



Rivers Monitoring Report
Survey Date: July 23, 2025

Parameter	Unit	Assiniboine River				Red River						
		Headingly Bridge	West Perimeter Bridge	Assiniboine Park Foot Bridge	Main Street Bridge	South Floodway Control	South Perimeter Bridge	Fort Garry Bridge	Norwood Bridge	Redwood Bridge	North Perimeter Bridge	Lockport Bridge
Sample Number		770630	770632	770629	770631	770634	770640	770635	770638	770639	770637	770636
Temperature	° C	22.3	22.4	21.8	22.1	22.6	22.5	23.1	22.0	21.8	21.3	21.5
pH	units	8.40	8.45	8.48	8.37	8.25	8.17	8.19	8.19	8.14	8.14	8.12
Dissolved Oxygen	mg/L	9.0	9.3	9.2	9.0	8.0	8.1	8.0	7.9	7.7	7.8	8.8
Oxygen Saturation	%	103	106	104	102	93	93	92	89	88	87	99
Biochemical Oxygen Demand	mg/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	7	<4
Total Solids	mg/L	838	868	888	862	1,170	1,170	1,170	1,170	1,160	1,160	1,180
Total Suspended Solids	mg/L	35	33	25	22	76	57	54	62	34	40	30
Turbidity	n.t.u.	24	22	19	16	51	40	37	46	27	26	23
Chlorophyll a	ug/L	18.7	14.7	14.7	16.0	5.3	6.2	4.5	2.7	5.3	4.0	2.7
Total Organic Carbon	mg/L	12.0	10.4	11.6	11.7	14.8	14.1	13.3	15.2	13.7	16.1	13.0
Total Nitrogen	mg/L N	0.5	0.4	0.4	0.7	1.9	2.2	2.1	2.2	2.2	2.3	2.6
Ammonia Nitrogen	mg/L N	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.005	<0.003	0.259	0.331
Nitrate Nitrogen	mg/L N	0.012	<0.004	0.012	<0.004	1.450	1.550	1.670	1.840	1.750	1.880	1.980
Soluble Phosphorus	mg/L P	0.03	0.03	0.05	0.06	0.20	0.20	0.21	0.20	0.19	0.23	0.25
Total Phosphorus	mg/L P	0.14	0.11	0.16	0.17	0.28	0.27	0.28	0.30	0.25	0.27	0.31
Escherichia coli	MPN/100 mL	10	20	<10	990	40	<10	10	30	220	1,020	50
Fecal Coliform	MPN/100 mL	20	20	20	1,380	20	30	40	70	180	580	80

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

Weather conditions during monitoring:

Wind Direction: North-North West (NNW)
 Wind Speed: 9 km/h
 Cloud Coverage: 90 %
 Precipitation: 2.7 mm
 Air Temperature: 21 °C

Report Date:

November 03, 2025