

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, 2025**

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

**Incident No:** CAR-06-2025-WTP (F7)

**Reported to ODW:** April 28, 2025 @ 10:04

**Reported by:** Dan Merredew, Water Treatment Operations Supervisor

**Approved by:** Dan Merredew, Water Treatment Operations Supervisor

**Incident Date:** April 28, 2025

**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 April 28, 2025, Filter 7 experienced a turbidity spike above 1.0 NTU. Prior to the event, technical staff did not put the instrument into the hold position while performing calibrations on the instrument. As a result, the turbidity spiked immediately to 2.51 NTU at 09:53:38. The filter was isolated at 09:54:17 until 10:06:03. When the filter was returned to service the reading was 0.03 NTU.

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.

**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	4/28/2025	9:23	0.64	NA
Post DAF Train 2	4/28/2025	9:23	0.55	NA
Filter 1	4/28/2025	9:53	0.05	NA
Filter 2	4/28/2025	9:53	0.04	NA
Filter 3	4/28/2025	9:53	0.02	NA
Filter 4	4/28/2025	9:53	0.06	NA
Filter 5	4/28/2025	9:53	0.06	NA
Filter 6	4/28/2025	9:53	0.06	NA
Filter 7 - pre-spike	4/28/2025	9:53	0.18	0.12
Filter 7	4/28/2025	9:53-9:54	2.51	NA
Filter 7- post spike	4/28/2025	10:06	0.03	0.07 @ 10:10
Filter 8	4/28/2025	9:53	0.06	NA

NOTES/COMMENTS:

1. All microbiological tests performed by contract laboratory.
2. OL - Autosampler or Process Offline
3. NA - Not Applicable