



Rivers Monitoring Report
Survey Date: September 17, 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		784794	784796	784793	784795	784798	784804	784799	784802	784803	784801	784800
Temperature	° C	20.2	20.4	19.7	20.8	20.2	20.1	20.3	19.9	20.0	20.0	19.9
pH	units	8.58	8.51	8.44	8.48	8.36	8.36	8.36	8.29	8.30	8.15	8.09
Dissolved Oxygen	mg/L	7.4	7.4	7.6	7.4	8.9	8.7	8.7	8.2	7.9	7.7	8.8
Oxygen Saturation	%	81	82	82	82	98	95	95	89	86	84	95
Biochemical Oxygen Demand	mg/L	4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Total Solids	mg/L	762	780	772	768	930	906	898	910	888	856	772
Total Suspended Solids	mg/L	39	35	37	29	29	32	25	34	31	32	24
Turbidity	n.t.u.	22	23	24	22	23	25	23	24	22	25	20
Chlorophyll a	ug/L	20.3	16.6	15.5	17.1	18.7	16.6	13.9	8.0	10.1	9.6	6.9
Total Organic Carbon	mg/L	9.0	8.0	8.1	8.3	12.5	12.6	13.0	12.4	11.4	12.0	10.5
Total Nitrogen	mg/L N	0.8	0.7	0.7	0.6	1.4	1.2	1.4	1.5	1.5	2.2	2.2
Ammonia Nitrogen	mg/L N	<0.003	<0.003	0.014	0.013	0.010	0.012	0.019	0.042	0.062	0.506	0.516
Nitrate Nitrogen	mg/L N	0.008	0.010	0.019	0.015	0.341	0.327	0.394	0.455	0.479	0.580	0.870
Soluble Phosphorus	mg/L P	0.13	0.14	0.16	0.16	0.29	0.29	0.30	0.32	0.32	0.38	0.41
Total Phosphorus	mg/L P	0.28	0.26	0.28	0.27	0.34	0.39	0.37	0.38	0.37	0.42	0.45
Escherichia coli	MPN/100 mL	110	180	300	910	50	80	20	<10	150	400	30
Fecal Coliform	MPN/100 mL	100	230	400	860	90	30	10	10	130	390	40

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

Weather conditions during monitoring:

Wind Direction: North West (NW)
 Wind Speed: 10 km/h
 Cloud Coverage: 95 %
 Precipitation: <0.1 mm
 Air Temperature: 17 °C

Report Date:

November 28, 2025