



Derek Clarke, Drinking Water Officer
Office of Drinking Water, Manitoba Sustainable Development
Box 6000
Gimli, MB R0C 1B0

November 4, 2019

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

Incident No: CAR_04-2019

Reported to ODW: July 8, 2019

Reported by: Zeljko Bodirola, Water Distribution Engineer

Approved by: Zeljko Bodirola, Water Distribution Engineer

Incident Date: July 7, 2019

Incident Location: Winnipeg 3-Dist (WM Repair)

Incident Type:

1. Low Positive Total Coliform (<10 per100mL), 3 MR 41/2007

Description of Corrective Actions:

Water Services:

Immediately contacted the ODW, flushed both of the isolated areas and re-sampled the original locations as a precaution due to a potential sample mix up on July 7, 2019. Tested both repair locations for bacteria, turbidity, and free chlorine until two consecutive negative bacteria results were obtained 24 hours apart.

Test Results: See attached

LIMS Reference No: n/a

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	Work Order Number	Lab Number	Date Sampled	E Coli (MPNU/100mL)	Total Coliform (MPNU/100mL)	Free Chlorine (mg/L)	Turbidity-field (ntu)	Time Sampled (hrs)
Hydrant_Water Main Repair # 1	1908760	L2305296-1	7-Jul-19	<1	1	0.70	4.27	11:30
Hydrant_Water Main Repair # 1 (Resample 1)	1908760	L2305825-1	8-Jul-19	<1	<1	0.87	4.16	14:35
Hydrant_Water Main Repair # 1 (Upstream 1)	1908760	L2305833-1	8-Jul-19	<1	<1	0.73	4.73	14:55
Hydrant_Water Main Repair # 1 (Resample 2)	1908760	L2307831-1	10-Jul-19	<1	<1	0.74	2.18	15:50
Hydrant_Water Main Repair # 1 (Upstream 2)	1908760	L2307831-2	10-Jul-19	<1	<1	0.76	0.95	15:55
Hydrant_Water Main Repair # 2	1908672	L2305296-2	7-Jul-19	<1	<1	0.61	4.41	12:57
Hydrant_Water Main Repair # 2 (Resample 1)	1908672	L2305824-1	8-Jul-19	<1	<1	0.69	3.91	12:00
Hydrant_Water Main Repair # 2 (Resample 2)	1908672	L2305831-1	8-Jul-19	<1	<1	0.73	1.55	16:00
Hydrant_Water Main Repair # 2 (Resample 3)	1908672	L2307831-3	10-Jul-19	<1	1	0.27	0.76	17:15
Hydrant_Water Main Repair # 2 (Resample 4)	1908672	L2309642-1	12-Jul-19	<1	<1	0.71	0.18	16:45
Hydrant_Water Main Repair # 2 (Resample 5)	1908672	L2309646-1	13-Jul-19	<1	<1	0.74	0.66	16:15
Hydrant_Water Main Repair # 2 (Resample 6)	1908672	L2309647-1	14-Jul-19	<1	<1	0.44	0.30	16:10

NOTES/COMMENTS:

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