



Derek Clarke, Drinking Water Officer
Office of Drinking Water, Manitoba Sustainable Development
Box 6000
Gimli, MB R0C 1B0

August 24, 2020

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

Incident No: CAR-08-2020-WTP

Reported to ODW: July 4, 2020 @ 20:00

Reported by: Raimo Perhonen

Approved by: Dan Merredew Water Treatment Operations Supervisor

Incident Date: July 4, 2020

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 Corrective Actions:

At approximately 19:35 filter 6 experienced a turbidity spike above 1.0 NTU for approximately 19 seconds, maximum turbidity reached 1.34 NTU. Due to the fact there was no alarm generated by the SCADA system with regards to high turbidity, the spike was noticed from viewing the filter turbidity trending screen several minutes after the spike occurred. Spoke with the on duty OIC about the event. No action was taken because the turbidity returned to normal after the spike.

The filter returned to 0.10 NTU after the event indicating that this is likely due to instrument sample lines and not a true reflection of the filter effluent turbidity. The lines are scheduled to be cleaned as a corrective action.

Test Results: Filter went above 1.0 NTU from 19:35:21 till 19:35:48. The peak was 1.34 NTU. Analyzer was reading 0.08 NTU prior to event and 0.10 NTU after 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

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