



AGENDA

Garden Grove Sanitary District
Board of Directors

Tuesday, March 22, 2016

6:30 PM

Community Meeting Center, 11300
Stanford Avenue, Garden Grove, CA
92840

Christopher V. Phan

President

Kris Beard

Vice President

Phat Bui

Member

Steven R. Jones

Member

Bao Nguyen

Member

Meeting Assistance: Any person requiring auxiliary aids and services, due to a disability, to address the Sanitary District should contact the City Clerk's Office 72 hours prior to the meeting to arrange for accommodations. Phone: 714) 741-5040.

Agenda Item Descriptions: Are intended to give a brief, general description of the item. The Sanitary District may take legislative action deemed appropriate with respect to the item and is not limited to the recommended action indicated in staff reports or the agenda.

Documents/Writings: Any revised or additional documents/writings related to an item on the agenda distributed to all or a majority of the Sanitary District Members within 72 hours of a meeting, are made available for public inspection at the same time (1) in the City Clerk's Office at 11222 Acacia Parkway, Garden Grove, CA 92840, during normal business hours; (2) on the City's website as an attachment to the Sanitary District meeting agenda; and (3) at the Council Chamber at the time of the meeting.

Public Comments: Members of the public desiring to address the Sanitary District are requested to complete a pink speaker card indicating their name and address, and identifying the subject matter they wish to address. This card should be given to the City Clerk prior to the start of the meeting. General comments are made during "Oral Communications", and should be limited to matters under consideration and/or what the Sanitary District has jurisdiction over. Persons wishing to address the Sanitary District regarding a Public Hearing matter will be called to the podium at the time the matter is being considered.

Manner of Addressing the Sanitary District: After being called by the President, you may approach the podium, it is requested that you state your name for the record, and proceed to address the Sanitary District. All remarks and questions should be addressed to the Sanitary District as a whole and not to individual Sanitary District Members or staff members. Any person making impertinent, slanderous, or profane remarks or who becomes boisterous while addressing the Sanitary District shall be called to order by the President. If such conduct continues, the President may order the person barred from addressing the Sanitary District any further during that meeting.

Time Limitation: Speakers must limit remarks for a total of (5) five minutes. When any group of persons wishes to address the Sanitary District on the same subject matter, the President may request a spokesperson be chosen to represent the group, so as to avoid unnecessary repetition. At the Sanitary District's discretion, a limit on the total amount of time for public comments during Oral Communications and/or a further limit on the time allotted to each speaker during Oral

Communications may be set.

PLEASE SILENCE YOUR CELL PHONES DURING THE MEETING.

AGENDA

Open Session

6:30 PM

ROLL CALL: MEMBER BUI, MEMBER JONES, MEMBER NGUYEN, VICE
PRESIDENT BEARD, PRESIDENT PHAN

1. ORAL COMMUNICATIONS (to be held simultaneously with other legislative bodies)

2. CONSENT ITEMS

(Consent Items will be acted on simultaneously with one motion unless separate discussion and/or action is requested by a Sanitary District Member.)

2.a. Approval of the Garden Grove Sanitary District's Implementation Plan for the State Mandated Commercial Organics Recycling Program. *(Action Item)*

2.b. Receive and file the minutes from the February 23, 2016, meeting. *(Action Item)*

3. PUBLIC HEARINGS

(Motion to approve will include adoption of each Resolution unless otherwise stated.)

4. ITEMS FOR CONSIDERATION

5. MATTERS FROM THE PRESIDENT, BOARD MEMBERS AND GENERAL
MANAGER

6. ADJOURNMENT

The next Regular Meeting will be held on Tuesday, April 26, 2016, at 6:30 p.m. in the Community Meeting Center, 11300 Stanford Avenue, Garden Grove.

Garden Grove Sanitary District

INTER-DEPARTMENT MEMORANDUM

To:	Scott C. Stiles	From:	William E. Murray
Dept.:	General Manager	Dept.:	Public Works
Subject:	Approval of the Garden Grove Sanitary District's Implementation Plan for the State Mandated Commercial Organics Recycling Program. (<i>Action Item</i>)		
		Date:	3/22/2016

OBJECTIVE

The purpose of this report is to obtain approval of the Garden Grove Sanitary District's (District) Implementation Plan for the State mandated Commercial Organics Recycling Program.

BACKGROUND

Assembly Bill (AB) 1826 (Chapter 727, Statutes of 2014) was signed into law in September 2014. Beginning April 1, 2016, this legislation requires businesses, including multi-family residential dwellings that consist of five or more units, to arrange for the recycling of their organic waste, depending on the amount of organic waste they generate per week. AB 1826 also requires local jurisdictions to implement organic waste recycling programs to divert from landfills organic waste from businesses subject to the law, and to report progress on implementing their programs to CalRecycle.

Organic waste means food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed with food waste. Mandatory recycling of organic waste is the next step toward achieving California's aggressive recycling and greenhouse gas (GHG) emission goals. California disposes approximately 30 million tons of waste in landfills each year, of which more than 30% could be used for compost or mulch. Organic waste such as green materials and food materials are recyclable through composting and mulching, and through anaerobic digestion, which can produce renewable energy and fuel. GHG emissions resulting from the decomposition of organic wastes in landfills have been identified as a significant source of emissions contributing to global climate change. Reducing the amount of organic materials sent to landfills and increasing the production of compost and mulch are part of the AB 32 (California Global

DISCUSSION

Beginning this year, California jurisdictions are required to have a Commercial Organics Recycling Program in place. Staff has worked with Republic Services to create a program and implementation plan for the District and now seeks Board approval of both.

Effective April 1, 2016, AB 1826 will require certain businesses to separate their food scraps and yard trimmings for composting or anaerobic digestion. Businesses meeting certain criteria must arrange for recycling services for the following types of organic waste: food waste, green waste, landscape and pruning waste, nonhazardous wood waste and food soiled paper. Multifamily complexes of five units or more must also arrange for recycling services for the same material, with the exception of food waste and food soiled paper.

The State of California has established the following implementation dates and thresholds for AB 1826's requirements:

- January 1, 2016 – Generators identified. Generators will be provided outreach and education based on the threshold set forth by CalRecycle.
- April 1, 2016 – Businesses that generate eight cubic yards of organic waste per week shall arrange for organic waste recycling services.
- January 1, 2017 – Businesses that generate four cubic yards of organic waste per week shall arrange for organic waste recycling services.
- August 1, 2017 and ongoing – The District will include information about implementation and progress in its annual report submitted to CalRecycle.
- Fall 2018 – After receipt of the 2017 annual reports submitted on August 1, 2018, CalRecycle will conduct its formal review of those jurisdictions that are on a two year review cycle.
- January 1, 2019 – Businesses that generate four cubic yards or more of commercial solid waste per week shall arrange for organic waste recycling services.
- January 1, 2020 - On or after January 1, 2020, if CalRecycle determines that the statewide disposal of organic waste has not been reduced by 50 percent of the level of disposal in 2014, the organic recycling requirements on businesses will expand to cover businesses that generate two cubic yards or more of commercial solid waste per week. Additionally, certain exemptions may no longer be available if the 2020 target is not met.
- Fall 2020 - After receipt of the 2019 annual reports submitted on August 1, 2020, CalRecycle shall conduct its formal review of all jurisdictions.

The District contracts with Republic Services, Inc. ("Republic") to provide solid waste management services within its jurisdiction. Republic Services will be the primary facilitator of this mandatory Commercial Organics Recycling Program. Public Works staff will provide program coordination, including monitoring and oversight, and will meet annually with CalRecycle staff to discuss progress achieved.

Republic will identify and notify those businesses to which the new commercial organic recycling requirements apply and provide education and outreach to these businesses regarding the requirements. A green waste collection program is already available, and Republic will continue to offer this service to qualifying businesses and multifamily complexes. In addition, beginning in April, Republic will make a new source separated food waste collection program available to qualifying commercial customers. The additional costs to implement this new program are not yet known.

FINANCIAL IMPACT

Initially, the incremental additional costs of implementing the Mandatory Commercial Organics Recycling Program will be borne primarily by Republic pursuant to the franchise agreement between Republic and the District. Ultimately, it is anticipated that the costs of the new Program will be funded by the commercial customers to which AB 1826's mandates apply. Although Republic, not the City, sets the rates it charges to customers, a future amendment to the current franchise agreement may be needed to facilitate new or increased rates to fund the Program.

RECOMMENDATION

It is recommended that the Garden Grove Sanitary District Board:

- Approve the District's Implementation Plan for the State mandated Commercial Organics Recycling Program

By: A. J. Holmon III, Streets/Environmental Manager

ATTACHMENTS:

Description	Upload Date	Type	File Name
AB 1826 Mandatory Commercial Organics Recycling	2/25/2016	Cover Memo	Organics_Plan_Garden_Grove_Jan_2016_-_Attachment.pdf



To: City of Garden Grove, Public Works Department

Date: January 4, 2016

Re: AB 1826 Mandatory Commercial Organics Recycling

This memo provides a basic implementation plan for the City's Commercial Organics Recycling Program. Effective April 1, 2016, AB 1826 will require businesses to separate their food scraps and yard trimmings for composting or anaerobic digestion. The recycling requirements will be phased in over several years and will help the State meet its goal to recycle 75 percent of its waste by 2020. Businesses must arrange for recycling services for the following types of organic waste: food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper.

- Multifamily complexes of 5 units or more must arrange for recycling services for the same material with the exception of food waste and food-soiled paper.

[Tiered implementation schedule](#)

The new organic recycling requirements will be phased in over several years and will help the state meet its goal to recycle 75 percent of its waste by 2020.

- **January 1, 2016** - On and after this date, the City will have a commercial food waste program, as well as a green waste program. The City will identify generators and provide outreach based on the threshold set forth by CalRecycle.
- **April 1, 2016** - Businesses that generate 8 cubic yards of organic waste per week shall arrange for organic waste recycling services.
- **January 1, 2017** - Businesses that generate 4 cubic yards of organic waste per week shall arrange for organic waste recycling services.
- **August 1, 2017** and ongoing - The City will include information about implementation and progress in its annual report submitted to CalRecycle.
- **Fall 2018** - After receipt of the 2017 annual reports submitted on August 1, 2018, CalRecycle shall conduct its formal review of those jurisdictions that are on a two-year review cycle.
- **January 1, 2019** - Businesses that generate 4 cubic yards or more of commercial solid waste per week shall arrange for organic waste recycling services.

- **January 1, 2020** - On or after January 1, 2020, if CalRecycle determines that the statewide disposal of organic waste has not been reduced by 50 percent of the level of disposal in 2014, the organic recycling requirements on businesses will expand to cover businesses that generate 2 cubic yards or more of commercial solid waste per week. Additionally, certain exemptions may no longer be available if the 2020 target is not met.
- **Fall 2020** - After receipt of the 2019 annual reports submitted on August 1, 2020, CalRecycle shall conduct its formal review of all jurisdictions. Note: CalRecycle shall continue to conduct the two and four-year reviews after this cycle.

Identifying generators

In preparation for phase one of the implementations, the City's hauler qualified generators using the Service Level Generation Based Tool.

The total weekly volume was determined by using the size of the containers and frequency of the pickup.* For example, if a restaurant has the following subscription level its total weekly volume = $(2 \times 4) + (2 \times 2) + (2 \times 2) = 16$ cubic yard/week

- Trash: one 2 cubic yard bin picked up 4 times/week
- Recycling: one 2 cubic yard bin picked up 2 times/week
- Green waste: one 2 cubic yard bin picked up 2 times/week

After calculating the total weekly volume, the list was sorted by descending order and the minimum service level was applied using 18 cubic yards, based on the estimated commercial organic waste generation ratio (36%)* from the 2014 Waste Characterization Study. *This includes all organic materials not just the materials defined in AB1826.

After filtering the data by weekly service level the hauler further refined the list of generators based on its knowledge of the businesses waste materials composition. Businesses that do not generate 8 cubic yards or more of organics per week were reclassified.

Commercial Customers	Less than 18 Yards of Waste Per Week	Multifamily (Green Waste)	18 Plus Yards of Waste Per Week	Not Qualified Based on Hauler's Knowledge of Materials	Possibly Qualified for Phase I Food Waste Program (8 C.Y. Organics)
892	191	104	242	67	104

The commercial business generator list shall be used to target outreach, education and monitoring activities. The City and its hauler will encourage business and multifamily generators to commit to reducing food and green waste by following the source reduction hierarchy; reduce, food rescue and recycle. Businesses that are diverting food and green waste in some other manner such as back hauling will be asked to report all efforts to reducing organic waste to the franchise hauler. Once identified these businesses may be reclassified as meeting the threshold.

Green waste

The City will continue to offer its existing green waste collection program to all qualifying businesses and multifamily complexes with 5 or more units. The green waste collection program includes organic materials generated from landscapes or gardens, pruning waste and nonhazardous wood waste. The green waste collection program does not include large stumps or branches in bundles exceeding eighteen (18) inches in diameter or four (4) feet in length.

Food waste

A new source separated food waste collection program will be added to the menu of services currently offered by the City's franchise hauler. This service will become available to businesses in accordance to the tiered implementation schedule beginning in April 2016.

The cost of the new food waste collection program including funding for containers, collection vehicles, collection equipment, processing, public education, reporting, advertising, labor, and principal and interest payments, regulatory and other relevant cost program will be determined. The City will incorporate the cost of the commercial mandatory organics collection program into the rate schedule. Regardless if the business participates in the food waste recycling program, the rate charged will be the rate specified in the Exhibit for commercial premises.

- Once businesses have been notified, they may contact the hauler to subscribe to the food waste program.
- Containers specifically designated for source separated food waste will be provided by the hauler once a business subscribes to the food waste collection program.
- A "how-to" brochure will be provided to help businesses get started.
- Participants in the food waste collection program will be encouraged to bag food waste to reduce odors and to clean their bin(s) at least once a week.
- Signs and posters will be available in English and Spanish to help increase participation.
- Container decals will include English/Spanish along with photos illustrating which foods are acceptable and which are not acceptable.

Customers will be instructed to monitor the purity of materials to minimize contamination. Unfortunately, it only takes a fork or a little bleach to contaminate an entire load causing the entire load of food waste to be rejected by the processor and diverted to the landfill. If a driver(s) deems a load to be contaminated, the customer will be responsible for correcting the issue(s) before the container can be serviced.

Green waste and food waste are collected in separate trucks and undergo very different post-collection processes; therefore, they cannot be mixed or combined inside the same container. Customers must indicate the type(s) of materials when contacting the hauler to subscribe. The food waste program is not available to multifamily complexes during phase one.

Acceptable items include:

·Fruit	·Vegetables	·Cheese	·Meat
·Bones	·Poultry	·Seafood	·Coffee
·Bread	·Rice	·Pasta	·Eggs
·Tea Bags	·Coffee Filters		

Unacceptable items include:

·Glass/Plastic	·Tin/Metal	· Containers/Lids	·Cleaning Supplies
·Latex Gloves	·Chemicals	·Straws	·Utensils

Education and Outreach

- Beginning in January, 2016 periodic messages about AB1826 will appear on the invoices.
- Prior to April 1, 2016, a notification will be mailed to commercial and multifamily generators who meet the threshold according to the implementation schedule.
- The City and its hauler will provide public education, news media, social media and other such press releases that become necessary to keep participants informed about the program.
- An online survey will be available to collect data about food recovery efforts and self-hauling (green waste only).
- Waste assessments are available to help determine the right level of service.
- The City and the hauler will provide information regarding end use food providers to make the most of the food recovery, including links to food recovery programs.
- Republic Services continues to work with its partners to develop new infrastructure in Orange County for anaerobic digestion, which may become a more viable solution as implementation ramps up.

Milestones Master Implementation Plan 2015 - 2016

December 2015	Develop and finalize the Implementation Plan	In Progress	Republic/City
December 2015	Identify generators	In Progress	Republic
January 2016	Route wet/dry organics collection truck	Completed	Republic
January 2016	Present change in the law and approve rate	Not Started	City
January 2016	Purchase equipment and containers	Not Started	Republic
February 2016	Notify customers	Not Started	Republic
March 2016	Sign-up customers, deliver containers	Not Started	Republic
March 2016	Education and outreach	In Progress	City/Republic
April 1, 2016	Begin food waste program	Not Started	Republic

Reporting

Beginning August 1, 2017 the City will report participation levels as part of its annual report to CalRecycle using the following format:

- Customer name
- Physical address
- Size of container(s) trash, recycling and organics in cubic yards
- Frequency of pickup

Exemptions

Exemptions will be limited based upon the criteria established by CalRecycle.

Garden Grove Sanitary District

INTER-DEPARTMENT MEMORANDUM

To: Scott C. Stiles From: Kathy Bailor
Dept.: General Manager Dept.: City Clerk
Subject: Receive and file the minutes Date: 2/23/2016
from the February 23, 2016,
meeting. (*Action Item*)

Attached are the minutes from the meeting held February 23, 2016, for the Sanitary District Board to review and take action to receive and file.

ATTACHMENTS:

Description	Upload Date	Type	File Name
February 23, 2016, minutes	3/17/2016	Backup Material	February_23__2016.pdf

The motion carried by a 5-0 vote as follows:

Ayes: (5) Beard, Bui, Jones, Nguyen, Phan
Noes: (0) None

MINUTES (F: Vault)

It was moved by Member Jones, seconded by Member Beard that:

The minutes from the meeting held on January 26, 2016, be received and filed.

The motion carried by a 5-0 vote as follows:

Ayes: (5) Beard, Bui, Jones, Nguyen, Phan
Noes: (0) None

ADJOURNMENT

At 7:05 p.m., President Phan adjourned the meeting. The next meeting is scheduled for Tuesday, March 22, 2016, at 6:30 p.m. at the Community Meeting Center, 11300 Stanford Avenue, Garden Grove, California.

Kathleen Bailor, CMC
Secretary