

Surface Water Monitoring

EPL No:	11436
Reporting Period	Q4 2021-22

			Monitoring Location Identification									
Date of Sampling			15/09/2022	24/08/2022	24/08/2022	24/08/2022	24/08/2022	24/08/2022	24/08/2022	05/08/2022	24/08/2022	24/08/2022
Date of Reported Results			4/10/2022	4/10/2022	4/10/2022	4/10/2022	4/10/2022	4/10/2022	4/10/2022	24/08/2022	4/10/2022	4/10/2022
Pollutant	Unit*	Frequency	Site 115 - Allianoyonyige Creek (13)	Spring 2 - Crisps Creek (14)	Site 105 - Crisps Creek (15)	Site WM200 - Raw Water Dam (16)	Site WM201 - Existing Mine Buildings (17)	Site ED3SS - Lagoon 5 (18)	Site WM203 - ED3 North (19)	Site Pond 5 (22)	Site WM202 - ED3 South (54)	Site ED1 (59)
Nitrogen (Ammonia)	mg/L	Quarterly	<0.1	0.36	0.05	0.015	0.49	72	41	25.2	24	11
Biochemical Oxygen Demand	µS/cm	Quarterly	<2	10	<5	6	<5	NT	NT	11	<5	<5
Conductivity	mg/L	Quarterly	2130	2589	1029	583	317.1	13345	19678	1380	2590	10139
pH	mg/L	Quarterly	8.01	7.47	7.98	8.49	7.67	8.49	8.37	5.06	4.59	3.01
Total Dissolved Solids	pH	Quarterly	2050	2600	1100	560	320	15000	25000	1240	3300	23000
Total Organic Carbon	mg/L	Quarterly	12	31	15	5	11	2000	1600	57	4	26
Total Potassium	mV	Quarterly	1.4	3	1	3	5	1300	1900	13.2	14	65
Dissolved Oxygen	mg/L	Quarterly	8	9.53	8.49	9.87	1.03	6.25	0	8.8	8.28	11.31
Oxidation-Reduction Potential	mg/L	Quarterly	236	-204.6	-231.2	-175.8	-248.3	-129.3	-95.3	278	8.7	315.1

* Unit of Measure Abbreviations	
Microsiemens per centimetre	µS/cm
Milligrams per Litre	mg/L
Millivolts	mV

[Veolia Environmental Services Pty Ltd EPL 11436](#)

Licensee:
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Premises:
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