



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

March 5, 2021

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

**Incident No:** CAR-01-2021-ESD

**Reported to ODW:** February 17, 2021

**Reported by:** Courtney Diduck, Analytical Services Branch Head

**Approved by:** Courtney Diduck, Analytical Services Branch Head

**Incident Date:** Week of February 7, 2021

**Incident Location:** Winnipeg 2-Treated (WTP BR1)

**Incident Type:** Water Quality Monitoring (PWS-09-412-01 Clause 5.1)

**Description of Event:**

Deacon Booster Pumping Station (DBPS) Branch 1 was offline for maintenance from February 3<sup>rd</sup> to February 11<sup>th</sup>. The weekly bacteriological sample was not collected after DBPS Branch 1 was brought back online due to a miscommunication and misunderstanding of the return to service plan.

**Corrective Actions:**

Notified OWD, reviewed monitoring requirements with laboratory staff, and created a new procedure to prevent future events. Once Branch 1 was brought back online, samples were collected downstream as part of the return to service plan and as part of our regular monitoring program; the downstream samples were negative for bacteria and had acceptable chlorine and turbidity levels.

**Test Results:** See attached

**Reference No:** 369341

**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 Analyzer (mg/L)	Free Chlorine (mg/L)	Total Chlorine (mg/L)	Turbidity-field (ntu)	Temperature (°C)	Time Sampled (hrs)
DBPSOUT1	367733	1-Feb-21	0	0	<1	1.28	1.28	1.50	0.11	2.5	10:49
DBPSOUT1	369341	8-Feb-21	OL	OL	OL	OL	OL	OL	OL	OL	OL
AQ_B1MC	370418	12-Feb-21	0	0	<1	NA	0.70	0.94	0.36	3.1	8:50
AQ_B1MC_Duplicate	370419	12-Feb-21	0	0	<1	NA	NA	NA	NA	NA	8:51
AQ_B1MC	370420	13-Feb-21	0	0	3	NA	1.27	1.27	0.11	2.6	12:15
AQ_B1MC_Duplicate	370421	13-Feb-21	0	0	<1	NA	NA	NA	NA	NA	12:15
DBPSOUT1	370961	16-Feb-21	0	0	<1	1.17	1.19	1.37	0.11	2.1	11:49
WC01	370265	16-Feb-21	0	0	<1	1.04	1.03	1.35	0.24	3.3	9:38

NOTES/COMMENTS:

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