



# OPERATIONAL DUE DILIGENCE AND REGULATORY UPDATE 2022

Presented to  
**YORK REGIONAL COUNCIL**

Presented by  
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Director, Operations, Maintenance and Monitoring

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# ROAD MAP

## PART 1:

Integrated Management System Update

## PART 2:

2022 Operations and Drinking Water Systems Update



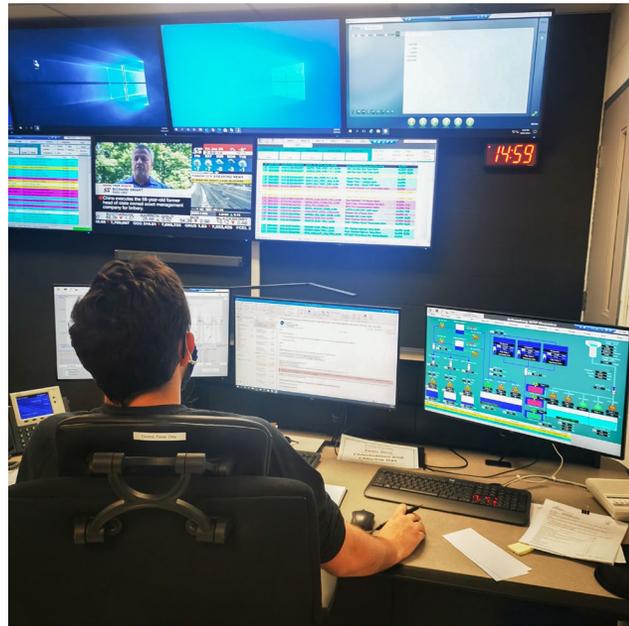
# STANDARD OF CARE



Council has a legal duty to oversee drinking water systems in accordance with a standard of care. Our Integrated Management System supports Council to meet this standard.



# ONE WATER



# 2022 AUDITS

Our management system helps us deliver safe drinking water, manage wastewater and solid waste to protect the environment.

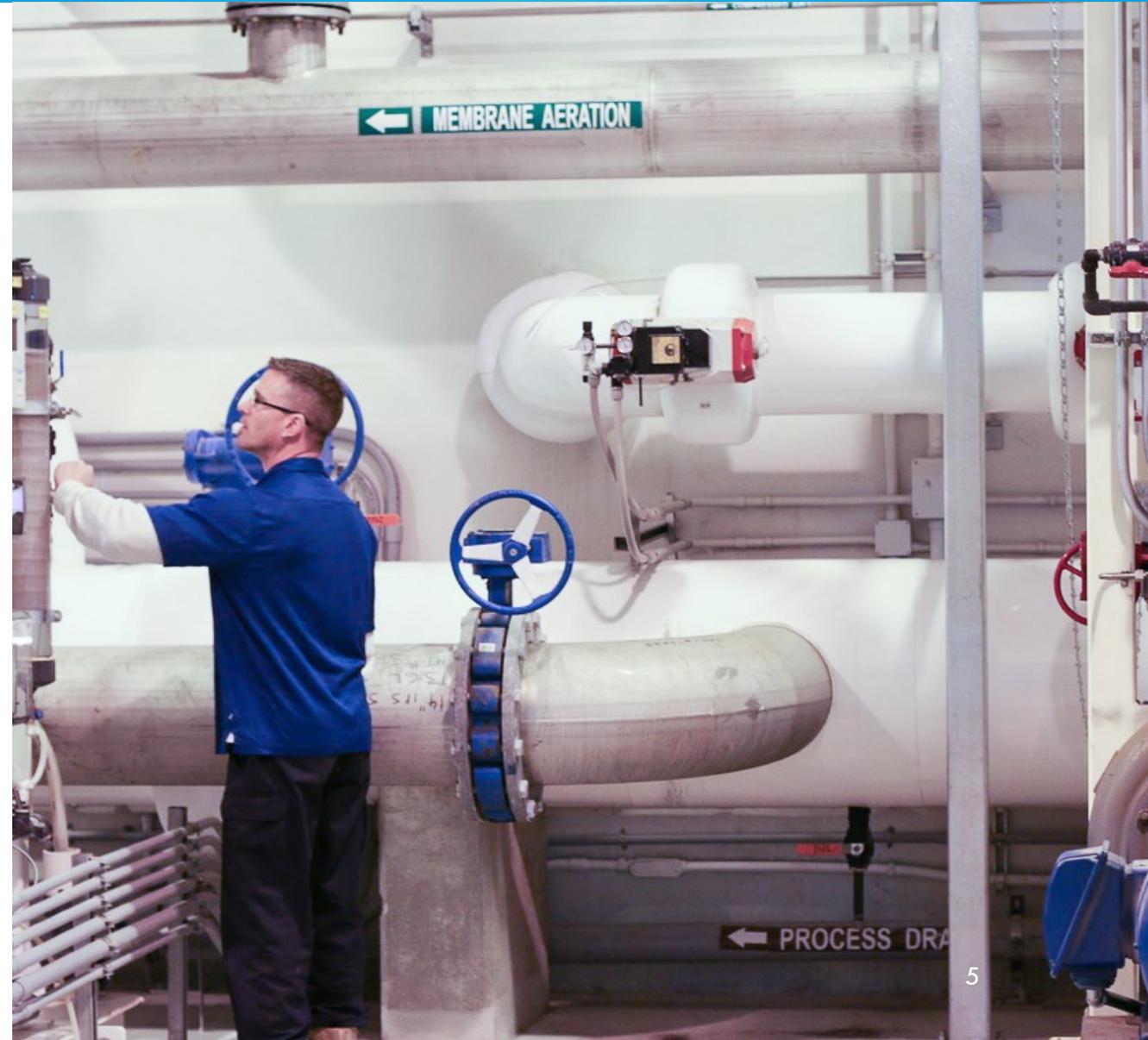
Audit results confirm that our system is robust.

80

**INTERNAL AUDITS**  
— RESULTED IN —  
**80 FINDINGS**

3

**EXTERNAL AUDITS**  
— RESULTED IN —  
**0 FINDINGS**



# COMMITTED TO CONTINUAL IMPROVEMENT



# 7

## ROOT CAUSE ANALYSIS WORKSHOPS

RESULTED IN

### 42 IMPROVEMENT ACTIONS

[ 14 Documentation • 14 Process Improvement •  
9 Training • 3 Asset Tracking and Calibration • 2 Other ]

Operational incidents and processes are regularly reviewed to identify improvements, resulting in strong compliance results and risk mitigation.

# INSPECTION SUMMARIES

**1:** Ontario Chief Drinking  
Water Inspector's Annual Report  
(April 1, 2021 to March 31, 2022)

**2:** 2022 Calendar Year Performance



# PROVINCIAL FISCAL 2021/2022 INSPECTION SCORES

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

MUNICIPALITY	INSPECTION RATING (%)	WATER QUALITY TESTS MEETING STANDARDS (%)
<b>YORK</b>	<b>100.00</b>	<b>100.00</b>
HALTON REGION	100.00	99.94
DURHAM REGION	99.07	99.90
PEEL REGION	98.54	99.97
CITY OF TORONTO	98.50	99.73
<b>ONTARIO AVERAGE</b>	<b>98.88</b>	<b>99.75</b>

# CALENDAR 2022 WATER INSPECTION AND TEST SCORES

22

MINISTRY  
INSPECTIONS  
COMPLETED

1

NON-COMPLIANCE  
FINDING

6

BEST MANAGEMENT  
PRACTICES

17,390

LABORATORY ANALYZED RESULTS

RESULTED IN

3 ADVERSE WATER QUALITY EVENTS

[ 2 Sodium • 1 Microbiological ]

40.5 MILLION

CONTINUOUS MONITORING  
ANALYZER READINGS

RESULTED IN

5 ADVERSE WATER QUALITY EVENTS

[ 2 High Chlorine • 1 Low Chlorine •  
1 Filtration Performance • 1 Other ]



There was no risk to public health from these adverse events

# WASTEWATER PERFORMANCE HIGHLIGHTS



7,338

LABORATORY ANALYZED RESULTS  
RESULTED IN

1

WASTEWATER EFFLUENT LIMIT EXCEEDANCE

# MOVING BEYOND COVID-19



## **STRONG PARTNERSHIPS PROVIDE MORE TOOLS FOR MONITORING COMMUNITY HEALTH**

- Continuing strong collaboration with York Region Public Health, universities and the Province
- Working to advance wastewater surveillance to target other diseases of interest

# THANK YOU

## For more information

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