

EPA Licence

			Sample Name	SE250191.001	SE250641.001	SE251102.001	SE251343.001	SE251615.001
			Description	EPL#3	EPL #3	EPL #3	EPL#3	EPL#3
			Sample Date	3/7/2023	11/7/2023	18/7/2023	25/7/2023	31/07/2023
			Matrix	Water	Water	Water	Water	Water
Method Name	Analyte Name	Units	Reporting Limit	Result	Result	Result	Result	Result
Anions by Ion Chromatography i	Fluoride	mg/L	0.1	0.19	0.23	0.18	0.13	0.25
Anions by Ion Chromatography i	Sulfate, SO4	mg/L	1	54	49	56	70	66
pH in water	pH**	No unit	0	7.4	7.4	7.4	7.3	7.4
Conductivity and TDS by Calcul	Conductivity @ 25 C	µS/cm	2	220	210	230	300	280
Total and Volatile Suspended S	Total Suspended Sol	mg/L	5	<5	<5	7	13	12
COD in Water	Chemical Oxygen De	mg/L	10	40	27	26	26	24
BOD5	Biochemical Oxygen	mg/L	5	<5	<5	<5	<5	<5
Total Cyanide in water by Discre	Total Cyanide	mg/L	0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Oil and Grease in Water	Oil and Grease	mg/L	5	<5	<5	<5	<5	<5
Methylene Blue Active Substanc	Anionic Surfactants a	mg/L	0.1	<0.1	0.1	0.1	<0.1	0.2
Trace Metals (Total) in Water by	Total Aluminium	µg/L	5	1800	1500	2300	600	460
Trace Metals (Total) in Water by	Total Arsenic	µg/L	1	<1	<1	<1	<1	<1
Trace Metals (Total) in Water by	Total Cadmium	µg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trace Metals (Total) in Water by	Total Chromium	µg/L	1	2	2	2	1	<1
Trace Metals (Total) in Water by	Total Cobalt	µg/L	1	<1	<1	<1	<1	<1
Trace Metals (Total) in Water by	Total Copper	µg/L	1	3	2	3	2	3
Trace Metals (Total) in Water by	Total Lead	µg/L	1	<1	1	<1	<1	<1
Trace Metals (Total) in Water by	Total Manganese	µg/L	1	8	8	8	7	6
Trace Metals (Total) in Water by	Total Molybdenum	µg/L	1	<1	<1	<1	<1	<1
Trace Metals (Total) in Water by	Total Nickel	µg/L	1	2	1	2	<1	1
Trace Metals (Total) in Water by	Total Selenium	µg/L	1	<1	<1	<1	<1	<1
Trace Metals (Total) in Water by	Total Zinc	µg/L	5	<5	<5	<5	<5	7
Mercury (total) in Water	Total Mercury	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001