BH3 - EPL Monitoring Point 4												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	2.7	3	3.1	3.3	2.8	2.6	2.46	2.8	2.66	2.43
	Bicarbonate Alkalinity (as CaCO3)	mg/L	780	1200	850	890	880	910	850	880	848	712
	Calcium	mg/L	370	370	350	420	430	460	315	430	343	302
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	10000	10000	9300	8600	8600	9400	8700	8600	8890	8280
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	680	740	670	860	830	950	712	830	769	751
	Nitrate & Nitrite (as N)	mg/L	1.3	0.05	0.1	0.05	0.05	0.05	0.02	0.05	0.01	0.01
	Nitrate (as N)	mg/L	0.35	0.02	0.06	0.02	0.02	0.02	0.02	0.02	0.01	0.01
	Nitrite (as N)	mg/L	0.97	0.02	0.04	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Phosphate total (as P)	mg/L	0.05	0.05	0.34	0.01	0.02	0.03	0.06	0.02	0.05	0.09
	Potassium	mg/L	42	42	40	49	45	42	34	45	35	30
	Sodium	mg/L	4300	4100	3800	5100	4700	4900	3970	4700	4270	4060
	Sulphate (as SO4)	mg/L	210	330	190	190	300	340	330	300	300	333
	Total Alkalinity (as CaCO3)	mg/L	780	1200	850	890	880	910	850	880	848	712
	Total Dissolved Solids	mg/L	14000	13000	15000	15000	20000	17000	17000	20000	18600	15500
	Total Organic Carbon	mg/L	5	40	91	5.5	5	5	1	5	19	20
	pH	pH	6.3	6.5	6.5	6.7	6.5	6.4	6.4	6.5	6.9	6.5
	Redox	mV	-114.7	-165.8	-187.1	-240.8	-101.7	-100.7	-89.1	-101.7	-59.9	-63.1
	Standing Water Level	mAHD	30.5	30.6	30.7	30.7	30.6	30.7	30.5	30.6	31.3	31.0
	Temperature	°C	19.7	19.1	18.7	19.9	18.9	20.4	19.7	18.9	20.6	18.5

BH3 - EPL Monitoring Point 4												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	2.54	2.26	2.27	3.31						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	865	862	862	826						
	Calcium	mg/L	344	330	304	393						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	9020	8630	8730	8770						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	764	741	770	691						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Nitrate (as N)	mg/L	0.01	0.01	0.01	0.01						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.05	0.05	0.29	1.4						
	Potassium	mg/L	36	32	34	41						
	Sodium	mg/L	4220	4150	4490	4080						
	Sulphate (as SO4)	mg/L	326	314	303	213						
	Total Alkalinity (as CaCO3)	mg/L	865	862	862	826						
	Total Dissolved Solids	mg/L	17000	22800	18400	19300						
	Total Organic Carbon	mg/L	13	2	1	2						
	pH	pH	6.6	6.66	7.08	6.54						
	Redox	mV	-130.7	-79.90	-3.60	-184.40						
	Standing Water Level	mAHD	30.7	30.62	30.62	30.50						
	Temperature	°C	18.4	19.40	18.90	19.00						

BH3 - EPL Monitoring Point 4					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	0.94	0.01
	Arsenic	mg/L	0.001	0.006	0.001
	Barium	mg/L	1.2	15.6	0.241
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0004	0.0001	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.002	0.001
	Cobalt	mg/L	0.001	0.002	0.001
	Copper	mg/L	0.01	0.007	0.001
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.7	0.4	0.4
	Lead	mg/L	0.002	0.005	0.001
	Manganese	mg/L	0.34	0.36	0.333
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.023	0.008	0.001
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.0005	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.002	0.01	0.01
	Toluene	mg/L	0.001	0.001	2
	Total Petroleum hydrocarbons	mg/L	0.1	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.024	0.044	0.005

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BH5 - EPL Monitoring Point 5												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.51	0.5	0.22	0.26	0.44	0.18	0.01	0.44	0.06	0.06
	Bicarbonate Alkalinity (as CaCO3)	mg/L	960	860	480	560	490	490	323	490	283	290
	Calcium	mg/L	120	120	100	110	120	120	49	120	38	31
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	2900	2500	2800	2900	2700	2700	2870	2700	2570	2470
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	160	170	180	220	190	230	169	190	163	157
	Nitrate & Nitrite (as N)	mg/L	0.08	0.05	0.13	0.05	0.05	0.05	0.01	0.05	0.01	0.01
	Nitrate (as N)	mg/L	0.08	0.02	0.13	0.02	0.02	0.03	0.01	0.02	0.01	0.01
	Nitrite (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Phosphate total (as P)	mg/L	0.1	0.4	0.41	0.02	0.05	0.04	0.04	0.05	0.02	0.08
	Potassium	mg/L	6.4	9.8	6.9	12.5	6.6	5.5	3	6.6	2	2
	Sodium	mg/L	1200	1200	1300	1700	1700	1700	1500	1700	1510	1430
	Sulphate (as SO4)	mg/L	240	270	220	240	290	340	399	290	519	525
	Total Alkalinity (as CaCO3)	mg/L	960	860	480	560	490	490	323	490	283	290
	Total Dissolved Solids	mg/L	4500	3700	4700	4500	4600	4400	5360	4600	5060	4690
	Total Organic Carbon	mg/L	5.4	34	61	21	5	5	2	5	2	6
	pH	pH	6.5	6.6	6.49	5.9	6.3	6.1	6.1	6.3	6.3	5.8
	Redox	mV	49.3	-81.2	80.1	-258.4	43.5	38.3	48.5	43.5	80.4	146.6
	Standing Water Level	mAHD	29.8	29.9	30.02	30.1	30.0	30.2	30.2	30.0	30.5	30.9
	Temperature	°C	18.4	18.1	16.6	18.4	17.7	18.4	18.0	17.7	18.1	17.6

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BH5 - EPL Monitoring Point 5

Monitoring Frequency	Pollutant	Unit	Aug-22	Nov-22	Feb-23	May-23						
Quarterly	Ammonia (as N)	mg/L	0.64	0.69	0.61	0.11						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	560	655	556	302						
	Calcium	mg/L	144	161	143	40						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	3320	3280	2980	2250						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	221	231	203	138						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.01	0.01	0.04						
	Nitrate (as N)	mg/L	0.01	0.01	0.01	0.04						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.05	0.06	0.05	0.03						
	Potassium	mg/L	9	10	10	4						
	Sodium	mg/L	1660	1690	1700	1360						
	Sulphate (as SO4)	mg/L	255	219	374	506						
	Total Alkalinity (as CaCO3)	mg/L	560	655	556	302						
	Total Dissolved Solids	mg/L	5980	6550	5700	4520						
	Total Organic Carbon	mg/L	11	4	2	2						
	pH	pH	6.6	6.6	6.3	6.1						
	Redox	mV	-150.9	-163.0	29.3	3.9						
	Standing Water Level	mAHD	30.5	30.4	30.1	30.2						
	Temperature	°C	16.5	18.6	18.4	17.7						

BH5 - EPL Monitoring Point 5					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	0.36	0.01
	Arsenic	mg/L	0.001	0.003	0.001
	Barium	mg/L	0.11	0.237	0.182
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0009	0.0001	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.001
	Chromium (total)	mg/L	0.001	0.001	0.001
	Cobalt	mg/L	0.005	0.007	0.002
	Copper	mg/L	0.068	0.002	0.001
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.7	0.3	0.4
	Lead	mg/L	0.003	0.001	0.001
	Manganese	mg/L	0.79	0.776	0.695
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.02	0.007	0.003
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.0005	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.001	0.01	0.01
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	0.1	0.5	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.18	0.009	0.005

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BH6 - EPL Monitoring Point 6												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.008	0.08	0.1	0.12	0.08	0.01	0.1	0.08	0.16	0.1
	Bicarbonate Alkalinity (as CaCO3)	mg/L	110	220	81	68	63	73	191	63	68	92
	Calcium	mg/L	18	43	12	12.5	4.1	5	29	4.1	1	6
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	6800	8100	7000	5900	6200	5600	6090	6200	6120	5660
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	380	420	420	450	510	380	359	510	374	336
	Nitrate & Nitrite (as N)	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.05	0.02	0.01
	Nitrate (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.05	0.01	0.02	0.02	0.01
	Nitrite (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Phosphate total (as P)	mg/L	0.88	1.5	1.2	0.99	0.7	0.15	0.87	0.7	0.76	0.18
	Potassium	mg/L	5	7.5	5	12.5	7.1	5	1	7.1	1	1
	Sodium	mg/L	0	3100	3300	3600	4000	2900	2860	4000	3060	2830
	Sulphate (as SO4)	mg/L	220	270	160	150	200	180	186	200	174	177
	Total Alkalinity (as CaCO3)	mg/L	110	220	81	68	63	73	191	63	68	92
	Total Dissolved Solids	mg/L	11000	10000	9500	11000	9800	7900	10800	9800	11000	9370
	Total Organic Carbon	mg/L	270	23	38	6	7.6	5	7	7.6	21	14
	pH	pH	5.5	5.57	5.69	5.47	5.5	4.66	5.15	5.5	5.52	5.56
	Redox	mV	-641.2	77.9	-9.9	67.9	99.7	116.4	109.4	99.7	110.7	98.6
	Standing Water Level	mAHD	38.3	38.62	38.64	38.75	38.46	38.82	38.31	38.46	38.92	39.38
	Temperature	°C	20.5	19.4	18.5	19.2	19.5	20.3	18.7	19.5	21.2	18.2

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BH6 - EPL Monitoring Point 6												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	0.04	0.1	0.07	0.17						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	73	73	60	69						
	Calcium	mg/L	3	3	3	7						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	0.1	1						
	Chloride	mg/L	5560	5410	0.1	6330						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	0.1	1						
	Magnesium	mg/L	309	328	372	379						
	Nitrate & Nitrite (as N)	mg/L	0.03	0.01	0.01	0.05						
	Nitrate (as N)	mg/L	0.02	0.01	0.01	0.03						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.02						
	Phosphate total (as P)	mg/L	0.05	0.03	0.05	0.79						
	Potassium	mg/L	1	1	1	1						
	Sodium	mg/L	2640	2730	3080	3050						
	Sulphate (as SO4)	mg/L	166	173	195	200						
	Total Alkalinity (as CaCO3)	mg/L	73	73	60	69						
	Total Dissolved Solids	mg/L	8780	10400	10700	11800						
	Total Organic Carbon	mg/L	14	10	10	13						
	pH	pH	5.58	6.7	5.4	5.5						
	Redox	mV	125.3	50.2	93.5	127.9						
	Standing Water Level	mAHD	39.12	39.1	38.5	35.7						
	Temperature	°C	16.8	18.7	19.7	19.0						

BH6 - EPL Monitoring Point 6					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	11.5	0.02
	Arsenic	mg/L	0.001	0.008	0.001
	Barium	mg/L	0.13	0.365	0.113
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0006	0.0002	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.016	0.001
	Cobalt	mg/L	0.056	0.08	0.052
	Copper	mg/L	0.092	0.074	0.005
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.5	0.2	0.2
	Lead	mg/L	0.004	0.019	0.001
	Manganese	mg/L	1.8	1.9	1.43
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.088	0.054	0.013
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.0005	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.003	0.01	0.01
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	0.2	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.18	0.11	0.021

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BH9A - EPL Monitoring Point 7												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	1.3	1.4	0.86	1.2	2.8	0.02	1.12	2.8	1.14	1.3
	Bicarbonate Alkalinity (as CaCO3)	mg/L	1600	1500	1300	1300	1200	1400	1150	1200	1200	1000
	Calcium	mg/L	270	290	280	340	380	340	270	380	287	240
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	8900	7800	8400	7600	7800	7400	7610	7800	6990	7410
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	950	1000	960	1100	940	1200	852	940	958	892
	Nitrate & Nitrite (as N)	mg/L	0.26	0.05	0.22	0.84	0.05	0.9	0.01	0.05	1	0.03
	Nitrate (as N)	mg/L	0.03	0.02	0.08	0.14	0.02	0.9	0.01	0.02	1	0.03
	Nitrite (as N)	mg/L	0.23	0.03	0.14	0.7	0.02	0.02	0.01	0.02	1	0.01
	Phosphate total (as P)	mg/L	0.05	0.05	0.11	0.2	0.02	0.66	0.1	0.02	0.05	0.35
	Potassium	mg/L	24	28	23	41	48	27	26	48	25	24
	Sodium	mg/L	4500	4200	4000	4700	4100	4600	3690	4100	4050	3830
	Sulphate (as SO4)	mg/L	1800	1700	1500	1400	1700	1700	1630	1700	1610	1510
	Total Alkalinity (as CaCO3)	mg/L	1600	1500	1300	1300	1200	1400	1150	1200	1200	1000
	Total Dissolved Solids	mg/L	16000	7000	14000	13000	16000	11000	16000	16000	16600	15300
	Total Organic Carbon	mg/L	7.7	16	100	5	5	5	4	5	1	6
	pH	pH	6.2	6.5	6.5	6.6	6.6	N/A	6.5	6.6	6.6	6.9
	Redox	mV	55.1	25.4	38.6	-56.2	-92.9	N/A	27.6	-92.9	-14.2	-13.8
	Standing Water Level	mAHD	43.9	43.9	44.0	43.8	43.8	43.8	43.7	43.8	43.6	43.5
	Temperature	°C	19.8	19.4	19.3	20.0	22.1	N/A	19.1	22.1	19.8	18.9

BH9A - EPL Monitoring Point 7												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	1.24	1.19	1.06	1.23						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	1210	1210	1190	1160						
	Calcium	mg/L	282	285	279	304						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	7970	8010	7530	7840						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	895	908	953	925						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Nitrate (as N)	mg/L	0.01	0.01	0.01	0.01						
	Nitrite (as N)	mg/L	0.02	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.1	0.12	1.17	0.06						
	Potassium	mg/L	26	24	34	24						
	Sodium	mg/L	3880	3950	4290	4040						
	Sulphate (as SO4)	mg/L	1720	1590	1630	1700						
	Total Alkalinity (as CaCO3)	mg/L	1210	1210	1190	1160						
	Total Dissolved Solids	mg/L	16400	19200	17600	17400						
	Total Organic Carbon	mg/L	36	2	1	1						
	pH	pH	6.6	6.5	7.6	6.4						
	Redox	mV	28.1	12.1	-85.2	30.4						
	Standing Water Level	mAHD	43.6	43.6	43.4	43.4						
	Temperature	°C	19.1	20.0	20.2	19.0						

BH9A - EPL Monitoring Point 7					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	1.38	0.1
	Arsenic	mg/L	0.001	0.002	0.001
	Barium	mg/L	0.02	0.032	0.029
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0003	0.0001	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.003	0.001
	Cobalt	mg/L	0.001	0.002	0.001
	Copper	mg/L	0.084	0.007	0.004
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.5	0.4	0.4
	Lead	mg/L	0.002	0.004	0.001
	Manganese	mg/L	0.24	0.333	895
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.017	0.006	0.002
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.0005	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.001	0.01	0.01
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	0.1	0.05	100
	Xylene	mg/L	0.003	0.002	1
	Zinc	mg/L	0.24	0.02	0.008

BH9B - EPL Monitoring Point 8												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.006	0.02	0.03	0.05	0.03	0.02	0.05	0.03	0.01	0.02
	Bicarbonate Alkalinity (as CaCO3)	mg/L	160	500	200	250	260	290	399	260	154	137
	Calcium	mg/L	29	91	53	48	64	54	83	64	21	9
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	4000	7200	5300	4300	5600	4200	6410	5600	2590	1880
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	370	980	590	560	700	480	694	700	270	182
	Nitrate & Nitrite (as N)	mg/L	5.8	0.21	0.62	0.37	0.06	0.05	0.01	0.06	0.05	0.09
	Nitrate (as N)	mg/L	5.8	0.21	0.6	0.37	0.06	0.04	0.01	0.06	0.05	0.09
	Nitrite (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Phosphate total (as P)	mg/L	0.14	0.05	0.06	0.01	0.1	0.16	9.01	0.1	0.05	0.09
	Potassium	mg/L	6.3	15	8.9	12.5	11	8.5	11	11	6	4
	Sodium	mg/L	1900	3400	2300	2500	2800	2100	2780	2800	1410	1040
	Sulphate (as SO4)	mg/L	670	1500	850	650	1100	650	997	1100	424	334
	Total Alkalinity (as CaCO3)	mg/L	160	500	200	250	260	290	399	260	154	137
	Total Dissolved Solids	mg/L	6900	6200	9000	7300	8700	6300	15000	8700	5620	3940
	Total Organic Carbon	mg/L	27	21	55	5	5	8.2	1	5	12	14
	pH	pH	5.8	6.1	5.9	6.2	6.2	6.2	5.6	6.2	5.9	5.8
	Redox	mV	-238.8	91.3	32.5	31.5	44.4	87.6	6.9	44.4	124.3	100.7
	Standing Water Level	mAHD	48.9	48.3	48.8	49.5	47.1	50.0	46.1	47.1	52.4	50.9
	Temperature	°C	20.6	20.2	19.1	20.5	20.1	20.1	19.4	20.1	21.5	18.6

BH9B - EPL Monitoring Point 8												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	0.03	0.1	0.04	0.01						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	184	206	184	34						
	Calcium	mg/L	22	38	35	13						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	3120	3910	3990	2860						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	268	387	432	269						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.01	0.09	0.33						
	Nitrate (as N)	mg/L	0.01	0.01	0.09	0.33						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.05	0.12	0.16	0.02						
	Potassium	mg/L	6	7	7	5						
	Sodium	mg/L	1440	1920	2020	1360						
	Sulphate (as SO4)	mg/L	414	604	541	394						
	Total Alkalinity (as CaCO3)	mg/L	184	206	184	34						
	Total Dissolved Solids	mg/L	5570	8080	8030	5380						
	Total Organic Carbon	mg/L	6	5	5	4						
	pH	pH	6.6	6.1	6.8	5.5						
	Redox	mV	25.1	77.9	-40.2	51.7						
	Standing Water Level	mAHD	48.9	47.6	48.4	50.1						
	Temperature	°C	19.1	19.8	21.6	19.6						

BH9B - EPL Monitoring Point 8					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	83	0.01
	Arsenic	mg/L	0.001	0.049	0.001
	Barium	mg/L	0.04	0.88	0.057
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0007	0.0014	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.13	0.001
	Cobalt	mg/L	0.007	0.167	0.029
	Copper	mg/L	0.074	0.418	0.005
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.7	0.3	0.5
	Lead	mg/L	0.003	0.244	0.001
	Manganese	mg/L	1.3	11.4	2.52
	Mercury	mg/L	0.0001	0.0005	0.0001
	Nickel	mg/L	0.038	0.256	0.027
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.0005	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.002	0.1	0.01
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	0.1	0.05	100
	Xylene	mg/L	<0.003	0.002	2
	Zinc	mg/L	0.24	1.22	0.036

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BH10A - EPL Monitoring Point 9												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.3	0.25	0.21	0.24	0.49	0.03	0.12	0.49	0.25	0.35
	Bicarbonate Alkalinity (as CaCO3)	mg/L	1100	1200	1000	1100	1000	1200	1010	1000	972	804
	Calcium	mg/L	310	300	390	340	450	430	304	450	323	285
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	11000	9600	10000	9400	8900	9400	8760	8900	9130	8490
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	1100	1000	1300	1200	1400	1300	928	1400	1080	980
	Nitrate & Nitrite (as N)	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.05	0.01	0.01
	Nitrate (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Nitrite (as N)	mg/L	0.02	0.02	0.02	0.02	0.03	0.02	0.01	0.03	0.01	0.01
	Phosphate total (as P)	mg/L	0.05	0.05	0.02	0.01	3.1	0.05	0.06	3.1	0.05	0.09
	Potassium	mg/L	29	34	34	33	43	36	31	43	33	28
	Sodium	mg/L	4700	4100	4900	5000	5500	4900	3890	5500	4280	4030
	Sulphate (as SO4)	mg/L	1500	1200	1200	970	1200	1100	1180	1200	1110	1090
	Total Alkalinity (as CaCO3)	mg/L	1100	1200	1000	1100	1000	1200	1010	1000	972	804
	Total Dissolved Solids	mg/L	19000	6600	14000	15000	20000	14000	18200	20000	19400	16200
	Total Organic Carbon	mg/L	5	11	89	5	5	12	3	5	4	8
	pH	pH	6.2	6.5	6.48	6.6	6.4	6.4	6.3	6.4	6.6	6.5
	Redox	mV	-391.0	-85.2	-47.7	-59.0	53.9	20.0	74.1	53.9	90.3	12.1
	Standing Water Level	mAHD	43.7	44.2	44.153	44.0	44.0	44.3	43.9	44.0	44.8	45.2
	Temperature	°C	19.2	19.8	19	19.9	19.7	19.2	19.1	19.7	19.6	18.6

BH10A - EPL Monitoring Point 9												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	0.26	0.29	0.34	0.26						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	1000	901	1010	1060						
	Calcium	mg/L	325	286	292	335						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	9280	8040	8740	8180						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	1040	913	1070	967						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.04	0.01	0.01						
	Nitrate (as N)	mg/L	0.01	0.04	0.01	0.01						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.05	0.05	0.05	0.82						
	Potassium	mg/L	36	29	32	30						
	Sodium	mg/L	4220	3900	4450	3730						
	Sulphate (as SO4)	mg/L	1200	1110	983	1150						
	Total Alkalinity (as CaCO3)	mg/L	1000	901	1010	1060						
	Total Dissolved Solids	mg/L	18100	17500	19800	18300						
	Total Organic Carbon	mg/L	12	5	2	1						
	pH	pH	6.6	7.4	8.4	6.4						
	Redox	mV	11.9	7.2	-207.1	-77.7						
	Standing Water Level	mAHD	45.0	45.0	43.9	41.3						
	Temperature	°C	19.3	20.8	19.4	18.5						

BH10A - EPL Monitoring Point 9					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	0.88	0.01
	Arsenic	mg/L	0.002	0.024	0.001
	Barium	mg/L	0.04	0.042	0.044
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0008	0.0001	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.002	0.001
	Cobalt	mg/L	0.003	0.004	0.005
	Copper	mg/L	0.11	0.008	0.004
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	1	0.4	0.4
	Lead	mg/L	0.006	0.004	0.001
	Manganese	mg/L	0.82	0.821	0.845
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.016		0.006
	Organochlorine pesticides	mg/L	0.01	0.01	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.002	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.001	1
	Selenium	mg/L	0.002	0.002	0.01
	Toluene	mg/L	0.001	0.01	2
	Total Petroleum hydrocarbons	mg/L	0.1	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.15	0.033	0.03

BH10B - EPL Monitoring Point 10												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.1	0.1	0.05	0.01	0.01	0.01	0.1	0.01	0.17	0.1
	Bicarbonate Alkalinity (as CaCO3)	mg/L	1200	1100	840	1200	900	1200	958	900	1000	570
	Calcium	mg/L	210	200	260	270	200	340	255	200	236	118
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	12000	11000	12000	12000	11000	11000	10900	11000	11000	9630
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	1400	1600	2000	2000	1800	2000	1590	1800	1670	1530
	Nitrate & Nitrite (as N)	mg/L	0.87	1.8	1.1	0.13	0.77	0.18	0.01	0.77	0.19	2.7
	Nitrate (as N)	mg/L	0.78	1.6	0.98	0.13	0.75	0.18	0.01	0.75	0.01	2.31
	Nitrite (as N)	mg/L	0.1	0.22	0.13	0.02	0.03	0.02	0.01	0.03	0.18	0.39
	Phosphate total (as P)	mg/L	0.05	0.05	0.01	0.01	0.02	0.02	0.05	0.02	0.05	0.11
	Potassium	mg/L	49	60	65	57	58	57	47	58	51	50
	Sodium	mg/L	5500	5200	4800	6500	6300	6000	4850	6300	5180	4780
	Sulphate (as SO4)	mg/L	2700	1600	2000	2300	2900	2700	2670	2900	2580	2730
	Total Alkalinity (as CaCO3)	mg/L	1200	1100	840	1200	900	1200	958	900	1000	570
	Total Dissolved Solids	mg/L	22000	9100	20000	20000	22000	20000	25400	22000	26000	21000
	Total Organic Carbon	mg/L	7.5	26	71	36	5	5	2	5	2	6
	pH	pH	6.37	6.34	7.26	6.5	6.5	6.4	6.3	6.5	6.4	6.4
	Redox	mV	94.4	87.8	-138.6	47.4	59.2	35.4	105.5	59.2	104.6	142.7
	Standing Water Level	mAHD	43.728	44.348	43.878	44.0	44.0	45.3	44.9	44.0	44.1	44.9
	Temperature	°C	20.2	21.3	18.6	19.1	20.1	19.5	18.4	20.1	19.8	17.3

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BH10B - EPL Monitoring Point 10												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	0.1	Well Damaged - Unable to obtain sample.	0.13	0.11						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	387		534	716						
	Calcium	mg/L	142		144	247						
	Carbonate Alkalinity (as CaCO3)	mg/L	1		1	1						
	Chloride	mg/L	9280		8310	9430						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1		1	1						
	Magnesium	mg/L	1090		1020	1310						
	Nitrate & Nitrite (as N)	mg/L	0.41		0.01	0.04						
	Nitrate (as N)	mg/L	0.4		0.01	0.01						
	Nitrite (as N)	mg/L	0.01		0.01	0.04						
	Phosphate total (as P)	mg/L	0.1		0.05	0.05						
	Potassium	mg/L	55		42	57						
	Sodium	mg/L	4690		4390	5150						
	Sulphate (as SO4)	mg/L	2910		2330	2610						
	Total Alkalinity (as CaCO3)	mg/L	387		534	716						
	Total Dissolved Solids	mg/L	19600		18600	23200						
	Total Organic Carbon	mg/L	24		8	6						
	pH	pH	6.6		6.3	6.2						
	Redox	mV	117.5		71.8	-4.8						
	Standing Water Level	mAHD	45.4		44.0	43.1						
	Temperature	°C	18.4		19.2	19.0						

BH10B - EPL Monitoring Point 10					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	0.91	0.01
	Arsenic	mg/L	0.001	0.015	0.001
	Barium	mg/L	0.05	0.048	0.031
	Benzene	mg/L	0.001	1	1
	Benzo(a)pyrene	mg/L	0.001	0.5	0.5
	Cadmium	mg/L	0.0009	0.0002	0.0023
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.003	0.001
	Cobalt	mg/L	0.19	0.02	0.04
	Copper	mg/L	0.098	0.011	0.004
	Ethyl benzene	mg/L	0.001	2	2
	Fluoride	mg/L	0.9	0.6	0.6
	Lead	mg/L	0.002	0.003	0.004
	Manganese	mg/L	2.4	1.82	8.57
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.044	0.082	0.111
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.001	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.002	0.01	0.01
	Toluene	mg/L	0.001	0.002	16
	Total Petroleum hydrocarbons	mg/L	0.01	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.1	0.046	0.026

BH11A - EPL Monitoring Point 11												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	2.2	3	1.5	2.6	2.7	0.53	2.22	2.7	1.72	1.95
	Bicarbonate Alkalinity (as CaCO3)	mg/L	1100	1200	850	840	840	880	928	840	805	821
	Calcium	mg/L	420	370	400	420	530	530	436	530	463	395
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	13000	10000	13000	22000	11000	11000	10800	11000	11400	10500
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	1300	740	1300	1500	1600	1500	1310	1600	1430	1460
	Nitrate & Nitrite (as N)	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.05	0.54	0.17
	Nitrate (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.02	0.08	0.16
	Nitrite (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.62	0.01
	Phosphate total (as P)	mg/L	0.02	0.05	0.02	0.02	0.02	0.02	0.05	0.02	0.05	0.24
	Potassium	mg/L	36	42	23	34	35	36	33	35	33	27
	Sodium	mg/L	4900	4100	4800	5800	6200	5400	4610	6200	5300	4960
	Sulphate (as SO4)	mg/L	1700	330	1500	1500	1900	1700	1710	1900	1710	1670
	Total Alkalinity (as CaCO3)	mg/L	1100	1200	850	840	840	880	928	840	805	821
	Total Dissolved Solids	mg/L	25000	13000	20000	17000	23000	16000	23400	23000	24800	21200
	Total Organic Carbon	mg/L	11	40	110	5	5	28	3	5	3	8
	pH	pH	6.4	6.5	587	6.5	6.6	6.3	6.3	6.6	6.6	6.2
	Redox	mV	-118	-165.8	-78.2	-76.4	-87.4	-19.3	-35.3	-87.4	-19.9	7.7
	Standing Water Level	mAHD	32.268	30.6	30.778	34.2	32.3	36.4	36.3	32.3	33.7	32.0
	Temperature	°C	20	19.1	18.9	19.2	19.6	19.3	18.2	19.6	20.9	18.7

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BH11A - EPL Monitoring Point 11												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	0.4	0.27	0.63	1.53						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	66	109	238	504						
	Calcium	mg/L	92	96	156	235						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	10800	9280	11100	11600						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	1140	934	1470	1380						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.07	0.01	0.05						
	Nitrate (as N)	mg/L	0.01	0.05	0.01	0.05						
	Nitrite (as N)	mg/L	0.02	0.02	0.01	0.01						
	Phosphate total (as P)	mg/L	0.05	0.05	0.05	0.03						
	Potassium	mg/L	5	5	8	20						
	Sodium	mg/L	4990	4430	5620	5330						
	Sulphate (as SO4)	mg/L	1420	1320	1760	1870						
	Total Alkalinity (as CaCO3)	mg/L	66	109	238	504						
	Total Dissolved Solids	mg/L	17600	19500	25100	23000						
	Total Organic Carbon	mg/L	17	9	6	5						
	pH	pH	5.4	5.6	6.8	7.4						
	Redox	mV	131.5	104.0	89.0	-109.9						
	Standing Water Level	mAHD	33.4	35.4	33.2	33						
	Temperature	°C	19.1	23.2	19.3	18.5						

BH11A - EPL Monitoring Point 11					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	0.28	0.01
	Arsenic	mg/L	0.002	0.026	0.001
	Barium	mg/L	9	0.064	0.043
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0003	0.0001	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.001	0.001
	Cobalt	mg/L	0.03	0.01	0.315
	Copper	mg/L	0.03	0.006	0.017
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	1	0.8	0.1
	Lead	mg/L	0.001	0.001	0.001
	Manganese	mg/L	1.2	0.502	2.5
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.033	0.072	0.161
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.001	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.002	0.01	0.01
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	0.1	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.11	0.036	0.246

BH11B - EPL Monitoring Point 12												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.19	0.22	0.13	0.19	0.17	0.09	0.04	0.17	0.2	0.15
	Bicarbonate Alkalinity (as CaCO3)	mg/L	87	80	120	60	64	73	62	64	67	51
	Calcium	mg/L	30	40	62	29	41	56	32	41	37	24
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	9700	13000	16000	13000	13000	13000	11000	13000	12300	10300
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	890	1500	2100	1600	2000	1800	1300	2000	1550	1320
	Nitrate & Nitrite (as N)	mg/L	3.6	0.05	0.05	0.05	0.07	0.07	0.01	0.07	0.01	0.01
	Nitrate (as N)	mg/L	2.8	0.02	0.02	0.03	0.06	0.07	0.01	0.06	0.01	0.01
	Nitrite (as N)	mg/L	0.7	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Phosphate total (as P)	mg/L	0.33	0.05	0.03	0.02	0.03	0.05	0.34	0.03	0.1	0.12
	Potassium	mg/L	5	9.4	5	3.3	3.3	5	3	3.3	2	2
	Sodium	mg/L	3900	5600	5100	6400	8100	6500	4930	8100	6160	4820
	Sulphate (as SO4)	mg/L	1200	1600	1500	1400	1900	1800	1560	1900	1690	1480
	Total Alkalinity (as CaCO3)	mg/L	87	80	120	60	64	73	62	64	67	51
	Total Dissolved Solids	mg/L	16000	8600	17000	19000	24000	12000	23300	24000	26000	19000
	Total Organic Carbon	mg/L	810	23	27	5	5	12	5	5	5	5
	pH	pH	5.51	5.38	5.66	5.1	5.3	5.1	5.0	5.3	5.6	5.2
	Redox	mV	-615.8	101.7	52.8	100.0	97.7	141.0	146.7	97.7	115.3	124.4
	Standing Water Level	mAHD	42.725	42.865	42.825	43.0	42.9	43.4	43.2	42.9	43.6	43.6
	Temperature	°C	20.7	19.6	18.4	18.8	20.1	19.5	18.3	20.1	19.7	18.0

BH11B - EPL Monitoring Point 12												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	0.22	0.16	0.19	0.21						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	48	112	65	71						
	Calcium	mg/L	21	46	31	28						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	10500	11800	10400	5360						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	6.6	1470	1340	524						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Nitrate (as N)	mg/L	0.01	0.01	0.01	0.01						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.05	0.18	0.07	1.81						
	Potassium	mg/L	2	3	2	6						
	Sodium	mg/L	4870	5970	5180	2550						
	Sulphate (as SO4)	mg/L	1160	1660	1540	639						
	Total Alkalinity (as CaCO3)	mg/L	48	112	65	71						
	Total Dissolved Solids	mg/L	18400	26000	22100	10200						
	Total Organic Carbon	mg/L	13	6	6	7						
	pH	pH	5.5	6.8	5.2	5.7						
	Redox	mV	96.7	-50.1	-39.2	-143.2						
	Standing Water Level	mAHD	43.6	43.9	43.2	42.1						
	Temperature	°C	17.8	20.1	18.8	18.4						

BH11B - EPL Monitoring Point 12					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	14.4	0.7
	Arsenic	mg/L	0.003	0.346	0.004
	Barium	mg/L	0.04	0.08	0.063
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.001	0.0004	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.018	0.001
	Cobalt	mg/L	0.46	0.465	0.351
	Copper	mg/L	0.096	0.035	0.005
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.5	0.3	0.6
	Lead	mg/L	0.005	0.026	0.005
	Manganese	mg/L	9.5	7.8	1170
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.17	0.201	0.153
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.001	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.017	0.04	0.02
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	0.01	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.26	0.281	0.236

BH12A - EPL Monitoring Point 13												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.96	0.99	0.79	1	1.2	0.25	0.87	1.2	1.04	1.07
	Bicarbonate Alkalinity (as CaCO3)	mg/L	930	950	810	700	690	870	635	690	701	549
	Calcium	mg/L	320	330	360	370	480	420	343	480	354	299
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	22000	14000	17000	19000	14000	14000	12400	14000	12700	12200
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	1400	1500	1500	1700	1900	1700	1460	1900	1590	1540
	Nitrate & Nitrite (as N)	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.05	0.01	0.08
	Nitrate (as N)	mg/L	0.02	0.04	0.05	0.02	0.02	0.02	0.01	0.02	0.01	0.08
	Nitrite (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Phosphate total (as P)	mg/L	2.4	0.21	0.04	0.29	1.7	0.18	0.08	1.7	0.56	0.13
	Potassium	mg/L	16	17	14	18	26	17	16	26	15	14
	Sodium	mg/L	5700	6100	6600	7100	7900	6400	5560	7900	6420	5620
	Sulphate (as SO4)	mg/L	1300	1300	1200	1000	1300	1100	1180	1300	1130	1090
	Total Alkalinity (as CaCO3)	mg/L	930	950	810	700	690	870	635	690	701	549
	Total Dissolved Solids	mg/L	24000	8800	2500	22000	29000	22000	27000	29000	27500	23700
	Total Organic Carbon	mg/L	140	29	80	5	5	11	1	5	2	8
	pH	pH	6.37	6.45	6.91	6.5	6.5	6.5	6.4	6.5	6.6	6.5
	Redox	mV	-6.5	-9.4	-161.6	-13.7	-36.2	255.0	-2.3	-36.2	20.5	44.8
	Standing Water Level	mAHD	39.297	39.777	39.707	39.8	39.7	40.2	40.3	39.7	39.7	40.2
	Temperature	°C	19.5	18.5	15.8	19.2	19.3	18.8	18.4	19.3	18.8	17.4

BH12A - EPL Monitoring Point 13												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	1.12	0.76	0.99	0.95						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	698	689	708	678						
	Calcium	mg/L	345	350	380	376						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	13200	12500	12700	13100						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	1450	1500	1610	1540						
	Nitrate & Nitrite (as N)	mg/L	0.11	0.13	0.01	0.03						
	Nitrate (as N)	mg/L	0.11	0.13	0.01	0.02						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.14	0.11	0.43	0.06						
	Potassium	mg/L	15	15	15	18						
	Sodium	mg/L	5860	6220	6470	6390						
	Sulphate (as SO4)	mg/L	831	1110	1230	1220						
	Total Alkalinity (as CaCO3)	mg/L	698	689	708	678						
	Total Dissolved Solids	mg/L	25300	27600	27600	34200						
	Total Organic Carbon	mg/L	10	2	1	2						
	pH	pH	6.6	6.6	7.5	6.4						
	Redox	mV	12.4	19.1	-121.4	25.5						
	Standing Water Level	mAHD	40.2	40.2	40.2	39.5						
	Temperature	°C	18.1	18.3	19.0	17.9						

BH12A - EPL Monitoring Point 13					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	2.68	0.01
	Arsenic	mg/L	0.001	0.044	0.001
	Barium	mg/L	0.04	0.101	0.048
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0003	0.0001	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.004	0.001
	Cobalt	mg/L	0.015	0.018	0.017
	Copper	mg/L	0.043	0.023	0.005
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.05	0.3	0.3
	Lead	mg/L	0.001	0.009	0.001
	Manganese	mg/L	1.4	1.27	1.41
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.027	0.025	0.024
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.001	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.002	0.01	0.01
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	<0.1	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.067	0.058	0.052

BH12B - EPL Monitoring Point 14												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.05	0.04	0.01	0.02	0.03	0.05	0.01	0.03	0.07	0.24
	Bicarbonate Alkalinity (as CaCO3)	mg/L	380	630	540	630	770	890	739	770	840	755
	Calcium	mg/L	120	150	140	210	190	160	179	190	262	275
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	470	300	100	75	89	640	156	89	101	153
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	45	42	38	47	48	96	50	48	62	70
	Nitrate & Nitrite (as N)	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.05	0.01	0.01
	Nitrate (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Nitrite (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Phosphate total (as P)	mg/L	0.08	0.05	0.02	0.03	0.02	0.12	0.08	0.02	0.05	0.1
	Potassium	mg/L	5	2.6	5	12.5	2.5	5	2	2.5	2	2
	Sodium	mg/L	300	210	97	150	150	420	146	150	115	136
	Sulphate (as SO4)	mg/L	340	150	130	100	160	130	162	160	141	399
	Total Alkalinity (as CaCO3)	mg/L	380	630	540	630	770	890	739	770	840	755
	Total Dissolved Solids	mg/L	1700	7900	790	960	1100	1700	1220	1100	1170	1550
	Total Organic Carbon	mg/L	370	32	47	5	10	18	12	10	18	22
	pH	pH	6.64	6.6	6.91	6.9	6.7	6.4	5.9	6.7	6.7	6.9
	Redox	mV	-518	-125.8	-161.6	-97.8	-3.3	-81.3	7.8	-3.3	-42.3	-106.8
	Standing Water Level	mAHD	45.0	47.9	48.4	48.6	46.8	48.5	49.1	46.8	48.6	48.5
	Temperature	°C	19.4	16.6	15.8	18.1	19.1	18.1	18.8	19.1	18.6	16.1

BH12B - EPL Monitoring Point 14

Monitoring Frequency	Pollutant	Unit	Aug-22	Nov-22	Feb-23	May-23						
Quarterly	Ammonia (as N)	mg/L	0.11	0.13	0.04	0.03						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	715	762	746	368						
	Calcium	mg/L	304	249	125	113						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	144	103	109	112						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	73	64	57	52						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.1	0.01	0.04						
	Nitrate (as N)	mg/L	0.01	0.1	0.01	0.04						
	Nitrite (as N)	mg/L	0.01	0.1	0.01	0.01						
	Phosphate total (as P)	mg/L	0.01	0.09	0.03	0.02						
	Potassium	mg/L	2	2	1	1						
	Sodium	mg/L	148	140	303	294						
	Sulphate (as SO4)	mg/L	433	348	315	549						
	Total Alkalinity (as CaCO3)	mg/L	715	762	746	368						
	Total Dissolved Solids	mg/L	1550	1460	1440	1420						
	Total Organic Carbon	mg/L	44	19	14	10						
	pH	pH	7.0	6.8	9.7	6.4						
	Redox	mV	-78.8	-115.2	-155.3	-8.9						
	Standing Water Level	mAHD	48.2	48.5	45.9	45.5						
	Temperature	°C	14.1	16.9	20.1	17.2						

BH12B - EPL Monitoring Point 14					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	2.89	0.01
	Arsenic	mg/L	0.002	0.004	0.001
	Barium	mg/L	0.07	0.101	0.126
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0002	0.0001	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.004	0.001
	Cobalt	mg/L	0.004	0.016	0.009
	Copper	mg/L	0.095	0.015	0.001
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.6	0.2	0.3
	Lead	mg/L	0.001	0.008	0.001
	Manganese	mg/L	1.2	2.47	5.25
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.012	0.019	0.004
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.001	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.001	0.01	0.01
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	0.01	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.072	0.054	0.005

BH13A - EPL Monitoring Point 15												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.21	0.46	0.29	0.39	0.55	0.32	0.36	0.55	0.43	0.42
	Bicarbonate Alkalinity (as CaCO3)	mg/L	690	630	500	600	460	560	504	460	437	451
	Calcium	mg/L	270	270	250	270	310	390	221	310	235	184
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	15000	14000	14000	27000	11000	12000	10800	11000	11000	10300
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	1100	1100	970	1200	1200	1400	950	1200	1080	1160
	Nitrate & Nitrite (as N)	mg/L	1	0.05	0.18	0.03	0.16	0.05	0.03	0.16	0.01	0.01
	Nitrate (as N)	mg/L	0.72	0.03	0.13	0.09	0.1	0.02	0.03	0.1	0.01	0.01
	Nitrite (as N)	mg/L	0.32	0.03	0.06	0.21	0.06	0.02	0.01	0.06	0.01	0.01
	Phosphate total (as P)	mg/L	2	1.8	0.42	0.46	0.02	0.47	2.34	0.02	0.18	0.13
	Potassium	mg/L	16	16	10	16	17	23	10	17	10	8
	Sodium	mg/L	5300	5400	4600	6000	6100	6500	4830	6100	5220	5040
	Sulphate (as SO4)	mg/L	370	400	300	300	380	370	361	380	361	368
	Total Alkalinity (as CaCO3)	mg/L	690	630	500	600	460	560	504	460	437	451
	Total Dissolved Solids	mg/L	24000	17000	17000	17000	22000	15000	20400	22000	24100	19600
	Total Organic Carbon	mg/L	5	22	14	5	5	5.3	3	5	2	4
	pH	pH	5.98	6.3	6.55	6.4	6.3	6.3	5.6	6.3	6.4	6.4
	Redox	mV	54.4	13.9	-50.5	4.5	48.8	-17.1	121.8	48.8	-31.4	26.7
	Standing Water Level	mAHD	34.744	35.144	35.582	35.4	35.3	35.4	35.1	35.3	35.2	35.4
	Temperature	°C	19.3	18.3	18.6	19.1	19.2	19.3	18.5	19.2	18.8	17.7

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BH13A - EPL Monitoring Point 15												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	0.36	0.31	0.64	0.59						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	426	433	481	458						
	Calcium	mg/L	220	232	237	189						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	11300	10800	11400	11500						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	1020	1080	1210	1110						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.02	0.01	0.01						
	Nitrate (as N)	mg/L	0.01	0.02	0.01	0.01						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.05	0.08	0.26	0.08						
	Potassium	mg/L	10	10	11	12						
	Sodium	mg/L	5100	5320	5620	5390						
	Sulphate (as SO4)	mg/L	369	383	350	365						
	Total Alkalinity (as CaCO3)	mg/L	426	433	481	458						
	Total Dissolved Solids	mg/L	21200	25800	22900	22900						
	Total Organic Carbon	mg/L	8	2	1	1						
	pH	pH	6.4	6.4	8.5	6.3						
	Redox	mV	22.1	1.9	-16.3	24.6						
	Standing Water Level	mAHD	35.4	35.2	35.2	35.4						
	Temperature	°C	18.4	18.8	18.7	17.9						

BH13A - EPL Monitoring Point 15					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	27.8	0.01
	Arsenic	mg/L	0.001	0.094	0.001
	Barium	mg/L	0.13	0.683	0.104
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	1
	Cadmium	mg/L	0.0003	0.0005	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.059	0.001
	Cobalt	mg/L	0.02	0.124	0.033
	Copper	mg/L	0.075	0.292	0.005
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.6	0.2	0.4
	Lead	mg/L	0.002	0.167	0.001
	Manganese	mg/L	4.5	8.35	5.12
	Mercury	mg/L	0.0001	0.0003	0.0001
	Nickel	mg/L	0.021	0.142	0.014
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.001	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	2
	Selenium	mg/L	0.002	0.03	0.01
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	0.1	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.11	0.572	7

BH13B – EPL Monitoring Point 16												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.02	0.01	0.01
	Bicarbonate Alkalinity (as CaCO3)	mg/L	26	44	20	20	20	20	5	20	10	8
	Calcium	mg/L	5	4.6	5	12.5	1.8	11	2	1.8	2	1
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	1200	710	490	690	920	810	611	920	249	268
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	47	29	14	23	34	50	21	34	6	6
	Nitrate & Nitrite (as N)	mg/L	1.1	1.4	1.6	1.4	0.66	0.82	1.2	0.66	1.03	0.68
	Nitrate (as N)	mg/L	1.1	1.4	1.6	1.4	0.66	0.82	1.2	0.66	1.03	0.68
	Nitrite (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Phosphate total (as P)	mg/L	0.03	0.05	0.02	0.02	0.02	0.04	0.07	0.02	0.02	0.02
	Potassium	mg/L	5	1.4	5	12.5	0.7	5	1	0.7	1	1
	Sodium	mg/L	660	480	300	470	600	530	365	600	159	164
	Sulphate (as SO4)	mg/L	150	130	120	140	150	140	148	150	51	50
	Total Alkalinity (as CaCO3)	mg/L	26	44	20	20	20	20	5	20	10	8
	Total Dissolved Solids	mg/L	2300	1000	960	1300	1000	1700	1260	1000	561	556
	Total Organic Carbon	mg/L	21	5	5	5	5	5	3	5	4	2
	pH	pH	5.59	5.17	5.18	4.7	4.8	4.7	4.1	4.8	5.7	4.4
	Redox	mV	198.7	185.4	29.4	148.2	134.1	281.4	398.6	134.1	190.7	207.3
	Standing Water Level	mAHD	32.977	40.427	39.927	39.6	39.2	40.7	40.6	39.2	40.0	41.3
	Temperature	°C	22.1	15.9	17.5	18.2	19.1	19.3	16.4	19.1	21.7	16.3

BH13B – EPL Monitoring Point 16												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	0.01	0.01	0.01	0.02						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	6	10	2	17						
	Calcium	mg/L	1	1	2	22						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	474	389	646	2920						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	13	9	24	170						
	Nitrate & Nitrite (as N)	mg/L	0.58	0.42	0.18	0.17						
	Nitrate (as N)	mg/L	0.58	0.42	18	0.17						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.03	0.02	0.08	018						
	Potassium	mg/L	1	1	1	2						
	Sodium	mg/L	274	232	395	1400						
	Sulphate (as SO4)	mg/L	84	55	68	136						
	Total Alkalinity (as CaCO3)	mg/L	6	10	2	17						
	Total Dissolved Solids	mg/L	844	766	1430	4800						
	Total Organic Carbon	mg/L	3	2	3	2						
	pH	pH	4.4	5.3	4.3	5.0						
	Redox	mV	404.8	120.2	84.9	48.6						
	Standing Water Level	mAHD	38.4	40.4	39.3	36.7						
	Temperature	°C	15.8	18.8	20.1	17.4						

BH13B - EPL Monitoring Point 16					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.13	1.56	0.1
	Arsenic	mg/L	0.001	0.009	0.001
	Barium	mg/L	0.04	0.051	0.046
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0002	0.0001	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.003	0.001
	Cobalt	mg/L	0.009	0.013	0.007
	Copper	mg/L	0.078	0.007	0.007
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.5	0.1	0.1
	Lead	mg/L	0.004	0.004	0.001
	Manganese	mg/L	0.25	0.224	0.086
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.014	0.02	0.004
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.001	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	2
	Selenium	mg/L	0.001	0.01	0.01
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	0.12	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.12	0.077	0.014

BH14A - EPL Monitoring Point 17												
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.48	0.46	1.4	0.3	0.37	0.6	0.3	0.37	0.48	0.79
	Bicarbonate Alkalinity (as CaCO3)	mg/L	1400	1400	1100	1200	1100	1200	988	1100	573	716
	Calcium	mg/L	240	250	270	250	240	380	236	240	177	157
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	8400	6900	8700	7600	7000	6900	6960	7000	6990	7140
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	790	780	800	940	780	1100	678	780	716	645
	Nitrate & Nitrite (as N)	mg/L	0.05	0.05	0.05	0.08	0.05	0.05	0.03	0.05	0.01	0.01
	Nitrate (as N)	mg/L	0.02	0.04	0.05	0.08	0.02	0.02	0.03	0.02	0.01	0.01
	Nitrite (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Phosphate total (as P)	mg/L	0.05	0.05	0.89	0.02	0.01	0.08	0.05	0.01	0.05	0.28
	Potassium	mg/L	26	30	35	31	26	38	26	26	22	24
	Sodium	mg/L	3700	3300	3500	4400	3600	4800	3260	3600	3840	3330
	Sulphate (as SO4)	mg/L	790	680	680	600	800	680	657	800	711	754
	Total Alkalinity (as CaCO3)	mg/L	1400	1400	1100	1200	1100	1200	988	1100	573	716
	Total Dissolved Solids	mg/L	16000	7300	12000	15000	12000	14000	14100	12000	15300	13700
	Total Organic Carbon	mg/L	30	5	120	5	6	5	3	6	21	12
	pH	pH	6.37	6.42	6.61	6.6	6.6	6.6	5.9	6.6	6.4	6.4
	Redox	mV	25.8	51.8	-180.5	21.8	24.7	-6.1	108.7	24.7	-6.6	-110.0
	Standing Water Level	mAHD	40.018	39.608	40.088	40.2	40.1	40.4	40.1	40.1	40.7	41.1
	Temperature	°C	20.6	20.6	18.5	19.9	20.3	19.6	19.3	20.3	20.4	18.9

BH14A - EPL Monitoring Point 17												
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	0.31	0.33	0.36	4.21						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	809	998	1040	848						
	Calcium	mg/L	187	208	203	370						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	7640	6600	6300	7580						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	758	637	662	652						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.02	0.01	0.01						
	Nitrate (as N)	mg/L	0.01	0.02	0.01	0.01						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.2	0.06	0.02	0.35						
	Potassium	mg/L	20	22	25	54						
	Sodium	mg/L	3880	3370	3290	3790						
	Sulphate (as SO4)	mg/L	757	772	604	595						
	Total Alkalinity (as CaCO3)	mg/L	809	998	1040	848						
	Total Dissolved Solids	mg/L	14100	14100	13000	16200						
	Total Organic Carbon	mg/L	17	4	3	5						
	pH	pH	6.4	6.7	6.6	6.5						
	Redox	mV	5.9	-5.4	32.2	-176.3						
	Standing Water Level	mAHD	40.9	40.9	40.5	40.3						
	Temperature	°C	17.3	19.1	18.7	18.7						

BH14A - EPL Monitoring Point 17					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	0.26	0.01
	Arsenic	mg/L	0.001	0.001	0.001
	Barium	mg/L	0.08	0.043	0.088
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0002	0.0001	0.0001
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.001	0.001
	Cobalt	mg/L	0.003	0.002	0.169
	Copper	mg/L	0.058	0.04	0.006
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.5	0.2	0.4
	Lead	mg/L	0.001	0.001	0.001
	Manganese	mg/L	0.42	0.458	6.16
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.048	0.018	0.09
	Organochlorine pesticides	mg/L	0.01	0.002	2
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.001	1
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	2
	Selenium	mg/L	0.001	0.01	0.01
	Toluene	mg/L	0.001	0.002	2
	Total Petroleum hydrocarbons	mg/L	0.3	0.05	100
	Xylene	mg/L	0.003	0.002	2
	Zinc	mg/L	0.13	0.029	0.078

	BH14B - EPL Monitoring Point 18											
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**	**Feb/Mar-22**	**May/Jun-22**
Quarterly	Ammonia (as N)	mg/L	0.01	0.04	0.03	0.04	0.05	0.02	0.1	0.05	0.03	0.04
	Bicarbonate Alkalinity (as CaCO3)	mg/L	630	480	380	570	240	93	518	240	207	221
	Calcium	mg/L	120	110	92	130	79	86	115	79	67	54
	Carbonate Alkalinity (as CaCO3)	mg/L	10	10	10	10	10	10	1	10	1	1
	Chloride	mg/L	10000	9600	8800	11000	8800	10000	8910	8800	8220	8270
	Hydroxide Alkalinity (as CaCO3)	mg/L	20	20	20	20	20	20	1	20	1	1
	Magnesium	mg/L	760	730	4.3	850	690	940	718	690	793	725
	Nitrate & Nitrite (as N)	mg/L	0.21	0.1	0.05	0.05	0.05	0.05	0.01	0.05	0.02	0.08
	Nitrate (as N)	mg/L	0.21	0.1	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.08
	Nitrite (as N)	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
	Phosphate total (as P)	mg/L	0.05	0.05	0.02	0.02	0.04	0.05	0.18	0.04	0.05	0.06
	Potassium	mg/L	5.9	6.3	5	12.5	5.3	6.7	5	5.3	5	3
	Sodium	mg/L	5300	4600	660	5100	4600	5600	4370	4600	4590	4030
	Sulphate (as SO4)	mg/L	850	870	3800	600	740	510	700	740	617	652
	Total Alkalinity (as CaCO3)	mg/L	630	480	380	570	240	93	518	240	207	221
	Total Dissolved Solids	mg/L	16000	9500	14000	18000	17000	11000	18000	17000	17400	15500
	Total Organic Carbon	mg/L	6.2	26	58	5	5	5	4	5	6	11
	pH	pH	5.99	5.95	6.17	6.1	5.9	5.4	5.7	5.9	5.8	5.9
	Redox	mV	56	92.1	-32.6	45.3	46.7	206.8	162.3	46.7	5.1	-1.8
	Standing Water Level	mAHD	38.943	38.673	38.603	39.4	38.9	40.0	40.0	38.9	39.7	40.7
	Temperature	°C	22.2	22.7	18.6	19.7	20.5	19.9	17.5	20.5	22.4	17.4

	BH14B - EPL Monitoring Point 18											
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**						
Quarterly	Ammonia (as N)	mg/L	0.01	0.1	0.09	0.06						
	Bicarbonate Alkalinity (as CaCO3)	mg/L	456	516	380	368						
	Calcium	mg/L	111	118	92	100						
	Carbonate Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Chloride	mg/L	9210	9040	8880	9200						
	Hydroxide Alkalinity (as CaCO3)	mg/L	1	1	1	1						
	Magnesium	mg/L	747	786	759	716						
	Nitrate & Nitrite (as N)	mg/L	0.01	0.02	0.01	0.01						
	Nitrate (as N)	mg/L	0.01	0.01	0.01	0.01						
	Nitrite (as N)	mg/L	0.01	0.01	0.01	0.01						
	Phosphate total (as P)	mg/L	0.05	0.06	0.06	0.04						
	Potassium	mg/L	5	5	4	5						
	Sodium	mg/L	45440	4570	4830	4610						
	Sulphate (as SO4)	mg/L	770	784	637	671						
	Total Alkalinity (as CaCO3)	mg/L	456	516	380	368						
	Total Dissolved Solids	mg/L	16300	20900	17500	19200						
	Total Organic Carbon	mg/L	14	3	2	2						
	pH	pH	6.1	6.5	5.8	5.9						
	Redox	mV	57.2	48.0	10.6	101.7						
	Standing Water Level	mAHD	38.8	39.9	39.1	39.1						
	Temperature	°C	17.5	23.4	19.6	18.5						

BH14B - EPL Monitoring Point 18					
Monitoring Frequency	**Pollutant**	**Unit**	**Aug-20**	**Aug-21**	**Aug-22**
Yearly	Aluminium	mg/L	0.05	5.53	0.01
	Arsenic	mg/L	0.001	0.002	0.001
	Barium	mg/L	0.1	0.072	0.057
	Benzene	mg/L	0.001	0.001	1
	Benzo(a)pyrene	mg/L	0.001	0.0005	0.5
	Cadmium	mg/L	0.0005	0.0002	0.0002
	Chromium (hexavalent)	mg/L	0.005	0.01	0.01
	Chromium (total)	mg/L	0.001	0.009	0.001
	Cobalt	mg/L	0.12	0.117	0.136
	Copper	mg/L	0.071	0.067	0.004
	Ethyl benzene	mg/L	0.001	0.002	2
	Fluoride	mg/L	0.6	0.7	0.6
	Lead	mg/L	0.004	0.009	0.001
	Manganese	mg/L	570	4.75	6.5
	Mercury	mg/L	0.0001	0.0001	0.0001
	Nickel	mg/L	0.08	0.163	
	Organochlorine pesticides	mg/L	0.01	0.002	0.093
	Organophosphate pesticides	mg/L	0.02	0.002	2
	PAHs	mg/L	0.001	0.001	2
	PCBs	mg/L	0.001	0.001	1
	Phenols	mg/L	0.1	0.002	1
	Selenium	mg/L	0.002	0.01	2
	Toluene	mg/L	0.001	0.002	0.01
	Total Petroleum hydrocarbons	mg/L	0.1	0.05	2
	Xylene	mg/L	0.003	0.002	100
	Zinc	mg/L	0.15	0.801	2

Leachate sump riser - EPL monitoring point 20

Monitoring Frequency	Pollutant	Unit	Feb-20	May-20	Aug-20	Nov-20	Feb-21	May-21	Aug-21	Nov-21
Quarterly	Electroconductivity	ms/cm	1419	5554	4809	4971	4632	N/A*	N/A*	3206
	pH	pH	7.29	8.15	7.15	8.08	7.8	N/A*	N/A*	8.56
	Standing Water Level	mAHD	27.76	26.62	26.8	27.71	28.36	N/A*	N/A*	N/A*

Monitoring Frequency	Pollutant	Unit	Feb/Mar-22	May-22	Aug-22	Nov-22	Feb-23	May-23		
Quarterly	Electroconductivity	ms/cm	N/A*	N/A*	N/A*	5878	6358	6677		
	pH	pH	N/A*	N/A*	N/A*	7.05	7.08	8.48		
	Standing Water Level	mAHD	N/A*	N/A*	N/A*	27.3	26.62	25.98		

* - N/A – not accessible

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Leachate Dam Entry - EPL monitoring point 21										
Monitoring Frequency	**Pollutant**	**Unit**	**Feb-20**	**May-20**	**Aug-20**	**Nov-20**	**Feb-21**	**May-21**	**Aug-21**	**Nov-21**
Quarterly	Electroconductivity	ms/cm	1537	3014	3248	3870	3759	2938	Result to be verified	3847
	pH	pH	7.94	7.62	7.68	8.25	8.25	7.73	8.7	7.82
	Standing Water Level	mAHD	45.6	48.1	49.1	48.78	48.75	49.05	49	49.18

Monitoring Frequency	**Pollutant**	**Unit**	**Feb/Mar-22**	**May-22**	**Aug-22**	**Nov-22**	**Feb-23**	**May-23**		
Quarterly	Electroconductivity	ms/cm	2500	1954	2206	2.4	3373	3402		
	pH	pH	8.45	9.29	8.9	7.99	8.61	8.77		
	Standing Water Level	mAHD	49.27	49.18	49.1	49.05	49.01	48.90		

Leachate Annual Monitoring						
	Pollutant	**Unit**	**08/2020 Sump riser - EPL MP20**	**1/08/2020 dam entry - EPL MP21**	**08/2021 Sump riser - EPL MP20**	**08/2021 dam entry - EPL MP21**
Monitoring Frequency - Annual	Alkalinity (as CaCO3)	mg/L	1300	1200	Not Accessible	596
	Aluminium	mg/L	0.05	0.05	Not Accessible	0.17
	Arsenic	mg/L	0.007	0.01	Not Accessible	0.009
	Barium	mg/L	0.34	0.2	Not Accessible	0.131
	Benzene	mg/L	0.0001	0.001	Not Accessible	0.001
	Bicarbonate Alkalinity (as CaCO3)	mg/L	1300	1200	Not Accessible	583
	Biochemical Oxygen Demand	mg/L	110	160	Not Accessible	6
	Cadmium	mg/L	0.0003	0.0003	Not Accessible	<0.0001
	Calcium	mg/L	150	100	Not Accessible	75
	Chemical Oxygen Demand	mg/L	420	640	Not Accessible	257
	Chloride	mg/L	1000	590	Not Accessible	608
	Chromium (hexavalent)	mg/L	0.075	0.075	Not Accessible	<0.10
	Chromium (total)	mg/L	0.023	0.03	Not Accessible	0.020
	Cobalt	mg/L	0.002	0.03	Not Accessible	0.003
	Copper	mg/L	0.037	0.094	Not Accessible	0.007
	Ethyl benzene	mg/L	0.007	0.001	Not Accessible	0.002
	Fluoride	mg/L	0.8	0.6	Not Accessible	0.2
	Lead	mg/L	0.003	0.006	Not Accessible	0.001
	Magnesium	mg/L	91	72	Not Accessible	77
	Manganese	mg/L	0.51	0.18	Not Accessible	0.037
	Mercury	mg/L	0.0001	0.0001	Not Accessible	<0.0001
	Nickel	mg/L	0.022	0.025	Not Accessible	0.018
	Nitrate	mg/L	0.1	0.2	Not Accessible	37.8
	Nitrite (as N)	mg/L	0.1	0.2	Not Accessible	0.42
	Organochlorine pesticides	mg/L	0.01	0.01	Not Accessible	0.002
	Organophosphate pesticides	mg/L	0.02	0.02	Not Accessible	0.002
	Phenols	mg/L	0.1	0.01	Not Accessible	0.002
	Phosphate total (as P)	mg/L	0.29	0.5	Not Accessible	N/A
	Phosphorus (total as P)	Mg/L			Not Accessible	0.38
	Polycyclic aromatic hydrocarbons (PAH)	mg/L	0.001	0.001	Not Accessible	0.0005
	Potassium	mg/L	48	61	Not Accessible	71
	Sodium	mg/L	600	390	Not Accessible	440
	Sulphate (as SO4)	mg/L	120	95	Not Accessible	115
	Toluene	mg/L	0.007	0.004	Not Accessible	0.002
	Total Dissolved Solids	mg/L	2600	1900	Not Accessible	2010
	Total Organic Carbon	mg/L	110	250	Not Accessible	92
	Total Petroleum hydrocarbons	mg/L	4.5	6.9	Not Accessible	0.51
	Total Suspended Solids	mg/L	39	77	Not Accessible	18
	Xylene	mg/L	0.02	0.007	Not Accessible	<2
	Zinc	mg/L	0.081	0.12	Not Accessible	0.081

Leachate Annual Monitoring						
	Pollutant	**Unit**	**08/2022 Sump riser - EPL MP20**	**08/2022 dam entry - EPL MP21**		
Monitoring Frequency - Annual	Alkalinity (as CaCO3)	mg/L	Not Accessible	366		
	Aluminium	mg/L	Not Accessible	0.01		
	Arsenic	mg/L	Not Accessible	0.006		
	Barium	mg/L	Not Accessible	0.028		
	Benzene	mg/L	Not Accessible	1		
	Bicarbonate Alkalinity (as CaCO3)	mg/L	Not Accessible	312		
	Biochemical Oxygen Demand	mg/L	Not Accessible	2		
	Cadmium	mg/L	Not Accessible	0.0001		
	Calcium	mg/L	Not Accessible	17		
	Chemical Oxygen Demand	mg/L	Not Accessible	163		
	Chloride	mg/L	Not Accessible	487		
	Chromium (hexavalent)	mg/L	Not Accessible	<0.001		
	Chromium (total)	mg/L	Not Accessible	0.004		
	Cobalt	mg/L	Not Accessible	0.002		
	Copper	mg/L	Not Accessible	0.006		
	Ethyl benzene	mg/L	Not Accessible	2		
	Fluoride	mg/L	Not Accessible	0.2		
	Lead	mg/L	Not Accessible	0.001		
	Magnesium	mg/L	Not Accessible	60		
	Manganese	mg/L	Not Accessible	0.003		
	Mercury	mg/L	Not Accessible	0.0001		
	Nickel	mg/L	Not Accessible	0.012		
	Nitrate	mg/L	Not Accessible	17.2		
	Nitrite (as N)	mg/L	Not Accessible	0.04		
	Organochlorine pesticides	mg/L	Not Accessible	2		
	Organophosphate pesticides	mg/L	Not Accessible	2		
	Phenols	mg/L	Not Accessible	2		
	Phosphate total (as P)	mg/L	Not Accessible	0.06		
	Phosphorus (total as P)	Mg/L	Not Accessible	0.06		
	Polycyclic aromatic hydrocarbons (PAH)	mg/L	Not Accessible	1		
	Potassium	mg/L	Not Accessible	56		
	Sodium	mg/L	Not Accessible	354		
	Sulphate (as SO4)	mg/L	Not Accessible	70		
	Toluene	mg/L	Not Accessible	2		
	Total Dissolved Solids	mg/L	Not Accessible	1400		
	Total Organic Carbon	mg/L	Not Accessible	56		
	Total Petroleum hydrocarbons	mg/L	Not Accessible	100		
	Total Suspended Solids	mg/L	Not Accessible	5		
	Xylene	mg/L	Not Accessible	2		
	Zinc	mg/L	Not Accessible	0.018		