

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

**Minutes of May 19, 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  
Jacques Franco, UC Davis Policy Institute for Energy, Environment and  
the Economy\*  
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  
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  
Eugene Tseng, University of California, Los Angeles, Solid Waste Program

OTHERS PRESENT:

Traacey Anthony, Alternative Resources, Inc.  
Joe Vitti, Sunshine Canyon Landfill – Community Advisory Committee  
Clark Ajwani, County of Los Angeles Department of Public Works  
Russell Bukoff, County of Los Angeles Department of Public Works  
Jason W. Jones, County of Los Angeles Department of Public Works  
Jalaine Madrid, County of Los Angeles Department of Public Works  
Chris Shepherd, County of Los Angeles Department of Public Works

\*Designates participants over the telephone

## **I. CALL TO ORDER**

The meeting was called to order at 10:04 a.m.

## **II. APPROVAL OF APRIL 21, 2016, MEETING MINUTES**

A motion to approve the minutes of the April 21, 2016, Subcommittee meeting was made by Mr. Mike Mohajer and seconded by Mr. Jim Stewart. Approval of the Minutes was postponed pending clarification to the following sections under Item III:

- Revise the third and fourth sentences in the second paragraph (page 2) to read as follows:
  - “Mr. Mohajer highlighted the principal objective of AB 341 (Chesbro, 2011) as being to substantially reduce the volume of material disposed at landfills or incineration facilities through means of source reduction, recycling, and/or composting. He added that the definition of source reduction under the law has not been fully defined as of yet, and is unclear of its role in its eligibility for achieving AB 1826 compliance which requires 50% reduction in the amount of organic waste from disposal by 2020 as compared to 2014, and EnviroPure’s application could possibly comply with requirements outlined in AB 341 and AB 1826.”
- Revise the first sentence in the fourth paragraph (page 3) to read as follows:
  - “Discussion returned to the subject of source reduction with Mr. Hall providing further clarification as to its definition under Public Resources Code (PRC) §40196, citing that source reduction does not include steps taken after the material becomes solid waste.”
- Insert the following statement as the third sentence in the fourth paragraph (page 3) to read as follows:
  - “PRC §40196 also states that source reduction does not include actions which would impact air or water resources.”

- Revise the fourth sentence in the fourth paragraph (page 3) to read as follows:
  - “He added that while AB 1826 does permit businesses to receive diversion credit for recycling their own organic waste onsite, he questioned whether material liquefied to greywater would qualify as onsite recycling credit, or as source reduced reduction.”

### **III. PRESENTATION FROM ANDREW KERATZIDES OF SUSTAINABLE ALTERNATIVE FEED ENTERPRISES (SAFE) INC., ON REDUCING THE CARBON FOOTPRINT AND NEGATIVE ENVIRONMENTAL IMPACTS FROM FOOD WASTE**

Mr. Andrew Keratzides, Vice-President of Business Development for Alternative Feed Enterprises, Inc. (SAFE), provided a [PowerPoint presentation](#) on the company’s technology food waste to animal feed technology. The company’s technology manages organic waste including collection, processing, and creating animal feed. The company’s technology collects residential material using retrofitted waste hauling trucks equipped with dual compartments each designed to separately carry both msw and organic material. The truck contains a “screw press” that opens bags and separates large contaminants from the organic material before being compressed and grinded into a liquid mash. The material is then transported to a dehydrator and sterilization chamber to be converted into animal feed.

Mr. Keratzides informed the Subcommittee the company currently operates out of Santa Clara County and would like to propose a plan for operating in Los Angeles County.

Mr. Mohajer expressed concern over whether SAFE’s technology would require an additional truck to provide its collection services in the County, as an additional truck would result in additional greenhouse gas (GHG) emissions. Mr. Keratzides informed the Subcommittee that while in some instances an additional truck would be required to collect msw and second would to collect the food waste, the company’s preferred method of collection would be the use of retrofitted dual compartment trucks.

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

Ms. Traecey Anthony of Alternative Resources, Inc. (ARI) provided an update on the County's conversion technology project development. Ms. Anthony reported that ARI continues to assist with planning and coordination for the County sponsored Conversion Technology (CT) Conference. In May, ARI formally executed a subcontract with Innovate Marketing Group, Inc., to provide assistance with conference planning and logistical coordination. The Conference date has been finalized as July 29, 2016, and will be hosted at the Public Works Headquarters Building.

Currently, staff is finalizing the Conference Agenda while researching prospective speakers and sponsors. Ms. Anthony informed the Subcommittee that the Conference's tentative keynote speaker is State Senator Ricardo Lara. Additional information will be made available to the subcommittee as plans are finalized.

Mr. Coby Skye thanked the Subcommittee for the contributions to the Conference's planning. He informed the Subcommittee that some sponsors have committed to contributions and encouraged the Subcommittee to extend to anyone with an interest in participating in the conference as an attendee or as a speaker to contact staff. He commented that further details on the Conference would be provided at next month's Meeting and that staff would be disseminating additional updates through the County's monthly E-Notify Newsletter as they become available. He added that the Conference will remain staff's primary focus.

**V. UPDATE ON CONVERSION TECHNOLOGY EVENTS/MEETING/OUTREACH ACTIVITIES**

Mr. Clark Ajwani provided the Subcommittee with an update on the planning of a tour of a food waste to animal feed facility in Ontario. The facility is operated by ReGreen Technologies, Inc., which previously presented to the Subcommittee. The Subcommittee provided their tentative availability, and staff will begin a coordinating a date for the tour soon.

Mr. Skye provided the Subcommittee with a follow up on his recent presentation at the Air and Waste Management Association (A&WMA) West Coast Luncheon Speakers Series at the South Coast Air Quality Management District Headquarters in Diamond Bar. A&WMA is a co-sponsor of the upcoming CT Conference.

Mr. Mark McDannel informed the Subcommittee of the recent television segment featuring the food waste recycling program at the Joint Water Pollution Control Plant (JWPCP) on KCET's SoCal Connected. He stated he would provide the information on where the Subcommittee could view the program.

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

Mr. Skye provided an update on the County's conversion technology project development. He informed the Subcommittee that staff recently met with the County Sheriff's Department regarding the potential anaerobic digestion project at the Pitchess Detention Center and information will soon be presented to the County CEO for approval to release a Request for Proposals.

Mr. Skye commented that staff would coordinate another tour of the anaerobic digestion project operated by CR&R in Perris once the project is operational. He also reported that the Cities of Glendale, Burbank, and Pasadena, have each expressed to staff in an interest in collaborating on organics management opportunities.

Mr. McDannel updated the Subcommittee that the Sanitation Districts are working on a plan to increase the food waste co-digestion capacity up to 550 tons per day at their Carson facility.

#### **VII. PUBLIC COMMENT**

There was no public comment.

#### **VIII. ADJOURNMENT**

The meeting adjourned at 11:00 a.m.