

OPERATIONAL DUE DILIGENCE AND REGULATORY UPDATE 2021

Presented to
COMMITTEE OF THE WHOLE

Presented by
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Director, Operations, Maintenance and Monitoring

MARCH 3, 2022


York Region

ROAD MAP

PART 1:

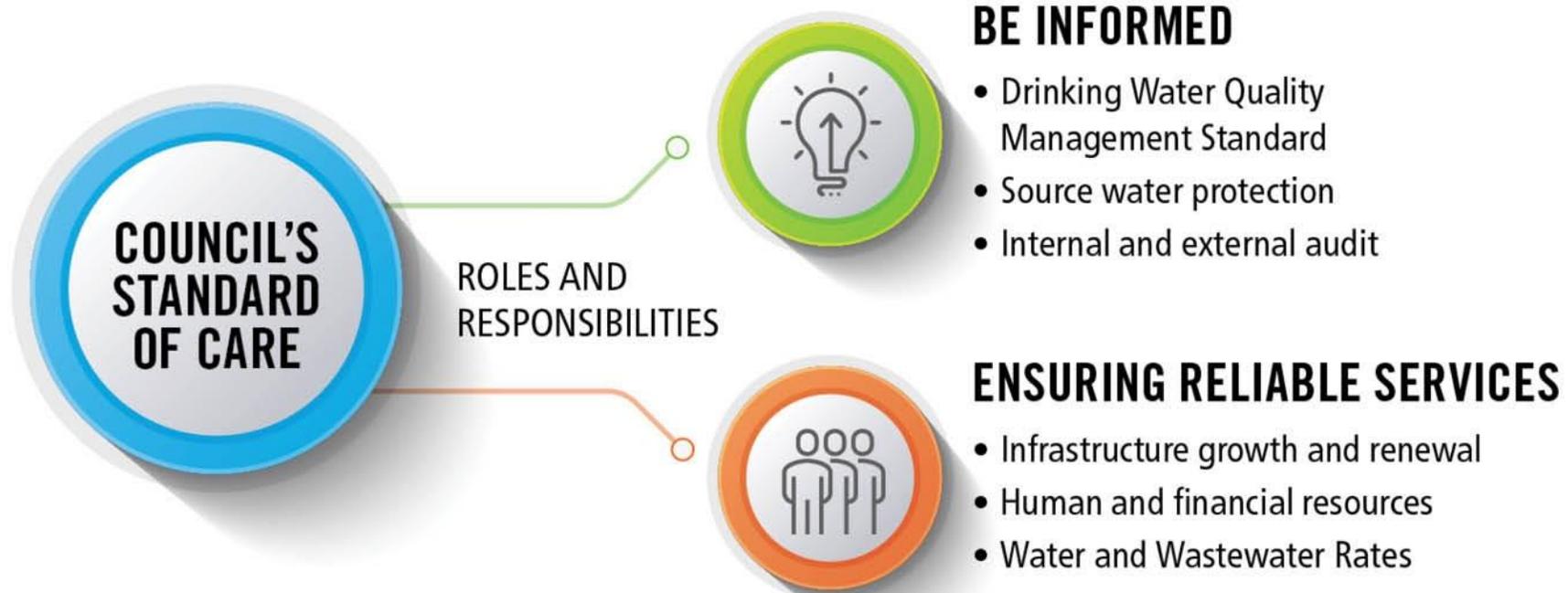
Integrated Management System Update

PART 2:

2021 Operations and Drinking Water
Systems Update



STANDARD OF CARE



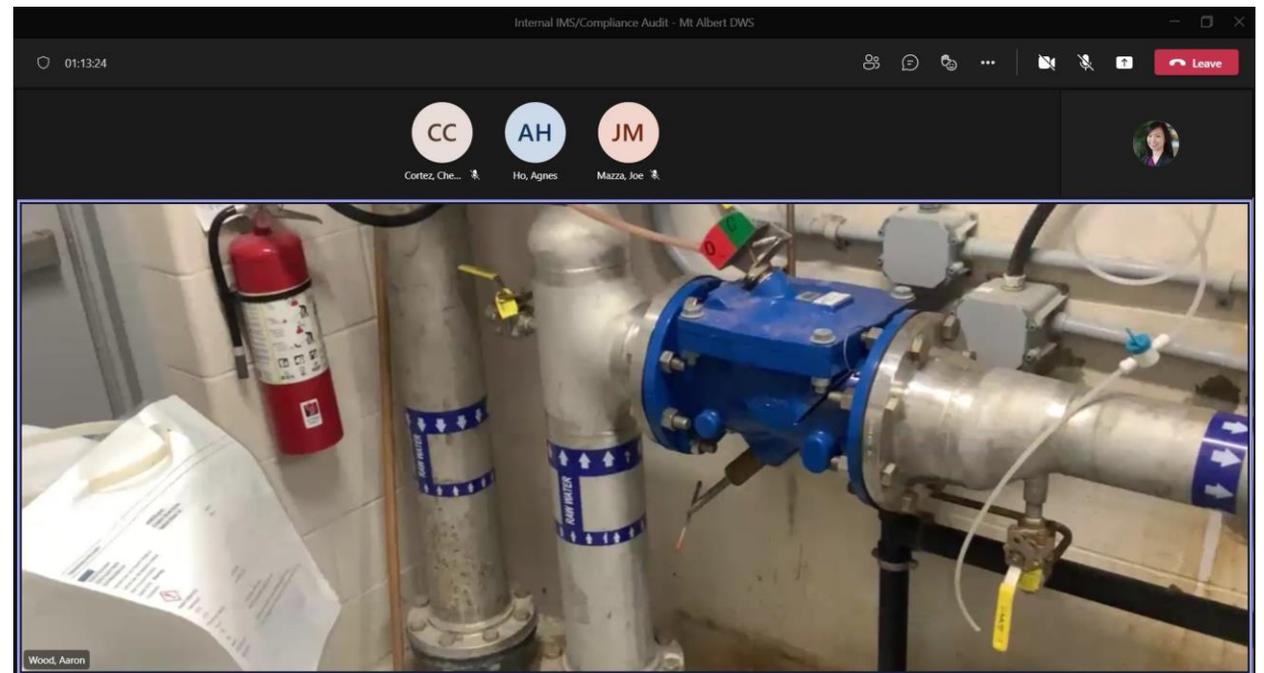
Council has a legal duty to oversee drinking water systems in accordance with a standard of care. Continued support of the IMS helps Council to meet this standard.

AUDITS

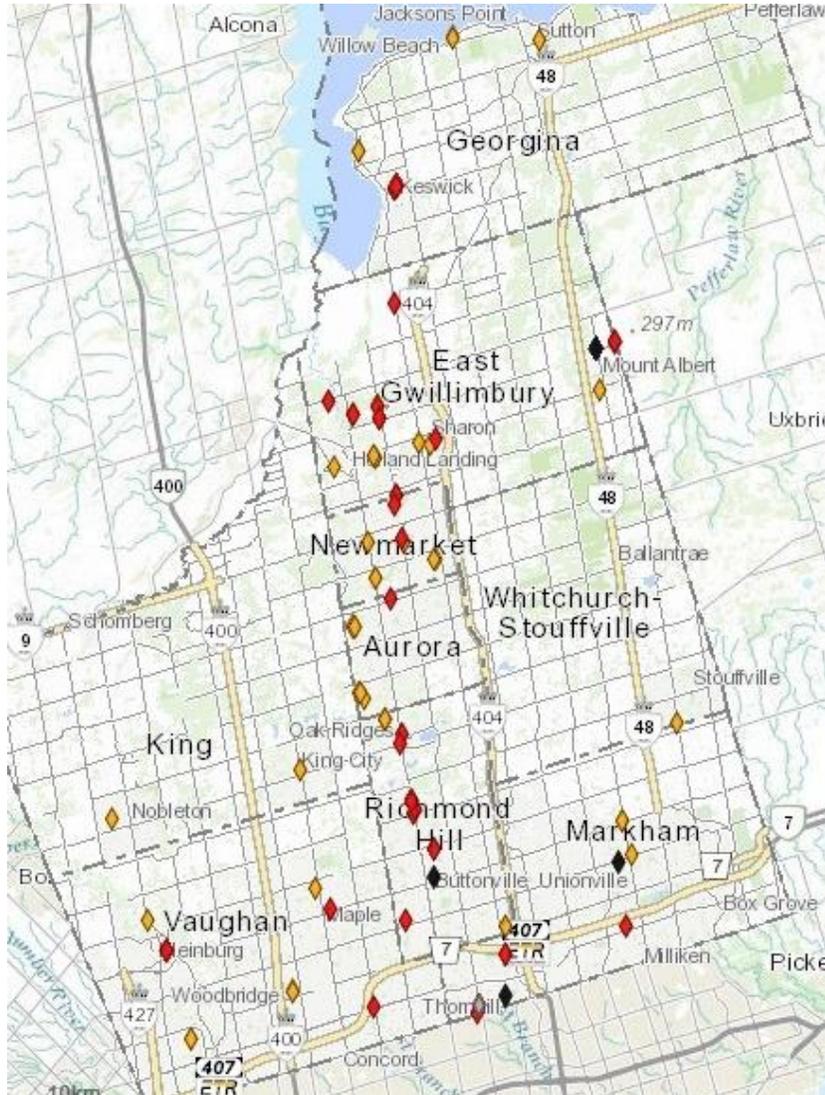
Audit results confirm our management system helps us deliver safe drinking water, manage wastewater and solid waste to protect the environment

55 internal audits
→ 54 findings

3 external audits
→ 1 finding



DATA INSIGHTS AND TRANSPARENCY



Using data to drive deeper insights into operational performance

Visualization tools guide staff when reviewing and analyzing data

Data analysis “cuts through the noise” to help staff zero in on risks and problems

INSPECTION SUMMARIES

1: Ontario Chief Drinking Water Inspector's Annual Report

(April 1, 2020 to March 31, 2021)

2: 2021 Calendar Year Performance



2020/2021 INSPECTION SCORES

CHIEF DRINKING WATER INSPECTOR'S REPORT CONFIRMS YORK REGION'S OPERATIONAL EXCELLENCE

MUNICIPALITY	INSPECTION RATING (%)	WATER QUALITY TESTS MEETING STANDARDS (%)
YORK	100.00	100.00
DURHAM REGION	100.00	99.93
CITY OF TORONTO	100.00	99.89
HALTON REGION	99.68	99.94
PEEL REGION	97.51	99.82
ONTARIO AVERAGE	98.51	99.82

2021 WATER INSPECTION AND TEST SCORES

15

MECP INSPECTIONS
COMPLETED

0

NON-COMPLIANCE
FINDINGS

4

BEST MANAGEMENT
PRACTICES

16,639

LABORATORY ANALYZED RESULTS
RESULTED IN
5 ADVERSE WATER QUALITY EVENTS
[5 Sodium]

40 MILLION

CONTINUOUS MONITORING
ANALYZER READINGS
RESULTED IN
14 ADVERSE WATER QUALITY EVENTS
[8 High Chlorine • 5 High Fluoride •
1 Filter Performance]



WASTEWATER PERFORMANCE HIGHLIGHTS

7,374

LABORATORY ANALYZED RESULTS
RESULTED IN

ZERO

WASTEWATER EFFLUENT EXCEEDANCES



COLLABORATION WITH LOCAL MUNICIPALITIES AND PUBLIC HEALTH



STRONG PARTNERSHIPS ENABLE A MULTI-FACETED APPROACH TO PROBLEM SOLVING

- Coordinating operations with local municipalities for integrated systems that provide safe and uninterrupted water supply
- Working with Public Health to inform decision making and lead industry practices in the pandemic response



O N E W A T E R

