Yara Pilbara Nitrates Pty Ltd

Air Quality Monitoring Report

September 2026

28/10//2026 650-200-REP-YPN-0108 Rev 0

Ambient Air Concentration of Gases

NH_3, NO_2 and SO_2

Site	Date On	Date Off	NH3	NO2	SO2
			µg/m3	µg/m3	µg/m3
Site 5 - Burrup Road	30/06/2026	14/07/2026	1.15	10.74	0.09
Site 6 - Water Tanks	30/06/2026	14/07/2026	0.66	8.22	0.16
Site 7 - Hearsons Cove	30/06/2026	14/07/2026	0.43	4.20	0.09
Site 5 - Burrup Road	14/07/2026	30/07/2026	2.08	7.38	0.08
Site 6 - Water Tanks	14/07/2026	30/07/2026	0.62	3.03	0.08
Site 7 - Hearsons Cove	14/07/2026	30/07/2026	0.26	2.44	0.13
Site 5 - Burrup Road	30/07/2026	13/08/2026	1.35	9.75	0.15
Site 6 - Water Tanks	30/07/2026	13/08/2026	0.62	5.03	0.12
Site 7 - Hearsons Cove	30/07/2026	13/08/2026	0.17	0.66	0.28
Site 5 - Burrup Road	13/08/2026	31/08/2026	0.66	10.36	0.16
Site 6 - Water Tanks	13/08/2026	31/08/2026	0.67	7.24	0.09
Site 7 - Hearsons Cove	13/08/2026	31/08/2026	0.27	6.20	0.13

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

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
12/08/2026	29	36	41
18/08/2026	25	22	16
24/08/2026	18	12	13
30/08/2026	25	17	23

Notes:
(1) The date is the date that sampling commenced.
(2) The Low Volume Air Sampler unit runs for a nominal 24 hours.

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

Site 5 - Burrup Road		Date Deployed	30/06/2026
		Date Collected	30/07/2026
Parameter	**Unit**	**Limit of reporting**	
Soluble solids	**g/m²/month**	0.7	<0.7
Insoluble solids	**g/m²/month**	0.8	<0.8

Site 6 - Water Tanks		Date Deployed	30/06/2026
		Date Collected	30/07/2026
Parameter	**Unit**	**Limit of reporting**	
Soluble solids	**g/m²/month**	0.7	0.9
Insoluble solids	**g/m²/month**	0.8	<0.8

Site 7 – Hearsons Cove		Date Deployed	30/06/2026
		Date Collected	30/07/2026
Parameter	**Unit**	**Limit of reporting**	
Soluble solids	**g/m²/month**	0.7	<0.7
Insoluble solids	**g/m²/month**	0.8	<0.8

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