



Small Streams Monitoring Report

Survey Date: August 1, 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		680068	680069	680072	680067	680066	680070	680071	680065
Temperature	° C	23.2	24.2	20.7	23.8	27.1	24.5	24.0	22.2
pH	units	7.82	8.13	7.63	7.56	7.92	8.14	7.99	7.77
Dissolved Oxygen	mg/L	7.0	7.8	3.5	2.6	6.7	7.3	6.1	2.1
Oxygen Saturation	%	81	92	38	30	83	87	72	24
Biochemical Oxygen Demand	mg/L	<3	3	<3	3	3	<3	<3	>25
Total Solids	mg/L	898	966	646	666	612	442	436	972
Total Suspended Solids	mg/L	7	5	<3	<3	48	56	13	123
Turbidity	n.t.u.	8	6	4	2	47	43	17	81
Chlorophyll a	ug/L	7.1	7.1	5.3	2.7	45.4	7.1	6.2	361.0
Total Organic Carbon	mg/L	20.0	19.8	13.0	17.3	19.8	22.7	21.8	27.6
Total Nitrogen	mg/L N	1.6	1.7	0.8	1.2	1.7	1.2	1.9	4.1
Ammonia Nitrogen	mg/L N	0.039	0.047	0.037	0.051	0.020	0.009	0.029	0.691
Nitrate Nitrogen	mg/L N	0.171	0.382	0.070	0.033	0.018	0.068	0.100	0.066
Soluble Phosphorus	mg/L P	0.58	0.53	0.37	0.72	0.71	0.14	0.24	0.41
Total Phosphorus	mg/L P	0.63	0.59	0.41	0.80	0.88	0.16	0.27	1.36
Escherichia coli	MPN/100 mL	140	130	50	730	10	30	1,080	200
Fecal Coliform	MPN/100 mL	170	160	110	840	<10	80	990	280

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

Weather conditions during monitoring:

Wind Direction: South-South West (SSW)

Wind Speed: 8 km/h

Cloud Coverage: 0 %

Precipitation: <0.1 mm

Air Temperature: 25 °C

Report Date: January 03, 2025