		Sample ID	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1
		Sample Date	10/11/2017	3/13/2018	9/18/2018	3/26/2019	10/23/2019	5/28/2020	9/15/2020	3/11/2021	5/6/2021	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
Analyte	LOR	Units														
pH (Lab)	0	No unit	6.7	6.7	6.7	7.1	6.9	7.1	6.6	6.9		6.8	6.9	6.8	6.8	6.8
Electrical Conductivity (Lab)	2	µS/cm	1700	1700	1600	1700	1300	1700	1800	1600		1600	1600	1500	1800	1700
Total Dissolved Solids	10	mg/L		900		960		920		960			950		930	
Chloride	1	mg/L		300		260		290		300			320		320	
Sulfate (SO4)	1	mg/L		31		30		37		37			37		35	
Calcium (Ca)	0.2	mg/L		61		62		60		65					63	
Magnesium (Mg)	0.1	mg/L		41		45		45		48			51		52	
Potassium (K)	0.1	mg/L	12	12	11	14	13	15	13	16		15	17	15	15	16
Sodium (Na)	0.5	mg/L		220		220		240		230			260		240	
Total Organic Carbon	0.2	mg/L	7.2	1	0.6	1.5	1	2.8	4.9	1.5		1.5	1.5	1.6	9.7	6.7
Ammonia (NH3) as N	0.01	mg/L	0.09	0.04	< 0.01	0.01	< 0.01	0.075	0.03	0.02		0.01	0.04	0.05	0.02	0.04
Nitrate (NO3) as N	0.005	mg/L	< 0.005	0.077	< 0.005	0.022	0.006	0.65	0.32	0.14		0.045	0.16	0.047	0.16	< 0.005
Nitrite (NO2) as N	0.005	mg/L	< 0.005	< 0.005	< 0.005	0.006	0.005	0.01	< 0.005	< 0.005		< 0.005	< 0.005	0.015	< 0.005	< 0.005
Total Nitrogen	0.05	mg/L	0.29	0.38	0.39	0.32	0.071	1.5	0.9	0.51		0.37	0.63	0.38	1.6	0.86
Total Kjeldahl Nitrogen	0.05	mg/L	0.28	0.3	0.39	0.3	0.06	0.83	0.58	0.37		0.32	0.47	0.32	1.4	0.86
Reactive Phosphorus as P	0.005	mg/L		< 0.005		0.027		0.072		0.029			0.006		< 0.005	
Mercury (Hg)	0.0001	mg/L		< 0.0001		< 0.0001		< 0.0001		< 0.0001			< 0.0001		< 0.0001	
Hexavalent Chromium (CrVI)	0.004	mg/L		< 0.004		< 0.004		< 0.004		< 0.004			< 0.004		< 0.004	
Manganese (Mn)	0.001	mg/L		0.002		0.037		0.02		0.012			0.069		0.19	
Arsenic (As)	0.001	mg/L		< 0.001		< 0.001		< 0.001		< 0.001			0.001		< 0.001	
Barium (Ba)	0.001	mg/L		0.14		0.13		0.13		0.14			0.16		0.13	
Cadmium (Cd)	0.0001	mg/L		< 0.0001		< 0.0001		0.0015		< 0.0001			< 0.0001		< 0.0001	
Chromium (Cr)	0.001	mg/L		< 0.001		< 0.001		0.005		< 0.001			0.002		< 0.001	
Cobalt (Co)	0.001	mg/L		< 0.001		< 0.001		< 0.001		< 0.001			< 0.001		0.002	
Copper (Cu)	0.001	mg/L		0.003		< 0.001		0.017		0.004			0.005		< 0.001	
Lead (Pb)	0.001	mg/L		< 0.001		< 0.001		< 0.001		< 0.001			0.008		< 0.001	
Zinc (Zn)	0.005	mg/L		0.021		0.021		0.28		0.049			0.05		0.19	
Aluminium (Al)	0.005	mg/L				< 0.005	< 0.005	< 0.005		< 0.005			0.68		< 0.005	
Total Phenols	0.01	mg/L		< 0.01		< 0.01		< 0.01		0.01			< 0.05		< 0.05	
Benzene	0.5	µg/L		< 0.5		< 0.5		< 0.5		< 0.5			< 0.5		< 0.5	
Toluene	0.5	µg/L		< 0.5		< 0.5		< 0.5		< 0.5			< 0.5		< 0.5	
Ethylbenzene	0.5	µg/L		< 0.5		< 0.5		< 0.5		< 0.5			< 0.5		< 0.5	
Total Xylenes	1.5	µg/L		< 1.5		< 1.5		< 1.5		< 1.5			< 1.5		< 1.5	
Total PAHs	1	µg/L		< 1		< 1		< 1			< 1		< 1		< 1	
Total Polychlorinated biphenyls	5	µg/L		< 5		< 5		< 5			< 5		< 5		< 5	
OC Pesticides	20	µg/L		< 20		< 20		< 0.1			< 0.1		< 20		< 1	
OP Pesticides	3	µg/L		< 3		< 3		< 0.5			< 0.5		< 3		< 3	
TPH C6C9	40	µg/L		< 40		< 40		< 40		< 40			< 40		< 40	
TPH C10C36	450	µg/L		< 450		< 450		< 50			< 50		< 450		< 450	
Standing Water Level	0.01	m	41.69	41.71	42.04	42.71	44.01	45.2	43.66	45.32		42.9	41.65	41.88	41.88	42.12

	Sample ID	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2
	Sample Date	10/11/2017	3/13/2018	9/18/2018	3/26/2019	10/23/2019	5/27/2020	9/15/2020	3/11/2021	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
Analyte	Units													
pH (Lab)	No unit	6.7	6.5	6.5	7	6.7	6.8	6.6	6.7	6.7	6.7	6.6	6.8	6.7
Electrical Conductivity (Lab)	µS/cm	1600	1700	1500	1700	1300	1700	1800	1700	1600	1600	1500	1700	1700
Total Dissolved Solids	mg/L		940		970		930		930		940		940	
Chloride	mg/L		270		250		280		280		290		300	
Sulfate (SO4)	mg/L		62		52		66		66		70		59	
Calcium (Ca)	mg/L		67		65		67		68				64	
Magnesium (Mg)	mg/L		38		41		43		44		46		47	
Potassium (K)	mg/L	12	12	10	12	12	12	13	14	15	14	14	13	14
Sodium (Na)	mg/L		210		220		250		230		250		230	
Total Organic Carbon	mg/L	10	4.2	0.9	1.5	1.1	0.4	4.6	1.4	5.1	0.7	1.5	9.6	6.2
Ammonia (NH3) as N	mg/L	0.32	0.89	0.04	0.06	< 0.01	0.024	0.22	0.05	0.18	< 0.01	0.04	< 0.01	0.05
Nitrate (NO3) as N	mg/L	1	1.8	0.27	0.4	0.24	0.27	1.1	0.45	0.48	0.12	0.19	0.017	< 0.005
Nitrite (NO2) as N	mg/L	0.013	0.11	< 0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	0.038	< 0.005	< 0.005	< 0.005	< 0.005
Total Nitrogen	mg/L	3.7	4.5	0.71	0.91	0.74	0.41	2.1	0.86	1.9	0.31	0.58	1	1
Total Kjeldahl Nitrogen	mg/L	2.7	2.6	0.43	0.5	0.5	0.15	1	0.4	1.4	0.19	0.39	1	1
Reactive Phosphorus as P	mg/L		0.29		< 0.005		0.011		0.033		0.021		0.021	
Mercury (Hg)	mg/L		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Hexavalent Chromium (CrVI)	mg/L		< 0.004		< 0.004		< 0.004		< 0.004		< 0.004		< 0.004	
Manganese (Mn)	mg/L		0.019		0.035		0.002		0.006		0.024		0.021	
Arsenic (As)	mg/L		< 0.001		< 0.001		< 0.001		< 0.001		< 0.001		< 0.001	
Barium (Ba)	mg/L		0.078		0.089		0.075		0.073		0.088		0.073	
Cadmium (Cd)	mg/L		< 0.0001		< 0.0001		0.0002		< 0.0001		< 0.0001		< 0.0001	
Chromium (Cr)	mg/L		< 0.001		< 0.001		< 0.001		< 0.001		0.001		< 0.001	
Cobalt (Co)	mg/L		< 0.001		< 0.001		< 0.001		< 0.001		< 0.001		< 0.001	
Copper (Cu)	mg/L		0.004		< 0.001		0.004		0.001		0.003		< 0.001	
Lead (Pb)	mg/L		< 0.001		< 0.001		< 0.001		< 0.001		0.009		< 0.001	
Zinc (Zn)	mg/L		0.035		0.012		0.019		0.02		0.036		0.2	
Aluminium (Al)	mg/L				< 0.005	< 0.005	< 0.005		< 0.005		0.38		< 0.005	
Total Phenols	mg/L		< 0.01		< 0.01		< 0.01		< 0.01		< 0.05		< 0.05	
Benzene	µg/L		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5	
Toluene	µg/L		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5	
Ethylbenzene	µg/L		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5	
Total Xylenes	µg/L		< 1.5		< 1.5		< 1.5		< 1.5		< 1.5		< 1.5	
Total PAHs	µg/L		< 1		< 1		< 1		< 1		< 1		< 1	
Total Polychlorinated biphenyls	µg/L		< 5		< 5		< 5		< 5		< 5		< 5	
OC Pesticides	µg/L		< 20		< 20		< 0.1		< 0.1		< 20		< 1	
OP Pesticides	µg/L		< 3		< 3		< 0.5		< 0.5		< 3		< 3	
TPH C6C9	µg/L		< 40		< 40		< 40		< 40		< 40		< 40	
TPH C10C36	µg/L		< 450		< 450		< 50		< 50		< 450		< 450	
Standing Water Level	m	37.06	37.01	36.99	37.04	36.82	37.04	35.7	36.42	36.23	36.1	36.9	36.9	37.08

	Sample ID	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3
	Sample Date	10/11/2017	3/13/2018	9/18/2018	3/26/2019	10/23/2019	5/28/2020	9/15/2020	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
Analyte	Units												
pH (Lab)	No unit	6.5	6.5	6.5	6.8	6.6	6.6	6.4	6.4	6.5	6.5	6.5	6.5
Electrical Conductivity (Lab)	µS/cm	820	840	750	610	490	580	640	630	650	710	670	680
Total Dissolved Solids	mg/L		440		370		340			390		410	
Chloride	mg/L		130		70		67			100		99	
Sulfate (SO4)	mg/L		24		22		24			26		25	
Calcium (Ca)	mg/L		24		16		15					19	
Magnesium (Mg)	mg/L		18		13		12			16		16	
Potassium (K)	mg/L	7	7.3	6.3	6.2	6.3	6.2	6.1	7	7.8	7.9	7.3	7.1
Sodium (Na)	mg/L		110		88		92			110		100	
Total Organic Carbon	mg/L	4.8	0.8	0.5	3.5	1.1	0.6	5.1	1.1	0.4	2.1	13	4.4
Ammonia (NH3) as N	mg/L	0.01	0.05	< 0.01	0.11	0.02	0.027	0.01	0.01	0.01	0.01	0.01	0.04
Nitrate (NO3) as N	mg/L	0.13	0.34	0.024	0.1	0.068	0.07	0.2	0.53	0.17	0.31	0.13	0.03
Nitrite (NO2) as N	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.006	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Nitrogen	mg/L	0.38	0.48	0.19	0.87	0.368	0.07	0.89	0.76	0.34	0.64	1.3	0.88
Total Kjeldahl Nitrogen	mg/L	0.25	0.14	0.16	0.76	0.3	< 0.05	0.69	0.23	0.17	0.33	1.2	0.85
Reactive Phosphorus as P	mg/L		0.035		0.025		0.018			0.014		0.006	
Mercury (Hg)	mg/L		< 0.0001		< 0.0001		< 0.0001			< 0.0001		< 0.0001	
Hexavalent Chromium (CrVI)	mg/L		< 0.004		< 0.004		< 0.004			< 0.004		< 0.004	
Manganese (Mn)	mg/L		0.002		0.01		0.002			0.03		0.035	
Arsenic (As)	mg/L		< 0.001		< 0.001		< 0.001			< 0.001		< 0.001	
Barium (Ba)	mg/L		0.13		0.12		0.13			0.15		0.093	
Cadmium (Cd)	mg/L		< 0.0001		< 0.0001		0.0003			< 0.0001		< 0.0001	
Chromium (Cr)	mg/L		< 0.001		0.001		< 0.001			0.003		< 0.001	
Cobalt (Co)	mg/L		< 0.001		< 0.001		< 0.001			0.001		< 0.001	
Copper (Cu)	mg/L		0.002		0.002		0.015			0.004		< 0.001	
Lead (Pb)	mg/L		< 0.001		< 0.001		< 0.001			0.009		< 0.001	
Zinc (Zn)	mg/L		0.018		0.033		0.02			0.028		0.17	
Aluminium (Al)	mg/L				0.021	< 0.005	< 0.005			0.64		0.09	
Total Phenols	mg/L		< 0.01		< 0.01		< 0.01			< 0.05		< 0.05	
Benzene	µg/L		< 0.5		< 0.5		< 0.5			< 0.5		< 0.5	
Toluene	µg/L		< 0.5		< 0.5		< 0.5			< 0.5		< 0.5	
Ethylbenzene	µg/L		< 0.5		< 0.5		< 0.5			< 0.5		< 0.5	
Total Xylenes	µg/L		< 1.5		< 1.5		< 1.5			< 1.5		< 1.5	
Total PAHs	µg/L		< 1		< 1		< 1			< 1		< 1	
Total Polychlorinated biphenyls	µg/L		< 5		< 5		< 5			< 5		< 5	
OC Pesticides	µg/L		< 20		< 20		< 0.1			< 20		< 1	
OP Pesticides	µg/L		< 3		< 3		< 0.5			< 3		< 3	
TPH C6C9	µg/L		< 40		< 40		< 40			< 40		< 40	
TPH C10C36	µg/L		< 450		< 450		< 50			< 450		< 450	
Standing Water Level	m	44.2	44.17	44.11	44.2	44.25	44.41	44.92	44.47	44.15	44.17	44.17	44.59

	Sample ID	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4
	Sample Date	10/11/2017	3/13/2018	9/18/2018	3/26/2019	10/23/2019	5/28/2020	9/15/2020	5/6/2021	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
Analyte	Units													
pH (Lab)	No unit		6.4	6.5	6.8	6.7	7	6.4	7	6.6	7.5	6.5	6.6	6.6
Electrical Conductivity (Lab)	µS/cm		920	880	800	840	950	960	860	680	10000	660	870	1000
Total Dissolved Solids	mg/L		410		510		540		510		6200		520	
Chloride	mg/L		110		76		120		100		2400		120	
Sulfate (SO4)	mg/L		24		45		29		29		18		23	
Calcium (Ca)	mg/L		50		34		56		60				54	
Magnesium (Mg)	mg/L		27		35		29		29		190		28	
Potassium (K)	mg/L		13	9.8	17	11	13	11	13	12	390	13	12	13
Sodium (Na)	mg/L		85		54		99		75		1300		89	
Total Organic Carbon	mg/L		6.2	1.7	9.6	0.2	2	3.7	8.3	2.7	430	12	6.8	8
Ammonia (NH3) as N	mg/L		0.1	0.05	0.03	< 0.01	0.064	0.03	0.06	0.01	450	0.31	0.15	0.03
Nitrate (NO3) as N	mg/L		0.73	0.074	2.4	0.006	0.33	0.086	2.2	0.29		0.11	0.6	0.054
Nitrite (NO2) as N	mg/L		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Nitrogen	mg/L		1.7	0.45	3.4	0.056	0.91	0.71	3.7	1	490	2.5	2.8	2.3
Total Kjeldahl Nitrogen	mg/L		0.92	0.38	1	0.05	0.58	0.62	1.5	0.72	490	2.4	2.2	2.3
Reactive Phosphorus as P	mg/L		< 0.005		< 0.005		< 0.005		< 0.005		2.2		< 0.005	
Mercury (Hg)	mg/L		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Hexavalent Chromium (CrVI)	mg/L		< 0.004		< 0.004		< 0.004		< 0.004		< 0.004		< 0.004	
Manganese (Mn)	mg/L		0.013		0.043		0.093		0.093		1.1		0.28	
Arsenic (As)	mg/L		< 0.001		< 0.001		0.001		< 0.001		0.22		< 0.001	
Barium (Ba)	mg/L		0.16		0.19		0.18		0.15		0.55		0.16	
Cadmium (Cd)	mg/L		< 0.0001		< 0.0001		0.0002		< 0.0001		0.0001		< 0.0001	
Chromium (Cr)	mg/L		< 0.001		< 0.001		< 0.001		0.004		0.05		< 0.001	
Cobalt (Co)	mg/L		< 0.001		< 0.001		< 0.001		< 0.001		0.027		0.005	
Copper (Cu)	mg/L		0.007		0.004		0.002		0.001		0.003		< 0.001	
Lead (Pb)	mg/L		< 0.001		< 0.001		< 0.001		< 0.001		< 0.001		< 0.001	
Zinc (Zn)	mg/L		0.066		0.027		0.051		0.14		0.021		0.17	
Aluminium (Al)	mg/L				0.006	< 0.005	< 0.005		< 0.005		0.16		< 0.005	
Total Phenols	mg/L		< 0.01		< 0.01		< 0.01		0.03		< 0.05		< 0.05	
Benzene	µg/L		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5	
Toluene	µg/L		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5	
Ethylbenzene	µg/L		< 0.5		< 0.5		< 0.5		< 0.5		3.4		< 0.5	
Total Xylenes	µg/L		< 1.5		< 1.5		< 1.5		< 1.5		8.3		< 1.5	
Total PAHs	µg/L		< 1		< 1		< 1		< 1				< 1	
Total Polychlorinated biphenyls	µg/L		< 5		< 5		< 5		< 5		< 5		< 5	
OC Pesticides	µg/L		< 20		< 20		< 0.1		< 0.1		< 20		< 1	
OP Pesticides	µg/L		< 3		< 3		< 0.5		< 0.5		< 3		< 3	
TPH C6C9	µg/L		< 40		< 40		< 40		< 40		40		< 40	
TPH C10C36	µg/L		< 450		< 450		< 50		< 50		7780		< 450	
Standing Water Level	m	49.47	51.58	50.44	50.5	50.55	53.8	50.73	50.41	51.42	50.48	49.9	49.9	50.6

	Sample ID	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0
	Sample Date	10/11/2017	3/13/2018	9/18/2018	3/26/2019	10/23/2019	5/27/2020	9/15/2020	3/11/2021	5/6/2021	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
Analyte	Units														*Bore Dry*
pH (Lab)	No unit	6.8	6.7	6.9	7.1	6.6	7.3	6.7	7.1		7.2	6.9	6.9	7.1	
Electrical Conductivity (Lab)	µS/cm	1000	1000	990	1000	960	1100	1100	920		940	900	830	930	
Total Dissolved Solids	mg/L		540		590		590		550			540		510	
Chloride	mg/L		140		120		140		140			160		140	
Sulfate (SO4)	mg/L		19		18		20		21			23		21	
Calcium (Ca)	mg/L		48		49		53		43					35	
Magnesium (Mg)	mg/L		26		28		29		26			28		29	
Potassium (K)	mg/L	9.6	9.6	9.3	11	10	11	9.8	12		11	12	11	11	
Sodium (Na)	mg/L		110		120		140		130			140		130	
Total Organic Carbon	mg/L	6.1	1.1	2	0.7	0.9	0.5	0.8	1		1.1	0.9	0.8	0.6	
Ammonia (NH3) as N	mg/L	0.13	0.02	0.01	0.71	< 0.01	0.03	0.02	< 0.01		0.03	< 0.01	0.01	< 0.01	
Nitrate (NO3) as N	mg/L	0.066	0.11	0.024	0.12	0.045	0.08	0.19	0.78		0.74	1	0.42	0.38	
Nitrite (NO2) as N	mg/L	< 0.005	< 0.005	< 0.005	0.026	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	
Total Nitrogen	mg/L	0.81	0.21	1.2	1.2	0.125	0.2	0.57	0.91		0.89	1.1	0.56	0.47	
Total Kjeldahl Nitrogen	mg/L	0.74	0.1	1.1	1	0.08	0.12	0.39	0.12		0.15	0.1	0.14	0.09	
Reactive Phosphorus as P	mg/L		0.008		0.006		0.006		0.011			0.008		0.01	
Mercury (Hg)	mg/L		< 0.0001		< 0.0001		< 0.0001		< 0.0001			< 0.0001		< 0.0001	
Hexavalent Chromium (CrVI)	mg/L		< 0.004		< 0.004		< 0.004		< 0.004			< 0.004		< 0.004	
Manganese (Mn)	mg/L		0.037		0.05		0.049		0.003			0.003		0.001	
Arsenic (As)	mg/L		< 0.001		< 0.001		< 0.001		< 0.001			< 0.001		< 0.001	
Barium (Ba)	mg/L		0.21		0.19		0.21		0.14			0.19		0.11	
Cadmium (Cd)	mg/L		< 0.0001		< 0.0001		< 0.0001		< 0.0001			< 0.0001		< 0.0001	
Chromium (Cr)	mg/L		< 0.001		< 0.001		< 0.001		< 0.001			< 0.001		< 0.001	
Cobalt (Co)	mg/L		< 0.001		< 0.001		< 0.001		< 0.001			< 0.001		< 0.001	
Copper (Cu)	mg/L		0.027		0.022		0.027		0.019			0.044		0.04	
Lead (Pb)	mg/L		< 0.001		< 0.001		< 0.001		< 0.001			0.007		< 0.001	
Zinc (Zn)	mg/L		0.03		0.041		0.056		0.043			0.075		0.4	
Aluminium (Al)	mg/L				< 0.005	< 0.005	< 0.005		< 0.005			0.012		< 0.005	
Total Phenols	mg/L		0.02		< 0.01		< 0.01		0.01			< 0.05		< 0.05	
Benzene	µg/L		< 0.5		< 0.5		< 0.5		< 0.5			< 0.5		< 0.5	
Toluene	µg/L		< 0.5		< 0.5		< 0.5		< 0.5			< 0.5		< 0.5	
Ethylbenzene	µg/L		< 0.5		< 0.5		< 0.5		< 0.5			< 0.5		< 0.5	
Total Xylenes	µg/L		< 1.5		< 1.5		< 1.5		< 1.5			< 1.5		< 1.5	
Total PAHs	µg/L		< 1		< 1		< 1			< 1		< 1		< 1	
Total Polychlorinated biphenyls	µg/L		< 5		< 5		< 5			< 5		< 5		< 5	
OC Pesticides	µg/L		< 20		< 20		< 0.1			< 0.1		< 20		< 1	
OP Pesticides	µg/L		< 3		< 3		< 0.5			< 0.5		< 3		< 3	
TPH C6C9	µg/L		< 40		< 40		< 40		< 40			< 40		< 40	
TPH C10C36	µg/L		< 450		< 450		< 50			< 50		< 450		< 450	

	Sample ID	L1	L1	L1	L1	L1	L1	L1	L1	L1	L1	L1	L1
	Sample Date	10/11/2017	3/13/2018	9/18/2018	3/26/2019	5/28/2020	9/15/2020	3/11/2021	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
Analyte	Units												
pH (Lab)	No unit	7.6	7.3	7.3	7.3	7.8	7.7	7.2	7.7	7.5	7.2	7.8	8
Electrical Conductivity (Lab)	µS/cm	4200	4200	3800	5000	4300	4000	3300	3200	1700	1900	2800	2800
Total Dissolved Solids	mg/L									1000			
Total Suspended Solids	mg/L	810	20	47	120	31	< 5	32	15		12	< 5	16
Chloride	mg/L	740	770	930	970	670	680	690	430	250	240	350	360
Fluoride	mg/L	0.15	0.2	0.2	< 0.5	0.14	0.16	0.17	0.17	< 0.1	< 0.1	0.16	0.32
Sulfate (SO4)	mg/L	45	28	73	47	46	29	47	4.1	16	7.5	5.2	6.4
Calcium (Ca)	mg/L	81	85	110	140	82	78	80	70		60	61	56
Magnesium (Mg)	mg/L	75	79	100	110	93	85	83	67	45	38	51	46
Potassium (K)	mg/L	140	120	150	170	120	120	120	110	69	71	88	98
Sodium (Na)	mg/L	440	450	570	610	480	470	430	370	230	230	290	300
Total Organic Carbon	mg/L	140	120	120	140	96	91	84	89	45	51	74	73
Ammonia (NH3) as N	mg/L	110	85	0.08	4.9	94	56	3.4	100	32	52	110	82
Nitrate (NO3) as N	mg/L	1.1	9.3	11	< 0.025	5.1	10	19	1.1	28	20	1.1	0.3
Manganese (Mn)	mg/L	50	78	67	290	0.14	0.084	0.077	0.092	0.11		0.053	33
Total Phenols	mg/L	0.02	0.01	< 0.01	0.03	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

	Sample ID	L2	L2	L2	L2	L2	L2	L2	L2	L2	L2	L2	L2
	Sample Date	10/11/2017	3/13/2018	9/18/2018	3/26/2019	5/27/2020	9/15/2020	3/11/2021	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
Analyte	Units												
pH (Lab)	No unit	8.1	8.3	8.5	7	7.7	8.3	7.7	8	8	7.6	8	8.4
Electrical Conductivity (Lab)	µS/cm	5700	5600	10000	190	9700	12000	14000	7000	5200	4700	5700	5600
Total Dissolved Solids	mg/L									3100			
Total Suspended Solids	mg/L	230	54	170	360	230	98	< 5	21		8	22	17
Chloride	mg/L	860	910	2400	20	1500	2000	2600	1100	970	740	740	820
Fluoride	mg/L	0.14	0.19	0.25	0.1	0.1	0.12	0.15	0.12	< 0.1	< 0.1	0.14	< 0.1
Sulfate (SO4)	mg/L	620	650	1800	7	1600	2300	3400	1200	1100	780	800	870
Calcium (Ca)	mg/L	82	77	85	3.8	110	110	170	150		110	110	110
Magnesium (Mg)	mg/L	170	160	410	6.7	300	350	460	280	210	170	190	170
Potassium (K)	mg/L	380	280	800	12	650	870	960	540	420	320	340	330
Sodium (Na)	mg/L	690	650	1900	16	1200	1700	1800	1000	810	580	650	570
Total Organic Carbon	mg/L	140	120	280	40	140	170	210	130	86	85	89	86
Ammonia (NH3) as N	mg/L	0.29	0.1	0.15	0.9	12	0.26	0.14	0.12	0.31	37	25	0.1
Nitrate (NO3) as N	mg/L	64	50	57	0.25	77	96	66	150	120	58	42	35
Manganese (Mn)	mg/L	86	39	20	27	0.25	0.095	0.17	0.16	0.12		0.24	7
Total Phenols	mg/L	< 0.01	< 0.01	0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

	Sample ID	L4	L4	L4	L4	L4	L4	L4	L4
	Sample Date	5/27/2020	9/15/2020	3/11/2021	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
Analyte	Units								
pH (Lab)	No unit	8.3	8.1	7.4	8.1	6.9	7.7	8.2	8.3
Electrical Conductivity (Lab)	µS/cm	30000	16000	12000	11000	670	7900	11000	12000
Total Dissolved Solids	mg/L					400			
Total Suspended Solids	mg/L	30	74	100	14		21	180	380
Chloride	mg/L	9300	4100	2900	2400	56	2000	2500	2900
Fluoride	mg/L	0.34	0.22	0.32	0.22	< 0.1	< 0.1	0.3	0.35
Sulfate (SO4)	mg/L	36	30	5.3	22	25	18	40	43
Calcium (Ca)	mg/L	40	48	230	63		80	75	59
Magnesium (Mg)	mg/L	230	250	280	200	23	160	160	170
Potassium (K)	mg/L	400	400	350	440	12	350	380	420
Sodium (Na)	mg/L	6700	2700	1200	1400	61	2300	1400	1500
Total Organic Carbon	mg/L	260	360	450	450	9.8	260	300	320
Ammonia (NH3) as N	mg/L	360	270	37000	410	0.09	190	310	320
Nitrate (NO3) as N	mg/L	1.9	< 0.1	< 0.1	< 0.05	7.7	9.4	0.082	
Manganese (Mn)	mg/L	0.23	0.12	1.6	0.12	0.14		0.13	68
Total Phenols	mg/L	0.01	0.02	0.03	< 0.05	< 0.05	< 0.05	< 0.05	0.06

	Sample ID	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1
	Sample Date	10/11/2017	3/13/2018	9/18/2018	3/26/2019	5/28/2020	9/15/2020	3/11/2021	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
Analyte	Units												
pH (Lab)	No unit	8.3	8.1	8.4	7.8	7.5	8.2	7.7	8.2	7.6	8	8.4	8.2
Electrical Conductivity (Lab)	µS/cm	810	1200	1600	860	400	590	810	1700	1900	2400	3500	4600
Total Dissolved Solids	mg/L		720		900	870		480		1200		2100	
Total Suspended Solids	mg/L	35	160	69	520	130	16	10	< 5		18	40	34
Sulfate (SO4)	mg/L		10		33	25		34		19		25	
Magnesium (Mg)	mg/L		34		25	11		26		52		120	
Potassium (K)	mg/L	32	43	57	30	15	17	27	68	82	100	120	150
Sodium (Na)	mg/L		130		100	34		81				430	
Total Organic Carbon	mg/L	27	34	48	33	18	17	22	46	43	59	78	92
Ammonia (NH3) as N	mg/L	0.1	0.22	2.4	0.3	0.032	0.05	0.99	11	17	13	11	16
Nitrate (NO3) as N	mg/L	0.26	0.034	0.027	0.21	3.8	4.8	2.1	2.9	0.52	0.85	0.47	
Nitrite (NO2) as N	mg/L	0.012	0.006	0.063	0.036	< 0.005	0.13	0.14	1.1	0.72	1.4	0.48	0.19
Total Nitrogen	mg/L	2.4	2.7	5.5	4.2	6.7	7.3	6	19	24	21	20	23
Total Kjeldahl Nitrogen	mg/L	2.2	2.6	5.4	3.9	2.9	2.4	3.8	16	23	19	19	23
Reactive Phosphorus as P	mg/L		0.014		0.01	0.055		0.01		< 0.005		< 0.005	
Total Phenols	mg/L		< 0.01		< 0.01	< 0.01		< 0.01		< 0.05		< 0.05	

	Sample ID	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3
Analyte	Sample Date	10/11/2017	9/18/2018	3/26/2019	5/27/2020	9/15/2020	3/11/2021	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
pH (Lab)	No unit	6.8	7.7	7.2	7.4	7.9	6.9	7.2	7	7.9	7.6	8.3
Electrical Conductivity (Lab)	µS/cm	87	670	540	610	600	380	500	710	1600	1800	2000
Total Dissolved Solids	mg/L			770	1100		810		430		1000	
Total Suspended Solids	mg/L	60	110	620	37	< 5	170	26		14	6	10
Sulfate (SO4)	mg/L			20	19		13		13		6.9	
Magnesium (Mg)	mg/L			13	12		11		12		28	
Potassium (K)	mg/L	9.1	16	16	17	13	11	13	12	31	29	34
Sodium (Na)	mg/L			52	73		46				290	
Total Organic Carbon	mg/L	47	14	20	23	17	15	16	13	33	31	30
Ammonia (NH3) as N	mg/L	< 0.01	0.25	0.15	0.081	0.09	0.04	0.08	0.12	0.38	1.9	0.18
Nitrate (NO3) as N	mg/L	< 0.005	0.13	1	2	0.28	0.064	0.73	< 0.005	0.014	0.009	0.31
Nitrite (NO2) as N	mg/L	< 0.005	0.022	0.056	0.037	0.01	0.007	0.006	0.008	< 0.005	0.03	0.015
Total Nitrogen	mg/L	1.7	1.6	3.2	4	1.9	4.6	2.3	1.1	2.7	3.9	2.5
Total Kjeldahl Nitrogen	mg/L	1.7	1.5	2.1	1.9	1.6	4.5	1.5	1.1	2.7	3.9	2.2
Reactive Phosphorus as P	mg/L			0.011	0.036		0.009		< 0.005		0.007	
Total Phenols	mg/L			< 0.01	< 0.01		0.01		< 0.05		< 0.05	

	Sample ID	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4
Analyte	Sample Date	10/11/2017	3/13/2018	5/27/2020	9/15/2020	3/11/2021	11/10/2021	3/15/2022	2/14/2023	5/30/2023	10/11/2023
pH (Lab)	No unit	6.8	7.9	7.5	7.5	7.1	7	6.8	7.1	7.1	7.3
Electrical Conductivity (Lab)	µS/cm	270	660	390	260	390	230	340	370	390	400
Total Dissolved Solids	mg/L		530	420		230		200		270	
Total Suspended Solids	mg/L	87	150	120	38	8	9		< 5	38	20
Sulfate (SO4)	mg/L		8.6	26		4.4		2.9		4	
Calcium (Ca)	mg/L										
Magnesium (Mg)	mg/L		18	11		8		6.9		12	
Potassium (K)	mg/L	15	12	15	19	40	23	44	32	33	37
Sodium (Na)	mg/L		84	29		22				20	
Total Organic Carbon	mg/L	47	23	28	27	33	25	30	35	33	31
Ammonia (NH3) as N	mg/L	0.34	0.14	0.072	0.05	0.65	0.13	< 0.01	0.5	0.59	0.07
Nitrate (NO3) as N	mg/L	0.023	< 0.005	0.89	0.16	0.031	0.008	< 0.005	0.11	0.014	< 0.005
Nitrite (NO2) as N	mg/L	< 0.005	0.012	0.011	0.057	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Nitrogen	mg/L	2.4	2.4	2.7	2.6	3.9	2	3	3.2	2.9	2.5
Total Kjeldahl Nitrogen	mg/L	2.4	2.4	1.8	2.4	3.9	2	3	3.1	2.8	2.5
Reactive Phosphorus as P	mg/L		0.009	0.085		0.08		0.096		0.15	
Total Phenols	mg/L		< 0.01	< 0.01		< 0.01		< 0.05		< 0.05	