



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 3, 2023

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

Incident No: CAR-09-2023-ESD

Reported to ODW: July 4, 2023

Reported by: Krista Wazny, Laboratory Supervisor

Approved by: Courtney Diduck, Analytical Services Branch Head

Incident Date: July 4, 2023

Incident Location: Winnipeg 3-Dist (SE12)

Incident Type: Low Disinfectant Residual in Distribution System, 22(1) MR 40/2007

Description and Corrective Actions:

Environmental Standards:

Contacted the ODW, Water Services and re-sampled original and upstream location for bacteria, turbidity, free/total chlorine, and temperature. The water main renewal occurring in the immediate area created a dead end for this location. The customer was instructed by Water Services and by ESD staff to run water to waste until the work in the area was complete. Additional flushing took place during this incident as the customer running water to waste did not resolve the issue. The completion of the water main renewal and corrective actions performed resolved the issue.

Test Results: See attached

Reference No: Job_1496

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)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity-field (ntu)	Temperature (°C)	Time Sampled (hrs)
SE12	584119	4-Jul-23	<1	<1	0.02	0.11	1.74	14.5	13:00
SE12_Upstream	585435	4-Jul-23	<1	<1	0.25	0.49	1.31	16.4	13:13
WS_Hydrant	na	4-Jul-23	na	na	0.42	na	4.03	na	15:50
SE12_Resample	585725	6-Jul-23	<1	<1	0.02	0.21	1.04	19.2	15:01
SE12_Upstream	585726	6-Jul-23	na	na	0.30	0.43	0.71	17.3	15:19
WS_Hydrant	na	7-Jul-23	na	na	0.24	na	1.00	na	11:00
SE12	585801	10-Jul-23	<1	<1	0.35	0.50	0.73	17.3	13:10
SE12	587633	17-Jul-23	<1	<1	0.28	0.45	0.32	21.4	13:24

NOTES/COMMENTS:

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