

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

Minutes of February 18, 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)*
Jacques Franco, UC Davis Policy Institute for Energy, Environment and the Economy*
Wayde Hunter, North Valley Coalition
Ron Kent, Southern California Gas Company
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

SUBCOMMITTEE MEMBERS REPRESENTED BY OTHERS:

Rafael Garcia, for Rob Sherman, Republic Services, Inc.

SUBCOMMITTEE MEMBERS NOT PRESENT:

Alex Helou, City of Los Angeles
Kay Martin, BioEnergy Producers Association
Eugene Sun, Los Angeles County Integrated Waste Management Task Force
Eugene Tseng, University of California, Los Angeles, Solid Waste Program

OTHERS PRESENT:

Jan Allen, Impact Bioenergy, Inc.
Bob Horowitz, CalRecycle*
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
Jalaine Madrid, 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

*Designates participants over the telephone

I. CALL TO ORDER

The meeting was called to order at 10:07 a.m.

Mr. Skye welcomed Mr. Tim Hall, an Environmental Scientist at CalRecycle, as the newest member of the Subcommittee.

II. APPROVAL OF JANUARY 21, 2016, MEETING MINUTES

A motion to approve the minutes of the January 21, 2016, meeting was made by Mr. Mike Mohajer and seconded by Mr. Wayde Hunter, and it passed with Mr. Jacques Franco abstaining.

III. PRESENTATION BY JAN ALLEN OF IMPACT BIOENERGY, INC., ON DISTRIBUTING BIOENERGY SYSTEMS IN AN URBAN ENVIRONMENT

Mr. Jan Allen, President of Impact Bioenergy, Inc., provided a [PowerPoint presentation](#) on their small-scale anaerobic digestion technology via GoTo Meeting. Impact Bioenergy is currently building modular small-scale anaerobic digestion systems for sale, so that generators of organic waste can capture the methane from the waste to produce electricity on-site within given space constraints.

IV. UPDATE ON COUNTY CONVERSION TECHNOLOGIES CONFERENCE

Mr. Skye updated the Subcommittee on the County's efforts to have legislation introduced to augment the current definition of biomass, originally adjusted under Senate Bill 498 (Lara, 2014), to include residual material from anaerobic digestion and compost. Staff has yet to identify a legislator to author the proposed bill this session. Staff is optimistic, however, a bill with the same goal can be introduced in the next legislative session.

Mr. Skye reported to the Subcommittee the completion of County's [Comparative Greenhouse Gas Emissions Analysis](#) (formerly titled the Conversion Technology White Paper). Staff is currently preparing to release the document to the public and share with key trade publications to promote the results.

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

Mr. Mark McDannel informed the Subcommittee that the Food Waste Anaerobic Digestion Demonstration Program at Joint Water Pollution Control Plant, operated by the County Sanitation Districts (CSD), will be awarded the 2016 Excellence in Environmental Engineering Grand Prize for Operations and Management at the American Academy of Environmental Engineers and Scientists Annual Luncheon in Washington, D.C., on April 14, 2016.

Mr. Skye informed the Subcommittee of the Bioenergy Association of California's upcoming Annual Lobby Day in Sacramento to discuss the group's legislative priorities for the current legislative session.

Mr. Mohajer commented on a recently released report from CalRecycle regarding the State's 75 Percent Initiative, per AB 341. He informed the Subcommittee that the document contained no reference to conversion technologies.

VI. RECAP ON CONVERSION TECHNOLOGY DEVELOPMENT

Ms. Tracey Anthony of Alternative Resources (ARI), Inc., provided the Subcommittee with an update on ARI's progress with the County Sherriff's Department for a potential anaerobic digestion (AD) project at the Pitchess Detention Center. A site visit is scheduled with Public Works and Sherriff staff for early March 2016. Following the tour, ARI will be updating the Draft Request for Qualifications and Proposals (RFQP) with site specific information. ARI anticipates a Draft RFQP will be available for higher level review in late Spring 2016.

At the previous Subcommittee Meeting, Mr. Mark McDannel shared plans for an equipment demonstration at the Puente Hills Materials Recovery Facility where a ten day test press by Anaergia, Inc. (Anaergia), designed to separate organic material from municipal solid waste had been conducted. Mr. McDannel reported the test press had been successful and showed promise for mixed commercial or residential processing.

Mr. Mohajer informed the Subcommittee that Anaergia would be providing a presentation on the technology at the next month's Subcommittee and Task Force Meetings.

VII. PUBLIC COMMENT

There was no public comment.

VIII. ADJOURNMENT

The meeting adjourned at 10:57 a.m.