



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

July 7, 2020

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

Incident No: CAR-04-2020-WTP

Reported to ODW: June 19, 2020, 15:41

Reported by: Johanne Mallord

Approved by: Dan Merredew Water Treatment Operations Supervisor

Incident Date: June 19, 2020

Incident Location: Winnipeg 2-Treated (WTP)

Incident Type: Water Entering Distribution System Exceeds Turbidity Standard, 6(1) MR 41/2007

Description of Corrective Actions:

A power failure caused the Water Treatment Plant to shutdown. When the plant was brought online the compressors for the DAF process were still in a fault state. The system does not have alarms to notify operations that the system is not working correctly. It was unnoticed for approximately an hour which caused further upset to the process.

To lower the impact of the turbidity spikes, Filter 5, which had been backwashed prior to the shutdown, was brought back online. The filter turbidity started to rise on the filter to 1.21 NTU. The water from filter 5 was diverted to the backwash supply tank. When it was safe to do so it was brought back online. This extra filter relieved the stress on the other filters. The duration of the spike was for approximately 55 seconds at 12:16:35 to 12:17:30.

Test Results: N/A

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

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