



City of  
**Peterborough**

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**To:** Members of the General Committee

**From:** Ilmar Simanovskis, Commissioner, Municipal Operations

**Meeting Date:** September 15, 2025

**Report:** Report on Necessary Measures Taken to Disinfect Water Treatment Plant Contact Tank 2 and Clearwell 4, Report MOWAT25-009

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## **Subject**

A report to inform Council of the necessary measures taken to disinfect Chlorine Contact Tank 2 and Clearwell 4 to remove mold that accumulated during emergency draining and repair of a leak from Chlorine Contact Tank #1.

## **Recommendation**

That Council approves the recommendation outlined in Report MOWAT25-009, dated September 15, 2025, of the Commissioner of Municipal Operations as follows:

The report MOWAT25-009 be received for information.

## **Background**

On May 2, 2025, staff observed water leaking from the east side of Chlorine Contact Tank 1, which was in service at the time. To stop the leak and to complete further investigation, Contact Tank #1 was taken out of service and drained. Operationally, this meant switching over to Chlorine Contact Tank 2 and Clearwell 4.

Chlorine Contact Tank 2 and Clearwell 4 have been isolated, emptied and out of service for some time, and during this period mold developed on the walls and baffle curtains. Before flow could be switched over to these tanks to isolate Chlorine Contact Tank 1, they required proper disinfection.

Therefore, a request for the Emergency Procurement of mold remediation and disinfection of all surfaces including baffle curtains in both Chlorine Contact Tank 2 and Clearwell 4 was made with IQ Environmental Inc.

## **Emergency Non-Standard Procurement**

To secure the service to remediate the mold and disinfect the tanks as quickly as possible, the Emergency Procurement was approved by the Commissioner of Municipal Operations, in accordance with section 58 a). of the City's Procurement By-law 24-077. Report MOWAT25-009 meets the reporting requirements in accordance with section 59 b). of the City's Procurement By-law 24-077.

## **Strategic Plan**

Strategic Pillar: Infrastructure

Strategic Priority: Develop and implement robust long-term capital planning forecasts and budget planning to ensure municipal infrastructure (Horizontal, Vertical, and Underground Assets) remain in a state of good repair.

Chlorine Contact Tanks are where primary disinfection of the drinking water occurs after chlorine is added to filtered water providing properly disinfected drinking water for City of Peterborough under the Safe Drinking Water Act. Clearwells are storage tanks that drinking water is stored in onsite at the Drinking Water Treatment Plant prior to being pumped to the City's drinking water distribution system.

## **Engagement and Consultation**

Consultation with IQ Environmental Inc. on the proper procedure for mold remediation and disinfection.

## **Budget and Financial Implications**

The total project cost of \$170,147.91, net of the HST rebate, for mold remediation and disinfection of Chlorine Contact Tank 2 and Clearwell 4 can be accommodated within the uncommitted Water Treatment Plant Capital Budget (Questica #25-059).

## Conclusion

The emergency measures taken described in report MOWAT25-009 meets all criteria that allow it to be Approved by the Commissioner of Municipal Operations and the report MOWAT25-009 be received for information by Council in accordance with Procurement By-law 24-077.

Submitted by,

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