



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

June 6, 2024

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

Incident No: CAR-03-2024-WTP

Reported to ODW: June 3, 2024

Reported by: Dan Merredew, Operations Supervisor

Approved by: Dan Merredew, Operations Supervisor

Incident Date: May 14, 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 May 14, 2024 Filter 3 experienced a turbidity spike above 1.0 NTU, on 2 separate occasions. The first spike reached a maximum of 1.63 NTU at 06:21:08 and lasted 19 seconds. The second spike reached a maximum of 1.14 NTU at 07:03:14 and lasted 6 seconds. The brief duration of the spikes is indicative of material sloughing from the sample line and not a true indication of process turbidity.

Neither water quality nor safety were impacted by this event. All other treatment barriers including UV and chlorination remained online without issue during this event. All other filter performance was normal during this time frame.

Test Results:

Filter 3 post 1st spike: 0.23 NTU

Filter 3 post 2nd spike: 0.11 NTU

Other analyzer readings: Post DAF 0.52 NTU; Filter 1 0.01 NTU; Filter 2 0.02 NTU; Filter 4 0.12 NTU; Filter 5 0.01 NTU; Filter 6 0.06 NTU; Filter 7 0.05 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

N:\Environmental Standards\Analytical Services\Government Agencies\Office of Drinking Water\Corrective Action Reports