



2019 SMALL STREAMS SURVEY MONITORING REPORT

Survey Date: June 20, 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		214484	214485	214482	214483	214481	214480	214479	214486
Temperature	°C	18.8	19.1	19.3	18.8	17.4	21.6	19.0	17.7
Dissolved Oxygen	mg/L	7.9	7.2	10.8	7.4	5.9	8.1	2.5	4.6
Oxygen Saturation	%	85	78	118	79	62	92	27	48
Biochemical Oxygen Demand	mg/L	6	>7	<4	>8	<4	7	13	>8
pH	units	8.15	8.17	8.01	8.19	7.81	8.08	8.17	7.67
Total Solids	mg/L	414	420	1,310	916	802	498	948	480
Total Suspended Solids	mg/L	123	102	<3	<3	3	40	54	4
Turbidity	n.t.u.	90	77	1	2	3	35	19	2
Total Organic Carbon	mg/L	18.2	18.8	9.5	10.8	15.4	17.0	17.9	13.7
Chlorophyll a	ug/L	2.7	2.7	1.3	2.0	5.3	32.0	25.4	12.0
Ammonia Nitrogen	mg/L N	0.029	0.063	0.013	0.048	0.030	0.036	0.299	0.039
Nitrate Nitrogen	mg/L N	0.054	0.073	<0.003	0.074	0.040	0.013	0.024	0.019
Total Nitrogen	mg/L N	0.6	0.6	0.3	0.5	0.5	0.9	1.2	0.5
Soluble Phosphorus	mg/L P	0.06	0.12	0.08	0.17	0.18	0.32	0.60	0.26
Total Phosphorus	mg/L P	0.11	0.12	0.11	0.18	0.22	0.39	0.61	0.43
Escherichia Coliform	MPN/100 mL	NA	NA	NA	NA	NA	NA	NA	NA
Fecal Coliform	MPN/100 mL	200	560	10	70	500	20	20	200

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

Weather conditions during monitoring:

Wind Direction: SE
Wind Speed: 3.6 km/h
Cloud Coverage: 0%
Precipitation: 0 mm
Air Temperature: 25°C

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