



Ambient Air Concentration of Gases
NH₃, NO₂ and SO₂

Site	Date On	Date Off	NH3	NO2	SO2
			µg/m3	µg/m3	µg/m3
Site 5 - Burrup Road	30/10/2025	13/11/2025	0.22	3.72	1.61
Site 6 - Water Tanks	30/10/2025	13/11/2025	0.27	8.53	0.09
Site 7 - Hearsons Cove	30/10/2025	13/11/2025	0.27	2.75	0.03
Site 5 - Burrup Road	13/11/2025	28/11/2025	0.16	4.37	6.65
Site 6 - Water Tanks	13/11/2025	28/11/2025	0.30	2.00	0.52
Site 7 - Hearsons Cove	13/11/2025	28/11/2025	0.44	3.68	0.58
Site 5 - Burrup Road	28/11/2025	16/12/2025	0.29	4.03	0.09
Site 6 - Water Tanks	28/11/2025	16/12/2025	0.39	4.41	0.06
Site 7 - Hearsons Cove	28/11/2025	16/12/2025	0.65	3.20	0.11
Site 5 - Burrup Road	16/12/2025	31/12/2025	0.40	2.64	0.08
Site 6 - Water Tanks	16/12/2025	31/12/2025	1.01	3.23	0.07
Site 7 - Hearsons Cove	16/12/2025	31/12/2025	0.61	2.48	0.08

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
09-Nov-25	43 (3)	41 (3)	43 (3)
15-Nov-25	59 (3)	61 (3)	55 (3)
21-Nov-25	37 (3)	31 (3)	33 (3)
27-Nov-25	40 (3)	48 (3)	47 (3)
03-Dec-25	65	45	53
09-Dec-25	63	50	53
15-Dec-25	41	38	39
21-Dec-25	Sample failed volume check	Sample failed volume check	Sample failed volume check
27-Dec-25	Sample failed volume check	42	Sample failed volume check
02-Jan-26	48	51	42

Notes:

- (1) The date is the date that sampling commenced.
(2) The Low Volume Air Sampler unit runs for a nominal 24 hours.
(3) Indicative only - lab and field blank above AS tolerance



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

Site 5 - Burrup Road		Date Deployed	30/10/2025
		Date Collected	28/11/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	<0.7
Insoluble solids	g/m ² /month	0.8	1.6

Site 6 - Water Tanks		Date Deployed	30/10/2025
		Date Collected	28/11/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	0.8
Insoluble solids	g/m ² /month	0.8	1.6

Site 7 – Hearsons Cove		Date Deployed	30/10/2025
		Date Collected	28/11/2025
Parameter	Unit	Limit of reporting	
Soluble solids	g/m ² /month	0.7	<0.7
Insoluble solids	g/m ² /month	0.8	1.5

Notes:

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