



Derek Clarke, Drinking Water Officer  
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August 24, 2020

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

**Incident No:** CAR-06-2020-WTP

**Reported to ODW:** July 3, 2020, 18:52

**Reported by:** Raimo Perhonen

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

**Incident Date:** July 3, 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 18:10, filter 4 experienced a turbidity spike above 1.0 NTU for approximately 14 seconds, maximum turbidity reached 1.51 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 approximately 20 minutes after the spike occurred. Spoke with the on duty OIC about the event. No action was taken because turbidity returned to normal after the spike.

The filter returned to 0.12 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 18:10:42 till 18:10:56. The peak was 1.51 NTU. Analyzer was reading 0.12 NTU prior to and 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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