WEF Residuals & Biosolids Committee
Bioenergy Technology Subcommittee

Biofuels Task Force

2011 Residuals & Biosolids Specialty Conference
Sacramento Convention Center
Sacramento, CA
Tuesday, May 24, 2011
Room 317-318
4:30-5:30 pm

Nate Turner, Chair
Fernando Sarmiento, Vice-Chair

AGENDA

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1. Introduction:
   The Biofuels Technology Task Force was formed to help shape and inform the wastewater industry of the growing trend in recovering resources from wastewater streams in the form of Biofuels. Biofuels are defined as substances/products created from existing wastewater streams that can be sold to entities outside of the wastewater industry for use as an energy source. These products are generally viewed as a saleable or fungible commodity.

2. State of the Industry Report
   a. Task Force/Peer Review: Still Under Review
   b. Presentation in Sacramento
   c. WEFTEC 2011 Workshop- NOT ACCEPTED

3. Draft Technical Practices Update: Delayed by Review of State of Industry Report
   a. Reschedule Deliverable/Draft
   b. Establish Working Groups/ Peer Reviewers

4. Establish Task Force Mission Statement, Goals & Vision
   a. Subgroup

5. Membership
   a. Interact with other WEF committees/ task forces
   b. Establish Champions

6. Adjourn

WEF Residuals & Biosolids Committee
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Biofuels Task Force

WEFTEC 2010
October 5, 2010
8:30 – 10:00 am

Nate Turner, Chair
Fernando Sarmiento, Vice-Chair

Meeting Minutes

Attendees:

Bob Gillette (Carollo Engineers)	Kevin Hardy (Encina WWA)
Barry Liner (WEF)	Nate Turner (BlackGold Biofuels)
Mark Meckes (EPA)	Lauren Henretty (WEF)
Fernando Sarmiento (Greeley & Hansen)	Patrick Wootton (GE Power & Water)
Geoff Baldwin (CDM)	Sam Hadeed (WEF)
Lee Lundberg (Veolia NA)	Ria Varghese (BlackGold Biofuels)
Emily Landsburg (BlackGold Biofuels)	Caroline Hemenway (WERF, Hemenway Inc.)

1. State of the Industry Report
   a. The first draft of the State of the Industry Report is open for internal Task Force and select peer review.
   b. Interested Peer Reviewers should contact Nate Turner
   c. Special Thanks to Fernando Sarmiento, Dustin Craig and Chris Wilson for their great work in developing the draft report.

2. Technical Practices Update (TPU)
   a. Task Force agreed to develop a series of TPU's for the three Biofuels included in the State of the Industry Report (Dried Wastewater Solids, Biogas/Biomethane and Biodiesel).
   b. A draft of each TPU will be submitted for review at the Bioenergy Subcommittee meeting at RSD Specialty Conference 2011 in Sacramento.

c. Those interested in supporting TPU development should contact respective Champions
d. TPU Champions
    i. Dried Wastewater Solids – Fernando Sarmiento & Chris Wilson (fsarmiento@greeley-hansen.com)
    ii. Biogas/Biomethane – Dustin Craig (craigdl@cdm.com)
    iii. Biodiesel – Nate Turner (turner@blackgoldbiofuels.com)

3. Biofuels Workshop Proposal
    a. Task Force decided to submit a proposal for a Technical Session instead of a Workshop Proposal for WEFTEC 2011 (due on December 2nd, 2010)
        i. Full 3-hour session suggested
        ii. First half will be 3- 30 minute presentations, one on each biofuel
        iii. Second half will be panel discussion on the state of biofuels in wastewater
    b. Those interested in participating in Technical Session should contact Geoff Baldwin
    c. Proposal Champion - Geoff Baldwin (baldwingg@cdm.com)

4. Establish Task Force Mission Statement, Goals, Vision
    a. This was requested by WEF leadership
    b. Draft to be developed by Nate Turner & Fernando Sarmiento

5. Membership Drive
    a. One of the main goals of the Biofuels Task Force is to help bridge the gap between the wastewater industry and those external energy industries that are looking to buy wastewater derived biofuels.
    b. Task Force decided to delay this activity until completion of TPUs

6. Action Items (prior to next meeting):
    a. State of the Industry Report – peer review
    b. Proposal for Technical Session WEFTEC 2011
    c. TPU development

7. Next Meeting:
    a. RSD 2011, Sacramento, CA