



Small Streams Monitoring Report  
Survey Date: July 4, 2024

Parameter	Unit	Sturgeon Creek @ Perimeter	Sturgeon Creek @ Portage Ave	Truro Creek @ Portage Ave	Omands Creek @ Portage Ave	La Salle River @ Hwy 75	Seine River @ Hwy 59	Seine River @ Provencher Blvd	Bunns Creek @ Bonner Ave
Sample Number		673170	673171	673174	673169	673168	673172	673173	673167
Temperature	°C	20.0	20.0	19.5	19.3	20.4	20.1	19.2	18.8
pH	units	7.58	7.73	7.45	7.50	7.22	7.71	7.81	7.85
Dissolved Oxygen	mg/L	5.8	6.9	5.7	3.1	5.9	6.6	6.4	5.8
Oxygen Saturation	%	63	75	62	34	65	72	69	62
Biochemical Oxygen Demand	mg/L	<3	<3	<3	<3	<3	<3	<3	3
Total Solids	mg/L	638	658	548	554	436	530	636	630
Total Suspended Solids	mg/L	12	22	5	<3	71	108	34	8
Turbidity	n.t.u.	17	23	2	2	173	85	23	9
Chlorophyll a	ug/L	2.2	2.1	2.1	1.1	2.1	2.1	10.9	37.1
Total Organic Carbon	mg/L	11.6	8.5	9.0	15.9	10.7	14.9	14.8	12.6
Total Nitrogen	mg/L N	2.2	1.3	2.5	1.2	1.9	8.2	2.7	1.4
Ammonia Nitrogen	mg/L N	0.070	0.120	0.081	0.057	0.080	0.083	0.080	0.041
Nitrate Nitrogen	mg/L N	0.834	0.798	1.340	0.079	0.678	6.040	1.300	0.180
Soluble Phosphorus	mg/L P	0.64	0.59	0.08	0.28	0.55	0.25	nr	0.19
Total Phosphorus	mg/L P	0.65	0.62	0.10	nr	0.62	0.35	0.24	0.28
Escherichia coli	MPN/100 mL	<10	80	110	10	110	10	1,020	120
Fecal Coliform	MPN/100 mL	10	60	150	<10	180	20	990	200

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

Weather conditions during monitoring:

Wind Direction: East (E)  
 Wind Speed: 4 km/h  
 Cloud Coverage: 50 %  
 Precipitation: <0.1 mm  
 Air Temperature: 24 °C

Report Date: November 05, 2024