



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

May 6, 2019

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

Incident No: CAR_01-2019

Reported to ODW: April 2, 2019

Reported by: Carson Ikonen, Senior Operator

Approved by: Dan Merredew, Water Treatment Operations Supervisor

Incident Date: April 2, 2019

Incident Location: Winnipeg 2-Treated (WTP)

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

Description of Corrective Actions:

Water Treatment Plant Operator: Water Treatment Instrument Technicians were calibrating Filter # 2 Turbidity Analyzer. An error was made when the instrument was calibrated without being placed into 'hold' status. This caused the analyzer to read 5.0 NTU for 4 minutes.

Grab samples taken to verify filter turbidity were within license limits both before and after the maintenance of the turbidity instrument, demonstrating that filter #2 effluent turbidity was below the license limit.

Procedure for maintenance of online turbidity instruments discussed and reviewed with instrumentation staff.

Test Results: April 2, 2019:

Prior to maintenance work (12:51 pm) = 0.09 NTU

After maintenance work (12:55 pm) = 0.09 NTU

LIMS 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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