

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

Minutes for April 19, 2018 Meeting

County of Los Angeles
Department of Public Works
Alhambra Room
900 South Fremont Avenue
Alhambra, California

SUBCOMMITTEE MEMBERS PRESENT:

Mark McDaniel, Los Angeles County Sanitation District
John Kaddis, Los Angeles County Department of Public Health
Ben Lucha, City of Palmdale Department of Public Works
Mike Mohajer, Los Angeles County Integrated Waste Management Task Force
Patrick Holland, Los Angeles County Department of Public Works
Tim Hall, California Department of Resources Recycling and Recovery (CalRecycle)*
Chris Coyle, Republic Services

SUBCOMMITTEE MEMBERS NOT PRESENT:

Wayde Hunter, North Valley Coalition
Tom Blank, Waste Management
Kay Martin, Bioenergy Producers Association
Jacques Franco, UC Davis Policy Institute for Energy, Environment and the Economy
Alex Helou, City of Los Angeles
Ron Kent, Southern California Gas Company
Eugene Tseng, UCLA Solid Waste Program

OTHERS PRESENT:

Tracey Anthony, Alternative Resources Inc. (ARI)*
Troy Weber, California Department of Resources Recycling and Recovery (CalRecycle)*
Daryl Leazier, Arizona Engineered Fuel
Marco Gomez-Barrios, Arizona Engineered Fuel
Gary Rogers, Arizona Engineered Fuel
Kawsar Vazifdar, Los Angeles County Department of Public Works
Lance Cervantes, Los Angeles County Department of Public Works
Carol Oyola, Los Angeles County Department of Public Works
Margarita Quiroz, Los Angeles County Department of Public Works

* Designates participants over the telephone

I. CALL TO ORDER

Mr. Patrick Holland called the meeting to order at 10:15 a.m.

II. APPROVAL OF MINUTES FROM MARCH 15, 2018 MEETING

A motion to approve the Minutes from the March 15, 2018 Subcommittee Meeting was made by Mr. Michael Mohajer and seconded by Mr. Patrick Holland. There were no objections or abstentions. The motion passed.

III. PRESENTATION FROM ARIZONA ENGINEERED FUELS, LLC

Dr. Marcos Gomez-Barrrios, CEO and co-founder of Arizona Engineered Fuels, LLC (AEI) gave a presentation regarding the cement making process focusing on the role of cement kilns. Traditionally, cement kilns are fueled by coal and, until recently, diesel fuel. AEI fuels have developed a technology that will process post-consumer material to create fuel that can be used to heat cement kilns. Among the material that is processed for this type of fuel are wood-shingles, paper, and plastic. Manure and carpet are also materials that are currently being considered as well. It was mentioned that green waste makes for poor feedstock for this process due to its moisture content. Mr. Patrick Holland recommended that the company look into the definition of Engineered Municipal Solid Waste (EMSW) as defined by AB 1126 for other potential feedstock.

Mr. Mark McDannel and Mr. Patrick Holland inquired about the business model of the company. The only currently operational facility is located in Arizona. However, Victorville and Apple Valley are currently being considered as a new facility in California and is in the developmental stage. It was also discussed that the company can process its post-consumer waste at a price lower than the cost of landfilling the same material. Mr. Ben Lucha wanted to know how clean the wood must be for it to be processed via this technology. Most types of wood, treated and untreated, can be processed with the exception of older telephone poles and old railroad ties.

IV. UPDATE ON CONVERSION TECHNOLOGY POLICY AND LEGISLATION

There were no updates.

V. UPDATE ON CONVERSION TECHNOLOGY EVENTS/MEETINGS/ OUTREACH ACTIVITIES

Ms. Kawsar Vazifdar of County Public Works informed the subcommittee of the following upcoming events:

- Waste Expo, April 24-26, 2018, Las Vegas, Nevada
- Senate Bill (SB) 1383 Organics Workshop, May 7, 2018 (Carlsbad), May 8, 2018 (Sacramento)
- Southern California Waste Management Forum (SCWWMF) Annual Business Meeting, May 9, 2018, Buena Park, CA

- Solid Waste Association of North America (SWANA) Western Region Symposium, May 21-24, 2018, Palm Springs, CA
- California Resource Recovery Association (CRRA) 42nd Annual Conference and Tradeshow, July 26-29, 2018, Oakland, CA
- WASTECON 2018, August 20-23, Nashville, TN

VI. RECAP ON CONVERSION TECHNOLOGY PROJECT DEVELOPMENT

Ms. Traecey Anthony reported on the following:

- Public Works distributed the stakeholder survey in the April e-newsletter one more time. The survey remains open, but there have been no additional responses since April 9. ARI staff is compiling results and will review the findings with Public Works to assess the types of resources stakeholders find most valuable and then work to make those resources available, as appropriate.
- Public Works staff and ARI met with the Los Angeles Sherriff Department (LASD) to discuss on-site food waste management options. Current interest focuses on use of an in-vessel aerobic composting system to process food waste from the prison where it can serve as a demonstration operation for other County facilities.
- ARI is currently updating the small-scale technology list for on-site food waste processing that was presented in the April 2018 Subcommittee meeting to include aerobic digesters (liquefiers).

VII. PUBLIC COMMENTS

Mr. Mark McDannel wanted to point out that the commissioning of the DODA bio-separator at the Puente Hills Materials Recovery Facility would begin on Monday, April 23, 2018, and would begin processing food waste in mid-May.

VIII. ADJOURNMENT

The meeting adjourned at 10:54 a.m. The next meeting date is tentatively scheduled for May 17, 2018.