

Quarter	EPLQ1	EPLQ2	EPLQ3	EPLQ4	EPLQ1	EPLQ2	EPLQ3	EPLQ4	
Site	GW03	GW03	GW03	GW03	GW04	GW04	GW04	GW04	
Date	14-Sep-2021	16-Dec-2021	17-Mar-2022	22-Jun-2022	14-Sep-2021	16-Dec-2021	17-Mar-2022	22-Jun-2022	
Comment									
Total Dissolved Solids	mg/L	448	440	568	441	482	330	507	478
Turbidity	NTU	903	4570	187	170	4360	5600	2030	10.4
Redox Potential	mV	213	213	296	220	231	224	289	248
Chloride	mg/L	118	98.0	221	158	88.7	80.3	92.2	96.7
Sulfate	mg/L	15.4	17.9	13.9	19.6	19.3	28.0	29.8	36.5
Bicarbonate Alkalinity as CaCO3	mg/L	120	132	88.3	114	89.1	124	134	143
Carbonate Alkalinity as CaCO3	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hydroxide Alkalinity as CaCO3	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Alkalinity as CaCO3	mg/L	120	132	88	114	89	124	134	143
Calcium	mg/L	22.8	23.4	30.5	23.5	33.8	34.7	24.5	17.9
Iron	mg/L	10.5	30.0	3.12	3.26	59.1	76.5	23.7	3.87
Magnesium	mg/L	19.9	22.6	27.6	20.4	35.6	37.0	22.6	15.4
Manganese	mg/L	3.1	5.5	2.0	1.6	7.8	9.5	3.4	1.0
Potassium	mg/L	102	84.8	136	111	96.5	89.8	118	121
Sodium	mg/L	260	878	73.5	91.1	1640	1940	824	126
Fluoride	mg/L	0.06	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	<0.05
Ammonia as N	mg/L N	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
Nitrite as N	mg/L N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate as N	mg/L N	3.05	2.09	3.31	2.94	25.9	15.1	3.57	7.18
Nitrite + Nitrate as N	mg/L N	3.05	2.09	3.31	2.94	25.9	15.1	3.57	7.18
Depth to Water Sampling	m	7.85	5.02	7.05	6.18	7.62	4.27	6.47	5.80
Depth to Water Level	m	7.84	6.05	7.00	6.20	7.72	5.57	6.35	5.83
Conductivity	µS/cm	697	610	995	774	713	671	719	735
Dissolved Oxygen	mg/L	4.5	5.6	6.5	5.7	8.1	7.5	7.0	5.1
Temperature	°C	16.0	18.4	18.1	13.5	16.5	17.6	18.3	13.7
pH	pH Unit	6.0	6.1	6.4	6.6	6.1	6.3	6.5	6.5
Total Organic Carbon (as NPOC)	mg/L	2	2	2	2	4	5	3	5
Adsorbable Organic Halides (AOX)	µg/L	57	<20	100	28	43	<20	56	28
Chemical Oxygen Demand	mg/L	<5	30	24	<5	<5	84	42	<5
Biochemical Oxygen Demand	mg/L	<2	<2	<2	<2	<2	<2	<2	<2
Butane	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Butene	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Ethane	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Ethene	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Methane	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Propane	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Propene	µg/L	<10	<10	<10	<10	<10	<10	<10	<10
Phenols (Total)	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Volatile Fatty Acids	mg/L	<10	30	<10	<10	<10	25	<10	<10