



Kale Black, Sr. Drinking Water Officer
Office of Drinking Water, Manitoba Sustainable Development
309 – 25 Tupper Street North
Portage La Prairie, MB R1N 3K1

August 6, 2021

RE: CORRECTIVE ACTION REPORT FOR WINNIPEG PUBLIC WATER SYSTEM, 252.00

Incident No: CAR-07-2021-ESD

Reported to ODW: July 22, 2021

Reported by: Courtney Diduck, Analytical Services Branch Head

Approved by: Courtney Diduck, Analytical Services Branch Head

Incident Date: July 21, 2021

Incident Location: Winnipeg 3-Dist (WC02)

Incident Type:

1. High Positive Total Coliform (>10 per100mL), 3 MR 41/2007
2. Positive Escherichia Coliform (>0 per100mL), 3 MR 41/2007

Description and Corrective Actions:

Environmental Standards:

IMMEDIATELY: Contacted the ODW and re-sampled original location as well as upstream and downstream for bacteria, turbidity, free/total chlorine, and temperature. Monitoring was terminated after two consecutive sets of re-samples taken 24 hours apart tested negative for bacteria. A complete summary of corrective actions and follow-up activities are provided in a separate submission.

Test Results: See attached

Reference No: Job 758

EMERGENCY REPORTING IS REQUIRED WHERE A POTENTIAL HEALTH RISK IS INVOLVED. FOLLOW THE INSTRUCTIONS OF YOUR DRINKING WATER OFFICER IN SITUATIONS REQUIRING IMMEDIATE REPORTING

N:\Environmental Standards\Analytical Services\Government Agencies\Office of Drinking Water\Corrective Action Reports



Sample Name	Sample Number	Date Sampled	E Coli (MPNU/100mL)	Total Coliform (MPNU/100mL)	HPC (CFU/100mL)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity-field (ntu)	Temperature (°C)	Time Sampled (hrs)
WC02	409906	21-Jul-21	14	14	<1	0.68	0.83	0.10	14.4	10:19
WC02 - Resample 1	410937	22-Jul-21	0	0	<1	0.75	0.96	0.12	17.4	16:06
WC02 - Resample 1 Duplicate	410938	22-Jul-21	0	0	<1	0.74	0.93	0.11	17.4	16:07
WC02 - Downstream	410939	22-Jul-21	0	0	<1	0.63	0.94	0.14	19.5	15:49
WC02 - Upstream	410940	22-Jul-21	0	0	<1	0.79	1.01	0.12	17.6	16:20
WC02 - Resample 2	410956	23-Jul-21	0	0	<1	0.81	0.98	0.14	17.8	16:22
WC02 - Resample 2 Duplicate	410957	23-Jul-21	0	0	<1	0.78	0.94	0.13	17.8	16:23
WC02 - Downstream	410958	23-Jul-21	0	0	<1	0.74	0.99	0.16	17.2	16:04
WC02 - Upstream	410959	23-Jul-21	0	0	<1	0.85	1.00	0.12	18.1	16:35

NOTES/COMMENTS:

1. All microbiological tests performed by contract laboratory.
2. OL - Autosampler or Process Offline
3. NA - Not Applicable