



MARK PESTRELLA, CHAIR
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LOS ANGELES COUNTY
SOLID WASTE MANAGEMENT COMMITTEE/
INTEGRATED WASTE MANAGEMENT TASK FORCE
900 SOUTH FREMONT AVENUE, ALHAMBRA, CALIFORNIA 91803-1331
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September 28, 2017

Mr. Scott Smithline, Director
California Department of Resources Recycling and Recovery (CalRecycle)
P.O. Box 4025
Sacramento, CA 95812-4025

Dear Mr. Smithline:

**COMMENTS ON THE SEPTEMBER 20, 2017, INFORMAL RULEMAKING
STAKEHOLDER WORKSHOP FOR SB 1383 SHORT-LIVED CLIMATE POLLUTANTS**

The Los Angeles County Solid Waste Management Committee/Integrated Waste Management Task Force (Task Force) would like to thank the California Department of Resources Recycling and Recovery (CalRecycle) for providing the opportunity to comment on the Informal Rulemaking Stakeholder Workshop for Senate Bill 1383 (Lara, Chapter 395 of the 2016 State Statutes) Short-Lived Climate Pollutants (SLCP) addressing “Capacity Planning” and “Market Development” held in Sacramento on September 20, 2017. These comments will also be submitted through the online commenting form.

<http://www.calrecycle.ca.gov/Actions/PublicNoticeDetail.aspx?id=2179&aiid=1988>

The Task Force remains concerned about concepts presented in previous workshops and would like to reiterate its previous comments, which are in the enclosed letter. The Task Force would appreciate CalRecycle’s consideration of its previous comments as well as the following additional comments on the regulatory concepts presented at the Workshop as part of the SB 1383 SLCP Rulemaking Process:

SB 1383 – REGULATORY CAPACITY PLANNING CONCEPTS

I. Identify Existing Capacity and Disposal

A. Organic Waste

- Commencing January 1, 2022, counties, in coordination with cities and,

if applicable, regional agencies within the county, will be required to identify existing organic waste recycling capacity that is “verifiably available” to ensure that no less than 75 percent of organic waste can be recycled by 2025 and every year thereafter (covering a 15-year period). The proposed regulations should clearly establish the roles and responsibilities of individual jurisdictions, regional agencies, counties, and the State, in identifying existing organic waste recycling capacity.

- Jurisdictions would be required to estimate the amount of organic waste that is “currently disposed.” CalRecycle should clarify the meaning of the term “currently disposed” (e.g., 2014, 2017, or 2022, etc.)
- Jurisdictions would be required to identify existing organic waste recycling capacity that is “verifiably available” for all organic waste, including wood and paper. CalRecycle should define what it means by “verifiably available.”
- CalRecycle should provide clarification on how this organic waste recycling capacity will be “verified.” For example, organic waste may be sent outside of the State and/or country for processing and it may be difficult to verify whether it is actually “recycled” through composting, anaerobic digestion (AD), biomass conversion, or any other operations with processes that reduce SLCPs as determined by the California Air Resources Board (CARB). CalRecycle should clarify whether it is the responsibility of the State, counties, or cities to verify that the organic waste is being processed through acceptable “recycling” facilities or operations. Also, CalRecycle should develop a standardized reporting system or verification procedure that will assist the applicable agencies in fulfilling this responsibility.
- With the implementation of the new “recycling” and disposal reporting requirements established under AB 901 (Gordon, Chapter 746 of 2015 State Statutes), CalRecycle has or will soon have access to capacity, tonnage, origin, and destination information for all waste and recyclable materials. CalRecycle should compile this information and share it with the applicable agencies to assist them in verifying the organic waste recycling capacity.

B. Edible Food

- CalRecycle stated that it intends to require counties, in coordination with cities, to estimate the amount of edible food that will be disposed by

the county and its cities in 2025 and every year thereafter for a 15-year period. CalRecycle should specify if this estimate would be limited to edible food disposed by large generators only or all generators. If CalRecycle requires counties and/or cities to complete this estimate for all generators, CalRecycle should consider providing a one-time contract to assist them in calculating baseline edible food disposal and establishing criteria for jurisdictions to use in complying with this requirement. This would also ensure that this calculation is performed consistently by all counties throughout the State.

- In order to estimate the amount of edible food that will be disposed by the county and its cities and identify the amount of edible food that will need to be recovered to ensure that no less than 20 percent of edible food is recovered in the year 2025 and every year thereafter for a 15-year period, counties in coordination with cities will need to first estimate edible food generation. CalRecycle should develop a methodology for estimating edible food generation to assist counties and cities in completing this analysis, similar to the adjustment method factors CalRecycle used in estimating solid waste tons generated.

II. Planning for Organic Waste Recycling and Edible Food Recovery

A. Implementation Schedule

- CalRecycle stated that if a jurisdiction has not been able to adequately demonstrate it has secured or plans to secure the needed capacity, it must submit an implementation schedule showing how it will secure access to new capacity. CalRecycle should specify whether the jurisdictions responsible for submitting implementation schedules are counties, cities, or regional agencies. The Task Force recommends this be performed by each individual jurisdiction (city or county for the unincorporated areas) as it would be difficult for a county to know if all cities have secured the necessary capacity through their individual waste hauling contracts.
- The implementation schedules are required to include timelines and milestones for planned or previous rate increases designed to fund organics recycling. CalRecycle should specify what type of rates it is referring to, and if these rate increases should be intended to fund organic waste collection, organic waste recycling infrastructure, or both.

- Presentation Slide 9 - CalRecycle should explain how the AD and compost facility capacity shortfall of over 2 million tons per year was calculated for Los Angeles County and provide the source for the data used in this calculation.
- Presentation Slide 10 – To increase the number of local organics materials processing facilities, CalRecycle should provide more funding for new organics materials processing facilities in addition to Cap and Trade revenues generated from Assembly Bill 32 (Nunez, Chapter 488 of the 2006 State Statutes) and Senate Bill 32 (Pavley, Chapter 249 of the 2016 State Statutes). Additionally, CalRecycle should focus on providing funding for facilities to serve Los Angeles County, which has the largest organics processing capacity shortfall, and the southern California region.

SB 1383 – REGULATORY MARKET DEVELOPMENT CONCEPTS

I. Compost, Mulch and Paper Products

A. Minimum Use and Procurement Standards

- In establishing mulch use standards for landscaping on publicly owned lands and large commercial properties, CalRecycle should specify the maximum mulch application depth in addition to the minimum. In addition, CalRecycle should clarify whether it is the responsibility of counties, cities, special districts, public universities/colleges, State agencies (e.g. Caltrans) and/or involved Federal agencies to enforce the mulch use standards on all publicly owned lands and large commercial properties within their jurisdictions.
- In establishing compost and/or mulch minimum application standards for new landscaping projects which require a building or landscaping permit, CalRecycle should specify who (see previous paragraph) will be responsible for enforcing these standards.
- If CalRecycle extends the State Agency Buy Recycled Campaign (SABRC) procurement standards for recycled organic materials and products to jurisdictions, CalRecycle should clearly specify which jurisdictions (i.e., cities, regional agencies, counties and/or the previously listed public agencies) will be required to comply with these procurement standards.

Biogas

- It is stated that CalRecycle and CARB are “seeking feedback on concepts relative to purchasing and use of renewable natural gas (RNG) derived from organic waste recycling”. CalRecycle should specify which activities that produce RNG will be considered recycling. CalRecycle should consider expanding the definition of biogas to include gas generated from non-combustion thermal conversion of organic waste, which has the capability of significantly reducing SLCP emissions.

II. Identifying Policies and Ordinances That Conflict with SB 1013 Targets

- CalRecycle stated that it is interested in receiving information on local policies and ordinances that could present barriers to the successful implementation of SB 1383 to determine if any action is needed to address them. There are public facilities that restrict the acceptance of waste outside a pre-determined waste-shed. Also, there may be public and private facilities which are subject to host fees on waste originating outside a pre-determined area. CalRecycle should clarify whether SB 1383 or other applicable law provides CalRecycle the authority to override such local restrictions or if it intends to seek such authority.
- The Task Force would appreciate being advised as to CalRecycle’s draft policies to monitor and enforce the SB 1383 requirements on special districts, public universities/colleges, and the Federal, State and regional agencies.

Pursuant to Chapter 3.67 of the Los Angeles County Code and the California Integrated Waste Management Act of 1989 (Assembly Bill 939 [AB 939], as amended), the Task Force is responsible for coordinating the development of all major solid waste planning documents prepared for the County of Los Angeles and the 88 cities in Los Angeles County with a combined population in excess of ten million. Consistent with these responsibilities and to ensure a coordinated, cost-effective, and environmentally sound solid waste management system in Los Angeles County, the Task Force also addresses issues impacting the system on a countywide basis. The Task Force membership includes representatives of the League of California Cities-Los Angeles County Division, County of Los Angeles Board of Supervisors, City of Los Angeles, the waste management industry, environmental groups, the public, and a number of other governmental agencies.

Mr. Scott Smithline
September 28, 2017
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We respectfully request CalRecycle to address these questions, concerns, and recommendations in the next stakeholder workshop and any upcoming draft regulations. Should you have any questions regarding these comments, please contact Mr. Mike Mohajer, a member of the Task Force, at MikeMohajer@yahoo.com or at (909) 592-1147.

Sincerely,

Margaret Clark

Margaret Clark, Vice-Chair
Los Angeles County Solid Waste Management Committee/
Integrated Waste Management Task Force and
Council Member, City of Rosemead

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cc: CalRecycle (Howard Levenson, Mark de Bie, Cara Morgan, Hank Brady,
Georgianne Turner, Chris Bria & Marshalle Graham)
California Air Resources Board (Mary Nichols and David Mallory)
California Department of Food and Agriculture
California Department of Public Health
League of California Cities
League of California Cities, Los Angeles Division
California State Association of Counties
Each Member of the Los Angeles County Board of Supervisors
Sachi A. Hamai, Los Angeles County Chief Executive Officer
Each City Mayor/Manager in the County of Los Angeles
South Coast Air Quality Management District
South Bay Cities Council of Governments
San Gabriel Valley Council of Governments
Gateway Cities Counsel of Governments
Southern California Association of Governments (Frank Wen)
Each City Recycling Coordinator in Los Angeles County
Each Member of the Los Angeles County Integrated Waste Management Task
Force
Each Member of the Task Force Alternative Technology Advisory Subcommittee
Each Member of the Task Force Facility Plan Review Subcommittee

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September 12, 2017

Mr. Scott Smithline, Director
California Department of Resources Recycling and Recovery (CalRecycle)
P.O. Box 4025
Sacramento, CA 95812-4025

Dear Mr. Smithline:

COMMENTS ON THE INFORMAL RULEMAKING STAKEHOLDER WORKSHOP FOR SB 1383 SHORT-LIVED CLIMATE POLLUTANTS (SLCP)

The Los Angeles County Solid Waste Management Committee/Integrated Waste Management Task Force (Task Force) would like to express our appreciation to the California Department of Resources Recycling and Recovery (CalRecycle) for providing the opportunity to comment on the Informal Rulemaking Stakeholder Workshops for Senate Bill 1383 (Lara, Chapter 395 of the 2016 State Statutes) Short-Lived Climate Pollutants (SLCP) addressing “Reporting Concepts” and “Compliance and Enforcement Concepts.” The Workshops were held in Sacramento on August 16 and in Riverside on August 31, 2017. These comments will also be submitted through the online commenting form.

<http://www.calrecycle.ca.gov/Actions/PublicNoticeDetail.aspx?id=2158&aiid=1964>
<http://www.calrecycle.ca.gov/Actions/PublicNoticeDetail.aspx?id=2159&aiid=1965>

The Task Force remains concerned about concepts presented in previous workshops and would like to reiterate its previous comments, which are in the enclosed letter. The Task Force would appreciate CalRecycle’s consideration of its previous comments as well as the following comments on the August workshops as part of the SB 1383 SLCP Rulemaking Process:

I. GENERAL COMMENTS:

1. CalRecycle should provide stakeholders with a complete and detailed “Cost-Benefit” study of the proposed regulations which needs to include state and local governments’ staffing costs as well as those of the private sector. The draft Cost-Benefit study should be conducted in a timely manner to provide stakeholders with an opportunity to review and provide comments on the document in concert with the proposed draft regulations.
2. The Task Force strongly recommends that state and local governments’ staffing costs to implement the SB 1383 regulations be funded by Cap and Trade

revenues generated from Assembly Bill 32 (Nunez, Chapter 488 of the 2006 State Statutes) and Senate Bill 32 (Pavley, Chapter 249 of the 2016 State Statutes).

3. The proposed regulations need to be very clear that these requirements are also applicable at a minimum to all federal, state/regional agencies, federal and state court systems, universities, colleges, community colleges, and school districts. CalRecycle should be the lead agency to ensure that the foregoing entities comply with the said regulations. CalRecycle should also ensure that cities and counties have no legal responsibility for the monitoring of these entities unless, at its sole discretion, a local jurisdiction assumes responsibility for monitoring compliance by the said entities at the State's cost.
4. The regulatory concepts identify information and data that CalRecycle deems critical to monitor the effectiveness of these regulatory programs and/or measure progress toward achieving the 50 percent and 75 percent mandate, the 20 percent edible food rescue mandate, and the SLCP emissions reductions. There is an emphasis on extensive data collection and reporting, which would reverse the direction established under SB 1016 (Wiggins, Chapter 343 of 2008 State Statutes) to move away from an emphasis on numerical reporting to focusing more on program implementation efforts. To ensure compliance with the applicable requirements of SB 1383, CalRecycle should avoid, to the greatest extent possible, imposing resource-intensive reporting requirements that create significant costs for industry, as well as State and local governments.
5. The Task Force strongly recommends that the data collected under the regulations pursuant to AB 901 (Gordon, Chapter 746 of 2015 State Statutes) be used to ensure local government compliance in concert with implementation of organic waste recycling programs.
6. The draft regulations should include paper reduction as well as source reduction efforts as a part of compliance with SB 1383.
7. Jurisdictional penalty – At the August 31st workshop, CalRecycle staff made an indirect reference to the imposition of penalties on jurisdictions like those in existence for Assembly Bill 939 (Sher, Chapter 1095 of 1989 State Statutes) (i.e. a possible penalty of \$10,000 per day). The Task Force would like to receive written clarification from CalRecycle on whether and under what State authority such penalties would be imposed.
8. The Task Force respectfully requests that CalRecycle provide a detailed description of the methodology or available data to be used to quantify the amount of “edible food” disposed statewide during the stipulated SB 1383 “base year.”

II. EDIBLE FOOD RECOVERY:

1. Local Jurisdiction Concepts:

- a. CalRecycle should not impose overly stringent requirements on jurisdictions that may make it more difficult to achieve the edible food recovery goal. CalRecycle should identify funding and develop tools or incentives to assist jurisdictions that have limited resources to develop edible food recovery programs for the large edible food generators.

2. Food Recovery Organization Requirements

- a. CalRecycle, the California Air Resources Board, and other appropriate State agencies (California Department of Food and Agriculture, etc.) should incentivize food recovery before imposing regulations and requirements on food recovery organizations or local agencies. Many organizations have established or are establishing robust food recovery efforts and the new regulations should not hinder these efforts.

3. Additional Issues to Consider

- a. CalRecycle, in conjunction with all other appropriate State and Regional agencies, should clarify who is responsible for determining if recovered food is edible and should be donated. In addition, these agencies need to develop appropriate regulations and monitoring programs to ensure public health and safety as well as the environment.

III. REPORTING:

1. Please see General Comments, Items 1 – 8.

IV. COMPLIANCE AND ENFORCEMENT:

1. Please see General Comments, Items 1 – 8 with special emphasis on Item No. 7

2. Potential Compliance and Enforcement Structure:

- a. Slide 33: The California Department of Food and Agriculture (CDFA) and the California Department of Public Health (CDPH) should also be given oversight roles. The CDFA should be included in the oversight of organic waste processing facilities and the CDPH should be included in the oversight of the development of edible food recovery guidelines, tools, or incentives.

- b. Slide 18: CalRecycle should provide a comparison (in table format) between SB 1383 reporting requirements and those of AB 939, as amended, AB 341 (Chesbro, Chapter 476 of the 2011 State Statutes), and AB 1826 (Chesbro, Chapter 727 of the 2014 State Statutes) reporting requirements. Again, the SB 1383 implementing regulations should place more emphasis on program development and implementation rather than numerical and extensive reporting requirements.

3. Exemptions and Alternative Compliance Models

- a. Slide 44: Factors to Consider – Please expand the list to include a jurisdiction with essentially residential developments vs. one of an industrial development.

Pursuant to Chapter 3.67 of the Los Angeles County Code and the California Integrated Waste Management Act of 1989 (Assembly Bill 939 [AB 939], as amended), the Task Force is responsible for coordinating the development of all major solid waste planning documents prepared for the County of Los Angeles and the 88 cities in Los Angeles County with a combined population in excess of ten million. Consistent with these responsibilities and to ensure a coordinated, cost-effective, and environmentally sound solid waste management system in Los Angeles County, the Task Force also addresses issues impacting the system on a countywide basis. The Task Force membership includes representatives of the League of California Cities-Los Angeles County Division, County of Los Angeles Board of Supervisors, City of Los Angeles, the waste management industry, environmental groups, the public, and a number of other governmental agencies.

We respectfully request CalRecycle to address these questions, concerns, and recommendations in the next stakeholder workshop and any upcoming draft regulations. Should you have any questions regarding these comments, please contact Mr. Mike Mohajer, a member of the Task Force, at MikeMohajer@yahoo.com or at (909) 592-1147.

Sincerely,



Margaret Clark, Vice-Chair
Los Angeles County Solid Waste Management Committee/
Integrated Waste Management Task Force and
Council Member, City of Rosemead

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cc: CalRecycle (Howard Levenson, Mark de Bie, Cara Morgan, Hank Brady,

Mr. Scott Smithline
September 12, 2017
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Georgianne Turner, Chris Bria & Marshalle Graham)
California Air Resources Board (Mary Nichols and David Mallory)
California Department of Food and Agriculture
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Each Member of the Los Angeles County Board of Supervisors
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South Coast Air Quality Management District
South Bay Cities Council of Governments
San Gabriel Valley Council of Governments
Gateway Cities Counsel of Governments
Southern California Association of Governments (Carmen Ramirez, Linda Parks,
and Tess Rey-Chaput)
Each City Recycling Coordinator in Los Angeles County
Each Member of the Los Angeles County Integrated Waste Management Task
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July 21, 2017

Mr. Scott Smithline, Director
California Department of Resources Recycling and Recovery (CalRecycle)
P.O. Box 4025
Sacramento, CA 95812-4025

Dear Mr. Smithline:

COMMENTS ON THE INFORMAL RULEMAKING STAKEHOLDER WORKSHOP FOR SB 1383 SHORT-LIVED CLIMATE POLLUTANTS (SLCP)

The Los Angeles County Solid Waste Management Committee/Integrated Waste Management Task Force (Task Force) would like to express our appreciation to the California Department of Resources Recycling and Recovery (CalRecycle) for providing the opportunity to comment on the Informal Rulemaking Stakeholder Workshops for SB 1383 Short-Lived Climate Pollutants (SLCP) held on June 21, 2017 and June 26, 2017. These comments will also be submitted through the online commenting form.

<http://www.calrecycle.ca.gov/Actions/PublicNoticeDetail.aspx?id=2127&aiid=1939>
<http://www.calrecycle.ca.gov/actions/PublicNoticeDetail.aspx?id=2130&aiid=1941>

The Task Force would appreciate CalRecycle's consideration of the following comments as part of the SB 1383 SLCP Rulemaking Process:

DEFINITIONS:

Definitions:

- Slide 9 - The definition of organic waste in the regulations should be consistent with state law. Section 42649.8 (c) of the Public Resources Code (PRC) defines "organic waste" as "food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed in with food waste." Therefore, the definition of "organic waste" in the upcoming regulations should not include "applicable textiles and carpets," "fiber," "manure," "biosolids," "digestate," or "sludges."

CalRecycle has stated that to achieve emission reductions from landfills to meet the 40 percent methane reduction mandate, all material of biogenic origin must be included in its regulations. However, the fact remains that "organic waste" has already been defined in state law pursuant to Chapter 727 of the 2014 State Statute. To minimize confusion, CalRecycle should use an alternative term instead of

“organic waste” for these regulations. For example, CalRecycle could use the term “biogenic waste” instead of “organic waste.”

CalRecycle is proposing to define “organic waste” as “solid waste containing material originated from living organisms and their metabolic waste products...” The term “containing” should be changed to “made of,” because non-organic waste could possibly contain a certain amount of organic material but should not be subject to the landfill diversion requirements. The term “originated” expands the definition of “organic waste” as provided in Section 42649.8 (c) of the PRC to include materials such as fossil fuels, plastics, and other petroleum generated by-products which are technically originated from living organisms, but do not appear to be subject to SB 1383’s landfill diversion requirements.

Furthermore, while carpet and textiles may contain biogenic materials, it is difficult to distinguish the difference between carpets made of wool versus synthetic polymers. For this reason, CalRecycle should not include carpet and textiles in the definition of “organic waste” or “biogenic waste” and address the recycling of those materials through separate avenues.

If carpets and textiles continue to be included in the definition of organic waste, the regulations need to specify how textiles and carpet diversion will be measured as part of the state’s progress toward achieving the 50 and 75 percent targets. In addition, the definition of organic waste only includes “applicable textiles and carpets.” The regulations should specify which textiles and carpets will be considered “applicable.”

For the potential inclusion of “biosolids,” “digestate,” or “sludges,” further clarification is needed to determine what constitutes recycling of these materials. If recycling options cannot be determined for “biosolids,” “digestate,” or “sludges,” CalRecycle should not include them in the definition of “organic waste” or “biogenic waste” and address the recycling of these materials through separate avenues.

In addition, the definition of “organic waste” or “biogenic waste” should be expanded to include compostable packaging.

- Slide 11 - The term “generator” is already defined in Section 18450 of Title 14 of the CCR. Instead, CalRecycle should provide a definition for “organic waste generator.” It should be defined within the regulations as: “Organic waste generator means a public or private entity that is responsible for the initial production of organic waste and that may also be responsible for the initial production of solid waste and/or recyclable material.” The definition of organic waste generator within the regulations should be expanded to include the examples of generators, including residential and commercial entities; local, state, federal agencies (governmental entities); special events, such as farmers’ markets, sporting events, etc. As opposed to definition provided in the workshop presentation, the definition of “generator” in the SB 1383 Local Organic Waste Collection Concepts is “a person that is responsible for the

initial creation of solid waste, organics, and recyclable material.” In the future, the definitions should be consistent between the workshop presentations and the concept papers.

- Slide 12 - “Mandatory Organic Waste Recycling Service” is defined as a collection service that recycles organic waste and is automatically provided to all generators of organic waste, potentially with opt out provisions for generators that are already recycling. The opt-out provisions for mandatory organic waste service should be clearly specified. For example, it should be specified whether facilities that self-haul organic waste, back-haul organic waste, process organic waste on-site, or do not meet a minimum threshold of organic waste generation will not be required to have organic waste service.
- Slide 41 – The definition of “edible food” is “all food intended and usable for human consumption.” CalRecycle should specify which entity determines whether food is intended and usable for human consumption and the process by which this would be determined. The Task Force recommends that local health officers be in charge of this determination and develop a standardized certification process to determine what is considered edible food and ensure that it “meets relevant public health and food safety standards.”

Edible Food Recovery Baseline

- Slide 40 – According to SB 1383, the regulations “shall include requirements intended to meet the goal that not less than 20 percent of edible food that is currently disposed of is recovered for human consumption by 2025.” The regulations must provide the baseline year that will be considered “current.” Because SB 1383 was signed into law in 2016, it is assumed that the baseline year will be 2016.

ORGANIC WASTE COLLECTION SERVICES:

Jurisdictions:

- Slide 14 - During the June 26 workshop, CalRecycle stated that source-separated organic waste programs are preferred, but that jurisdictions could utilize mixed-waste processing if the mixed-waste processing system is in place by 2020. CalRecycle stated that the development of mixed-waste processing systems for organic waste after 2020 is discouraged. CalRecycle should not limit industry operations to source-separated organic waste systems because there is a possibility that highly efficient and cost-effective mixed-waste organic programs could be developed beyond 2020.
- Slide 17 - Placing public organics recycling bins wherever refuse bins are located in public places will be very costly and inefficient for areas where negligible organic

waste is generated. CalRecycle should not include this as a requirement in the regulations.

- General Comment – The SB 1383 Regulatory Concepts presented in previous workshops proposed “keep[ing] organic [waste] materials clean and recoverable” to manage contamination. The regulations should clarify whether it is the responsibility of the individual, the generator (residence, commercial entity, etc.), or the local government to “keep organic [waste] materials clean and recoverable.” The regulations should also provide a clear definition of “clean” and “recoverable.”

A program to keep organic waste materials “clean” may be difficult to implement in a multi-residential complex. Therefore, the regulations should be written to require that organic waste materials be kept “recoverable” only, but not necessarily “clean” (emphasis added).

In developing regulations, CalRecycle should consider that requiring local governments to collect food waste separately from other organic waste to keep it “clean” may be costly and difficult to implement, and not include such a requirement in the regulations unless it is environmentally and economically justified while ensuring the process is protective of public health.

- Slide 22 – Any education programs for managing organics should include education for elected officials.

ORGANIC WASTE PROCESSING, RECYCLING, AND SOLID WASTE FACILITY CONCEPTS:

Operations at Facilities Receiving, Processing, and/or Recycling Organic Waste:

- Slide 25 - No minimum organic waste diversion requirement should be imposed on individual solid waste facilities. Due to the contamination level of the organic waste received, complying with such a requirement may not be feasible for facilities without producing a contaminated, low-value product.
- Slide 31 - The regulations should specify the desired accuracy of the measurable criteria and should not require unnecessary accuracy for the regulatory programs and goals. For example, it was indicated during the June 21 and June 26 workshops that measuring contamination at transfer/processing facilities and organics recycling facilities that receive source-separated organics or organic waste that was separated for reuse at a prior facility will require load checking for feedstock contamination and reporting on the level of contamination. A visual inspection, with no sorting or characterization of waste, should be sufficient for

measuring contamination. In addition, the acceptable threshold for contamination should not be so precise that it cannot be determined by visual inspection.

New and Expanded Solid Waste Facilities:

- General Comment - In order to promote the development of new facilities that can process organic waste, CalRecycle should develop Programmatic Environmental Impact Reports for biomass conversion facilities and composting facilities.

INFRASTRUCTURE CAPACITY AND PLANNING:

Comments:

- Slide 25 - Per the California Air Resources Board (CARB) Revised Proposed Short-Lived Climate Pollutant Reduction Strategy (SLCP Strategy), approximately fifty-four new facilities would need to be built in California by 2020 and approximately seventy-three new facilities would need to be built by 2025 to achieve the organic waste diversion targets in Senate Bill 1383. Permitting and constructing a new organic waste processing facility in California can take five to ten years, and can take much longer and be much more difficult in densely-populated urban areas such as Los Angeles County. Building the needed facilities to achieve 75 percent organic waste diversion is not likely to be feasible by 2025 without changes in State law and regulations to streamline permitting and CEQA processes. In developing organic waste regulations pursuant to SB 1383, CalRecycle must take a proactive position in identifying solutions for overcoming the barriers to permitting new organic waste processing facilities, especially in urban areas, and work with the Legislature, the Governor, and the stakeholders to implement these solutions.

Furthermore, the SLCP Strategy estimates that the capital cost to build enough facilities to achieve 75 percent organic waste diversion is over \$2 billion. Developing new and expanded infrastructure to achieve the organic waste diversion targets is not feasible without significant capital investment by the State, local governments, and the private sector. The Task Force questions the viability of funds/grants such as the Greenhouse Gas Reduction Fund (GGRF) since it is subject to annual adjustment, reduction, and/or elimination by the Legislature and the Governor during the State Budget adoption process. Assembly Bill 1613 (2016) appropriated only \$40 million in GGRF funds to CalRecycle for waste diversion (including organic waste diversion), GHG reduction programs, and infrastructure development. In developing regulations, CalRecycle should consider identifying funding sources for organic waste processing facilities. Furthermore, for Fiscal Year 2016-17, CalRecycle provided only \$12 million in GGRF grants for digestion projects, a sum which does not even provide for the siting of a single anaerobic digestion (AD) facility with 100 tons of organic waste per day capacity. The Governor, the California Air Resources Board (CARB) and CalRecycle should consider allocating more funding to projects with significant methane reduction benefit potential, such as AD infrastructure or co-digestion projects at wastewater treatment facilities.

- General Comment - The SB 1383 Regulatory Concepts presented in previous workshops propose expanding AB 876 (Chapter 593 of the 2015 state statute) organics recycling capacity requirements to include plans by jurisdictions to address insufficient capacity. CalRecycle should clarify whether regulations developed pursuant to SB 1383 have the authority to expand requirements established by AB 876. If not, AB 876 requirements should not be expanded. Furthermore, infrastructure capacity and planning should be limited to counties and regional agencies, since solid waste disposal and diversion planning is conducted more effectively on a countywide and regional scale.

EDIBLE FOOD RECOVERY:

Local Jurisdiction Concepts:

- Slide 41 - Proposition 218 requires that local governments must hold an election for any new property-related fees. Refuse collection fees are exempted from this requirement. The draft definition of edible food states that edible food is not solid waste. Therefore, it may be difficult to impose a fee on generators of edible food due to Proposition 218 requirements if edible food is not considered solid waste.

Additional Issues to Consider

- Slide 4 – CalRecycle has specified that food waste makes up 18.1 percent of the disposal stream. It will be very difficult to quantify the progress in reaching the goal to recover 20 percent of edible food that is currently disposed of in landfill, because there is no existing data on how much of the food waste in the disposal stream is actually edible. CalRecycle's upcoming waste characterization study should quantify the amount of edible food in the waste stream.
- Slide 41 – If edible food is no longer considered solid waste, a significant portion of the disposal stream will no longer be considered. This means that a greater percentage of other types of organic waste will need to be diverted from landfill disposal to meet the 50 percent and 75 percent diversion goals. As such, is it the intent of CalRecycle to further require expansion of organic waste recycling programs by jurisdictions?

Tracking and Reporting of Edible Food Recovery:

- Slide 49 - Jurisdictions and generators of edible food should not be responsible for tracking food donation data. Tracking should be done by food recovery organizations.

REPORTING:

Tracking Organic Waste Disposal and Methane Reduction Mandate:

- General Comment - The regulations should address how methane leakage will be avoided. There are limitations on the regulation of interstate commerce as it pertains to directing the flow of solid waste (including the organic portion), as established by the U.S. Supreme Court ruling on *C&A Carbone, Inc. v. Town of Clarkstown* in 1994. Therefore, there can be no prohibition on transporting organic waste to solid waste management facilities located outside of California and/or in foreign countries with lax solid waste regulations and low tipping fees. For example, if organic waste is transported to Arizona, it will then be disposed of in landfills, negating the intention of SLCP Strategy.

MARKET DEVELOPMENT:

Comments:

- General Comment - Any regulations pertaining to markets for organic waste by-products should consider the amount and type (woody, green, or other) of organic waste materials and by-products generated throughout the year. The regulations should consider where this organic waste material can be stored and how much space will be needed for storage of this material if it cannot be put on the market immediately, because organic waste materials and possibly by-products stored in piles can generate heat that could potentially cause fires and can also release greenhouse gases (GHGs). The regulations should also ensure that storage and/or management of organic waste materials and appropriate by-products are consistent with the requirements of other State agencies, including, but not limited to, the California Department of Food and Agriculture and the California Department of Forestry and Fire Protection.
- General Comment - The regulations should incentivize the development of alternatives to AD and composting. A substantial amount of organic waste and digestate remains after the AD process, and composting it all is not feasible in urban settings. The draft language deems organic waste sent to an operation or facility with processes that reduce SLCPs as determined by the Executive Officer of CARB to constitute a reduction of landfill disposal. Because non-combustion thermal conversion of digestate and other residuals from organic waste processing reduces SLCPs, the regulations should include these non-combustion thermal conversion technology processes as an acceptable means to reduce landfill disposal of organic waste as determined by the Executive Officer of CARB.
- General Comment - The regulations for using chipping and grinding and land application to manage organic waste should incorporate input from the California Department of Public Health, Food and Agriculture, and the State Water Resources

Control Board to ensure public health and safety while protecting our natural resources an environment.

MISCELLANEOUS AND OTHER COMMENTS:

Additional Comments:

- General Comment - CalRecycle and CARB must develop regulations within the framework of state law. The implementing regulations should not exceed the authority granted in the law to the point that they are neither cost-effective nor feasible.
- Slide 4 - The regulations should target the types of organic waste that are the greatest sources of methane production. For example, lumber generates little methane and the diversion of lumber from landfill should not be given equal priority to other types of organic waste such as food waste that generate large amounts of methane.

Pursuant to Chapter 3.67 of the Los Angeles County Code and the California Integrated Waste Management Act of 1989 (Assembly Bill 939 [AB 939], as amended), the Task Force is responsible for coordinating the development of all major solid waste planning documents prepared for the County of Los Angeles and the 88 cities in Los Angeles County with a combined population in excess of ten million. Consistent with these responsibilities and to ensure a coordinated, cost-effective, and environmentally sound solid waste management system in Los Angeles County, the Task Force also addresses issues impacting the system on a countywide basis. The Task Force membership includes representatives of the League of California Cities-Los Angeles County Division, County of Los Angeles Board of Supervisors, City of Los Angeles, the waste management industry, environmental groups, the public, and a number of other governmental agencies.

We respectfully request CalRecycle to address these questions, concerns, and recommendations in the next stakeholder workshop and any upcoming draft regulations.

Should you have any questions regarding these comments, please contact Mr. Mike Mohajer, a member of the Task Force, at MikeMohajer@yahoo.com or at (909) 592-1147.

Sincerely,



Margaret Clark, Vice-Chair
Los Angeles County Solid Waste Management Committee/
Integrated Waste Management Task Force and
Council Member, City of Rosemead

Mr. Scott Smithline

July 21, 2017

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cc: CalRecycle (Howard Levenson, Mark de Bie, Cara Morgan, Chris Bria & Graham Marshalle)
California Air Resources Board (Mary Nichols and David Mallory)
League of California Cities
League of California Cities, Los Angeles Division
California State Association of Counties
Each Member of the Los Angeles County Board of Supervisors
Sachi A. Hamai, Los Angeles County Chief Executive Officer
Each City Mayor/Manager in the County of Los Angeles
South Coast Air Quality Management District
South Bay Cities Council of Governments
San Gabriel Valley Council of Governments
Gateway Cities Counsel of Governments
Southern California Association of Governments (Carl Morehouse and Huasha Liu)
Each City Recycling Coordinator in Los Angeles County
Each Member of the Los Angeles County Integrated Waste Management Task Force
Each Member of the Task Force Alternative Technology Advisory Subcommittee
Each Member of the Task Force Facility Plan Review Subcommittee

SB 1383 - Regulatory Capacity Planning Concepts

The waste sector aspects of SB 1383 ultimately require California to reduce the disposal of organic waste by 75 percent, and to recover 20 percent of edible food currently disposed, by 2025. Achieving these targets is the shared responsibility of the public, industry, local governments, and the state. The reduction targets will require a significant expansion of recycling infrastructure and capacity. To help ensure that necessary planning steps are taken as soon as possible, CalRecycle proposes to include minimum levels of capacity planning in the SB 1383 regulations. These 1383 planning concepts build and expand upon planning requirements enshrined in SB 876 (McCarty, Chapter 446, Statutes of 2016). The proposed planning concepts would be reported to CalRecycle on an annual basis.

CalRecycle is seeking feedback from stakeholders on the proposed concepts. CalRecycle will be incorporating feedback received at this workshop and previous workshops, as well as written stakeholder comments into draft regulatory text that will be shared at an October 30th and November 2nd workshop.

I. Identify Existing Capacity and Disposal

A. Organic Waste

1. Commencing January 1, 2022, counties in coordination with the cities and, if applicable, regional agencies within the county:
 - i. Estimate the amount of organic waste that is currently disposed and the amount that would be disposed by the county in 2025 and every year thereafter for a 15-year period.
 - ii. Identify existing organic waste recycling capacity that is verifiably available. Note: Capacity is for all organic waste, including wood and paper.
 - iii. Based on the amount that is projected for disposal in (i) and the existing capacity identified in (ii), identify the amount of additional organics recycling capacity that would be needed to ensure that no less than 75 percent of organic waste can be recycled by 2025 and every year thereafter.
 - iv. Identify the amount of existing (existing capacity that is additional to what was identified in ii above), new or expanded organic waste recycling capacity that will be available to the county and its cities by 2025 and every year thereafter.

B. Edible Food

1. Commencing January 1, 2022, counties in coordination with the cities and, if applicable, regional agencies within the county:
 - i. Identify large generators of recoverable edible food that are located within the county (i.e. large supermarkets and restaurants, single day venues and events serving more than 2,000 people.)
 - ii. Estimate the amount of edible food that will be disposed by the county and its cities in 2025 and every year thereafter for a 15-year period.
 - iii. Identify existing capacity at edible food recovery organizations that is available to recover food from edible food generators in the county and cities within the county.
 - iv. *Based on the amount that is projected for disposal in (ii) and the existing capacity identified in (iii), identify the amount of edible food that will need to be recovered to ensure that no less than 20 percent of edible food is recovered in 2025 and every year thereafter.*

SB 1383 - Regulatory Capacity Planning Concepts

- v. Identify the amount of existing (existing capacity that is additional to what was identified in iii above), new or expanded food recovery capacity that will be available to the county or region by 2025.
- vi. *If the total amount of available capacity will be insufficient to meet the needs of the county and cities within the county, identify potential areas that have appropriate zoning for additional edible food recovery facilities.*

C. For the above planning activities:

- i. Conduct community outreach to inform citizens, including but not limited to disadvantaged communities, about areas being considered for potential expanded or new facilities and seek their input on the benefits and impacts that would be associated with facilities built in those areas.
- ii. Consult with owners and operators of existing facilities to gather information on the impact of the capacity of any new or expanded infrastructure relative to those existing facilities.

II. Planning for Organic Waste Recycling and Edible Food Recovery

If a jurisdiction has not been able to adequately demonstrate that it has secured or plans to secure the needed capacity in Section I, the jurisdiction will prepare an implementation schedule to secure access to new capacity.

A. Implementation Schedule

- 1. Submit an implementation schedule to CalRecycle that demonstrates how it will secure access to existing, new or expanded capacity by 2025 and annually thereafter for the organic materials and recovered edible food collected from within the jurisdiction. The implementation schedule includes timelines and milestones for:
 - i. The planning efforts the jurisdiction will employ to identify and secure access to sufficient capacity.
 - ii. Planned or previous rate increases that are designed to fund organics recycling.
 - i. Identify how additional capacity will be secured, e.g., designated areas that have appropriate zoning for additional facilities, information on the status of identifying zones as potential areas for zoning facilities, etc.

III. Stakeholder Questions and Considerations

- A. Are there other aspects of capacity planning that could or should be conducted at the local level? For example, for edible food recovery should there be a focus on delivery and or distribution infrastructure that could impact edible food recovery options?
- B. Are there other factors that should be incorporated into an implementation schedule?
- C. In addition to contracted capacity, are there other methods to demonstrate that capacity is, or will be, verifiably available to a jurisdiction?

SB 1383 - Regulatory Market Development Concepts

SB 1383 requires Californians to reduce the disposal of organic waste in landfills by 75 percent, and to recover 20 percent of edible food currently disposed, by 2025. It is the shared responsibility of the public, industry, local governments, and the state to achieve these targets. Doing so will require stable markets for recycled organic products. To the extent possible CalRecycle will seek to bolster markets for recycled organic products through regulations. The department will also continue to promote non-regulatory efforts to improve markets through funding and other financial mechanisms, as well as interagency programmatic efforts such as the Healthy Soils Initiative.

CalRecycle is seeking feedback from stakeholders on the proposed regulatory concepts. The department will be incorporating feedback received at this workshop and previous workshops, as well as written stakeholder comments into draft regulatory text that will be shared at our October 30th and November 2nd workshops.

Procurement and Purchasing

I. Compost, Mulch and Paper Products

A. Establish minimum use and procurement standards for waste-derived compost, mulch and recycled paper

1. Mulch use standards for landscaping on publicly owned lands and large commercial properties.
 - i. Consider extending Department of General Services (DGS) Management Memo 15-06 standard of a minimum of 3" of mulch on all exposed soils of planting areas.
2. Compost and/or mulch minimum application standards for new landscaping projects.
 - i. Consider Department of Water Resources (DWR) Model Water Efficient Landscape Ordinance (MWELo) standard of 4 cubic yards of compost per 1000 square feet.
 - ii. Consider MWELo standard of a minimum of 3" of mulch on all exposed soils of planting areas.
3. Post-consumer recycled content products and compostable or recyclable products procurement standards (e.g. paper, cardboard, food service items).
 - i. Consider extending State Agency Buy Recycled Campaign (SABRC) procurement standards for recycled organic materials and products to jurisdictions.

B. Questions and Stakeholder Considerations

1. Is there a metric that can be tied to mandatory compost use as the local level (e.g acreage of arable land)?
2. Are there other mandatory compost uses that should be addressed, such as for storm water management, or for site remediation?
3. Are there other concepts that would encourage local use of recycled organic materials?
4. Are there regulatory measures that could responsibly strengthen compost market transparency?

II. Biogas

SB 1383 directed the California Energy Commission (CEC) to include recommendations for the development and use of renewable natural gas (RNG) in the 2017 Integrated Energy Policy Report (IEPR). Earlier this year the CEC initiated a public process for developing these recommendations, including interagency coordination kicked off by a public workshop in June of this year. Additional information on the IEPR Process can be found here: http://www.energy.ca.gov/2017_energypolicy/index.html

The recommendations from the CEC will consider interactions with complementary state policies, including the organic waste reduction targets of SB 1383. State agencies, including CalRecycle, are directed by SB 1383 to

SB 1383 - Regulatory Market Development Concepts

consider and, if appropriate, adopt policies in line with the IEPR recommendations to increase the sustainable production and use of RNG.

IEPR policy recommendations relative to use of RNG that is derived from the waste sector could be incorporated into the SB 1383 rulemaking. CalRecycle and ARB are seeking feedback on concepts relative to purchasing and use of RNG derived from organic waste recycling. Additionally CEC will continue the public IEPR process through this year.

A. Stakeholder Questions and Considerations

1. What role can locally owned utilities play in generating demand for RNG generated through the recycling of organic waste?
2. To what extent can publicly owned natural gas-powered fleets utilize RNG as vehicle fuel when available?
3. To what extent can haulers of organic waste utilize RNG as vehicle fuel when available?
4. Are there other entities that are large purchasers of natural gas that could be replaced with RNG?
5. Are there appropriate procurement levels that should set and required for certain entities?

III. Identifying Policies and Ordinances That Conflict With SB 1383 Targets

Stakeholders have indicated that some local ordinances or policies could present barriers to the successful implementation of SB 1383. These are ordinances that may unnecessarily restrict the flow of organic waste, or the utilization of recycled organic waste. CalRecycle is interested in receiving further information regarding these types of policies or ordinances, to assess their impact on the state's Short Lived Climate Pollutant goals, and determine if there is any action needed to address them.

A. Stakeholder Questions and Considerations

1. Are there policies that restrict or prohibit jurisdictions, generators or haulers from sending organic waste to existing organic waste recycling facilities or activities?
2. Are there policies that prevent organic waste recycling facilities from accepting organic waste based on the origin of the waste?