



Water Environment
Association of
Ontario

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Facility Tour

Woodward Avenue Wastewater Treatment Plant

In keeping with the Water Environment Association of Ontario's (WEAO) New Professionals (NP) commitment to continuing education through technical development, the WEAO NP Committee is very excited to offer a facility tour of the Woodward Avenue Wastewater Treatment Plant (WWTP) located in Hamilton, Ontario.

The Woodward Avenue WWTP has a current design capacity of 409,000 m³/d and services a population of 380,000. The Woodward Avenue WWTP employs a large variety of state-of-the-art treatment processes to treat municipal waste, including the following:

- Climbing bar screens and vortex separators for preliminary treatment;
- Aerobic activated sludge for secondary treatment;
- Gaseous chlorine addition for effluent disinfection;
- Waste activated sludge thickening through multi stage anaerobic digestion;
- High speed centrifuges and filter belt presses for biosolids dewatering prior to land application; and,
- Digester gas storage and utilization for fueling the WWTP's generators and buildings heating system.

The WEAO NP Committee has been created to represent those WEAO members with ten (10) years or less experience in the wastewater industry, or less than 35 years of age. Our primary goal is to aid in the technical and professional development of new individuals entering the wastewater treatment industry, as well as encourage participation of New Professionals in WEAO activities.

Please join us for this opportunity of technical development, networking and social interaction on Saturday November 6, 2004 from 9:00AM to 12:00PM. Please RSVP by contacting Dean Whittaker at deanw@kmk.ca no later than Friday October 15, 2004. Tour participants are reminded that they are responsible for supplying their own personal protective equipment (i.e., safety shoes and hard hats). Tour participants who are unable to supply their own hard hat must contact Dean Whittaker to make the appropriate arrangements.

The Woodward Avenue Wastewater Treatment Plant is located at 700 Woodward Avenue in the City of Hamilton (an approximate 40 minute drive south west of Toronto), and is accessed directly off the QEW as indicated on the map below (i.e., Woodward Avenue is the first exit following the Burlington Skyway Bridge if coming from Toronto, and is the final exit before the Bridge if coming from Niagara). There is no charge for this event.

