



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

October 6, 2023

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

Incident No: CAR-13-2023

Reported to ODW: September 9, 2023

Reported by: Andrew Ehlers, Operator

Approved by: Dan Merredew, Operations Supervisor

Incident Date: September 9, 2023 @ 11:31:45

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:

Water Treatment Plant Operator:

On September 9th, Filter 8 experienced a short turbidity spike above 1.0 NTU. The turbidity reached 1.05 NTU at 11:31:45 and went below 1.0 NTU at 11:32:05. Turbidity was above 1.0 NTU for 20 seconds. Immediately before the spike the analyzer was reading 0.13 NTU and immediately after the spike the analyzer was reading was 0.26 NTU, then settled at 0.15 NTU at 11:32:26.

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. The brief duration of the spike is indicative of material sloughing from the sample line and not a true indication of process turbidity. Maintenance staff will be inspecting and cleaning the sample line on Filter 8, as a corrective action.

Test Results:

Grab Sample collected after spike - Result turbidity - 0.11 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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