



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

May 7, 2024

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

Incident No: CAR-02-2024-WTP

Reported to ODW: April 16, 2024 @ 11:20

Reported by: Dan Merredew. Water Treatment Operations Supervisor

Approved by: Dan Merredew

Incident Date: April 16, 2024

Incident Location: Winnipeg 2-Treated (WTP)

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

Description of Event and Corrective Actions:

On April 16, 2024, our instrument group were performing a chemical cleaning of the sample line for Filter 3 analyzer. The instrument was placed into calibration mode while the sample line was flushed with chemical, then flushed with process water. All flushing was put to waste. When the instrument timed out from calibration mode returning to reading mode, it spiked to a maximum of 5.0 NTU at 10:54:14. Turbidity readings were above 0.30 NTU for 15 minutes and 43 seconds.

Neither water quality nor safety were impacted by this event. The recorded value was not a true turbidity going through the filter, it was a false value because of the sample line being flushed. All other treatment barriers including UV and chlorination remained online without issue during this event. No corrective action was required for this spike.

Test Results:

Filter 3 Pre Test @ 10:41: Grab 0.16 NTU; Analyzer 0.06 NTU

Filter 3 Post Test @ 11:00: Grab 0.16 NTU; Analyzer 0.08 NTU

Other analyzer readings during spike: Filter 1 0.10 NTU; Filter 2 0.10 NTU; Filter 4 0.05 NTU; Filter 5 0.06 NTU; Filter 6 0.02 NTU; Filter 7 0.09 NTU; Filter 8 0.04 NTU

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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