



2019 SMALL STREAMS SURVEY MONITORING REPORT

Survey Date: August 1, 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		227477	227478	227475	227476	227474	227473	227472	227479
Temperature	°C	21.0	20.1	21.5	20.6	19.3	24.4	19.9	NS
Dissolved Oxygen	mg/L	7.8	7.5	9.4	8.7	6.3	8.3	2.7	NS
Oxygen Saturation	%	88	84	106	97	68	99	30	NS
Biochemical Oxygen Demand	mg/L	NR	NR	NR	NR	NR	NR	NR	NS
pH	units	7.95	7.81	8.02	8.23	7.38	7.87	7.26	NS
Total Solids	mg/L	486	444	1,520	1,170	1,100	418	1,300	NS
Total Suspended Solids	mg/L	107	54	<3	5	6	44	342	NS
Turbidity	n.t.u.	83	68	1	3	5	34	105	NS
Total Organic Carbon	mg/L	28.1	24.5	11.0	24.3	13.1	15.8	22.6	NS
Chlorophyll a	ug/L	4.0	5.3	2.7	12.0	4.7	78.8	45.4	NS
Ammonia Nitrogen	mg/L N	<0.003	0.005	0.026	0.044	0.092	<0.003	1.23	NS
Nitrate Nitrogen	mg/L N	0.077	0.076	0.006	0.098	0.260	<0.003	0.093	NS
Total Nitrogen	mg/L N	1.0	1.0	0.6	0.6	0.9	1.1	2.7	NS
Soluble Phosphorus	mg/L P	0.14	0.20	0.10	0.11	0.11	0.66	0.53	NS
Total Phosphorus	mg/L P	0.20	0.21	0.09	0.10	0.14	0.87	0.94	NS
Escherichia Coliform	MPN/100 mL	80	290	30	90	150	10	610	NS
Fecal Coliform	MPN/100 mL	100	230	60	90	260	40	880	NS

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

Weather conditions during monitoring:

Wind Direction: N
Wind Speed: 4.8 km/h
Cloud Coverage: 0%
Precipitation: 0 mm
Air Temperature: 32°C

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