Water Meter Testing Audit

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- Water meter testing procedures and practices at the Region are in accordance with American Water Works Association standards.

- There is an active preventive maintenance plan in place.

- A large commercial meter will be re-tested annually to confirm the first test result is accurate.

Agenda

- Audit Objective

- Audit Objectives

- Management Action Plan

- Conclusion

- Questions

Audit Objective

To assess whether the Region's current processes in water meter testing adhere to the relevant American Water Works Association standards and industry best practices, specifically at the point of:

- Water meter installation,

- Water meter routine testing, and

- Water meter maintenance.

Findings

- Water meter testing procedures and practices adhere to the AWWA standards
- Water meters are installed properly
- Active preventive maintenance plan in place

Best Practices Observed by Consultants

- Large commercial meters are being tested by experienced and trained staff

- Flush test of small residential meters at installation

- Consistently use meters from the same manufacturer that meet the design requirements of AWWA and specifications for various sizes and types

Re-test Large Meter Annually

- Where location allows and discharge feasible

- With larger quantities of water

- At all 3 rates of flow

- Retest one large commercial meter to confirm the accuracy of the first test result

Conclusion

- Water meter testing procedures and practices at the Region are in accordance with American Water Works Association standards

- There is an active preventive maintenance plan in place

- A large commercial meter will be re-tested to confirm the first test result is accurate

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Thank you
Questions?

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