



2020 SMALL STREAMS SURVEY MONITORING REPORT

Survey Date: August 6, 2020 **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		320808	320809	320806	320807	320801	320799	320794	320810
Temperature	°C	21.5	21.6	18.6	21.3	19.4	23.9	ns	ns
Dissolved Oxygen	mg/L	8.0	6.7	8.1	9.4	5.2	8.0	ns	ns
Oxygen Saturation	%	91	76	87	106	56	95	ns	ns
Biochemical Oxygen Demand	mg/L	4	5	>8	>8	>8	>8	ns	ns
pH	units	8.29	8.20	7.67	8.49	7.77	8.25	ns	ns
Total Solids	mg/L	404	438	1,360	1,180	1,270	640	ns	ns
Total Suspended Solids	mg/L	35	50	<3.0	8	4	14	ns	ns
Turbidity	n.t.u.	33	38	1	2	4	13	ns	ns
Total Organic Carbon	mg/L	18.7	20.5	7.6	12.5	15.3	15.4	ns	ns
Chlorophyll a	ug/L	2.7	8.7	2.0	4.0	3.3	32.0	ns	ns
Ammonia Nitrogen	mg/L N	0.024	0.025	0.024	0.196	0.164	0.010	ns	ns
Nitrate Nitrogen	mg/L N	0.003	0.007	<0.003	0.048	0.131	<0.003	ns	ns
Total Nitrogen	mg/L N	0.9	1.0	0.4	1.0	1.3	1.4	ns	ns
Soluble Phosphorus	mg/L P	0.13	0.15	0.09	0.20	0.34	0.94	ns	ns
Total Phosphorus	mg/L P	0.14	0.21	0.11	0.23	0.44	1.05	ns	ns
Escherichia Coliform	MPN/100 mL	170	390	60	120	1,140	20	ns	ns
Fecal Coliform	MPN/100 mL	110	310	20	110	910	30	ns	ns

Notes: ns - no sample na - not analyzed nr - no result

Weather conditions during monitoring:

Wind Direction: ns
 Wind Speed: ns km/h
 Cloud Coverage: ns%
 Precipitation: ns mm
 Air Temperature: ns°C

Compiled By: H. Demchenko
 Compliance Reporting Technician

Approved By: B. Bradford
 Analytical Services Branch Head

Date Compiled: 15-Sep-20