



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 7, 2020

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

Incident No: CAR-20-2020-WTP

Reported to ODW: September 25, 2020

Reported by: Mark Fisher, Operator

Approved by: Dan Merredew, Operations Supervisor

Incident Date: September 25, 2020

Incident Location: Winnipeg 2-Treated (WTP), Filter 4

Incident Type:

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

Description of Event and Corrective Actions:

The effluent from Filter 4 was above 1.0 NTU from 6:38 to 6:43, with a maximum turbidity of 1.21 NTU at 6:40. This event was caused by the filter valves being manipulated after a failed backwash.

Corrective actions included placing Filter 4 into backwash mode immediately upon the filter effluent valve opening, to force the closing of the valve and minimize the amount of water passed to the filter effluent chamber. In addition, a review of the existing automated control system programming for filter operation will be conducted to determine if there are issues and subsequent changes required to the control strategy for returning filters to the backwash cycle following a fault event, in order to prevent future occurrences.

Test Results: SCADA Initial Result: 0.28 NTU

SCADA Final Result: 0.00 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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