



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

October 23, 2020

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

Incident No: CAR-18-2020-ESD

Reported to ODW: September 9, 2020

Reported by: Brock Bradford, Acting Analytical Services Branch Head

Approved by: Renée Grosselle, Manager of Environmental Standards

Incident Date: September 8, 2020

Incident Location: Winnipeg 3-Dist (NE09 and WC01)

Incident Type:

1. Positive Total Coliform NE09 (36 per100mL), 3 MR 41/2007
2. Positive Total Coliform WC01 (>200 per100mL), 3 MR 41/2007

Description of Event and Corrective Actions:

Environmental Standards:

IMMEDIATELY: Contacted the ODW and re-sampled original locations 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: Jobs 579 and 580

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



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Sample Name	Sample Number	Date Sampled	E Coli (MPNU/100mL)	Total Coliform (MPNU/100mL)	HPC (CFU/mL)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity-field (ntu)	Temperature (°C)	Time Sampled (hrs)
NE09	331349	8-Sep-20	0	36	1	0.41	0.54	0.18	17.3	9:54
NE09 Resample 1	332506	9-Sep-20	0	0	n/a	0.39	0.55	0.16	16.8	15:58
NE09 Resample Duplicate 1	332507	9-Sep-20	0	0	n/a	n/a	n/a	n/a	n/a	15:58
NE09 Upstream	332508	9-Sep-20	0	0	n/a	0.50	0.66	0.13	20.2	16:44
NE09 Downstream	332509	9-Sep-20	0	0	n/a	0.37	0.56	0.17	15.7	16:17
NE09 Resample 2	332746	10-Sep-20	0	0	<1	0.34	0.52	0.15	16.7	15:59
NE09 Resample Duplicate 2	332747	10-Sep-20	0	0	<1	n/a	n/a	n/a	n/a	15:59
NE09 Upstream	332748	10-Sep-20	0	0	1	0.68	0.92	0.13	16.7	17:21
NE09 Downstream	332749	10-Sep-20	0	0	<1	0.33	0.51	0.15	15.4	16:18
WC01	331346	8-Sep-20	0	>200	206	1.05	1.21	0.12	19.9	9:32
WC01 Resample 1	332510	9-Sep-20	0	0	n/a	0.96	1.14	0.13	19.5	16:24
WC01 Resample Duplicate 1	332511	9-Sep-20	0	0	n/a	n/a	n/a	n/a	n/a	16:24
WC01 Upstream	332512	9-Sep-20	0	0	n/a	1.07	1.27	0.18	17.1	17:07
WC01 Downstream	332513	9-Sep-20	0	0	n/a	0.53	0.72	0.55	19.1	16:50
WC01 Resample 2	332750	10-Sep-20	0	0	<1	0.94	1.14	0.21	19.0	16:25
WC01 Resample Duplicate 2	332751	10-Sep-20	0	0	<1	n/a	n/a	n/a	n/a	16:25
WC01 Upstream	332752	10-Sep-20	0	0	<1	1.17	1.46	0.26	16.6	17:28
WC01 Downstream	332753	10-Sep-20	0	0	<1	0.58	0.78	0.49	18.8	16:50

NOTES/COMMENTS:

1. All microbiological tests performed by contract laboratory.
2. NR-No Result due to laboratory/analyst error.
3. NA-Not Analyzed.