



2019 SMALL STREAMS SURVEY MONITORING REPORT

Survey Date: August 29, 2019		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		236014	236015	236012	236013	236011	236010	236009	236016
Temperature	°C	15.7	15.9	14.6	15.5	14.9	16.3	16.0	14.2
Dissolved Oxygen	mg/L	9.0	8.9	8.7	6.2	6.0	9.1	6.5	6.1
Oxygen Saturation	%	91	86	86	62	60	93	66	59
Biochemical Oxygen Demand	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	8.30	8.22	7.96	7.78	7.64	8.46	7.96	7.63
Total Solids	mg/L	454	498	1,510	672	532	680	640	350
Total Suspended Solids	mg/L	112	39	<3	<3	6	30	10	22
Turbidity	n.t.u.	79	38	1	2	5	26	10	6
Total Organic Carbon	mg/L	16.7	17.4	8.0	7.6	11.8	16.2	13.6	9.2
Chlorophyll a	ug/L	14.7	57.4	2.7	5.3	5.3	36.0	33.4	16.0
Ammonia Nitrogen	mg/L N	<0.003	<0.003	0.032	0.028	0.050	0.028	0.155	0.033
Nitrate Nitrogen	mg/L N	0.002	0.755	0.007	0.056	0.153	0.010	0.164	0.039
Total Nitrogen	mg/L N	0.3	2.1	<0.3	<0.3	0.4	0.9	1.1	<0.3
Soluble Phosphorus	mg/L P	0.06	0.24	0.05	0.05	0.13	0.43	0.04	0.08
Total Phosphorus	mg/L P	0.17	0.28	0.05	0.14	0.14	0.51	0.11	0.08
Escherichia Coliform	MPN/100 mL	710	830	20	100	180	140	500	160
Fecal Coliform	MPN/100 mL	530	1,240	30	150	190	230	370	230

Notes: NS - No Sample NA - Not Analyzed NR - No Result

Weather conditions during monitoring:

Wind Direction: NW
 Wind Speed: 41 km/h
 Cloud Coverage: 50%
 Precipitation: 0 mm
 Air Temperature: 21°C

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