

## Surface Water Monitoring

EPL No:	11436
Reporting Period	Q3 2023-24

Pollutant	Unit*	Frequency	Monitoring Location Identification										
			Date of Sampling	3/19/2024	3/19/2024	3/20/2024	3/19/2024	3/19/2024	3/19/2024	3/19/2024	3/21/2024	3/19/2024	3/19/2024
			Date of Reported Results	08/05/2024	08/05/2024	08/05/2024	08/05/2024	08/05/2024	08/05/2024	08/05/2024	08/05/2024	08/05/2024	08/05/2024
			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		0.046	0.014	0.061	<0.005	160	24	630	180	7.1	
Biochemical Oxygen Demand	µS/cm	Quarterly		<5	7	11	9	760	9	1120	1080	9	
Conductivity	mg/L	Quarterly		4304	1539	103.6	227.5	20313	390.2	1039.2	3050.3	1620.7	
pH	pH	Quarterly		7.67	6.44	8.33	7.11	8.47	4.41	7.38	8.23	3.26	
Total Dissolved Solids	mg/L	Quarterly		3300	760	620	130	62000	3400	5400	24000	24000	
Total Organic Carbon	mg/L	Quarterly		25	16	6	12	2000	14	1100	2000	15	
Total Potassium	mV	Quarterly		8.1	5	5	4	1600	28	300	2600	190	
Dissolved Oxygen	mg/L	Quarterly		6.37	5.9	8.09	3.17	0.12	6.12	0.22	0.17	6.4	
Oxidation-Reduction Potential	mg/L	Quarterly	Dry	91	109	62.5	154.4	-111	222	65	191	354	

* 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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