

Order Project Adelong

Sample Name	SE221841.001	SE221841.002	SE221841.003
Description	EPL# 7	EPL# 8	EPL# 9
Sample Date	13/7/2021	13/7/2021	13/7/2021
Matrix	Water	Water	Water

Job Number	Method Name	Analyte Name	Units	Reporting Limit	Result	Result	Result
SE221841	Volatile Petroleum Hydrocarbon	Benzene (F0)	µg/L	0.5 <0.5	<0.5	<0.5	<0.5
SE221841	Volatile Petroleum Hydrocarbon	TRH C6-C9	µg/L	40 <40	<40	<40	<40
SE221841	Volatile Petroleum Hydrocarbon	TRH C6-C10	µg/L	50 <50	<50	<50	<50
SE221841	Volatile Petroleum Hydrocarbon	TRH C6-C10 minus 1,2-dichloroethane	µg/L	50 <50	<50	<50	<50
SE221841	Volatile Petroleum Hydrocarbon	d4-1,2-dichloroethane %	%	0	99	85	84
SE221841	Volatile Petroleum Hydrocarbon	d8-toluene (Surrogate) %	%	0	98	96	96
SE221841	Volatile Petroleum Hydrocarbon	Bromofluorobenzene %	%	0	95	76	76
SE221841	TRH (Total Recoverable Hydrocarbon)	TRH C10-C14	µg/L	50 <50	<50	<50	<50
SE221841	TRH (Total Recoverable Hydrocarbon)	TRH C15-C28	µg/L	200 <200	<200	<200	<200
SE221841	TRH (Total Recoverable Hydrocarbon)	TRH C29-C36	µg/L	200 <200	<200	<200	<200
SE221841	TRH (Total Recoverable Hydrocarbon)	TRH C37-C40	µg/L	200 <200	<200	<200	<200
SE221841	TRH (Total Recoverable Hydrocarbon)	TRH >C10-C16	µg/L	60 <60	<60	<60	<60
SE221841	TRH (Total Recoverable Hydrocarbon)	TRH >C10-C16 - Naphthalene	µg/L	60 <60	<60	<60	<60
SE221841	TRH (Total Recoverable Hydrocarbon)	TRH >C16-C34 (F3)	µg/L	500 <500	<500	<500	<500
SE221841	TRH (Total Recoverable Hydrocarbon)	TRH >C34-C40 (F4)	µg/L	500 <500	<500	<500	<500
SE221841	TRH (Total Recoverable Hydrocarbon)	TRH C10-C40	µg/L	320 <320	<320	<320	<320
SE221841	Alkalinity	Bicarbonate Alkalinity	mg/L	5	39	29	76
SE221841	Alkalinity	Total Alkalinity as Calcium	mg/L	5	39	29	76
SE221841	Anions by Ion Chromatography	Fluoride	mg/L	0.1 N.A.	N.A.	N.A.	N.A.
SE221841	Anions by Ion Chromatography	Chloride	mg/L	1	8.4	8.8	12
SE221841	Anions by Ion Chromatography	Sulfate, SO4	mg/L	1	22	120	120
SE221841	Total Cyanide in water by Discrete	Total Cyanide	mg/L	0.004 <0.004	<0.004	<0.004	<0.004
SE221841	Methylene Blue Active Substances	Anionic Surfactants	mg/L	0.1	0.2	0.2	<0.1
SE221841	pH in water	pH**	No unit	0	6.5	5.8	6.4
SE221841	Conductivity and TDS by Calculation	Conductivity @ 25 C	µS/cm	2 N.A.	N.A.	N.A.	N.A.
SE221841	BOD5	Biochemical Oxygen Demand	mg/L	5 N.A.	N.A.	N.A.	N.A.
SE221841	COD in Water	Chemical Oxygen Demand	mg/L	10 N.A.	N.A.	N.A.	N.A.
SE221841	Total and Volatile Suspended Solids	Total Suspended Solids	mg/L	5 N.A.	N.A.	N.A.	N.A.
SE221841	Oil and Grease in Water	Oil and Grease	mg/L	5 N.A.	N.A.	N.A.	N.A.
SE221841	Metals in Water (Dissolved) by Inductively Coupled Plasma Atomic Absorption Spectrometry	Calcium, Ca	mg/L	0.2	7.4	17	19
SE221841	Metals in Water (Dissolved) by Inductively Coupled Plasma Atomic Absorption Spectrometry	Magnesium, Mg	mg/L	0.1	4.3	16	23
SE221841	Metals in Water (Dissolved) by Inductively Coupled Plasma Atomic Absorption Spectrometry	Sodium, Na	mg/L	0.5	15	18	32
SE221841	Metals in Water (Dissolved) by Inductively Coupled Plasma Atomic Absorption Spectrometry	Potassium, K	mg/L	0.1	2.3	20	0.5
SE221841	Trace Metals (Total) in Water by Inductively Coupled Plasma Atomic Absorption Spectrometry	Total Aluminium	mg/L	0.005 N.A.	N.A.	N.A.	N.A.

SE221841	Trace Metals (Total) in Water by Total Arsenic	mg/L	0.001	N.A.	N.A.	N.A.	
SE221841	Trace Metals (Total) in Water by Total Cadmium	mg/L	0.0001	N.A.	N.A.	N.A.	
SE221841	Trace Metals (Total) in Water by Total Chromium	mg/L	0.001	N.A.	N.A.	N.A.	
SE221841	Trace Metals (Total) in Water by Total Cobalt	mg/L	0.001	N.A.	N.A.	N.A.	
SE221841	Trace Metals (Total) in Water by Total Copper	mg/L	0.001		0.13	0.005	0.003
SE221841	Trace Metals (Total) in Water by Total Lead	mg/L	0.001	N.A.	N.A.	N.A.	
SE221841	Trace Metals (Total) in Water by Total Manganese	mg/L	0.001	N.A.	N.A.	N.A.	
SE221841	Trace Metals (Total) in Water by Total Molybdenum	mg/L	0.001	N.A.	N.A.	N.A.	
SE221841	Trace Metals (Total) in Water by Total Nickel	mg/L	0.001	N.A.	N.A.	N.A.	
SE221841	Trace Metals (Total) in Water by Total Selenium	mg/L	0.001	N.A.	N.A.	N.A.	
SE221841	Trace Metals (Total) in Water by Total Zinc	mg/L	0.005	N.A.	N.A.	N.A.	
SE221841	Mercury (total) in Water	Total Mercury mg/L	0.0001	N.A.	N.A.	N.A.	

SE221841.004 EPL# 10 13/7/2021 Water	SE221841.005 Dam Discharge 13 13/7/2021 Water	SE221841.006 Dam Discharge 6/7/21 6/7/2021 Water
Result	Result	Result
<0.5	N.A.	N.A.
200	N.A.	N.A.
210	N.A.	N.A.
210	N.A.	N.A.
99	N.A.	N.A.
97	N.A.	N.A.
101	N.A.	N.A.
<50	N.A.	N.A.
<200	N.A.	N.A.
<200	N.A.	N.A.
<200	N.A.	N.A.
<60	N.A.	N.A.
<60	N.A.	N.A.
<500	N.A.	N.A.
<500	N.A.	N.A.
<320	N.A.	N.A.
	57	N.A.
	57	N.A.
N.A.		0.19
	5.1	N.A.
	100	79
<0.004	<0.004	<0.004
<0.1	<0.1	<0.1
	6.3	7.1
N.A.		320
N.A.	<5	<5
N.A.		29
N.A.	<5	28
N.A.	<5	18
	30	N.A.
	16	N.A.
	15	N.A.
	2.4	N.A.
N.A.		0.41
		0.44

N.A.	<0.001	<0.001	
N.A.	<0.0001	<0.0001	
N.A.	<0.001	<0.001	
N.A.	<0.001	<0.001	
	0.007	0.002	0.002
N.A.	<0.001	<0.001	
N.A.		0.012	0.017
N.A.	<0.001	<0.001	
N.A.		0.001	0.001
N.A.	<0.001	<0.001	
N.A.	<0.005	<0.005	
N.A.	<0.0001	<0.0001	