



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 6, 2025

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

Incident No: CAR-02-2026-WTP (F3)

Reported to ODW: February 5, 2026 @ 07:45

Reported by: Dan Merredew, Water Treatment Operations Supervisor

Approved by: Dan Merredew, Water Treatment Operations Supervisor

Incident Date: February 4, 2026

Incident Location: Winnipeg 2-Treated (WTP)

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

Description of Corrective Actions:

On February 4, 2026, Filter 3 experienced a turbidity spike above 1.0 NTU. The turbidity reached 3.04 NTU at 19:21:13 and was above 1.0 NTU for 5 minutes and 15 seconds (19:19:10 to 19:24:25). The spike occurred after returning the water treatment plant to service after a planned shutdown. The flow control valve started to open and close faster than anticipated which created a surge of water through the filter. Operations immediately put the filter to recycle and technicians were contacted to flush the sample line for the turbidity analyzer.

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.

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



Location	Date	Time	Analyzer Reading (NTU)	Grab Turbidity (NTU)
Post DAF Train 1	2/4/2026	18:50:00	1.06	na
Post DAF Train 2	2/4/2026	18:50:00	0.79	na
Filter 1	2/4/2026	19:19:00	ol	na
Filter 2	2/4/2026	19:19:00	0.08	na
Filter 3 - pre spike	2/4/2026	19:19:00	0.16	na
Filter 3 - spike	2/4/2026	19:21:13	3.04	na
Filter 3 - post spike	2/4/2026	20:22:22	0.16	na
Filter 4	2/4/2026	19:19:00	0.03	na
Filter 5	2/4/2026	19:19:00	0.03	na
Filter 6	2/4/2026	19:19:00	0.03	na
Filter 7	2/4/2026	19:19:00	0.08	na
Filter 8	2/4/2026	19:19:00	0.01	na

Notes/Comments:

1. ol - offline
2. ns - no sample
3. na - not applicable or not analyzed