



Rivers Monitoring Report
Survey Date: October 29, 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		794966	794968	794965	794967	794970	794976	794971	794974	794975	794973	794972
Temperature	° C	8.1	8.5	8.1	7.6	8.8	8.5	8.8	8.4	8.2	8.1	8.4
pH	units	8.39	8.41	8.31	8.37	7.99	7.97	8.05	8.10	8.19	8.21	8.16
Dissolved Oxygen	mg/L	10.9	11.1	11.4	11.0	10.8	10.6	10.7	10.7	10.8	11.0	12.1
Oxygen Saturation	%	94	95	97	92	93	91	91	91	91	92	102
Biochemical Oxygen Demand	mg/L	4	<4	<4	<4	<4	4	4	<4	<4	<4	6
Total Solids	mg/L	856	890	874	918	792	778	764	848	868	854	1,010
Total Suspended Solids	mg/L	204	214	149	206	171	234	240	220	220	231	335
Turbidity	n.t.u.	113	125	120	120	169	169	165	148	135	142	196
Chlorophyll a	ug/L	30.7	29.4	30.7	32.0	9.3	6.7	10.7	8.0	10.7	13.4	13.4
Total Organic Carbon	mg/L	15.1	16.1	14.6	15.2	18.7	21.8	20.4	19.7	18.3	17.2	19.9
Total Nitrogen	mg/L N	1.1	1.1	1.0	1.3	1.9	2.0	1.8	1.8	1.7	1.6	1.9
Ammonia Nitrogen	mg/L N	0.042	0.043	0.071	0.066	0.078	0.080	0.072	0.130	0.079	0.124	0.286
Nitrate Nitrogen	mg/L N	0.270	0.241	0.246	0.286	0.942	0.886	0.945	0.728	0.734	0.702	0.741
Soluble Phosphorus	mg/L P	0.17	0.14	0.16	0.17	0.43	0.42	0.43	0.22	0.23	0.20	0.20
Total Phosphorus	mg/L P	0.39	0.36	0.41	0.39	0.61	0.67	0.63	0.49	0.43	0.42	0.53
Escherichia coli	MPN/100 mL	320	220	220	450	210	280	380	60	210	921	8,600
Fecal Coliform	MPN/100 mL	230	230	340	540	340	320	270	230	340	1,120	9,880

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

Weather conditions during monitoring:

Wind Direction: South-South West (SSW)
 Wind Speed: 3 km/h
 Cloud Coverage: 70 %
 Precipitation: 4.7 mm
 Air Temperature: 3 °C

Report Date: November 28, 2025