



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

December 7, 2023

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

Incident No: CAR-18-2023

Reported to ODW: December 1, 2023

Reported by: Dan Merredew, Operations Supervisor

Approved by: Dan Merredew

Incident Date: November 10, 2023

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 November 10, 2023 Filter 3 experienced a turbidity spike above 1.0 NTU. The turbidity reached a maximum of 2.16 NTU at 23:15:18 and was above 1.0 NTU for 1 minute and 22 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. After this event the turbidity stabilized at 0.10 NTU through the filter.

During this event turbidity post DAF was consistently between 0.65 NTU and 0.70 NTU.

Neither water quality nor safety were impacted by this event. All other treatment barriers including UV and chlorination remained online without issue. The duration of the spike is indicative of material sloughing off the sample line. All other filter performance was normal during this time frame.

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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