



2019 SMALL STREAMS SURVEY MONITORING REPORT

Survey Date: July 18, 2019		Small Streams Sampling Locations							
Parameter	Unit	SEINE RIVER @ HWY 59 (S6)	SEINE RIVER @ PROVENCHER BLVD (S7)	STURGEON CREEK @ PERIMETER (S1)	STURGEON CREEK @ PORTAGE AVE (S2)	OMANDS CREEK @ PORTAGE AVE (S4)	LA SALLE RIVER @ HWY 75 (S5)	BUNNS CREEK @ BONNER AVE (S8)	TRURO CREEK @ PORTAGE AVE (S3)
Sample Number		223168	223169	223166	223167	223165	223164	223163	223170
Temperature	°C	22.3	22.1	23.2	22.2	21.1	25.1	22.3	19.8
Dissolved Oxygen	mg/L	7.1	5.0	7.4	8.0	6.3	6.4	3.8	3.9
Oxygen Saturation	%	81	58	87	91	71	78	44	43
Biochemical Oxygen Demand	mg/L	NR	NR	NR	NR	NR	NR	NR	NR
pH	units	7.49	8.13	8.32	7.95	7.54	8.26	8.21	7.91
Total Solids	mg/L	510	490	1,390	658	662	456	782	444
Total Suspended Solids	mg/L	117	55	<3	4	<3	7	5	17
Turbidity	n.t.u.	81	48	1	2	2	4	4	2
Total Organic Carbon	mg/L	23.9	22.0	9.7	8.8	13.2	16.5	14.5	12.8
Chlorophyll a	ug/L	1.3	12.0	1.3	16.9	5.8	22.4	11.8	2.7
Ammonia Nitrogen	mg/L N	0.011	0.051	<0.003	<0.003	<0.003	0.030	0.132	0.073
Nitrate Nitrogen	mg/L N	0.144	0.269	0.003	0.036	0.058	0.532	0.046	0.026
Total Nitrogen	mg/L N	1.6	2.0	0.8	0.8	1.0	2.2	1.4	1.0
Soluble Phosphorus	mg/L P	0.21	0.21	0.09	0.20	0.21	0.66	0.16	0.23
Total Phosphorus	mg/L P	0.32	0.32	0.09	0.25	0.23	0.78	0.19	0.27
Escherichia Coliform	MPN/100 mL	360	580	50	460	50	70	160	110
Fecal Coliform	MPN/100 mL	190	570	40	810	110	60	260	120

Notes: NS - No Sample NA - Not Analyzed NR - No Result

Weather conditions during monitoring:

Wind Direction: E
Wind Speed: 2 km/h
Cloud Coverage: 50%
Precipitation: 1.2 mm
Air Temperature: 28.2°C

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