

NACWA Energy Workgroup

Tuesday, September 26, 2017

Energy Workgroup Co-Chairs:

Nick Menninga

General Manager

Downers Grove Sanitary District

Downers Grove, IL

David Duest

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Massachusetts Water Resources Authority

Winthrop, MA

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Cynthia Finley

Director, Regulatory Affairs

Oliver Hamilton

Manager, Government Affairs

Email Oliver at ohamilton@nacwa.org to join the Energy Workgroup – all NACWA members are welcome!

Agenda:

- 3:00 Welcome & Introductions
- 3:05 Narragansett Bay Commission Energy Programs
 - *Tom Uva, Director of Environmental Science & Compliance Division*
- 3:30 Roundtable Discussion
- 3:45 Renewable Fuel Standard Program Discussion
- 3:55 NACWA Events & Announcements
- 4:00 Adjourn

Please remember to mute your phone when not speaking and do not put your phone on hold.

Renewable Fuel Standard (RFS) Program

- RFS program offers incentives for production of renewable transportation fuels to reduce greenhouse gas emissions and reduce reliance on imported oil
- Four fuel categories eligible for Renewable Identification Numbers (RINs):
 - Biomass-Based Diesel
 - Cellulosic Biofuel
 - Advanced Biofuel
 - Total Renewable Fuel
- Wastewater-derived fuel classified as Cellulosic Biofuel in 2014

Co-Digestion in RFS Program

- Food waste is an abundant resource:
 - 37.1 tons of residential & commercial food waste generated in 2013
 - Approximately 15% of municipal solid waste is food waste
 - Only 5% of food waste is currently diverted to recovery (compost or anaerobic digestion)
- Diversion of food waste disposal from landfills is a requirement in five states and several cities
- Fuel derived from food waste is classified as Advanced Biofuel
- Co-digesting biosolids and food waste results in combination of Cellulosic Biofuel and Advanced Biofuel

NACWA Advocacy on RFS

- NACWA, CASA, WEF, WE&RF, and WRF met with EPA in July to discuss co-digestion
- August 31 comment letter on 2018 proposed RFS targets
 - Market stability needed to encourage POTW investment in renewable fuel production
 - POTWs need additional planning and implementation time to contribute to Cellulosic Biofuel production
 - Example: East Bay MUD alone could produce 5% of the proposed volume requirement for Cellulosic Biofuel