



2021 SMALL STREAMS SURVEY MONITORING REPORT

Survey Date: July 15, 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		407661	407662	407658	407660	407655	407651	407647	407663
Temperature	°C	22.4	23.1	20.2	21.4	24.2	23.9	ns	ns
Dissolved Oxygen	mg/L	7.1	6.4	8.4	6.6	3.9	7.7	ns	ns
Oxygen Saturation	%	81	74	92	75	42	92	ns	ns
Biochemical Oxygen Demand	mg/L	<4	<4	4	<4	>15	4	ns	ns
pH	units	8.08	8.06	7.73	8.36	7.51	7.73	ns	ns
Total Solids	mg/L	388	362	1,500	1,360	1,310	704	ns	ns
Total Suspended Solids	mg/L	65	3	<3	<3.0	21	21	ns	ns
Turbidity	n.t.u.	46	5	2	1	8	17	ns	ns
Total Organic Carbon	mg/L	18.8	20.0	9.1	12.4	27.0	14.2	ns	ns
Chlorophyll a	ug/L	4.0	2.7	20.0	2.7	100.0	29.4	ns	ns
Ammonia Nitrogen	mg/L N	0.063	0.057	0.023	0.062	0.034	0.030	ns	ns
Nitrate Nitrogen	mg/L N	0.014	0.003	<0.003	0.024	<0.003	<0.003	ns	ns
Total Nitrogen	mg/L N	1.1	1.0	0.7	1.0	1.8	1.5	ns	ns
Soluble Phosphorus	mg/L P	0.13	0.27	0.04	0.15	0.25	0.60	ns	ns
Total Phosphorus	mg/L P	0.25	0.33	0.13	0.22	0.63	0.85	ns	ns
Escherichia Coliform	MPN/100 mL	60	20	20	20	500	30	ns	ns
Fecal Coliform	MPN/100 mL	40	20	60	50	14,100	50	ns	ns

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

Weather conditions during monitoring:

Wind Direction: South (S)
Wind Speed: 19 km/h
Cloud Coverage: 0%
Precipitation: <0.1 mm
Air Temperature: 13°C

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