



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

March 7, 2024

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

Incident No: CAR-01-2024-WTP

Reported to ODW: February 29, 2024 @ 09:05

Reported by: Dan Merredew. Water Treatment Operations Supervisor

Approved by: Dan Merredew

Incident Date: February 28, 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 February 28th, our instrument group performed maintenance on the Filter 8 analyzer. The instrument was placed into calibration mode while the sample line was flushed. When the instrument was returned to reading mode, it spiked to a maximum of 5.0 NTU at 13:32:07. Turbidity readings were above 0.30 ntu for 50 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 8 Pre Test @ 13:30: Grab 0.07 NTU; Analyzer 0.00 NTU

Filter 8 Post Test @ 13:40: Grab 0.00 NTU; Analyzer 0.06 NTU

Other analyzer readings during spike: Filter 1 0.01 NTU; Filter 2 0.13 NTU; Filter 3 0.08 NTU; Filter 4 0.08 NTU; Filter 5 0.05 NTU; Filter 6 0.02 NTU; Filter 7 0.05 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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