



Ambient Air Concentration of Gases
NH₃, NO₂ and SO₂

Site	Date On	Date Off	NH ₃ µg/m ³	NO ₂ µg/m ³	SO ₂ µg/m ³
Site 5 - Burrup Road	31/08/2017	14/09/2017	1.05	3.87	0.14
Site 6 - Water Tanks	31/08/2017	14/09/2017	0.63	2.91	0.06
Site 6 - Water Tanks (Dup)	31/08/2017	14/09/2017	0.68	3.11	0.06
Site 7 - Deep Gorge	31/08/2017	14/09/2017	0.68	2.60	0.20
Site 5 - Burrup Road	14/09/2017	29/09/2017	0.74	4.65	0.18
Site 6 - Water Tanks	14/09/2017	29/09/2017	0.94	4.42	0.07
Site 6 - Water Tanks (Dup)	14/09/2017	29/09/2017	0.96	4.07	0.06
Site 7 - Deep Gorge	14/09/2017	29/09/2017	0.84	3.66	0.10
Site 5 - Burrup Road	29/09/2017	17/10/2017	0.26	4.20	0.19
Site 6 - Water Tanks	29/09/2017	17/10/2017	0.30	3.21	0.10
Site 6 - Water Tanks (Dup)	29/09/2017	17/10/2017	0.32	3.26	0.09
Site 7 - Deep Gorge	29/09/2017	17/10/2017	0.28	2.67	0.09
Site 5 - Burrup Road	17/10/2017	31/10/2017	0.29	4.99	0.23
Site 6 - Water Tanks	17/10/2017	31/10/2017	0.32	3.60	0.09
Site 6 - Water Tanks (Dup)	17/10/2017	31/10/2017	0.83	4.18	0.10
Site 7 - Deep Gorge	17/10/2017	31/10/2017	0.70	3.07	0.03
Site 5 - Burrup Road	31/10/2017	14/11/2017	0.31	3.07	0.10
Site 6 - Water Tanks	31/10/2017	14/11/2017	0.51	3.01	0.53
Site 6 - Water Tanks (Dup)	31/10/2017	14/11/2017	0.48	2.78	0.48
Site 7 - Deep Gorge	31/10/2017	14/11/2017	0.61	2.95	0.22



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Airborne Particulate Concentration
Total Suspended Particulates (TSP)

Period Start Date	Site 5 (Burrup Road) TSP	Site 6 (Water Tanks) TSP	Site 7 (Deep Gorge) TSP
Units	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
16-Sep-17	40	41	41
22-Sep-17	18	26	35
28-Sep-17	24	21	27
04-Oct-17	31	32	48
10-Oct-17	17	54	24
16-Oct-17	18	23	63
22-Oct-17	57	50	49

Notes:

1. The Low Volume Air Sampler unit runs for a nominal 24 hours.
2. The date listed above is the date that sampling commenced



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

Site 5 - Burrup Road		Date Deployed	31/08/2017
		Date Collected	29/09/2017
Parameter	Unit	Limit of Reporting	
Soluble solids	g/m ² /month	0.7	<0.7
Insoluble solids	g/m ² /month	0.8	3.7

Site 6 - Water Tanks		Date Deployed	31/08/2017
		Date Collected	29/09/2017
Parameter	Unit	Limit of Reporting	
Soluble solids	g/m ² /month	0.7	<0.7
Insoluble solids	g/m ² /month	0.8	<0.8

Site 7 - Deep Gorge		Date Deployed	31/08/2017
		Date Collected	29/09/2017
Parameter	Unit	Limit of Reporting	
Soluble solids	g/m ² /month	0.7	<0.7
Insoluble solids	g/m ² /month	0.8	1.1