

MINUTES

Solano County Local Task Force (LTF) for Integrated Waste Management

Meeting of July 21, 2016

9:00 a.m.

Solano County Administration Center

Member Organization	Representative	Present
CCL Organics	Dave Burnley	
City of Benicia	Sharon Williams	X
City of Dixon	Janet Koster	
City of Fairfield	Esther Blanco	
City of Rio Vista	John Degele	
City of Suisun City	Amanda Dum	X
City of Vacaville	Ivonne Vaughn	X
City of Vallejo	Derek Crutchfield	X
Concrush	Allen Hochstetler	
County of Solano	Narcisa Untal	X
County of Solano	Marcy Hannum	X
County of Solano	David Weiss	
County of Solano	Colby LaPlace	
Fairfield-Suisun Sewer District	Talyon Sortor	X
Fairfield-Suisun Sewer District	Kevin Cullen	
Pacific Rim Recycling	Steve Moore	
Pacific Rim Recycling	Marissa Moore	
Potrero Hills Landfill	Dave Jappert	
Potrero Hills Landfill	Natalie Hicks	X
Recology Dixon	William Payton	
Recology Dixon	Melanie Calabrese	
Recology Hay Road	Danielle Lowther	
Recology Hay Road	Chris Taylor	
Recology Vacaville	Julia Lopez	
Recology Vacaville	Scott Pardini	
Recology Vallejo	Lisa Lefebvre	
Recology Vallejo	Tom Phillips	
Recycling Zone	Dave Ryan	
Recycling Zone	Chris Aschero	
Republic Services - Fairfield	Sandra Gonzalez	X
Republic Services - Fairfield	Jeff Donlevy	X
Republic Services - Benicia	Marie Knutson	
Republic Services - Benicia	Travis Armstrong	
Rio Vista Sanitation Service	Nicole Impagliazzo	
Sierra Club	Jane Bogner	X
Solano Community College	Dwight Calloway	
Solano Community College	Jeff Lehfeldt	
Travis Air Force Base	Jonathan Carlson	
Travis Air Force Base	Milea Franklin	
VALCORE	Ken Hawes	X
VALCORE	Vacant	
CalRecycle	Jill Firch	
CalRecycle	Rachelle Tarver	

GUESTS:

Rachelle Tarver, CalRecycle
Mark Umfress, CalRecycle
Nancy Carr, CalRecycle
Emily Coven, Recyclist

1. Call to Order / Introductions

The meeting was called to order at 9:00 am. Members and guests introduced themselves.

2. Public Comment

There were no public comments.

3. Action Items(s)

a. Minutes: May 19, 2016

The minutes of May 19, 2016 were unanimously approved with corrections.

4. Presentation

a. 2014 Disposal-Facility-Based Characterization of Solid Waste in California

Nancy Carr and Mark Umfress of CalRecycle gave a presentation on the 2014 Disposal-Facility-Based Characterization Study of Solid Waste in California. The study gives a frame of reference as to what commodities are going into landfills that need to be addressed in order to contribute to the statewide diversion rate for a diversion goal of 75%.

CalRecycle contracted with Cascadia Consulting Group to characterize and quantify the current statewide disposed waste stream in 2014. This study followed similar standards and protocols to those used in the statewide waste characterization studies conducted in 2004 and 2008. A concurrent study assessed the commercial and multi-family waste and recycling streams through generator-based sampling. Samples were taken at the sites where they are generated, such as businesses or apartment complexes.

The primary objectives of the 2004 and 2008 studies were to characterize and quantify the residential, commercial, and self-hauled sectors of the disposed waste stream at the statewide level. The 2004 study characterized a total of 550 samples while the 2008 study increased the number of samples characterized to 751.

The primary objectives of the 2014 study also were to characterize and quantify the franchised residential, franchised commercial, and self-hauled disposed waste at the statewide level. Part of this effort involved examining important subsectors of the disposed waste stream, including single-family residential and multi-family residential waste, residential self-hauled waste and commercial self-hauled waste. The 2014 study characterized a total of 754 samples.

Based on the 2014 estimated sector percentages, franchised-hauled single-family and multi-family residential waste together account for 47% of the state's waste stream and franchised commercial waste accounted for 39% of the state's waste stream. Using the 2014 sector percentages applied to the 2014 composition data the following comparisons were made. The franchised commercial disposal decreased from 50% to 39% while franchised residential disposal increased from 30% to 47%. Overall the per capita disposal rate for the state was approximately 0.81 tons per person per year in 2013. The per-capita disposal rates included all waste disposed at landfills, including that from industrial, institutional, and construction and demolition sources. Based on the 2014 estimated sector percentages the per capita disposal rate for franchised residential waste (single-family and multi-family) was approximately 0.38 tons per person per year. The average per occupied unit disposal rate for the multi-family subsector was 1.05 tons per unit per year.

b. Recyclist.co

Emily Coven founder of Recyclist noted that the company offers an affordable, localizable recycling website that would be far above and beyond what any one city could ever create on its own. It is affordable by offering subscription access for reasonable fees. The effect being that multiple smaller budgets end up pooling together to give everyone access to a high-end product. Public education and outreach products on the site include:

- A local recycling guide that is highly visual, easy to follow and accurate to a city's local program.
- Collection reminders and educational tips that are sent along with them.
- Social media and newsletters reach people where they are via email and social media.
- A mobile friendly website.
- Reporting is made easy by print-ready reports and data that can be used to quantify and communicate outreach efforts and outcomes to councils, boards, grants and CalRecycle.
- EPA stormwater compliance – the Public Education & Outreach Minimum Control Measure requirements are met with critical info about stormwater discharges. Proper disposal of materials, especially hazardous ones, can have more of an impact on your stormwater system than on your waste stream. Designed with stormwater in mind, the Recyclist site helps you meet the EPA's Stormwater Phase II Final Rule Public Education & Outreach Minimum Control Measure.

Business Monitoring and Compliance Tools include:

- AB1826 Compliance – Using multiple sources of publicly available state data, organic waste generation estimates for every business in a city's jurisdiction can be generated.
- Paperless Communication – Recyclist enables a city to do all its outreach digitally to reach all businesses at once or a very specific group.
- Mandatory Commercial Recycling – all monitoring and communication through a cloud-based tool enables a jurisdiction to analyze a programs' success and maximize its efforts towards improvement.
- Hauler Data Integrations – for jurisdictions with access to hauler data, Recyclist can import the data into their system and generate clear visual charts and graphs that enable tracking outcomes over time.
- EAR-Ready Stats & Reports – with all data and communication stored in one cloud-based platform, there is real-time access to information for CalRecycle's electronic annual report.
- Tablet-Friendly for on-site visits – for jurisdictions conducting in-person commercial visits or assessments data can be entered into a tablet to send it directly to the cloud.

5. Member Updates

Sandra Gonzalez, Republic Services

Republic Services is getting ready for a drop off event in Suisun City on August 13th. They are also preparing to help out at the Tomato Festival. They are working with local commercial businesses to assist them with AB1826 compliance.

Natalie Hicks, Potrero Hills Landfill

Potrero Hills Landfill is getting ready for the grand opening of their new power plant on September 15th. Also the landfill will be closed for three Sundays, July 31, August 7 and 14, for the resurfacing of their road. Public announcements of the closure dates have been sent out.

Ivonne Vaughn, City of Vacaville

The City of Vacaville is busy working with businesses on AB1826 compliance. They started with first phase businesses and found that they were already diverting waste. The City is now looking ahead at phase two. There is an event coming up for police dog enthusiasts. Vacaville is hosting the Top Dog K-9 Trial Competition at Nelson Park. The organizers have already arranged all their recycling and solid waste needs. They are also working on all their annual reports.

Jane Bogner, Sierra Club

Ms. Bogner asked what was happening with CRV because she noticed that a lot of recycling centers have closed in her area. Ms. Vaughn noted that San Francisco just had a ruling to encourage 25% post-consumer recycling of plastic content and was curious as to how that would go.

Jeff Donlevy, Republic Services

Responding to Ms. Bogner's question, Mr. Donlevy replied that the largest recycler in the state was Replanet which had over 850 sites back in 2013. By this January they were down to 300 sites. The state subsidies for the convenience zone recycling centers at grocery stores were over 2 million per year in annual sales. It has gone from \$4,500 per site down to \$2,400 per site with the numbers expected to fall even lower. Independent recyclers are facing a huge problem because commodity prices that used to pay for their services have fallen drastically. Aluminum has gone from an average of \$0.80 per pound down to \$0.50 per pound. The price of pvt plastics has gone from \$0.25 per pound down to less than \$0.10 per pound. The volume of plastics going into the stream has increased 30% to 40% in the last several years as many beverage companies have switched from glass to plastic. In the overseas market China is expected to increase regulations on plastics coming into their country.

It is also a concern at the state level. The CRV program is designed to be at an 80% recycling level but now it's at an 85% level. A lot of that is due to the success of curbside programs and commercial co-mingle programs. The program is paying out more than they are able to take in to manage the program. The program is looking at more proportional reductions which would affect city and county payments and conservation corps grants.

6. Adjournment

There being no further business the meeting was adjourned at 10:11 a.m.

The next LTF meeting is scheduled for **Thursday, September 15, 2016, at the Fairfield-Suisun Sewer District.**