



Rivers Monitoring Report
Survey Date: July 9, 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		766866	766868	766865	766867	766869	766875	766870	766873	766874	766872	766871
Temperature	° C	24.0	24.7	23.6	23.9	24.8	25.0	25.2	24.3	23.9	23.3	23.2
pH	units	8.43	8.41	8.39	8.35	8.05	8.01	8.07	8.06	8.09	8.09	8.03
Dissolved Oxygen	mg/L	8.6	8.7	8.8	7.9	7.3	7.3	7.4	7.3	7.3	7.3	8.9
Oxygen Saturation	%	101	103	102	93	87	87	88	86	85	85	103
Biochemical Oxygen Demand	mg/L	<4	<4	<4	<4	<4	<4	<4	6	<4	<4	<4
Total Solids	mg/L	908	880	898	890	1,450	1,240	1,360	1,410	1,190	1,230	1,180
Total Suspended Solids	mg/L	45	37	58	35	301	140	217	300	121	73	63
Turbidity	n.t.u.	26	28	32	28	175	97	155	190	75	49	45
Chlorophyll a	ug/L	10.7	10.7	10.7	11.3	5.3	4.7	4.0	6.7	5.3	4.0	2.0
Total Organic Carbon	mg/L	10.0	13.7	10.1	9.9	14.3	15.0	11.6	12.2	13.3	12.9	12.1
Total Nitrogen	mg/L N	1.3	1.6	1.3	1.3	4.6	4.4	4.7	4.2	4.2	4.5	4.7
Ammonia Nitrogen	mg/L N	<0.003	<0.003	0.013	<0.003	<0.003	0.006	0.004	0.010	0.004	0.118	0.115
Nitrate Nitrogen	mg/L N	0.013	0.013	0.018	0.014	2.290	2.300	2.330	2.370	2.260	2.540	2.720
Soluble Phosphorus	mg/L P	0.03	0.04	0.06	0.05	0.20	0.20	0.20	0.20	0.19	0.21	0.21
Total Phosphorus	mg/L P	0.12	0.13	0.15	0.14	0.41	0.31	0.34	0.38	0.27	0.27	0.28
Escherichia coli	MPN/100 mL	<10	20	20	1,860	50	70	30	50	120	390	2,380
Fecal Coliform	MPN/100 mL	<10	40	10	3,450	90	10	40	40	230	390	2,010

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

Weather conditions during monitoring:

Wind Direction: South (S)
 Wind Speed: 30 km/h
 Cloud Coverage: 5 %
 Precipitation: 11.8 mm
 Air Temperature: 26 °C

Report Date:

November 03, 2025