date
Insoluble solids	g/m ² /month	0.8	

Site 6 - Water Tanks		Date Deployed	
		Date Collected	
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	No new results received to date
Insoluble solids	g/m ² /month	0.8	

Site 7 – Hearsons Cove		Date Deployed	
		Date Collected	
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	No new results received to date
Insoluble solids	g/m ² /month	0.8	

Notes:

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