



Presentation to the Town of Fort Frances Orientation to OCWA

March 25, 2019

Agenda



- Overview of OCWA
- Local Operations Team Working with The Town of Fort Frances
- Agreement Highlights
- Managing Risk – SDWA – Standard of Care

We are the Ontario Clean Water Agency (OCWA)

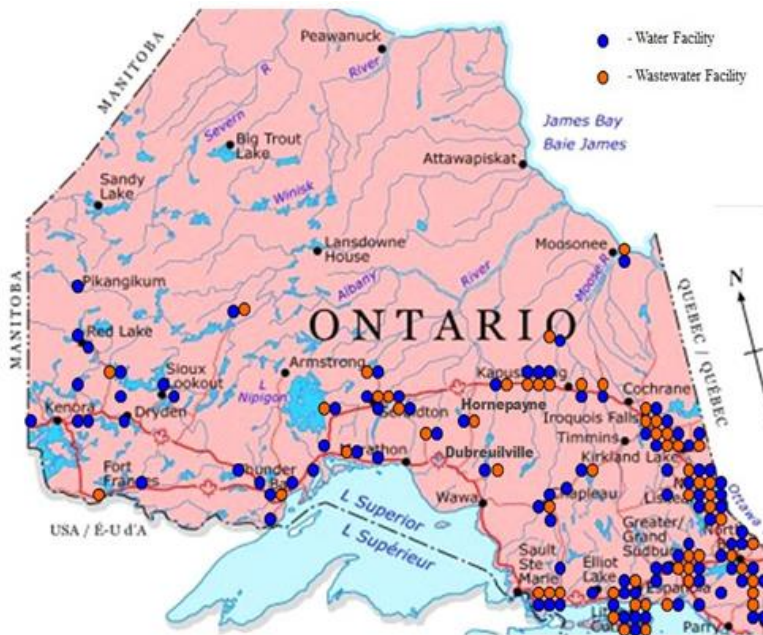
Your trusted partner in providing safe, efficient and sustainable water and wastewater solutions.



What Makes Us Different

- Specializing in Ontario water and wastewater for 25 years
- Unique public shared services model promotes efficiency & cost savings
- Transfer risk from municipality to Crown Agency
- “Total Solutions Provider”: Full range of technical and advisory services to 180+ municipal clients
- Best-in-class compliance and safety record
- Essential services ensure continuous facility operations
- Maximize asset life through asset maintenance program
- Part of your community, we live and work close by

1 in 4 Ontarians Place their Trust in Us



- Hub and spoke network is our structural backbone
- OCWA's five Emergency Response Teams backstop water emergencies across province.
- Manage more than \$15 billion in municipal infrastructure

Your Total Water Solutions Provider

- Operations & Maintenance
- Financial Services
- Capital Planning incl. long term
- Capital Delivery & Project Management
- Asset Planning & Management
- Energy & Process Optimization
- Federal and Provincial Funding Application Assistance
- Turnkey Lift Station Rebuilds
- Conveyance
- Resource Recovery
- Training
- Information Management



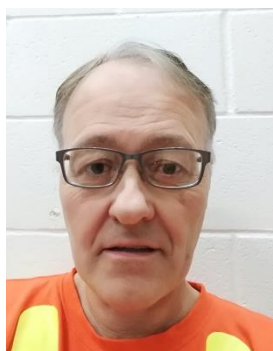
Shared Services Provincially = Cost-Effective Delivery Locally

Sharing services drives efficiencies in:

- Procurement – size matters
- Staffing – we have a team behind your local team
- Expertise – we can share specialty expertise, e.g., energy management experts to help manage costs
- Systems and Tools – sharing costs of support tools and associated best practices saves money and improves operations and maintenance

Working with the Town of Fort Frances

We are pleased to introduce your local operations team.



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Dave
Hoffman
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Fort Frances Wastewater Facilities

- The Waste Water Treatment Plant (Class III) employs an activated sludge process complete with secondary clarification, phosphorus removal and disinfection. The waste activated sludge is treated via a two step aerobic digestion process. Disinfection is achieved via flow through an ultraviolet light radiation process.
- The treatment facility consists of a rotating bar screen with De-watering Rotary press, grit separator, dual aeration basins with 25 and 50 hp kW blowers and 22.4 hp mixing pumps, secondary clarifiers, scum removal, ultraviolet disinfection augmented by sodium hypochlorite feed, flow metering, and two aerobic digesters.
- The treatment facility's alarm, process monitoring and control activities are managed via SCADA technology.

Fort Frances Wastewater Facilities

- Collection system with Six (6) Lift Stations, with the Fifth Street Lift Station receiving sewage from Couchiching First Nation.
- Couchiching First Nations' sewage pumping/lift stations alarm, process monitoring and control activities are communicated, in varying degrees as dictated by the extent of on site instrumentation, to the Fort Frances Wastewater Treatment Plant's SCADA system.

"It's a good feeling to be able to stay close to home. You help people around you go about their daily lives not having to think about the water they drink."



"The best part of my job is knowing that when you leave at the end of the day, the kids who drink your water are safe."

To our people, your water is their water.



"I love making sure that the drinking water is safe for public consumption and that the wastewater is safe in order to protect the natural environment."

OCWA: Part of Your Community

- OCWA believes in sustainable local communities where we live and work
- We consider the social, environmental and economic impact of our activities, both as individuals and as an Agency



Great Canadian Shoreline Cleanup



OCWA's OneWater® Education Program

OCWA as Your Operating Authority

- Comprehensive systems to ensure compliance and protect your infrastructure and environment
- Regular & timely communications
- Effectiveness while providing value for your dollar
- Full technical team behind your local team for support for your water and wastewater systems

Current Agreement Highlights

- Term = January 1, 2019 to December 31, 2023
- Type of Agreement = Fixed Price
- Facilities Included = Wastewater Treatment Plant & Collection System, Water Treatment Provisional Overall Responsible Operator (ORO) when needed
- Major Maintenance
 - recommendations are submitted by September 30th
 - There is an approval process for all major maintenance work
- Communications = **Monthly Operations and Maintenance Activity Reports, Quarterly Public Works Meetings with the Operations & Facility Manager and Environmental Superintendent, Regulatory Report is submitted to MECP Annually in March.**



Complex Regulatory Environment



Managing Risk

“Given that the safety of drinking water is essential for public health, those who discharge the oversight responsibilities of the municipality should be held to a statutory standard of care.”

~ Justice O'Connor, Part 2 Report of the Walkerton Inquiry



SDWA – Statutory Standard of Care

- Last piece of the *Safe Drinking Water Act* (SDWA) – Section 19
- Came into force on January 1, 2013
- Extends legal responsibility to every person who exercises decision-making authority over the system – potentially including but not limited to members of municipal councils
- Imposes a range of penalties
- Requires a level of engagement and awareness (due diligence)

Responsibilities

- Exercise level of care, diligence and skill
- Ask questions
- Receive reports
- Invest in infrastructure as appropriate

*“You are not expected to be an expert in the areas of drinking water treatment and distribution. Section 19 allows for a person to rely in good faith on a report of an **engineer**, lawyer, accountant or **other person whose professional qualifications lend credibility to the report.**”*

~ Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils, MECP



Thank you.

We'd be pleased to answer any questions

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