



CSA Wastewater Management Standard

Regional Public Works Commissioners of Ontario
Duffin Creek WPCP, Pickering, ON, April 2, 2019

Wastewater Management Standard (WWMS)

CSA Group Led Initiative

- Involves the development of a sector-specific management system standard for Ontario's municipal wastewater systems.
- Based on the Drinking Water Quality Management Standard and ISO 14001 (environmental management systems)
- Scope to include municipal operations of sanitary wastewater collection, treatment and disposal systems (stormwater management is not part of the initiative)

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Work to frame and scope the initiative began in December 2018, with support from:

- Water Environment Association of Ontario
(Edgar Tovilla – Chair, Government Affairs Committee)
- Ministry of the Environment, Conservation & Parks
(Aziz Ahmed – Approving Director, SDWA, OWRA, EPA)
(Christopher Manning – DWQMS/Licensing Program Coordinator)

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Why Develop a Standard?

- All municipalities already have management systems experience through the DWQMS
- Many municipalities have already transferred some elements of their DWQMS management system to their wastewater system (e.g., documented procedures, training, financial planning, record keeping, management of essential suppliers, infrastructure maintenance, emergency protocols)
- Some municipalities have voluntarily adopted elements of ISO 14001, achieved full certification under ISO 14001, or their developed their own environmental management system.

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Why is this important?

- There will be opportunities to contribute knowledge and experience to the development of the standard
- This is intended as an industry lead initiative, and the product is intended as a voluntary standard
- There is strong support from the MECP
- It will provide consistency, direction and improvements for anyone that has partially or fully adopted QMS or EMS principles

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This initiative is not intended to:

- Develop a mandatory standard for all municipal systems (like the DWQMS)
- Result in changes to the regulatory or compliance framework, although implementation may provide mechanisms for demonstrating compliance.
- Replace any existing standards

Note: additional mandatory requirements (i.e., regulation) become likely and less necessary when things are working well.

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Next Steps

- CSA is forming an advisory group that will provide guidance and support on development of the WWMS. Members will be thought leaders with significant overall knowledge about management systems and wastewater capabilities / requirements in Ontario.
- CSA will be forming a technical committee to develop the standard. Members will include representatives from industry, government, non-governmental organizations and academia.

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Next Steps

- For more information about the Wastewater Management Initiative, please contact Edgar Tovilla (edgar.tovilla@peelregion.ca), WEAO.
- If you're interested in participating in the technical committee, please contact Jeff Walker (jeff.walker@csagroup.org), CSA Group.
- Note that to maintain a fair balance on the technical committee, not everyone that expresses an interest may be selected to participate.