

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		662186	662187	662190	662185	662184	662188	662189	662183
Temperature	° C	13.4	14.1	11.7	13.9	15.6	13.5	13.6	13.1
pH	units	7.82	7.75	7.71	7.62	8.29	8.18	8.22	8.30
Dissolved Oxygen	mg/L	7.1	8.0	7.9	3.0	8.9	9.3	9.1	9.8
Oxygen Saturation	%	67	77	72	29	89	88	87	92
Biochemical Oxygen Demand	mg/L	3	<3	<3	18	<3	<3	<3	3
Total Solids	mg/L	874	684	526	664	480	340	584	898
Total Suspended Solids	mg/L	18	35	34	nr	47	24	22	13
Turbidity	n.t.u.	20	34	2	2	15	15	16	5
Chlorophyll a	ug/L	1.3	8.7	2.7	<1.0	8.7	2.7	11.3	36.0
Total Organic Carbon	mg/L	22.4	18.0	21.7	17.7	14.3	20.9	21.3	17.2
Total Nitrogen	mg/L N	2.1	1.7	1.2	0.8	0.9	0.8	1.0	1.1
Ammonia Nitrogen	mg/L N	0.027	0.067	0.005	<0.003	<0.003	<0.003	<0.003	<0.003
Nitrate Nitrogen	mg/L N	0.313	0.470	0.025	0.015	0.015	0.012	0.078	0.040
Soluble Phosphorus	mg/L P	0.77	nr	0.08	0.14	0.36	0.10	0.14	0.12
Total Phosphorus	mg/L P	0.95	0.87	0.12	0.27	0.46	0.14	0.20	0.21
Escherichia coli	MPN/100 mL	90	780	nr	<10	30	<10	4,350	120
Fecal Coliform	MPN/100 mL	50	930	10	<10	<10	<10	2,610	250

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

Weather conditions during monitoring:

Wind Direction: None
Wind Speed: 0 km/h
Cloud Coverage: 90 %
Precipitation: <0.1 mm
Air Temperature: 12 °C

Report Date: _____ July 25, 2024