



2021 SMALL STREAMS SURVEY MONITORING REPORT

Survey Date: June 30, 2021		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		404155	404156	404151	404154	404147	404145	404141	404157
Temperature	°C	22.7	23.6	20.4	23.4	20.1	25.3	ns	ns
Dissolved Oxygen	mg/L	8.0	7.8	7.7	6.6	4.6	7.1	ns	ns
Oxygen Saturation	%	80	65	93	77	50	86	ns	ns
Biochemical Oxygen Demand	mg/L	>8	<4	6	<4	<4	>8	ns	ns
pH	units	8.04	7.79	7.70	8.38	7.56	8.30	ns	ns
Total Solids	mg/L	352	266	1,500	1,400	1,220	636	ns	ns
Total Suspended Solids	mg/L	59	14	8	6	9	21	ns	ns
Turbidity	n.t.u.	41	20	1	2	2	13	ns	ns
Total Organic Carbon	mg/L	21.8	18.4	8.0	14.7	15.7	13.2	ns	ns
Chlorophyll a	ug/L	6.7	4.0	4.0	2.7	4.0	17.4	ns	ns
Ammonia Nitrogen	mg/L N	0.061	<0.003	0.031	<0.003	0.038	0.026	ns	ns
Nitrate Nitrogen	mg/L N	0.063	<0.003	0.007	<0.003	0.120	<0.003	ns	ns
Total Nitrogen	mg/L N	0.9	0.7	0.2	1.2	0.8	1.0	ns	ns
Soluble Phosphorus	mg/L P	0.41	0.23	nr	0.22	0.23	0.78	ns	ns
Total Phosphorus	mg/L P	0.54	0.36	0.12	0.24	0.36	1.13	ns	ns
Escherichia Coliform	MPN/100 mL	190	280	50	40	190	10	ns	ns
Fecal Coliform	MPN/100 mL	240	400	60	110	290	40	ns	ns

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

Weather conditions during monitoring:

Wind Direction: North (N)
Wind Speed: 18 km/h
Cloud Coverage: 5%
Precipitation: <0.1 mm
Air Temperature: 26°C

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Date Compiled: 11-Aug-21