



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 7, 2021

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

Incident No: CAR-11-2021

Reported to ODW: September 3, 2021

Reported by: Dan Merredew

Approved by: Dan Merredew, Water Treatment Plant Operations Supervisor

Incident Date: September 3, 2021 @ 12:57

Incident Location: Winnipeg 2-Treated (WTP)

Incident Type:

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

Description of Corrective Actions:

Water Treatment Plant Operator:

On September 3, 2021 Filter 3 experienced a short turbidity spike above 1.0 NTU. The turbidity reached a maximum of 5.00 NTU at 12:57 and went below 1.0 NTU at 13:00. The analyzer was being cleaned by our Technical staff just prior to the event. Immediately after the spike the turbidity reading was 0.02 NTU. There was no impact on the process as the spike was related to analyzer maintenance and was not reflective of the true filter effluent turbidity. The Standard Operating Procedure for instrument maintenance was updated in July 2021 to allow 30 minutes for an instrument to stabilize following maintenance. Corrective action for this event will be to confirm all technicians are following the updated Standard Operating Procedure to prevent the risk of future occurrence.

Test Results:

Initial Result @ 12:55: 0.11 NTU (grab)/0.05 NTU (analyzer)

Final Result @ 13:05: 0.11 NTU (grab)/0.06 NTU (analyzer)

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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