

## Surface Water Monitoring

EPL No:	11436
Reporting Period	Q2 2022-23

Pollutant	Unit*	Frequency	Monitoring Location Identification										
			Date of Sampling	13/12/2023	14/02/2023	15/02/2023	14/02/2023	14/02/2023	14/02/2023	14/02/2023	15/02/2023	14/02/2023	14/02/2023
			Date of Reported Results	09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023
			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	0.062	0.18	210	Dry	60	30	190	220	10	
Biochemical Oxygen Demand	µS/cm	Quarterly	<2	55	64	560		2200	30	17	1050	34	
Conductivity	mg/L	Quarterly	375	4257	255.1	21729		1873	3588	4316	28898	14452	
pH	mg/L	Quarterly	7.93	7.52	6.95	8.37		8.57	4.11	6.65	8.38	3.02	
Total Dissolved Solids	pH	Quarterly	1880	3700	2100	17000		16000	3300	3400	24000	21000	
Total Organic Carbon	mg/L	Quarterly	17	53	43	1700		2300	10	74	2000	24	
Total Potassium	mV	Quarterly	2.3	5	<0.5	1400		1400	15	82	1900	120	
Dissolved Oxygen	mg/L	Quarterly	8.16	6.63	3.98	0.33		0.28	7.09	2.18	1.86	6.65	
Oxidation-Reduction Potential	mg/L	Quarterly	88.97	-53.4	133.7	-150.2		-103.5	196.6	133.7	-112.9	388.2	

* 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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