



**2020 SMALL STREAMS SURVEY MONITORING REPORT**

**Survey Date: June 13, 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		<b>306513</b>	<b>306514</b>	<b>306511</b>	<b>306512</b>	<b>306505</b>	<b>306504</b>	<b>306499</b>	<b>306515</b>
Temperature	°C	15.7	17.0	14.5	16.5	14.8	18.9	15.5	13.7
Dissolved Oxygen	mg/L	8.8	7.8	10.1	10.6	9.7	6.0	5.0	6.1
Oxygen Saturation	%	89	81	99	108	96	65	50	59
Biochemical Oxygen Demand	mg/L	<4	<4	4	6	4	<4	<4	4
pH	units	7.89	7.67	7.67	8.28	8.26	7.52	8.51	7.41
Total Solids	mg/L	464	442	1,320	1,220	1,000	510	1,160	712
Total Suspended Solids	mg/L	68	33	10	9	<3.0	17	6	32
Turbidity	n.t.u.	51	30	6	4	2	35	4	9
Total Organic Carbon	mg/L	17.1	16.1	12.1	11.2	13.9	11.0	12.9	11.8
Chlorophyll a	ug/L	4.7	11.3	4.7	26.0	4.0	3.3	18.7	40.1
Ammonia Nitrogen	mg/L N	0.009	0.015	0.028	0.006	0.015	0.430	0.024	0.029
Nitrate Nitrogen	mg/L N	0.055	0.112	0.005	<0.003	0.045	2.140	0.005	0.008
Total Nitrogen	mg/L N	1.0	1.0	0.8	0.8	1.0	3.2	1.6	0.7
Soluble Phosphorus	mg/L P	0.16	0.16	0.22	0.17	0.41	0.31	0.30	0.38
Total Phosphorus	mg/L P	0.19	0.18	0.18	0.23	0.47	0.32	0.29	0.40
Escherichia Coliform	MPN/100 mL	170	770	120	50	60	220	10	170
Fecal Coliform	MPN/100 mL	210	750	50	30	40	330	30	200

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

Weather conditions during monitoring:

Wind Direction: South East (SE)  
 Wind Speed: 28 km/h  
 Cloud Coverage: 5%  
 Precipitation: 0 mm  
 Air Temperature: 19°C

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