



2021 SMALL STREAMS SURVEY MONITORING REPORT

Survey Date: October 7, 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		429521	429522	429516	429517	429511	429509	429505	429523
Temperature	°C	15.7	16.1	13.7	15.4	15.1	17.1	15.0	ns
Dissolved Oxygen	mg/L	5.0	8.0	7.9	7.4	7.5	8.8	6.8	ns
Oxygen Saturation	%	45	81	76	74	75	91	68	ns
Biochemical Oxygen Demand	mg/L	<4	<4	<4	na	<4	na	<4	ns
pH	units	7.55	7.09	7.68	8.08	7.67	8.58	7.26	ns
Total Solids	mg/L	528	614	1,890	1,960	1,360	1,080	456	ns
Total Suspended Solids	mg/L	10	12	4	17	4	5	73	ns
Turbidity	n.t.u.	12	7	3	6	1	2	80	ns
Total Organic Carbon	mg/L	15.5	14.7	3.6	9.2	10.0	11.8	5.6	ns
Chlorophyll a	ug/L	<1.0	16.0	2.7	88.1	6.7	1.3	8.0	ns
Ammonia Nitrogen	mg/L N	0.020	0.032	0.155	0.044	0.064	0.077	0.237	ns
Nitrate Nitrogen	mg/L N	<0.003	0.020	0.032	0.064	0.200	0.006	0.098	ns
Total Nitrogen	mg/L N	0.7	0.8	0.3	0.9	0.7	0.8	1.0	ns
Soluble Phosphorus	mg/L P	0.11	0.31	nr	nr	0.03	0.48	0.42	ns
Total Phosphorus	mg/L P	0.21	0.39	nr	0.16	0.08	0.54	0.56	ns
Escherichia Coliform	MPN/100 mL	10	<10	<10	60	50	40	40	ns
Fecal Coliform	MPN/100 mL	<10	20	<10	100	30	20	200	ns

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

Weather conditions during monitoring:

Wind Direction: South (S)
Wind Speed: 31 km/h
Cloud Coverage: 0%
Precipitation: <0.1 mm
Air Temperature: 18°C

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