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

May 6, 2019

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

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