



## 2021 SMALL STREAMS SURVEY MONITORING REPORT

Survey Date: July 29, 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		411534	411535	411530	411533	411526	411524	411520	411536
Temperature	°C	20.6	21.9	19.8	21.1	18.6	22.7	ns	ns
Dissolved Oxygen	mg/L	6.3	6.0	7.6	4.6	2.2	6.4	ns	ns
Oxygen Saturation	%	70	69	84	51	24	72	ns	ns
Biochemical Oxygen Demand	mg/L	<4	<4	<4	7	<4	<4	ns	ns
pH	units	8.23	8.39	7.86	7.94	7.11	8.48	ns	ns
Total Solids	mg/L	382	448	1,580	1,570	1,230	802	ns	ns
Total Suspended Solids	mg/L	19	21	<3	<3	5	20	ns	ns
Turbidity	n.t.u.	19	19	1	1	3	19	ns	ns
Total Organic Carbon	mg/L	18.0	20.1	6.4	16.7	22.1	14.1	ns	ns
Chlorophyll a	ug/L	6.7	4.0	8.0	32.0	5.3	24.0	ns	ns
Ammonia Nitrogen	mg/L N	0.072	0.131	0.106	0.128	0.120	0.072	ns	ns
Nitrate Nitrogen	mg/L N	0.013	<0.003	0.006	0.013	0.004	0.018	ns	ns
Total Nitrogen	mg/L N	1.0	1.3	0.6	1.3	1.8	1.5	ns	ns
Soluble Phosphorus	mg/L P	nr	nr	nr	nr	nr	nr	ns	ns
Total Phosphorus	mg/L P	0.12	0.43	0.07	0.12	0.34	0.77	ns	ns
Escherichia Coliform	MPN/100 mL	40	10	20	<10	40	40	ns	ns
Fecal Coliform	MPN/100 mL	50	150	10	30	290	50	ns	ns

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

Weather conditions during monitoring:

Wind Direction: North (N)  
Wind Speed: 9 km/h  
Cloud Coverage: 0%  
Precipitation: <0.1 mm  
Air Temperature: 13°C

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