



CHAPTER TRAINING MEETING

"Solids Handling and the Tonawanda WWTP Centrifuge Project"

By

Mark Koester – Koester & Associates

Patrick O'Donnell – Westfalia Separators

Mark Koester will present an overview of the various technologies and innovations in biosolids dewatering. Patrick O'Donnell will then discuss centrifuge technology in greater detail offering insights into design, selection, operation, and maintenance of today's centrifuges. Patrick will talk specifically about the recent project at the Town of Tonawanda WWTP. The Town installed two centrifuges capable of processing approximately 28 dry tons/day. A demonstration and inspection of the Town's centrifuges will follow the presentations.

The Tonawanda WWTP is a pure oxygen activated sludge plant rated for 30 mgd with peak flows over 75 mgd. Wastewater treatment processes consist of bar screens followed by main sewage influent pumps; grit chambers; Unox pure oxygen activated sludge; solids contact tanks for additional settling; mono-media sand filtration; and final disinfection using gaseous chlorine. Solids processing is achieved by gravity thickening; polymer sludge conditioning; centrifuge dewatering; and multiple hearth incineration.

Date:	August 1, 2007	
Time:	12:00 PM	Lunch and Networking
	1:00 PM	Presentations
	2:00 PM	Demonstration with Questions/Answers
Credits:	1.0 CEU for operators will be available.	
Location:	Tonawanda WWTP 779 Two Mile Creek Rd. Tonawanda, NY 14150	
Entrée:	Pizza, Wings, and Soda Pop	
Registration:	Free for NYWEA Members and Young Professionals \$10 Non Members Please call Terry Davis at 691-8503 (Stearns & Wheler, LLC) by July 27th to make your reservation. Submit checks made payable to WNYWEA at the door. <i>Limited to the first 35 people that register due to room size constraints</i>	