EPA Licence

			Sample Name	SE252059.001	SE252437.001	SE252787.001	SE253095.001
			Description	EPL #3	EPL#3	EPL #3	EPL #3
			Sample Date	8/8/2023 10:15	15/08/2023	21/08/2023	28/8/2023
			Matrix	Water	Water	Water	Water
Method Name	**Analyte Name**	**Units**	**Reporting Limit**	**Result**	**Result**	**Result**	**Result**
Anions by Ion Chromatography i	Fluoride	mg/L	0.1	**0.15**	**0.25**	**0.22**	<0.1
Anions by Ion Chromatography i	Sulfate, SO4	mg/L	1	**67**	**63**	**69**	**66**
pH in water	pH**	No unit	0	**6.4**	**7.9**	**6.5**	**7.9**
Conductivity and TDS by Calcula	Conductivity @ 25 C	µS/cm	2	**290**	**280**	**280**	**300**
Total and Volatile Suspended Sc	Total Suspended Sol	mg/L	5	**9**	**12**	**7**	<5
COD in Water	Chemical Oxygen De	mg/L	10	**22**	**25**	**22**	**19**
BOD5	Biochemical Oxygen	mg/L	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
Oil and Grease in Water	Oil and Grease	mg/L	5	<5	<5	<5	<5
Methylene Blue Active Substanc	Anionic Surfactants a	mg/L	0.1	<0.1	<0.1	<0.1	<0.1
Trace Metals (Total) in Water by	Total Aluminium	µg/L	5	**520**	**500**	**420**	**140**
Trace Metals (Total) in Water by	Total Arsenic	µg/L	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
Trace Metals (Total) in Water by	Total Chromium	µg/L	1	<1	<1	<1	<1
Trace Metals (Total) in Water by	Total Cobalt	µg/L	1	<1	<1	<1	<1
Trace Metals (Total) in Water by	Total Copper	µg/L	1	**2**	**2**	**2**	**1**
Trace Metals (Total) in Water by	Total Lead	µg/L	1	**4**	<1	**2**	<1
Trace Metals (Total) in Water by	Total Manganese	µg/L	1	**7**	**9**	**10**	**6**
Trace Metals (Total) in Water by	Total Molybdenum	µg/L	1	<1	<1	<1	<1
Trace Metals (Total) in Water by	Total Nickel	µg/L	1	**1**	<1	<1	<1
Trace Metals (Total) in Water by	Total Selenium	µg/L	1	<1	<1	<1	<1
Trace Metals (Total) in Water by	Total Zinc	µg/L	5	<5	<5	<5	**9**
Mercury (total) in Water	Total Mercury	mg/L	0.0001	<0.0001	<0.0001	<0.0001	<0.0001