



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, 2026

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

Incident No: CAR-03-2026-WTP (F5)

Reported to ODW: February 17, 2026 @ 17:07

Reported by: Heather Buhler, Water Treatment Systems Engineer

Approved by: Heather Buhler, Water Treatment Systems Engineer

Incident Date: February 17, 2026

Incident Location: Winnipeg 2-Treated (WTP)

Incident Type: (choose all that apply)

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

Description of Event and Corrective Actions:

On February 17, 2026, at 13:51 there was an unplanned shutdown of the water treatment plant while performing maintenance on an uninterruptable power supply system. An abrupt power outage resulted in a full plant shutdown and caused the failure of the Filter 5 turbidity meter. The turbidity meter recorded a single reading of 5.00 NTU at 14:07:33 when power returned and did not record further readings until the instrument was replaced at 14:52. Due to a variety of start-up issues, operators only saw the HiHi alarm on Filter 5 at 14:40, 34 minutes after the value first appeared. The filter was immediately directed to waste at 14:41.

This turbidity event was the result of a failed turbidity meter and not indicative of a water quality event. 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	2/17/2026	14:07:33	1.25	na
Post DAF Train 2	2/17/2026	14:07:33	0.84	na
Filter 1	2/17/2026	14:07:33	0.14	na
Filter 2	2/17/2026	14:07:33	0.01	na
Filter 3	2/17/2026	14:07:33	ol	na
Filter 4	2/17/2026	14:07:33	0.07	na
Filter 5 - pre spike	2/17/2026	14:07:33	0.02	na
Filter 5 - spike	2/17/2026	14:07:33	5.00	na
Filter 5 - post spike	2/17/2026	14:59:50	0.01	na
Filter 6	2/17/2026	14:07:33	0.04	na
Filter 7	2/17/2026	14:07:33	0.05	na
Filter 8	2/17/2026	14:07:33	0.05	na

Notes/Comments:

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