

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

**Minutes of March 17, 2016, Meeting**

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

SUBCOMMITTEE MEMBERS PRESENT:

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

Rob Sherman, Republic Services, Inc.

Coby Skye, County of Los Angeles Department of Public Works

SUBCOMMITTEE MEMBERS REPRESENTED BY OTHERS:

Jim Stewart for Kay Martin, BioEnergy Producers Association

SUBCOMMITTEE MEMBERS NOT PRESENT:

Jacques Franco, UC Davis Policy Institute for Energy, Environment and the Economy

Alex Helou, City of Los Angeles Sanitation Bureau

Ron Kent, Southern California Gas Company

Eugene Tseng, University of California, Los Angeles, Solid Waste Program

Jeff Yann, Hacienda Heights Improvement Association

OTHERS PRESENT:

Clark Ajwani, 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

Kawsar Vazifdar, County of Los Angeles Department of Public Works

Joe Vitti, Sunshine Canyon Landfill – Community Advisory Committee

Jim Ambroso, Anaergia Services, LLC

Traacey Anthony, Alternative Resources, Inc.

Linda Kahl, CBC Steel

Bill Roberson, CBC Steel

Robert Masseth, Met West Construction, Inc.

Henry Hovakimian, Compo Energy, Inc.

\*Designates participants over the telephone

## **I. CALL TO ORDER**

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

## **II. APPROVAL OF FEBRUARY 18, 2016, MEETING MINUTES**

A motion to approve the Minutes of the February 18, 2016, Meeting was made by Mr. Mike Mohajer and seconded by Mr. Mark McDannel, and it passed unanimously.

## **III. PRESENTATION BY JIM AMBROSO OF ANAERGIA ON ORGANICS EXTRACTION AND INTEGRATED ORGANICS MANAGEMENT**

Mr. Jim Ambroso, Sr. Vice President for Anaergia, provided a [PowerPoint presentation](#) on their organic waste separation technology and the incorporation into an integrated organic waste management solution with an emphasis on food waste. The organics extrusion technology compresses mixed solid waste through a highly pressurized chamber while pushing the organic material through so that it is separated from the non-organic material. The company has also developed a technology called an Omnivore that can increase the processing capacity of existing waste water treatment plant's digesters so that they can co-digest food waste.

## **IV. PRESENTATION FROM HENRY HOVAKIMIAN OF COMPO ENERGY, INC., ON COMPO WASTE HEAT TO ENERGY**

Mr. Henry Hovakimian, Director of Operations for Waste to Energy Projects at Compo Energy, Inc., provided a [PowerPoint Presentation](#) on converting compost generated heat into energy. The company's technology extracts the heat from a compost operation and funnels it upward through a large updraft tower into rotating turbines that generate energy. The University of Cal Poly Pomona developed a prototype and conducted research for Compo Energy, Inc. confirming the feasibility and amount of potential energy generated.

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

Mr. Coby Skye updated the Subcommittee on the status of the County sponsored Conversion Technology (CT) Conference. He informed the Subcommittee of efforts to establish a date for the conference, possibly in June 2016. Staff is currently working to confirm the conference's keynote speaker(s).

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

Mr. McDannel reported to the Subcommittee of an upcoming television profile of the Joint Water Pollution Control Plant co-digestion project to be aired on the KCET network in April near Earth Day. Mr. McDannel commented he would confirm the air date prior to its airing.

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

Ms. Tracey Anthony of Alternative Resources (ARI), Inc., provided the Subcommittee with an update on the current status of planning and coordination of the CT Conference. Currently, ARI continues to assist Public Works with the planning and coordination for the CT conference, including preparation of draft invitation letters to potential keynote speakers.

For the potential anaerobic digestion (AD) project at the Pitchess Detention Center, ARI recently conducted a site walkover and review meeting with DPW and Sherriff's Department staff on March 2nd, and circulated a revised draft Request for Qualifications and Proposals (RFQP) to the project team. Based on the site walkover and discussions, ARI is structuring the RFQP to allow for project development at one of two locations at the proposed site with plans to request proposals for both public and private financing options. ARI is also exploring potential grant and funding opportunities, such as the CalRecycle Organics Grant Program and Greenhouse Gas Reduction Loan Program, both of which fall under the Greenhouse Gas Reduction Fund.

Ms. Anthony informed the Subcommittee that ARI recently assisted Public Works staff in compiling information on CTs for an article soon to be published on the environmental health perspectives of the technologies. Mr. Skye commented he would inform the Subcommittee once the article has been released.

Ms. Anthony informed the Subcommittee that ARI has also compiled a short list of representative, operating thermal CT projects processing municipal solid waste.

## **VIII. PUBLIC COMMENT**

Mr. Mohajer informed the Subcommittee of the upcoming Southern California Waste Management Forum Spring Conference on March 23, 2016, at the Sempra Energy Center in Downey. The conference will host a panel discussion centering on the feasibility of achieving the 75 percent recycling goal by 2020.

Mr. Skye reported the next Subcommittee Meeting is tentatively scheduled for April 21, 2016.

## **IX. ADJOURNMENT**

The meeting adjourned at 10:59 a.m.