

Surface Water Monitoring

EPL No:	11455
Reporting Period	Q4 2020-2021

Pollutant	Unit*	Frequency#	Monitoring Location Identification		
			Date of Sampling	19/8/2021	19/8/2021
			Date of Reported Results	27/08/2021	27/08/2021
			Site 110 (1)	Site 150 (2)	First Flush (3)
Nitrogen (ammonia)	mg/L	Quarterly	<0.1	<0.1	<0.1
Biochemical Oxygen Demand	mg/L	Quarterly	<2	<2	<2
Conductivity	µS/cm	Quarterly	1670	1070	123
pH	pH	Quarterly	8.09	7.72	8.11
Sulphate	mg/L	Quarterly	144	64.6	9.2
Total Suspended Solids	mg/L	Quarterly	5	7	7
Total Dissolved Solids	mg/L	Quarterly	1030	701	84
Total Kjeldahl Nitrogen	mg/L	Quarterly	0.63	0.56	0.44
Total Organic Carbon	mg/L	Quarterly	14	14	7
Oil & Grease	mg/L	Quarterly	<1	<1	<1
Phosphorous	mg/L	Quarterly	<0.01	<0.01	0.03
Total Copper	mg/L	Quarterly	0.005	0.013	0.006
Total Iron	mg/L	Quarterly	0.18	0.33	0.38
Total Lead	mg/L	Quarterly	0.0027	0.0086	0.0047
Total Zinc	mg/L	Quarterly	0.194	0.235	0.052
Flow (estimate)	m3/sec	Quarterly	Gentle	Gentle	Still

* Unit of Measure Abbreviations	
Microsiemens per centimetre	µS/cm
Milligrams per Litre	mg/L
Cubic metres per second	m3/sec

[Veolia Environmental Services Pty Ltd EPL 11455](#)

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