



2020 SMALL STREAMS SURVEY MONITORING REPORT

Survey Date: May 30, 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		302964	302966	302958	302962	302957	302955	302953	302967
Temperature	°C	12.1	12.7	10.5	13.0	11.4	14.9	11.2	9.3
Dissolved Oxygen	mg/L	9.8	9.1	10.1	9.2	8.5	7.2	12.3	8.7
Oxygen Saturation	%	91	86	91	87	78	71	111	76
Biochemical Oxygen Demand	mg/L	<4	<4	<4	<4	5	<4	<4	<4
pH	units	7.83	7.84	7.67	7.93	7.74	7.10	8.71	7.61
Total Solids	mg/L	394	420	1,170	1,040	846	514	1,070	712
Total Suspended Solids	mg/L	40	46	4	6	10	86	6	13
Turbidity	n.t.u.	38	44	5	5	5	218	3	6
Total Organic Carbon	mg/L	15.1	16.2	12.9	12.5	17.6	17.4	13.8	11.2
Chlorophyll a	ug/L	6.7	14.7	4.0	25.4	40.1	2.7	32.0	14.7
Ammonia Nitrogen	mg/L N	0.023	0.040	0.019	0.019	0.000	>2.000	0.020	0.030
Nitrate Nitrogen	mg/L N	0.009	0.015	0.014	0.045	0.051	2.690	<0.003	0.010
Total Nitrogen	mg/L N	0.4	0.5	0.6	0.7	1.3	7.7	0.9	0.5
Soluble Phosphorus	mg/L P	0.08	0.12	0.33	0.21	0.52	0.65	0.28	0.18
Total Phosphorus	mg/L P	0.11	0.15	0.38	0.30	0.73	0.89	0.33	0.23
Escherichia Coliform	MPN/100 mL	100	170	220	30	160	120	360	130
Fecal Coliform	MPN/100 mL	80	140	160	30	230	20	350	150

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

Weather conditions during monitoring:

Wind Direction: South West (SW)
 Wind Speed: 9 km/h
 Cloud Coverage: 0%
 Precipitation: 0 mm
 Air Temperature: 10°C

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