



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

November 7, 2023

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

Incident No: CAR-17-2023

Reported to ODW: October 31, 2023 @ 18:00

Reported by: Dan Merredew, Operations Supervisor

Approved by: Dan Merredew

Incident Date: October 31, 2023

Incident Location: Winnipeg 2-Treated (WTP)

Incident Type:

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

Description of Incident and Corrective Actions:

Water Treatment Plant Operator:

On October 31st, Filter 3 experienced a turbidity spike above 1.0 NTU. The turbidity reached a maximum of 2.06 NTU at 03:51:10 and was above 1.0 NTU for 1 minute and 5 seconds. Prior to the event, Operations had diverted flow to the backwash tank due to smaller turbidity spikes going through the filter. The spike occurred when Operations put the filter back into normal operation. Filter flow was immediately put back into the backwash tank. Technicians were contacted to clean the instrument and flush the line. Once the task was completed the filter was retuned to normal operation.

Neither water quality nor safety were impacted by this event, the duration of the spike is indicative of material sloughing from the sample line. Work was taking place on DAF process during this time, but all other filters performed normally. All other treatment barriers including UV and chlorination remained online without issue.

Test Results: n/a

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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