		Sample ID	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1	BH1
		Sample Date	11/10/2017	13/03/2018	18/09/2018	26/03/2019	23/10/2019	28/05/2020	15/09/2020	11/03/2021	6/05/2021	10/11/2021	15/03/2022	14/02/2023	31/05/2023	11/10/2023	21/02/2024	3/09/2024
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
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	7	7
Electrical Conductivity (La	2	µS/cm	1700	1700	1600	1700	1300	1700	1800	1600	-	1600	1600	1500	1800	1700	1800	1700
Total Dissolved Solids	10	mg/L	-	900	-	960	-	920	-	960	-	-	950	-	930	-	1000	-
Total Suspended Solids	5	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	1	mg/L	-	300	-	260	-	290	-	300	-	-	320	-	320	-	310	-
Fluoride	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate (SO4)	1	mg/L	-	31	-	30	-	37	-	37	-	-	37	-	35	-	35	-
Calcium (Ca)	0.2	mg/L	-	61	-	62	-	60	-	65	-	-	68	-	63	-	59	-
Magnesium (Mg)	0.1	mg/L	-	41	-	45	-	45	-	48	-	-	51	-	52	-	48	-
Potassium (K)	0.1	mg/L	12	12	11	14	13	15	13	16	-	15	17	15	15	16	15	15
Sodium (Na)	0.5	mg/L	-	220	-	220	-	240	-	230	-	-	260	-	240	-	220	-
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	1	1.4
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	0.04	0.09
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	0.052	0.043
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	< 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	0.79	1
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	0.74	0.98
Reactive Phosphorus as P	0.005	mg/L	-	< 0.005	-	0.027	-	0.072	-	0.029	-	-	0.006	-	< 0.005	-	< 0.005	-
Mercury (Hg)	0.0001	mg/L	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	-	< 0.0001	-	< 0.0001	-	< 0.0001	-
Hexavalent Chromium (Cr	0.004	mg/L	-	< 0.004	-	< 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	-	0.13	-
Arsenic (As)	0.001	mg/L	-	< 0.001	-	< 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	-	0.15	-
Cadmium (Cd)	0.0001	mg/L	-	< 0.0001	-	< 0.0001	-	0.0015	-	< 0.0001	-	-	< 0.0001	-	< 0.0001	-	< 0.0001	-
Chromium (Cr)	0.001	mg/L	-	< 0.001	-	< 0.001	-	0.005	-	< 0.001	-	-	0.002	-	< 0.001	-	0.006	-
Cobalt (Co)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	-	< 0.001	-	0.002	-	0.001	-
Copper (Cu)	0.001	mg/L	-	0.003	-	< 0.001	-	0.017	-	0.004	-	-	0.005	-	< 0.001	-	0.002	-
Lead (Pb)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	-	0.008	-	< 0.001	-	< 0.001	-
Zinc (Zn)	0.005	mg/L	-	0.021	-	0.021	-	0.28	-	0.049	-	-	0.05	-	0.19	-	0.076	-
Aluminium (Al)	0.005	mg/L	-	-	-	< 0.005	< 0.005	< 0.005	-	< 0.005	-	-	0.68	-	< 0.005	-	0.012	-
Total Phenols	0.01	mg/L	-	< 0.01	-	< 0.01	-	< 0.01	-	0.01	-	-	< 0.05	-	< 0.05	-	< 0.05	-
Benzene	0.5	µg/L	-	< 0.5	-	< 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	-	< 0.5	-
Ethylbenzene	0.5	µg/L	-	< 0.5	-	< 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	-	< 1.5	-
Total PAHs	1	µg/L	-	< 1	-	< 1	-	< 1	-	-	< 1	-	< 1	-	< 1	-	< 1	-
Total Polychlorinated biph	5	µg/L	-	< 5	-	< 5	-	< 5	-	-	< 5	-	< 5	-	< 5	-	< 5	-
OC Pesticides	20	µg/L	-	< 20	-	< 20	-	< 20	-	-	< 20	-	< 20	-	< 20	-	< 20	-
OP Pesticides	3	µg/L	-	< 3	-	< 3	-	< 3	-	-	< 3	-	< 3	-	< 3	-	< 3	-
TPH C6C9	40	µg/L	-	< 40	-	< 40	-	< 40	-	< 40	-	-	< 40	-	< 40	-	< 40	-
TPH C10C36	450	µg/L	-	< 450	-	< 450	-	< 450	-	-	< 450	-	< 450	-	< 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	41.5	42.12	41.87	42.26

		Sample ID	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2	BH2
		Sample Date	11/10/2017	13/03/2018	18/09/2018	26/03/2019	23/10/2019	27/05/2020	15/09/2020	11/03/2021	10/11/2021	15/03/2022	14/02/2023	30/05/2023	11/10/2023	21/02/2024	3/09/2024
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	0	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	7	6.9
Electrical Conductivity (La	2	µS/cm	1600	1700	1500	1700	1300	1700	1800	1700	1600	1600	1500	1700	1700	1700	1700
Total Dissolved Solids	10	mg/L	-	940	-	970	-	930	-	930	-	940	-	940	-	1000	-
Total Suspended Solids	5	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	1	mg/L	-	270	-	250	-	280	-	280	-	290	-	300	-	290	-
Fluoride	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate (SO4)	1	mg/L	-	62	-	52	-	66	-	66	-	70	-	59	-	64	-
Calcium (Ca)	0.2	mg/L	-	67	-	65	-	67	-	68	-	68	-	64	-	61	-
Magnesium (Mg)	0.1	mg/L	-	38	-	41	-	43	-	44	-	46	-	47	-	43	-
Potassium (K)	0.1	mg/L	12	12	10	12	12	12	13	14	15	14	14	13	14	13	13
Sodium (Na)	0.5	mg/L	-	210	-	220	-	250	-	230	-	250	-	230	-	220	-
Total Organic Carbon	0.2	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	0.7	1.7
Ammonia (NH3) as N	0.01	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	0.03	< 0.01
Nitrate (NO3) as N	0.005	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	0.042	< 0.005
Nitrite (NO2) as N	0.005	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	< 0.005	0.005
Total Nitrogen	0.05	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	0.36	0.41
Total Kjeldahl Nitrogen	0.05	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	0.32	0.4
Reactive Phosphorus as P	0.005	mg/L	-	0.29	-	< 0.005	-	0.011	-	0.033	-	0.021	-	0.021	-	0.014	-
Mercury (Hg)	0.0001	mg/L	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-
Hexavalent Chromium (Cr	0.004	mg/L	-	< 0.004	-	< 0.004	-	< 0.004	-	< 0.004	-	< 0.004	-	< 0.004	-	< 0.004	-
Manganese (Mn)	0.001	mg/L	-	0.019	-	0.035	-	0.002	-	0.006	-	0.024	-	0.021	-	0.016	-
Arsenic (As)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-
Barium (Ba)	0.001	mg/L	-	0.078	-	0.089	-	0.075	-	0.073	-	0.088	-	0.073	-	0.08	-
Cadmium (Cd)	0.0001	mg/L	-	< 0.0001	-	< 0.0001	-	0.0002	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-
Chromium (Cr)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	0.001	-	< 0.001	-	0.002	-
Cobalt (Co)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-
Copper (Cu)	0.001	mg/L	-	0.004	-	< 0.001	-	0.004	-	0.001	-	0.003	-	< 0.001	-	0.002	-
Lead (Pb)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	0.009	-	< 0.001	-	< 0.001	-
Zinc (Zn)	0.005	mg/L	-	0.035	-	0.012	-	0.019	-	0.02	-	0.036	-	0.2	-	0.054	-
Aluminium (Al)	0.005	mg/L	-	-	-	< 0.005	< 0.005	< 0.005	-	< 0.005	-	0.38	-	< 0.005	-	0.012	-
Total Phenols	0.01	mg/L	-	< 0.01	-	< 0.01	-	< 0.01	-	< 0.01	-	< 0.05	-	< 0.05	-	< 0.05	-
Benzene	0.5	µg/L	-	< 0.5	-	< 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	-	< 0.5	-
Ethylbenzene	0.5	µg/L	-	< 0.5	-	< 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	-	< 1.5	-
Total PAHs	1	µg/L	-	< 1	-	< 1	-	< 1	-	< 1	-	< 1	-	< 1	-	< 1	-
Total Polychlorinated biph	5	µg/L	-	< 5	-	< 5	-	< 5	-	< 5	-	< 5	-	< 5	-	< 5	-
OC Pesticides	20	µg/L	-	< 20	-	< 20	-	< 20	-	< 20	-	< 20	-	< 20	-	< 20	-
OP Pesticides	3	µg/L	-	< 3	-	< 3	-	< 3	-	< 3	-	< 3	-	< 3	-	< 3	-
TPH C6C9	40	µg/L	-	< 40	-	< 40	-	< 40	-	< 40	-	< 40	-	< 40	-	< 40	-
TPH C10C36	450	µg/L	-	< 450	-	< 450	-	< 450	-	< 450	-	< 450	-	< 450	-	< 450	-
Standing Water Level	0.01	m	37.06	37.01	36.99	37.04	36.82	37.04	35.7	36.42	36.23	36.1	36.9	36.94	37.08	36.89	38.1

		Sample ID	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3	BH3
		Sample Date	11/10/2017	13/03/2018	18/09/2018	26/03/2019	23/10/2019	28/05/2020	15/09/2020	10/11/2021	15/03/2022	14/02/2023	30/05/2023	11/10/2023	21/02/2024	3/09/2024
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	0	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	6.9	6.7
Electrical Conductivity (La	2	µS/cm	820	840	750	610	490	580	640	630	650	710	670	680	660	670
Total Dissolved Solids	10	mg/L	-	440	-	370	-	340	-	-	390	-	410	-	440	-
Total Suspended Solids	5	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	1	mg/L	-	130	-	70	-	67	-	-	100	-	99	-	90	-
Fluoride	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate (SO4)	1	mg/L	-	24	-	22	-	24	-	-	26	-	25	-	26	-
Calcium (Ca)	0.2	mg/L	-	24	-	16	-	15	-	-	20	-	19	-	18	-
Magnesium (Mg)	0.1	mg/L	-	18	-	13	-	12	-	-	16	-	16	-	14	-
Potassium (K)	0.1	mg/L	7	7.3	6.3	6.2	6.3	6.2	6.1	7	7.8	7.9	7.3	7.1	7.3	7.1
Sodium (Na)	0.5	mg/L	-	110	-	88	-	92	-	-	110	-	100	-	92	-
Total Organic Carbon	0.2	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	1.3	1.6
Ammonia (NH3) as N	0.01	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	0.04	< 0.01
Nitrate (NO3) as N	0.005	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	0.19	0.064
Nitrite (NO2) as N	0.005	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	< 0.005	0.006
Total Nitrogen	0.05	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	1.6	0.75
Total Kjeldahl Nitrogen	0.05	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	1.4	0.68
Reactive Phosphorus as P	0.005	mg/L	-	0.035	-	0.025	-	0.018	-	-	0.014	-	0.006	-	0.011	-
Mercury (Hg)	0.0001	mg/L	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	-	< 0.0001	-	< 0.0001	-	< 0.0001	-
Hexavalent Chromium (Cr	0.004	mg/L	-	< 0.004	-	< 0.004	-	< 0.004	-	-	< 0.004	-	< 0.004	-	< 0.004	-
Manganese (Mn)	0.001	mg/L	-	0.002	-	0.01	-	0.002	-	-	0.03	-	0.035	-	0.064	-
Arsenic (As)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	-	< 0.001	-	< 0.001	-	< 0.001	-
Barium (Ba)	0.001	mg/L	-	0.13	-	0.12	-	0.13	-	-	0.15	-	0.093	-	0.12	-
Cadmium (Cd)	0.0001	mg/L	-	< 0.0001	-	< 0.0001	-	0.0003	-	-	< 0.0001	-	< 0.0001	-	< 0.0001	-
Chromium (Cr)	0.001	mg/L	-	< 0.001	-	0.001	-	< 0.001	-	-	0.003	-	< 0.001	-	0.022	-
Cobalt (Co)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	-	0.001	-	< 0.001	-	0.003	-
Copper (Cu)	0.001	mg/L	-	0.002	-	0.002	-	0.015	-	-	0.004	-	< 0.001	-	0.002	-
Lead (Pb)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	-	0.009	-	< 0.001	-	< 0.001	-
Zinc (Zn)	0.005	mg/L	-	0.018	-	0.033	-	0.02	-	-	0.028	-	0.17	-	0.06	-
Aluminium (Al)	0.005	mg/L	-	-	-	0.021	< 0.005	< 0.005	-	-	0.64	-	0.09	-	0.014	-
Total Phenols	0.01	mg/L	-	< 0.01	-	< 0.01	-	< 0.01	-	-	< 0.05	-	< 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 biph	5	µg/L	-	< 5	-	< 5	-	< 5	-	-	< 5	-	< 5	-	< 5	-
OC Pesticides	20	µg/L	-	< 20	-	< 20	-	< 20	-	-	< 20	-	< 20	-	< 20	-
OP Pesticides	3	µg/L	-	< 3	-	< 3	-	< 3	-	-	< 3	-	< 3	-	< 3	-
TPH C6C9	40	µg/L	-	< 40	-	< 40	-	< 40	-	-	< 40	-	< 40	-	< 40	-
TPH C10C36	450	µg/L	-	< 450	-	< 450	-	< 450	-	-	< 450	-	< 450	-	< 450	-
Standing Water Level	0.01	m	44.2	44.17	44.11	44.2	44.25	44.41	44.92	44.47	44.15	44.17	44.3	44.59	44.28	44.57

		Sample ID	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4	BH4
		Sample Date	13/03/2018	18/09/2018	26/03/2019	23/10/2019	28/05/2020	15/09/2020	6/05/2021	10/11/2021	15/03/2022	14/02/2023	31/05/2023	11/10/2023	21/02/2024	3/09/2024
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	0	No unit	6.4	6.5	6.8	6.7	7	6.4	7	6.6	7.5	6.5	6.6	6.6	6.9	6.7
Electrical Conductivity (La	2	µS/cm	920	880	800	840	950	960	860	680	10000	660	870	1000	910	920
Total Dissolved Solids	10	mg/L	410	-	510	-	540	-	510	-	6200	-	520	-	530	-
Total Suspended Solids	5	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	1	mg/L	110	-	76	-	120	-	100	-	2400	-	120	-	110	-
Fluoride	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate (SO4)	1	mg/L	24	-	45	-	29	-	29	-	18	-	23	-	24	-
Calcium (Ca)	0.2	mg/L	50	-	34	-	56	-	60	-	190	-	54	-	49	-
Magnesium (Mg)	0.1	mg/L	27	-	35	-	29	-	29	-	190	-	28	-	26	-
Potassium (K)	0.1	mg/L	13	9.8	17	11	13	11	13	12	390	13	12	13	16	12
Sodium (Na)	0.5	mg/L	85	-	54	-	99	-	75	-	1300	-	89	-	78	-
Total Organic Carbon	0.2	mg/L	6.2	1.7	9.6	0.2	2	3.7	8.3	2.7	430	12	6.8	8	3.6	5.2
Ammonia (NH3) as N	0.01	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	0.09	0.02
Nitrate (NO3) as N	0.005	mg/L	0.73	0.074	2.4	0.006	0.33	0.086	2.2	0.29	< 0.1	0.11	0.6	0.054	2.3	0.19
Nitrite (NO2) as N	0.005	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	< 0.005	0.007
Total Nitrogen	0.05	mg/L	1.7	0.45	3.4	0.056	0.91	0.71	3.7	1	490	2.5	2.8	2.3	3.2	0.96
Total Kjeldahl Nitrogen	0.05	mg/L	0.92	0.38	1	0.05	0.58	0.62	1.5	0.72	490	2.4	2.2	2.3	0.91	0.77
Reactive Phosphorus as P	0.005	mg/L	< 0.005	-	< 0.005	-	< 0.005	-	< 0.005	-	2.2	-	< 0.005	-	< 0.005	-
Mercury (Hg)	0.0001	mg/L	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-
Hexavalent Chromium (Cr	0.004	mg/L	< 0.004	-	< 0.004	-	< 0.004	-	< 0.004	-	< 0.004	-	< 0.004	-	< 0.004	-
Manganese (Mn)	0.001	mg/L	0.013	-	0.043	-	0.093	-	0.093	-	1.1	-	0.28	-	0.065	-
Arsenic (As)	0.001	mg/L	< 0.001	-	< 0.001	-	0.001	-	< 0.001	-	0.22	-	< 0.001	-	< 0.001	-
Barium (Ba)	0.001	mg/L	0.16	-	0.19	-	0.18	-	0.15	-	0.55	-	0.16	-	0.16	-
Cadmium (Cd)	0.0001	mg/L	< 0.0001	-	< 0.0001	-	0.0002	-	< 0.0001	-	0.0001	-	< 0.0001	-	< 0.0001	-
Chromium (Cr)	0.001	mg/L	< 0.001	-	< 0.001	-	< 0.001	-	0.004	-	0.05	-	< 0.001	-	0.005	-
Cobalt (Co)	0.001	mg/L	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	0.027	-	0.005	-	< 0.001	-
Copper (Cu)	0.001	mg/L	0.007	-	0.004	-	0.002	-	0.001	-	0.003	-	< 0.001	-	0.003	-
Lead (Pb)	0.001	mg/L	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-
Zinc (Zn)	0.005	mg/L	0.066	-	0.027	-	0.051	-	0.14	-	0.021	-	0.17	-	0.18	-
Aluminium (Al)	0.005	mg/L	-	-	0.006	< 0.005	< 0.005	-	< 0.005	-	0.16	-	< 0.005	-	0.014	-
Total Phenols	0.01	mg/L	< 0.01	-	< 0.01	-	< 0.01	-	0.03	-	< 0.05	-	< 0.05	-	< 0.05	-
Benzene	0.5	µg/L	< 0.5	-	< 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	-	< 0.5	-
Ethylbenzene	0.5	µg/L	< 0.5	-	< 0.5	-	< 0.5	-	< 0.5	-	3.4	-	< 0.5	-	< 0.5	-
Total Xylenes	1.5	µg/L	< 1.5	-	< 1.5	-	< 1.5	-	< 1.5	-	8.3	-	< 1.5	-	< 1.5	-
Total PAHs	1	µg/L	< 1	-	< 1	-	< 1	-	< 1	-	< 1.05	-	< 1	-	< 1	-
Total Polychlorinated biph	5	µg/L	< 5	-	< 5	-	< 5	-	< 5	-	< 5	-	< 5	-	< 5	-
OC Pesticides	20	µg/L	< 20	-	< 20	-	< 20	-	< 20	-	< 20	-	< 20	-	< 20	-
OP Pesticides	3	µg/L	< 3	-	< 3	-	< 3	-	< 3	-	< 3	-	< 3	-	< 3	-
TPH C6C9	40	µg/L	< 40	-	< 40	-	< 40	-	< 40	-	< 40	-	< 40	-	< 40	-
TPH C10C36	450	µg/L	< 450	-	< 450	-	< 450	-	< 450	-	< 450	-	< 450	-	< 450	-
Standing Water Level	0.01	m	51.58	50.44	50.5	50.55	53.8	50.73	50.41	51.42	50.48	49.9	50.5	50.6	50.31	50.8

		Sample ID	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0	BG0
		Sample Date	11/10/2017	13/03/2018	18/09/2018	26/03/2019	23/10/2019	27/05/2020	15/09/2020	11/03/2021	6/05/2021	10/11/2021	15/03/2022	14/02/2023	30/05/2023
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	0	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 (La	2	µS/cm	1000	1000	990	1000	960	1100	1100	920	-	940	900	830	930
Total Dissolved Solids	10	mg/L	-	540	-	590	-	590	-	550	-	-	540	-	510
Total Suspended Solids	5	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	1	mg/L	-	140	-	120	-	140	-	140	-	-	160	-	140
Fluoride	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate (SO4)	1	mg/L	-	19	-	18	-	20	-	21	-	-	23	-	21
Calcium (Ca)	0.2	mg/L	-	48	-	49	-	53	-	43	-	-	45	-	35
Magnesium (Mg)	0.1	mg/L	-	26	-	28	-	29	-	26	-	-	28	-	29
Potassium (K)	0.1	mg/L	9.6	9.6	9.3	11	10	11	9.8	12	-	11	12	11	11
Sodium (Na)	0.5	mg/L	-	110	-	120	-	140	-	130	-	-	140	-	130
Total Organic Carbon	0.2	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	0.01	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	0.005	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	0.005	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	0.05	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	0.05	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	0.005	mg/L	-	0.008	-	0.006	-	0.006	-	0.011	-	-	0.008	-	0.01
Mercury (Hg)	0.0001	mg/L	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	-	< 0.0001	-	< 0.0001
Hexavalent Chromium (Cr	0.004	mg/L	-	< 0.004	-	< 0.004	-	< 0.004	-	< 0.004	-	-	< 0.004	-	< 0.004
Manganese (Mn)	0.001	mg/L	-	0.037	-	0.05	-	0.049	-	0.003	-	-	0.003	-	0.001
Arsenic (As)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	-	< 0.001	-	< 0.001
Barium (Ba)	0.001	mg/L	-	0.21	-	0.19	-	0.21	-	0.14	-	-	0.19	-	0.11
Cadmium (Cd)	0.0001	mg/L	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	< 0.0001	-	-	< 0.0001	-	< 0.0001
Chromium (Cr)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	-	< 0.001	-	< 0.001
Cobalt (Co)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	-	< 0.001	-	< 0.001
Copper (Cu)	0.001	mg/L	-	0.027	-	0.022	-	0.027	-	0.019	-	-	0.044	-	0.04
Lead (Pb)	0.001	mg/L	-	< 0.001	-	< 0.001	-	< 0.001	-	< 0.001	-	-	0.007	-	< 0.001
Zinc (Zn)	0.005	mg/L	-	0.03	-	0.041	-	0.056	-	0.043	-	-	0.075	-	0.4
Aluminium (Al)	0.005	mg/L	-	-	-	< 0.005	< 0.005	< 0.005	-	< 0.005	-	-	0.012	-	< 0.005
Total Phenols	0.01	mg/L	-	0.02	-	< 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 biph	5	µg/L	-	< 5	-	< 5	-	< 5	-	-	< 5	-	< 5	-	< 5
OC Pesticides	20	µg/L	-	< 20	-	< 20	-	< 20	-	-	< 20	-	< 20	-	< 20
OP Pesticides	3	µg/L	-	< 3	-	< 3	-	< 3	-	-	< 3	-	< 3	-	< 3
TPH C6C9	40	µg/L	-	< 40	-	< 40	-	< 40	-	< 40	-	-	< 40	-	< 40
TPH C10C36	450	µg/L	-	< 450	-	< 450	-	< 450	-	-	< 450	-	< 450	-	< 450
Standing Water Level	0.01	m	-	-	-	-	-	-	-	-	-	-	-	-	-

		Sample ID	L1	L1	L1	L1	L1	L1	L1	L1	L1	L1	L1	L1	L1	L1
		Sample Date	11/10/2017	13/03/2018	18/09/2018	26/03/2019	28/05/2020	15/09/2020	11/03/2021	10/11/2021	15/03/2022	14/02/2023	30/05/2023	11/10/2023	21/02/2024	3/09/2024
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	0	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	7.4	8
Electrical Conductivity (La	2	µS/cm	4200	4200	3800	5000	4300	4000	3300	3200	1700	1900	2800	2800	2700	2200
Total Dissolved Solids	10	mg/L	-	-	-	-	-	-	-	-	1000	-	-	-	-	-
Total Suspended Solids	5	mg/L	810	20	47	120	31	< 5	32	15	< 25	12	< 5	16	47	12
Chloride	1	mg/L	740	770	930	970	670	680	690	430	250	240	350	360	310	300
Fluoride	0.1	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	0.23	0.17
Sulfate (SO4)	1	mg/L	45	28	73	47	46	29	47	4.1	16	7.5	5.2	6.4	17	19
Calcium (Ca)	0.2	mg/L	81	85	110	140	82	78	80	70	61	60	61	56	59	71
Magnesium (Mg)	0.1	mg/L	75	79	100	110	93	85	83	67	45	38	51	46	47	49
Potassium (K)	0.1	mg/L	140	120	150	170	120	120	120	110	69	71	88	98	85	86
Sodium (Na)	0.5	mg/L	440	450	570	610	480	470	430	370	230	230	290	300	250	260
Total Organic Carbon	0.2	mg/L	140	120	120	140	96	91	84	89	45	51	74	73	210	61
Ammonia (NH3) as N	0.01	mg/L	110	85	0.08	4.9	94	56	3.4	100	32	52	110	82	71	27
Nitrate (NO3) as N	0.005	mg/L	1.1	9.3	11	< 0.025	5.1	10	19	1.1	28	20	1.1	0.3	2.9	5.7
Nitrite (NO2) as N	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Nitrogen	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Kjeldahl Nitrogen	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive Phosphorus as P	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (Hg)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexavalent Chromium (Cr	0.004	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (Mn)	0.001	mg/L	0.05	0.078	0.067	0.29	0.14	0.084	0.077	0.092	0.11	0.076	0.053	0.033	0.099	0.036
Arsenic (As)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium (Ba)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (Cd)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Cr)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (Co)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper (Cu)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead (Pb)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc (Zn)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Phenols	0.01	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	< 0.05	< 0.05
Benzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Xylenes	1.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PAHs	1	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Polychlorinated biph	5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OC Pesticides	20	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OP Pesticides	3	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH C6C9	40	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH C10C36	450	µg/L	-	-	-	-	-	-	-	-	< 450	-	-	-	-	-
Standing Water Level	0.01	m	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		Sample ID	L2	L2	L2	L2	L2	L2	L2	L2	L2	L2	L2	L2	L2	L2
		Sample Date	11/10/2017	13/03/2018	18/09/2018	26/03/2019	27/05/2020	15/09/2020	11/03/2021	10/11/2021	15/03/2022	14/02/2023	30/05/2023	11/10/2023	21/02/2024	3/09/2024
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	0	No unit	8.1	8.3	8.5	7	7.7	8.3	7.7	8	8	7.6	8	8.4	8.5	8.6
Electrical Conductivity (La	2	µS/cm	5700	5600	10000	190	9700	12000	14000	7000	5200	4700	5700	5600	5000	4700
Total Dissolved Solids	10	mg/L	-	-	-	-	-	-	-	-	3100	-	-	-	-	-
Total Suspended Solids	5	mg/L	230	54	170	360	230	98	< 5	21	< 25	8	22	17	25	32
Chloride	1	mg/L	860	910	2400	20	1500	2000	2600	1100	970	740	740	820	680	740
Fluoride	0.1	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	0.3	0.15
Sulfate (SO4)	1	mg/L	620	650	1800	7	1600	2300	3400	1200	1100	780	800	870	730	790
Calcium (Ca)	0.2	mg/L	82	77	85	3.8	110	110	170	150	120	110	110	110	92	89
Magnesium (Mg)	0.1	mg/L	170	160	410	6.7	300	350	460	280	210	170	190	170	160	150
Potassium (K)	0.1	mg/L	380	280	800	12	650	870	960	540	420	320	340	330	350	300
Sodium (Na)	0.5	mg/L	690	650	1900	16	1200	1700	1800	1000	810	580	650	570	1100	550
Total Organic Carbon	0.2	mg/L	140	120	280	40	140	170	210	130	86	85	89	86	70	80
Ammonia (NH3) as N	0.01	mg/L	0.29	0.1	0.15	0.9	12	0.26	0.14	0.12	0.31	37	25	0.1	0.07	0.15
Nitrate (NO3) as N	0.005	mg/L	64	50	57	0.25	77	96	66	150	120	58	42	35	24	14
Nitrite (NO2) as N	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Nitrogen	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Kjeldahl Nitrogen	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive Phosphorus as P	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury (Hg)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexavalent Chromium (Cr	0.004	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (Mn)	0.001	mg/L	0.086	0.039	0.02	0.027	0.25	0.095	0.17	0.16	0.12	0.26	0.24	0.007	0.052	0.003
Arsenic (As)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium (Ba)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (Cd)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Cr)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (Co)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper (Cu)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead (Pb)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc (Zn)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Phenols	0.01	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	< 0.05	< 0.05
Benzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Xylenes	1.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PAHs	1	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Polychlorinated biph	5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OC Pesticides	20	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OP Pesticides	3	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH C6C9	40	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH C10C36	450	µg/L	-	-	-	-	-	-	-	-	< 450	-	-	-	-	-
Standing Water Level	0.01	m	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		Sample ID	L4	L4	L4	L4	L4	L4	L4	L4	L4	L4
		Sample Date	27/05/2020	15/09/2020	11/03/2021	10/11/2021	15/03/2022	14/02/2023	30/05/2023	11/10/2023	21/02/2024	3/09/2024
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	0	No unit	8.3	8.1	7.4	8.1	6.9	7.7	8.2	8.3	7.8	7.9
Electrical Conductivity (La	2	µS/cm	30000	16000	12000	11000	670	7900	11000	12000	10000	5300
Total Dissolved Solids	10	mg/L	-	-	-	-	400	-	-	-	-	-
Total Suspended Solids	5	mg/L	30	74	100	14	120	21	180	380	160	10
Chloride	1	mg/L	9300	4100	2900	2400	56	2000	2500	2900	2000	1200
Fluoride	0.1	mg/L	0.34	0.22	0.32	0.22	< 0.1	< 0.1	0.3	0.35	0.19	0.2
Sulfate (SO4)	1	mg/L	36	30	5.3	22	25	18	40	43	880	150
Calcium (Ca)	0.2	mg/L	40	48	230	63	58	80	75	59	330	100
Magnesium (Mg)	0.1	mg/L	230	250	280	200	23	160	160	170	230	87
Potassium (K)	0.1	mg/L	400	400	350	440	12	350	380	420	350	170
Sodium (Na)	0.5	mg/L	6700	2700	1200	1400	61	2300	1400	1500	1200	600
Total Organic Carbon	0.2	mg/L	260	360	450	450	9.8	260	300	320	200	120
Ammonia (NH3) as N	0.01	mg/L	360	270	37000	410	0.09	190	310	320	130	90
Nitrate (NO3) as N	0.005	mg/L	1.9	< 0.1	< 0.1	< 0.05	7.7	9.4	0.082	< 0.1	230	72
Nitrite (NO2) as N	0.005	mg/L	-	-	-	-	-	-	-	-	-	-
Total Nitrogen	0.05	mg/L	-	-	-	-	-	-	-	-	-	-
Total Kjeldahl Nitrogen	0.05	mg/L	-	-	-	-	-	-	-	-	-	-
Reactive Phosphorus as P	0.005	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury (Hg)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-
Hexavalent Chromium (Cr	0.004	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese (Mn)	0.001	mg/L	0.23	0.12	1.6	0.12	0.14	0.16	0.13	0.068	10	1.3
Arsenic (As)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-
Barium (Ba)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium (Cd)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium (Cr)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt (Co)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-
Copper (Cu)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-
Lead (Pb)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc (Zn)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-
Total Phenols	0.01	mg/L	0.01	0.02	0.03	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05	< 0.05
Benzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-
Toluene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-
Total Xylenes	1.5	µg/L	-	-	-	-	-	-	-	-	-	-
Total PAHs	1	µg/L	-	-	-	-	-	-	-	-	-	-
Total Polychlorinated biph	5	µg/L	-	-	-	-	-	-	-	-	-	-
OC Pesticides	20	µg/L	-	-	-	-	-	-	-	-	-	-
OP Pesticides	3	µg/L	-	-	-	-	-	-	-	-	-	-
TPH C6C9	40	µg/L	-	-	-	-	-	-	-	-	-	-
TPH C10C36	450	µg/L	-	-	-	-	< 450	-	-	-	-	-
Standing Water Level	0.01	m	-	-	-	-	-	-	-	-	-	-

		Sample ID	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1	SW1
		Sample Date	11/10/2017	13/03/2018	18/09/2018	26/03/2019	28/05/2020	15/09/2020	11/03/2021	10/11/2021	15/03/2022	14/02/2023	30/05/2023	11/10/2023	21/02/2024	3/09/2024
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	0	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	7.5	7.9
Electrical Conductivity (La	2	µS/cm	810	1200	1600	860	400	590	810	1700	1900	2400	3500	4600	1600	2000
Total Dissolved Solids	10	mg/L	-	720	-	900	870	-	480	-	1200	-	2100	-	980	-
Total Suspended Solids	5	mg/L	35	160	69	520	130	16	10	< 5	< 25	18	40	34	81	8
Chloride	1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoride	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate (SO4)	1	mg/L	-	10	-	33	25	-	34	-	19	-	25	-	11	-
Calcium (Ca)	0.2	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium (Mg)	0.1	mg/L	-	34	-	25	11	-	26	-	52	-	120	-	35	-
Potassium (K)	0.1	mg/L	32	43	57	30	15	17	27	68	82	100	120	150	56	64
Sodium (Na)	0.5	mg/L	-	130	-	100	34	-	81	-	230	-	430	-	180	-
Total Organic Carbon	0.2	mg/L	27	34	48	33	18	17	22	46	43	59	78	92	38	38
Ammonia (NH3) as N	0.01	mg/L	0.1	0.22	2.4	0.3	0.032	0.05	0.99	11	17	13	11	16	1.8	14
Nitrate (NO3) as N	0.005	mg/L	0.26	0.034	0.027	0.21	3.8	4.8	2.1	2.9	0.52	0.85	0.47	< 0.025	3.4	3.1
Nitrite (NO2) as N	0.005	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	0.33	0.33
Total Nitrogen	0.05	mg/L	2.4	2.7	5.5	4.2	6.7	7.3	6	19	24	21	20	23	11	22
Total Kjeldahl Nitrogen	0.05	mg/L	2.2	2.6	5.4	3.9	2.9	2.4	3.8	16	23	19	19	23	7.6	18
Reactive Phosphorus as P	0.005	mg/L	-	0.014	-	0.01	0.055	-	0.01	-	< 0.005	-	< 0.005	-	0.14	-
Mercury (Hg)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexavalent Chromium (Cr	0.004	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (Mn)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic (As)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium (Ba)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (Cd)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Cr)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (Co)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper (Cu)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead (Pb)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc (Zn)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Phenols	0.01	mg/L	-	< 0.01	-	< 0.01	< 0.01	-	< 0.01	-	< 0.05	-	< 0.05	-	< 0.05	-
Benzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Xylenes	1.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PAHs	1	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Polychlorinated biph	5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OC Pesticides	20	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OP Pesticides	3	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH C6C9	40	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH C10C36	450	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standing Water Level	0.01	m	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		Sample ID	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3	SW3
		Sample Date	11/10/2017	18/09/2018	26/03/2019	27/05/2020	15/09/2020	11/03/2021	10/11/2021	15/03/2022	14/02/2023	30/05/2023	11/10/2023	21/02/2024	3/09/2024
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	0	No unit	6.8	7.7	7.2	7.4	7.9	6.9	7.2	7	7.9	7.6	8.3	7.3	7.8
Electrical Conductivity (La	2	µS/cm	87	670	540	610	600	380	500	710	1600	1800	2000	940	690
Total Dissolved Solids	10	mg/L	-	-	770	1100	-	810	-	430	-	1000	-	800	-
Total Suspended Solids	5	mg/L	60	110	620	37	< 5	170	26	37	14	6	10	340	8
Chloride	1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoride	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate (SO4)	1	mg/L	-	-	20	19	-	13	-	13	-	6.9	-	18	-
Calcium (Ca)	0.2	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium (Mg)	0.1	mg/L	-	-	13	12	-	11	-	12	-	28	-	11	-
Potassium (K)	0.1	mg/L	9.1	16	16	17	13	11	13	12	31	29	34	20	29
Sodium (Na)	0.5	mg/L	-	-	52	73	-	46	-	110	-	290	-	120	-
Total Organic Carbon	0.2	mg/L	47	14	20	23	17	15	16	13	33	31	30	14	18
Ammonia (NH3) as N	0.01	mg/L	< 0.01	0.25	0.15	0.081	0.09	0.04	0.08	0.12	0.38	1.9	0.18	0.38	0.66
Nitrate (NO3) as N	0.005	mg/L	< 0.005	0.13	1	2	0.28	0.064	0.73	< 0.005	0.014	0.009	0.31	3.8	1.7
Nitrite (NO2) as N	0.005	mg/L	< 0.005	0.022	0.056	0.037	0.01	0.007	0.006	0.008	< 0.005	0.03	0.015	0.14	0.093
Total Nitrogen	0.05	mg/L	1.7	1.6	3.2	4	1.9	4.6	2.3	1.1	2.7	3.9	2.5	7.1	4.4
Total Kjeldahl Nitrogen	0.05	mg/L	1.7	1.5	2.1	1.9	1.6	4.5	1.5	1.1	2.7	3.9	2.2	3.2	2.6
Reactive Phosphorus as P	0.005	mg/L	-	-	0.011	0.036	-	0.009	-	< 0.005	-	0.007	-	0.027	-
Mercury (Hg)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexavalent Chromium (Cr	0.004	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (Mn)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic (As)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium (Ba)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (Cd)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Cr)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (Co)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper (Cu)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead (Pb)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc (Zn)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Phenols	0.01	mg/L	-	-	< 0.01	< 0.01	-	0.01	-	< 0.05	-	< 0.05	-	< 0.05	-
Benzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Xylenes	1.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PAHs	1	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Polychlorinated biph	5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
OC Pesticides	20	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
OP Pesticides	3	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH C6C9	40	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH C10C36	450	µg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
Standing Water Level	0.01	m	-	-	-	-	-	-	-	-	-	-	-	-	-

		Sample ID	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4	SW4
		Sample Date	11/10/2017	13/03/2018	27/05/2020	15/09/2020	11/03/2021	10/11/2021	15/03/2022	14/02/2023	30/05/2023	11/10/2023	21/02/2024	3/09/2024
Analyte	LOR	Units	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
pH (Lab)	0	No unit	6.8	7.9	7.5	7.5	7.1	7	6.8	7.1	7.1	7.3	6.9	7.3
Electrical Conductivity (La	2	µS/cm	270	660	390	260	390	230	340	370	390	400	300	270
Total Dissolved Solids	10	mg/L	-	530	420	-	230	-	200	-	270	-	280	-
Total Suspended Solids	5	mg/L	87	150	120	38	8	9	25	< 5	38	20	24	11
Chloride	1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Fluoride	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate (SO4)	1	mg/L	-	8.6	26	-	4.4	-	2.9	-	4	-	7.4	-
Calcium (Ca)	0.2	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium (Mg)	0.1	mg/L	-	18	11	-	8	-	6.9	-	12	-	5.8	-
Potassium (K)	0.1	mg/L	15	12	15	19	40	23	44	32	33	37	30	25
Sodium (Na)	0.5	mg/L	-	84	29	-	22	-	14	-	20	-	9.4	-
Total Organic Carbon	0.2	mg/L	47	23	28	27	33	25	30	35	33	31	34	26
Ammonia (NH3) as N	0.01	mg/L	0.34	0.14	0.072	0.05	0.65	0.13	< 0.01	0.5	0.59	0.07	0.34	0.1
Nitrate (NO3) as N	0.005	mg/L	0.023	< 0.005	0.89	0.16	0.031	0.008	< 0.005	0.11	0.014	< 0.005	5.1	0.15
Nitrite (NO2) as N	0.005	mg/L	< 0.005	0.012	0.011	0.057	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.098	0.023
Total Nitrogen	0.05	mg/L	2.4	2.4	2.7	2.6	3.9	2	3	3.2	2.9	2.5	10	2.7
Total Kjeldahl Nitrogen	0.05	mg/L	2.4	2.4	1.8	2.4	3.9	2	3	3.1	2.8	2.5	5	2.5
Reactive Phosphorus as P	0.005	mg/L	-	0.009	0.085	-	0.08	-	0.096	-	0.15	-	0.43	-
Mercury (Hg)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Hexavalent Chromium (Cr	0.004	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Manganese (Mn)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic (As)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Barium (Ba)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (Cd)	0.0001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Chromium (Cr)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (Co)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Copper (Cu)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Lead (Pb)	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Zinc (Zn)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Aluminium (Al)	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Total Phenols	0.01	mg/L	-	< 0.01	< 0.01	-	< 0.01	-	< 0.05	-	< 0.05	-	< 0.05	-
Benzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	0.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-
Total Xylenes	1.5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-
Total PAHs	1	µg/L	-	-	-	-	-	-	-	-	-	-	-	-
Total Polychlorinated biph	5	µg/L	-	-	-	-	-	-	-	-	-	-	-	-
OC Pesticides	20	µg/L	-	-	-	-	-	-	-	-	-	-	-	-
OP Pesticides	3	µg/L	-	-	-	-	-	-	-	-	-	-	-	-
TPH C6C9	40	µg/L	-	-	-	-	-	-	-	-	-	-	-	-
TPH C10C36	450	µg/L	-	-	-	-	-	-	-	-	-	-	-	-
Standing Water Level	0.01	m	-	-	-	-	-	-	-	-	-	-	-	-