



**Ambient Air Concentration of Gases**  
**NH<sub>3</sub>, NO<sub>2</sub> and SO<sub>2</sub>**

Site	Date On	Date Off	NH <sub>3</sub>	NO <sub>2</sub>	SO <sub>2</sub>
			µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Site 5 - Burrup Road	14/04/2022	29/04/2022	1.18	5.70	0.09
Site 6 - Water Tanks	14/04/2022	29/04/2022	1.30	3.46	0.04
Site 7 – Hearsons Cove	14/04/2022	29/04/2022	1.11	1.44	0.06
Site 5 - Burrup Road	29/04/2022	13/05/2022	2.04	7.15	0.07
Site 6 - Water Tanks	29/04/2022	13/05/2022	0.40	2.89	0.07
Site 7 - Hearsons Cove	29/04/2022	13/05/2022	0.89	1.90	0.01
Site 5 - Burrup Road	13/05/2022	1/06/2022	2.21	4.53	0.15
Site 6 - Water Tanks	13/05/2022	1/06/2022	0.87	1.36	0.08
Site 7 - Hearsons Cove	13/05/2022	1/06/2022	0.48	0.31	0.54
Site 5 - Burrup Road	1/06/2022	17/06/2022	2.42	4.40	0.13
Site 6 - Water Tanks	1/06/2022	17/06/2022	0.20	1.53	0.13
Site 7 - Hearsons Cove	1/06/2022	17/06/2022	0.12	1.15	0.01

**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 <sup>(1),(2)</sup>	Site 5 (Burrup Road) TSP	Site 6 (Water Tanks) TSP	Site 7 (Hearsons Cove) TSP
	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
29-May-22	13	13	14
04-Jun-22	8	8	8
10-Jun-22	12	21	13
16-Jun-22	10	16	14
22-Jun-22	10	11	12
28-Jun-22	12	20	15

**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	29/04/2022
		Date Collected	1/06/2022
Parameter	Unit	Limit of Reporting	
Soluble solids	g/m <sup>2</sup> /month	0.7	<3
Insoluble solids	g/m <sup>2</sup> /month	0.8	<0.8

Site 6 - Water Tanks		Date Deployed	29/04/2022
		Date Collected	1/06/2022
Parameter	Unit	Limit of Reporting	
Soluble solids	g/m <sup>2</sup> /month	0.7	6.3
Insoluble solids	g/m <sup>2</sup> /month	0.8	0.8

Site 7 – Hearsons Cove		Date Deployed	29/04/2022
		Date Collected	1/06/2022
Parameter	Unit	Limit of Reporting	
Soluble solids	g/m <sup>2</sup> /month	0.7	6
Insoluble solids	g/m <sup>2</sup> /month	0.8	1.1

**Notes:**

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