



Rivers Monitoring Report
Survey Date: June 11, 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		759136	759138	759135	759137	759139	759145	759140	759143	759144	759142	759141
Temperature	° C	18.1	18.5	17.8	16.9	19.6	19.1	18.6	18.4	18.0	17.7	17.9
pH	units	8.47	8.52	8.50	8.41	8.21	8.23	8.27	8.21	8.26	8.22	8.27
Dissolved Oxygen	mg/L	10.1	9.9	9.9	9.5	8.4	8.5	8.4	8.0	8.4	8.5	9.2
Oxygen Saturation	%	106	105	104	97	90	91	89	84	87	88	96
Biochemical Oxygen Demand	mg/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Total Solids	mg/L	856	864	868	834	1,240	1,200	1,200	1,210	1,140	1,040	1,050
Total Suspended Solids	mg/L	92	94	95	83	82	67	56	63	48	35	28
Turbidity	n.t.u.	51	52	50	48	54	46	38	40	32	24	19
Chlorophyll a	ug/L	26.7	20.0	24.0	18.7	5.3	5.3	4.5	2.7	7.1	6.2	2.7
Total Organic Carbon	mg/L	13.0	12.3	12.7	12.3	13.2	13.0	13.3	13.5	13.7	12.6	12.5
Total Nitrogen	mg/L N	0.8	0.7	0.8	0.9	3.3	3.4	3.6	4.2	3.8	3.6	3.8
Ammonia Nitrogen	mg/L N	<0.003	0.023	0.223	0.085	0.006	0.004	0.013	0.485	0.074	0.697	0.158
Nitrate Nitrogen	mg/L N	<0.004	<0.004	0.332	0.116	2.210	2.300	2.400	3.130	2.130	2.540	2.430
Soluble Phosphorus	mg/L P	0.08	0.08	0.10	0.10	0.14	0.13	0.14	0.18	0.13	0.21	0.16
Total Phosphorus	mg/L P	0.21	0.19	0.22	0.19	0.21	0.19	0.20	0.20	0.20	0.23	0.21
Escherichia coli	MPN/100 mL	10	10	160	100	<10	10	<10	10	200	300	320
Fecal Coliform	MPN/100 mL	40	10	130	140	10	<10	20	30	200	240	360

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: 10 km/h
Cloud Coverage: 0 %
Precipitation: <0.1 mm
Air Temperature: 19 °C

Report Date:

August 06, 2025