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## Media Release

### For Immediate Release:

June 28, 2017

### **Tay Township completes Phase 1 upgrades to Victoria Harbour Wastewater Treatment Plant**

**Tay Township ON:** On Wednesday, June 28 at 6 p.m., Tay Township held a ribbon-cutting ceremony to acknowledge the completion of upgrades to the Victoria Harbour Wastewater Treatment Plant.

Construction began in May, 2016 and wrapped up this month, marking the first significant upgrade to the Victoria Harbour Wastewater Treatment Plant since it was originally constructed in 1982.

Phase 1 included construction of a new headworks building, installation of two ultraviolet disinfection units, replacement of a sand filter, and introduction of a new standby power generator. Tay Township is confident the upgrades will lead to improved reliability and overall improvement of plant capacity. "The new headworks building will help reduce costs related to pump and mechanical equipment maintenance, as it removes debris and grit from the incoming wastewater stream," said Peter Dance, Director of Public Works, "The addition of the UV disinfection system will also reduce costs and improve the environment as it eliminates the need to chlorinate the treated effluent flowing into Severn Sound."

In addition to addressing plant operational issues, the \$8.1-million project implemented the necessary infrastructure to support capacity upgrades to meet wastewater treatment demands resulting from future growth in Tay Township. "The introduction of two cloth filters allows the plant to efficiently treat more wastewater, and the new standby power generator ensures the plant can remain operational during power failures," said the Director of Public Works.

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# Fact Sheet: Victoria Harbour Wastewater Treatment Plant Upgrades – Phase 1

## Schedule

- Project initiated in 2008 with Class Environmental Assessment.
- Construction contract awarded in March, 2016.
- Work completed in June, 2017.

## Investment

- Funded by:

Development charges (debt)	2,716,628
User rates	1,306,363
Reserves	4,068,859
Estimated final cost	<u>8,091,851</u>

## Project Scope – Phase 1

- Increased debris and grit interception.
- Replaced final effluent filters.
- Added ultraviolet treatment for treated effluent leaving the plant.
- Added full stand-by power.
- Replaced and upgraded aging equipment.

## Capacity

- Capacity was unaffected by Phase 1 and remains at 2364 m<sup>3</sup>/day.
- Phase 1 put in place the necessary infrastructure to support future capacity upgrades.
- The next phase will see an expansion in capacity.

## Equipment and Buildings

- Added full stand-by power.
- Added two ultraviolet disinfection units – recommended by the Ministry of the Environment and Climate Change.
- Added a new headworks building for debris and grit inception, eliminating ground up debris from entering the channels, process tanks, and clarifier.
- Replaced and upgraded existing filters.

## Consultants and Contractors

- WSP/MMM Group Limited and R.V. Anderson Associates Limited – Project Design and Contract Administration.
- Maple Reinders Constructors Ltd. – General Contractor.