

Alternative Technology Advisory Subcommittee  
Los Angeles County Solid Waste Management Committee/  
Integrated Waste Management Task Force

**Minutes of July 21, 2016 Meeting**

County of Los Angeles Department of Public Works  
Conference Room B  
900 South Fremont Avenue  
Alhambra, CA

SUBCOMMITTEE MEMBERS PRESENT:

Jacques Franco, UC Davis Policy Institute for Energy, Environment and the Economy\*  
Timothy Hall, California Department of Resources Recycling and Recovery (CalRecycle)\*  
Wayde Hunter, North Valley Coalition  
John Kaddis, County of Los Angeles Department of Public Health  
Mark McDannel, Sanitation Districts of Los Angeles County  
Mike Mohajer, Los Angeles County Integrated Waste Management Task Force  
Coby Skye, County of Los Angeles Department of Public Works  
Jeff Yann, Hacienda Heights Improvement Association

SUBCOMMITTEE MEMBERS REPRESENTED BY OTHERS:

Jim Stewart, for Kay Martin, Bioenergy Producers Association

SUBCOMMITTEE MEMBERS NOT PRESENT:

Alex Helou, City of Los Angeles  
Ron Kent, Southern California Gas Company  
Rob Sherman, Republic Services, Inc.  
Eugene Tseng, University of California, Los Angeles, Solid Waste Program

OTHERS PRESENT:

Clark Ajwani, County of Los Angeles Department of Public Works  
Caren Alvarez, County of Los Angeles Department of Public Works  
Mackenzie Domann, County of Los Angeles Department of Public Works  
Patrick Holland, County of Los Angeles Department of Public Works  
Jason W. Jones, County of Los Angeles Department of Public Works  
Saeid Shirzadegan, County of Los Angeles Department of Public Works  
Kawsar Vazifdar, County of Los Angeles Department of Public Works  
Greg Akers, Janicki Bioenergy, LLC  
Tom Blank, Waste Management, Inc.  
Shawn Grow, Janicki Bioenergy, LLC  
Krishna Nand, Environmental Management Professionals, LLC

\*Designates participants over the telephone

**I. CALL TO ORDER**

The meeting was called to order at 10:05 a.m.

**II. APPROVAL OF THE APRIL 21, 2016 SUBCOMMITTEE MEETING MINUTES**

A motion to approve the Minutes of the April 21, 2016, Meeting was made by Mr. Mike Mohajer and seconded by Mr. Wayde Hunter, and it passed unanimously.

**III. APPROVAL OF THE MAY 19, 2016 SUBCOMMITTEE MEETING MINUTES**

A motion to approve the Minutes of the May 19, 2016, Meeting was made by Mr. Mike Mohajer and seconded by Mr. Mark McDannel, and it passed unanimously.

**IV. PRESENTATION FROM SHAWN GROW OF JANICKI BIOENERGY, LLC, ON THEIR TECHNOLOGY TOPROCESS BIOSOLIDS AND OTHER WASTE**

Mr. Greg Akers from Janicki Bioenergy, LLC (Janicki), provided a [PowerPoint presentation](#) on the company's sanitation and water treatment system. The system dries and combusts biosolids into renewable energy, with clean potable water and some ash material as byproducts. The system is designed for remote locations, and could process other waste as well.

The company currently operates two pilot machines, in Washington State and Dakar, Senegal, each operating around 40 wet tons per day. Janicki is looking to construct larger-scale systems at major Waste Water Treatment Plants in the United States for which they would cover the costs of construction and operation via the financial backing of Bill Gates. They recently received a letter of intent from the City of Cincinnati, Ohio, to process all of the City's biosolids.

**V. DISCUSSION ON COUNTY CONVERSION TECHNOLOGY CONFERENCE**

Ms. Mackenzie Domann provided an update to the Subcommittee on the status of the upcoming Conversion Technology Conference to be held on Friday, July 29, 2016, at Public Works Headquarters in Alhambra. Each of the event's speakers has been confirmed, as well as 10 sponsors and over 150 registered attendees thus far. Ms. Domann also informed the Subcommittee that staff will be inviting conference attendees to attend a tour of the County Sanitation Districts' (CSD) Joint Water Pollution Control Plant (JWPCP) the day prior to the conference.

Mr. Skye thanked participating members of the Subcommittee for their contributions to the conference's planning, including presentations and outreach awareness.

## **VI. UPDATE ON CONVERSION TECHNOLOGY EVENTS/MEETING/OUTREACH ACTIVITIES**

Mr. Skye informed the Subcommittee of following upcoming events where Public Works' staff will be speaking or attending:

- California Resource Recovery Association (CRRA) 39<sup>th</sup> Annual Conference, Sacramento, CA, August 7-10, 2016
- Waste Conversion Technology Conference & Trade Show, San Diego, CA, August 15-17, 2016
- WasteCon 2016, Indianapolis, IN, August 22-25, 2016
- Resource Recycling Conference, New Orleans, LA, August 30 – September 1, 2016

## **VII. RECAP ON CONVERSION TECHNOLOGY DEVELOPMENT**

Ms. Mackenzie Domann provided the Subcommittee with an update on the status of the potential anaerobic digestion (AD) project at the Pitchess Detention Center. The County's conversion technology contractor, Alternative Resources, Inc., is continuing to develop the project's draft Request for Qualifications and Proposals (RFQP) and recently updated the potential site options descriptions.

ARI is also currently monitoring two funding solicitations from the California Energy Commission by participating in pre-application workshops. One project is a Community Scale and Commercial Scale Advanced Biofuels Production Facilities, which includes a two-tiered application process, with pre-application abstracts due in August and full applications due October for eligible projects following abstract scoring. The second project is Community Scale and Commercial Scale Advanced Biofuels EPIC Bioenergy Solicitation for Development, Demonstration, and Deployment of Environmentally Sustainable Biomass-to-Energy Systems for the Forest and Food Waste Sectors. This is a two-tiered application process, with abstracts for Phases 1 and 2 due in August and December of this year, respectively, for eligible projects following abstract scoring.

Mr. Mark McDannel informed the Subcommittee of the status of the food waste program at the JWPCP, operated by the CSD. CSD recently entered into a contract agreement with Insinkerator, Inc. Under the agreement, Insinkerator will install industrial sized garbage disposals at grocery stores and food processors for pre-processing of 10-20 tons per week of food waste. Unlike traditional garbage disposal units that send material down the sewer lines, the slurry created will be captured onsite and trucked to JWPCP. Mr. Skye added that this approach could provide affected groups (businesses, waste haulers, and jurisdictions) constructive direction on AB 1826 compliance. CSD has analyzed their plant capacity to potentially process 560 tons per day of food waste.

Mr. Tom Blank of Waste Management, Inc., informed the Subcommittee that the proposed composting and AD project at the Lancaster Landfill is currently on hold, pending contract negotiations with the City of Los Angeles regarding the awarding of zones for the City's exclusive commercial franchise. The awarding of the zones would help Waste Management determine the nature and quantity of the materials accepted for the proposed project.

#### **VIII. PUBLIC COMMENT**

There was no public comment.

#### **IX. ADJOURNMENT**

The meeting adjourned at 10:45 a.m.