



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	4/03/2025	18/03/2025	0.50	5.28	0.44
Site 6 - Water Tanks	4/03/2025	18/03/2025	0.81	9.36	0.20
Site 7 - Hearsons Cove	4/03/2025	18/03/2025	0.84	3.15	0.13
Site 5 - Burrup Road	18/03/2025	2/04/2025	0.64	3.52	0.15
Site 6 - Water Tanks	18/03/2025	2/04/2025	0.58	2.42	0.12
Site 7 - Hearsons Cove	18/03/2025	2/04/2025	0.49	15.24	0.15
Site 5 - Burrup Road	2/04/2025	16/04/2025	0.32	5.44	0.08
Site 6 - Water Tanks	2/04/2025	16/04/2025	0.33	2.61	0.09
Site 7 - Hearsons Cove	2/04/2025	16/04/2025	0.40	2.53	0.19
Site 5 - Burrup Road	16/04/2025	1/05/2025	0.87	6.86	0.05
Site 6 - Water Tanks	16/04/2025	1/05/2025	0.56	3.08	0.14
Site 7 - Hearsons Cove	16/04/2025	1/05/2025	0.34	2.18	0.17

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 (Hearson Cove) TSP
	µg/m ³	µg/m ³	µg/m ³
07-Apr-25	23	21	16
13-Apr-25	19	21	20
19-Apr-25	24	27	25
25-Apr-25	26	26	22

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	
		Date Collected	
Parameter	Unit	Limit of Reporting	
Insoluble Solids	g/m ² /month	0.8	No new results received to date.
Soluble Solids	g/m ² /month	0.7	

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

Site 7- Hearson Cove		Date Deployed	
		Date Collected	
Parameter	Unit	Limit of Reporting	
Insoluble Solids	g/m ² /month	0.8	No new results received to date.
Soluble Solids	g/m ² /month	0.7	