Course Title	Anaerobic Co-digestion of High Strength Wastes at the Rock Creek Water Resources Recovery Facility
OESAC #	
DEQ WW CEUs	0.1
Summary of Lesson Content	Lesson will define high strength wastes based on source and characteristics. The lessons learned from co-digestion with FOG at the Durham Water Resources Recovery Facility will be presented, which have informed the selection criteria for other co-digestion feedstocks at the Rock Creek Facility. The selection process will be described, which is multidisciplinary and includes, business relationships, operational performance and facility infrastructure evaluation, laboratory analyses and bench-scale tests to determine biogas potential and suitability for anaerobic digestion.
Training Goal	Attendee will learn about the systematic evaluation of high strength wastes for anaerobic co-digestion. The lesson will highlight: (1) the importance of makind data driven decisions to maximize the use of digesters without risk and burden to operations, (2) the benefits of creating mutually beneficial relationships with industries in the community, which are both economical and environmental.

Subject	Outline	Start Time	End Time
Co-digestion Program	Goals Definition of high strength wastes Relationships with industries and benefits	11:00	11:15
Experiences with FOG at Durham WRRF	Historical performance Innovations and challenges	11:15	11:25
High Strength Wastes at Rock Creek WRRF	Evaluation Process Structure Laboratory testing results Biogas potential from bench scale test Pilot testing Selection status	11:25	11:50
Q&A		11:50	12:00

Instructors	Title	Employer
Ornella Sosa Hernandez	Operations Analyst I	Clean Water Services
Kevin Wegener	Operations Analyst II	Clean Water Services