

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2017)

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Summary

Jurisdiction: Los Angeles Area Integrated Waste Management Authority
Report Year Filed: 2017
Report Status: Submitted

Submitted Information

Date Report Submitted: Tuesday, July 31, 2018
Report Submitted By:
Julie Jacobe (julie.ann.jacobe@lacity.org)

Jurisdiction Contact

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Disposal Rate Calculation

Definition of Terms

Reporting-Year Disposal Amount (tons) – defaults to the total tonnage disposed in the Reporting-Year by a jurisdiction as reported to the Disposal Reporting System (DRS). Disposal contains all jurisdiction waste that was disposed in CA landfills, transformation facilities, and exported out-of-state. Any changes will require you submit a Reporting Year Disposal Modification Certification Sheet (PDF). See User's Guide or contact LAMD representative if uncertain.

Disposal Reduction Credits - the EAR calculator will subtract these credits from your requested total in the Reporting-Year Disposal Amount field. Requesting credits will require you submit a Reporting Year Disposal Modification Certification Sheet (PDF). Descriptions of these credits can be found on that sheet. See EAR User's Guide or contact LAMD representative if uncertain.

Reporting-Year Transformation Waste (tons) – defaults to the total tonnage of waste sent in the Reporting-Year by a jurisdiction to a CalRecycle-permitted transformation facility as reported to the Disposal Reporting System (DRS). Transformation is factored into the Per Capita rate only, and is not deductible. To eliminate the Per Capita credit for transformation tonnage, change the Reporting-Year Transformation Waste (tons) number to 0.00.

Reporting-Year Population – January 1st estimate of the number of inhabitants occupying a jurisdiction in the Reporting-Year as prepared by the California Department of Finance (DOF)

Reporting-Year Employment – the estimate of the annual average number of employees by jurisdiction in the Reporting-Year as prepared by the California Employment Development Department (EDD).

Additional Definitions - for additional definitions and/or acronym descriptions, see the LGCentral Glossary.

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Green Material ADC (tons):	18,860.01
Reporting-Year Disposal Amount (tons):	5,077,773.80
Disposal Reduction Credits (Reported):	
Disaster Waste (tons):	0.00
Medical Waste (tons):	0.00
Regional Diversion Facility Residual Waste (tons):	0.00
C & D Waste (tons):	0.00
Class II Waste (tons):	0.00
Out of State Export (Diverted) (tons):	0.00
Other Disposal Amount (tons):	0.00
	<hr/>
Total Disposal Reduction Credit Amount (tons):	0.00
	<hr/>
Total Adjusted Reporting-Year Disposal Amount (tons):	5,077,773.80
Reporting-Year Transformation Waste (tons):	74,619.45

Reporting Entity	Quarter	Destination Facility	Transformation Ton
Los Angeles	1	Commerce Refuse-To-Energy Facility	6,875.26
Los Angeles	1	Southeast Resource Recovery Facility	17,675.62
Los Angeles	2	Commerce Refuse-To-Energy Facility	5,583.38
Los Angeles	2	Southeast Resource Recovery Facility	17,945.60
Los Angeles	3	Commerce Refuse-To-Energy Facility	5,089.50
Los Angeles	3	Southeast Resource Recovery Facility	12,880.62
Los Angeles	4	Southeast Resource Recovery Facility	8,546.13
Los Angeles	2	Covanta Stanislaus, Inc.	10.56
Los Angeles	3	Covanta Stanislaus, Inc.	12.78

Reporting-Year Population:	4,931,462
Reporting-Year Employment:	2,094,378

Reporting-Year Calculation Results (Per Capita)

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	Population		Employment	
	Target	Annual	Target	Annual
Disposal Rate without Transformation (pounds/person/day):		5.6		13.3
Transformation Rate (pounds/person/day):	1.4	0.1	3.5	0.2
The Calculated Disposal Rate (pounds/person/day)	7.1	5.5	17.5	13.1

As of January 1, 2020, the use of green material as alternative daily cover (ADC) will be considered disposal in terms of measuring a jurisdiction's annual 50 percent per capita disposal rate.

	Population		Employment	
	Target	Annual	Target	Annual
Calculated Disposal Rate w/out Green Material ADC:		5.5		13.1
Green Material ADC Rate:		0.0		0.0
Disposal Rate with Green Material ADC:		5.5		13.1

Calculation Factors

If either 1. Alternative disposal or 2. Deductions to DRS boxes are checked, please complete, and sign the [Reporting Year Disposal Modification Certification Sheet \(PDF\)](#) and save to your computer. You may enter the data and save the Disposal Modification Form to your computer. Then either upload the sheet and supporting documentation using the [Document Upload Section](#) before submitting your report, or mail, e-mail or FAX to CalRecycle within 7 business days of submitting your report. If you are only claiming report-year disposal deductions for waste transported to a certified Transformation facility, you do not need to fill out the certification request.

If 3. Green Material ADC (AB 1594) box is checked: Pursuant to public Resources Code (PRC) Section 41781.3 [(AB) 1594 (Williams, Chapter 719, Statutes of 2014)], beginning in the 2017 EAR jurisdictions are required to include information on plans to address how green material that is being used as ADC will be diverted. Please describe in the box below the jurisdiction's plans to divert green material that is being used as ADC. Jurisdictions can review disposal facilities that assign green material ADC and the amount by using the mapping report on their own EAR launch page or by selecting the inflow/outflow mapping tool in LoGIC. It's the same mapping tool on the CalRecycle website but shows unfinalized DRS data so users with LoGIC and EAR access can see data as it's entered by CalRecycle staff and use preview data for next year.

More information is available on [CalRecycle's Green Material Used as Alternative Daily Cover \(ADC\)](#) webpage.

- 1. Alternative disposal tonnage
- 2. Deductions to DRS disposal tonnage
- 3. Green Material ADC (AB1594)

2017 Los Angeles Area Integrated Waste Management Authority Green Material ADC (tons): 18,860.01

Please describe in the box below the jurisdiction's plans to divert green material that is being used as ADC.

BEVERLY HILLS: Greenwaste that ends up at the landfill as ADC is delivered by self-hauler landscapers or private contractors. Currently, all of the greenwaste processed by our franchise hauler is processed as compost in Lamont, California. HERMOSA BEACH: Athens Services will take the material to their composting facility. LOS ANGELES: Commercial: Under the City of LA franchise contracts, recycLA Service Providers (RSPs) are prohibited from using greenwaste as ADC and must send material to a certified processing facility. Residential: LASAN used greenwaste for ADC only for a brief period in 2017. LASAN, under normal circumstances, does not send greenwaste for ADC. It is sent for composting or mulching. REDONDO BEACH: Athens will take the greenwaste that is currently being utilized as ADC to their Victorville composting facility. SIERRA MADRE: On January 1, 2020, with implementation of AB 1594 – Elimination of Diversion Credit for Greenwaste Used as Landfill ADC, Athens will guarantee 100% diversion of City greenwaste by utilizing American Organics or other composting facilities.

NOTE: Beginning with report year 2020, jurisdictions, as a result of not being able to claim diversion for the use of green material as ADC, that are not meeting the requirements of Section 41780, will be required to answer these additional questions:

- Identify and address barriers to recycling green material and,
- If sufficient capacity at facilities that recycle green material is not expected to be operational before the jurisdiction's next review pursuant to Section 41825, include a plan to address those barriers that are within the control of the local jurisdiction.

Although you will be able to submit your electronic Annual Report without completing a disposal modification form, your Annual Report will not be deemed complete until it is completed and received by CalRecycle. Contact your [LAMD representative](#) for details.

Questions and Responses

Rural Petition for Reduction in Requirements

Rural Petition For Reduction

1. **Question:**

Was your jurisdiction granted a Rural Petition for Reduction by CalRecycle? See [Jurisdictions with an Approved Petition for Rural Reduction](#)
For more information regarding Rural Petition For Reduction, go to [Rural Solid Waste Diversion Home Page](#).

Response:

No.

Newly Incorporated Cities

New City

1. **Question:**

Since the date of your last Annual Report, are there any newly incorporated cities within your county/regional agency?

Response:

No.

Disposal Rate Accuracy

Disposal Rate Accuracy

1. **Question:**

Are there extenuating circumstances pertaining to your jurisdiction's disposal rate that CalRecycle should consider, as authorized by the [Public Resources Code Section 41821\(c\)](#)? If you wish to attach additional information to your annual report, please send those items or electronic files to your LAMD representative; include a brief description of those files below. If so, please use the space below to tell CalRecycle.

Response:

No.

Planning Documents Assessment

Source Reduction and Recycling Element (SRRE)

1. **Question:**

Does the SRRE need to be revised?

Response:

No.

Household Hazardous Waste Element (HHWE)

2. **Question:**

Does the HHWE need to be revised?

Response:

No.

Non-Disposal Facility Element (NDFE)

3. Question:

Describe below any changes in the use of [nondisposal facilities](#), both existing and planned (e.g., is the jurisdiction using a different facility within or outside of the jurisdiction, has a facility closed, is a new one being planned).

Response:

There were 3 changes to NDFE in 2017:

- Facility #82 Glendale Metals proposed expansion to 2,000 tons per day of MSW, source-separated recyclables and CDI
- Facility #83 Angeles C&D Recycling Inc. proposed expansion to 100 tons per day of CDI and MSW
- Facility #84 WM Sun Valley Transfer Station new one acre site to process 100 tons per day

Non-Disposal Facility Element (NDFE)

4. Question:

Are there currently any nondisposal facilities that require a solid waste facility permit located (or planned to be sited) in your jurisdiction that are not identified in your NDFE?

Response:

No.

Summary Plan Assessment

Summary Plan

1. Question:

Does the Summary Plan need to be revised?

Response:

No. NA

Siting Element Assessment

Total County or Agency Wide Disposal Capacity

1. Question:

Based on the best available estimates of current and future disposal, how many years of disposal capacity does your county or regional agency have?

Response:

0

Total County or Agency Wide Disposal Capacity

2. Question:

If you do not currently have 15 years of disposal capacity, describe your strategy for obtaining 15 years of capacity.

Response:

NA

Siting Element Adequacy

3. Question:

Does the Siting Element need to be revised? The Siting Element will need to be revised if you have less than 15 years disposal capacity and have not described a strategy for obtaining 15 years disposal capacity.

Response:

No. NA

Areas of Concern / Conditional Approvals

Areas of concern

1. Question:

Did CalRecycle require your jurisdiction to address any areas of concern when determining the adequacy of your solid waste planning documents, or any of their elements?

Response:

No.

Conditional approvals

2. Question:

Did CalRecycle give conditional approval to any of your solid waste planning documents, or any of their elements?

Response:

No.

Additional Information

Additional Information

1. Question:

Is there anything else you would like to tell CalRecycle about unique or innovative efforts by your jurisdiction to reduce waste generation and increase diversion, about your jurisdiction's public education efforts, or about specific obstacles to reaching your jurisdiction's diversion goal? If you wish to attach additional information to your annual report, please use the "Document Management" button below to upload additional files or you can send them directly to your LAMD representative. Please include a brief description of those files in the text box below.

Response:

Yes. LARA maintains a website (www.laregionalagency.us) and social media accounts (Facebook - <https://www.facebook.com/LAregionalagency>, Twitter, and Pinterest) which provide information on source reduction, recycling, composting, and sustainability. LARA events as well as individual member city events are promoted and shared on these sites. MCR and MORE information is posted weekly.

Hauler Information

Parent Company:	
Hauler Name:	
Franchise Hauler:	No
Activities	
Notes:	

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New Hauler: No	Contract End Date:
Parent Company:	
Hauler Name:	
Franchise Hauler: No	
Activities	
Notes:	
New Hauler: No	Contract End Date:
Parent Company:	
Hauler Name:	
Franchise Hauler: No	
Activities	
Notes:	
New Hauler: No	Contract End Date:
Parent Company:	
Hauler Name:	
Franchise Hauler: No	
Activities	
Notes:	
New Hauler: No	Contract End Date:
Parent Company:	
Hauler Name:	
Franchise Hauler: No	
Activities	
Notes:	
New Hauler: No	Contract End Date:
Parent Company:	
Hauler Name:	
Franchise Hauler: No	
Activities	
Notes:	
New Hauler: No	Contract End Date:
Parent Company:	
Hauler Name:	
Franchise Hauler: No	

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Activities		
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:		
Franchise Hauler:	No	
Activities		
Notes:		
New Hauler:	No	Contract End Date:
This hauler does not operate in this jurisdiction.		
Parent Company:		
Hauler Name:		
Franchise Hauler:	No	
Activities		
Notes:		
New Hauler:	No	Contract End Date:
This hauler does not operate in this jurisdiction.		
Parent Company:		
Hauler Name:	AAA Rubbish - Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling Hauler - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	American Reclamation, Inc - Los Angeles	
Franchise Hauler:	No	
Activities		
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Atlas Consolidated Services - Los Angeles	
Franchise Hauler:	No	
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
Notes:		

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New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	AV Equipment Rentals - Newhall		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	Azteca Rubbish Control - Los Angeles		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	BG's Big Box Services - Canoga Park		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	Bins Bins Bins Inc - Los Angeles (Sun Valley)		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	Burrtec Waste Industries Inc - Bradbury		
Franchise Hauler:	Yes		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	06/30/2025
Parent Company:			

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Hauler Name:	CR and R Inc. - Artesia		
Franchise Hauler:	Yes		
Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Curbside Recycling Hauler - Residential, Solid Waste Hauler - Commercial, Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	10/31/2022
Parent Company:			
Hauler Name:	EDCO Waste and Recycling Services - Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	JJK- Torrance		
Franchise Hauler:	No		
Activities			
Notes:			
New Hauler:	No	Contract End Date:	
The hauler information is correct.			
Parent Company:			
Hauler Name:	Key Disposal - Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	Republic Services - Artesia		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential, Solid Waste Hauler - Commercial, Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	Republic Services - Rosemead		
Franchise Hauler:	Yes		

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Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Curbside Recycling Hauler - Residential, Solid Waste Hauler - Commercial, Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	No	Contract End Date:
The hauler information is correct.		
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Parent Company:		
Hauler Name:	United Pacific Waste - Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
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Parent Company:		
Hauler Name:	Universal Waste Systems - Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
<hr/>		
Parent Company:		
Hauler Name:	Waste Management - Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
<hr/>		
Parent Company:		
Hauler Name:	Waste Resources Inc. - Lynwood	
Franchise Hauler:	Yes	
Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Curbside Recycling Hauler - Residential, Solid Waste Hauler - Commercial, Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	No	Contract End Date:
The hauler information is correct.		
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Parent Company:	Arakelian Enterprises Inc.	
Hauler Name:	Athens Services - Palos Verdes Estates	
Franchise Hauler:	No	

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Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: Arakelian Enterprises Inc.			
Hauler Name: Athens Services - Redondo Beach			
Franchise Hauler: Yes			
Activities	Curbside Organics Hauler - Commercial,Curbside Organics Hauler - Residential,Curbside Recycling Hauler - Commercial,Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: Arakelian Enterprises Inc.			
Hauler Name: Athens Services - Sierra Madre			
Franchise Hauler: Yes			
Activities	Curbside Recycling Hauler - Commercial,Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	07/01/2022
The hauler information is correct.			
Parent Company: Arakelian Enterprises Inc.			
Hauler Name: Athens Waste Services - Hermosa Beach			
Franchise Hauler: No			
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: Arakelian Enterprises, Inc			
Hauler Name: Athens Services - City of LA			
Franchise Hauler: Yes			
Activities	Curbside Organics Hauler - Commercial,Curbside Recycling Hauler - Commercial,Solid Waste Hauler - Commercial,		
Notes:	West LA, North Central, and Harbor Contract includes two 5-year extension options.		
New Hauler:	Yes	Contract End Date:	02/01/2027
The hauler information is correct.			
Parent Company: Athens Services			
Hauler Name: Athens Services - Torrance			

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Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Commercial,Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: Burrtec			
Hauler Name:	Burrtec Waste Industries Inc - Duarte		
Franchise Hauler:	Yes		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	12/31/2020
Parent Company: CalMet Services			
Hauler Name:	CalMet Services - Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Commercial,Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: CalMet Services, Inc			
Hauler Name:	CalMet Services, Inc - City of LA		
Franchise Hauler:	Yes		
Activities	Curbside Organics Hauler - Commercial,Curbside Recycling Hauler - Commercial,Solid Waste Hauler - Commercial,		
Notes:	East Downtown Zone Contract includes two 5-year extension options		
New Hauler:	Yes	Contract End Date:	02/01/2027
The hauler information is correct.			
Parent Company: City of Los Angeles			
Hauler Name:	City of Los Angeles - Los Angeles		
Franchise Hauler:	No		
Activities	Curbside Organics Hauler - Residential,Curbside Recycling Hauler - Residential,Solid Waste Hauler - Residential,		
Notes:	Only greenwaste is collected for curbside organics - residential.		
New Hauler:	No	Contract End Date:	
The hauler information is correct.			
Parent Company: City of Los Angeles			
Hauler Name:	Los Angeles Sanitation - Los Angeles		
Franchise Hauler:	No		

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Activities	Curbside Organics Hauler - Residential, Curbside Recycling Hauler - Residential, Solid Waste Hauler - Residential,		
Notes:	Only greenwaste is collected for curbside organics - residential.		
New Hauler:	No	Contract End Date:	
The hauler information is correct.			
<hr/>			
Parent Company:	City of Pomona		
Hauler Name:	City of Pomona - Pomona		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential, Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
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Parent Company:	City of Pomona		
Hauler Name:	Pomona Solid Waste Division - Pomona		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential, Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
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Parent Company:	Consolidated Disposal Service, LL		
Hauler Name:	Republic Services - City of LA		
Franchise Hauler:	Yes		
Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:	Northeast Valley and South LA Contract includes two 5-year extension options.		
New Hauler:	Yes	Contract End Date:	02/01/2027
The hauler information is correct.			
<hr/>			
Parent Company:	CR and R		
Hauler Name:	CR and R - Torrance		
Franchise Hauler:	No		
Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
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Parent Company:	Crown Disposal Company Inc		
Hauler Name:	Crown Disposal Company - Beverly Hills		
Franchise Hauler:	No		

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Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Curbside Recycling Hauler - Residential, Solid Waste Hauler - Commercial, Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: Liberty Disposal Service			
Hauler Name: Liberty Disposal Service - Torrance			
Franchise Hauler: No			
Activities	Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: NASA Services, Inc.			
Hauler Name: NASA Services, Inc. - City of LA			
Franchise Hauler: Yes			
Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:	Downtown Zone Contract includes two 5-year extension options.		
New Hauler:	Yes	Contract End Date:	02/01/2027
The hauler information is correct.			
Parent Company: Patriot Services			
Hauler Name: Patriot Services - Torrance			
Franchise Hauler: No			
Activities	Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: Republic Services			
Hauler Name: Consolidated Disposal Service LLC - Artesia			
Franchise Hauler: No			
Activities	Curbside Recycling Hauler - Residential, Solid Waste Hauler - Commercial, Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: Republic Services			
Hauler Name: Republic Services - Torrance			
Franchise Hauler: No			

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Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: Serv-Wel Disposal			
Hauler Name: Serv-Wel Disposal - Torrance			
Franchise Hauler: No			
Activities	Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: Universal Waste Systems Inc.			
Hauler Name: Universal Waste Systems Inc - Rancho Palos Verdes			
Franchise Hauler: No			
Activities	Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company: Universal Waste Systems, Inc.			
Hauler Name: Universal Waste Systems, Inc. - City of LA			
Franchise Hauler: Yes			
Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:	Northeast Zone Contract includes two 5-year extension options.		
New Hauler:	Yes	Contract End Date:	02/01/2027
The hauler information is correct.			
Parent Company: USA Waste of California, Inc			
Hauler Name: Waste Management - City of LA			
Franchise Hauler: Yes			
Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:	West Valley and Southeast LA Zones Contract includes two 5-year extension options.		
New Hauler:	Yes	Contract End Date:	02/01/2027
The hauler information is correct.			
Parent Company: Ware Disposal			
Hauler Name: Ware Disposal - Torrance			
Franchise Hauler: No			

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Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:	Ware Disposal, Inc.		
Hauler Name:	Ware Disposal, Inc. - City of LA		
Franchise Hauler:	Yes		
Activities	Curbside Organics Hauler - Commercial, Curbside Recycling Hauler - Commercial, Solid Waste Hauler - Commercial,		
Notes:	Southeast Zone Contract includes two 5-year extension options.		
New Hauler:	Yes	Contract End Date:	02/01/2027
The hauler information is correct.			

SRRE and HHWE Diversion Programs
 Detailed information for Mandatory Commercial Recycling (MCR) in code 2030 and Mandatory Commercial Organics Recycling (MORe) in code 3035 can be found at the end of this section.

1000-SR-XGC (Xeriscaping/Grasscycling)		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 27872.35	Selected in SRRE: Yes
		Owned or Operated: Yes

Selected Program Details:
 Xeriscaping | Grasscycling

Jurisdiction Notes:
 ARTESIA: Xeriscaping in front of City Hall and Artesia Park. Grass clippings are left onsite at city parks.
 BEVERLY HILLS: True Green Land Care is the City's contractor for all the City's landscape medians. The City has xeriscaping at three major city facilities (2 parks and City Hall) for a total of 30,000 sq. ft. which equals 4.5 tons. Majority of the yard trimmings were processed at Recology and made into compost.
 BRADBURY: The City promotes drought tolerant landscaping leading by example. The City utilizes drought tolerant plants to landscape the Civic Center and trails throughout the City. The City continues to encourage grasscycling through information published by LA County Public Works.
 DOWNEY: Xeriscaping demonstration sites are at City Hall, Columbia Memorial Space Center, Furman Park, Dennis Menace Park, and in City medians on: Woodward, Paramount, Downey Avenue, and Lakewood Boulevards. Synthetic grass is demonstrated in two areas at City Hall.
 DUARTE: The City and its contractor, Valley Crest, grasscycled approximately 44 acres of turf per year with mulching mowers at the jurisdiction's 13 parks.
 HERMOSA BEACH: The Public Works Department continues to mulch and grasscycle 47.39 acres of parks and Green Belt annually with approximately 16 acres in turf. Grasscycling Diversion per USEPA: 6.5 tons per acre =104 tons. The City's parks, playing fields, and Green Belt demonstrate the benefits of mulching, grasscycling, and the use of native, drought tolerant plantings in landscaping. City Hall has a Low Water Demonstration Garden and has also installed drought tolerant plants in landscaped beds surrounding the building. Residents continue to be encouraged to grasscycle and incorporate indigenous plants in landscaping. The West Basin Metropolitan Water District sponsored and promoted two drought tolerant landscaping workshops with rain barrels given away to all participants. The City offered a Turf Removal Rebate Program to residents. Public / Private partnership between the City, Water District, Kiwanis Club and Boy Scouts in developing a Native Garden in Valley Park featuring xeriscaping and reclaimed water usage. Recycled water is used on the Green Belt and parks. The City continues to sponsor and promote a California Friendly Landscapes Workshop in partnership with the California Water Service, the California Department of Water Resources and the Green Garden Group.
 HIDDEN HILLS: The City continues to encourage residents to utilize xeriscaping and grasscycling methods when performing maintenance or redesign of their landscaped areas. Since November 2000, the demonstration garden around

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City Hall demonstrates water wise landscaping.
LOS ANGELES:
 Airports (LAX)
 Grasscycling LAWA: Impacts - decrease in water use and generation of greenwaste. The quantity of grass clippings that is sent to a recycling facility is included in the 49.34 tons that are listed in the greenwaste collection section, program code 3060.
 Harbor
 Greenwaste Recycling POLA: Grasscycling and mowing on a biweekly schedule. Staff occasionally take greenwaste to a WM mulching facility.
 Los Angeles Zoo
 Yard/Landscape: Continued assessment of landscape material for drought resistance as appropriate. Maintain bioswale around perimeter of parking lot.
 Recreation and Parks
 Grasscycling RAP: RAP maintains 3,000 acres of park lawn through grasscycling for a total of 19,500 tons diverted through source reduction.
 Water and Power
 Greenwaste Handling DWP: The LADWP is continuing to explore the potential for conversion of all LADWP facilities to California Friendly Landscaping. With turf replacement, there is a reduction in the greenwaste generated. Typically, California friendly plants and natives do not need to be manicured as often as "mow and blow" maintenance of turf.
LYNWOOD: City continues to grasscycle at 13 City facilities.
MANHATTAN BEACH: The City promotes grasscycling on the City's website (www.citymb.info). City landscaping contractor chips all wood from tree trimmings and uses it as ground cover along the City's two mile greenbelt walking path. The City uses xeriscaping (mulch mower's) on all City turf. There are 45 acres of turf mulch mowed (a.k.a. grasscycled) citywide. 45 acres of turf=1,960,200 sq feet of turf. This total, divided by 1,000 = 1,960. 1,960 multiplied by 300 pounds = 588,000 pounds, or 294 tons diverted. Promotion of water conservation and sustainable landscaping continued through free classes offered by the Manhattan Beach Botanical Garden. City utilizes reclaimed water in its medians, at the local Marriott Golf Course at 18-19 acres (which is also one of the City's retention basins), at all MBUSD schools except one, and at all municipal parks. The City still continues its Stage 3 Drought Restrictions Citywide.
PALOS VERDES ESTATES: The City encourages residents to utilize xeriscaping and grasscycling methods when performing maintenance or redesign of their landscaped areas. The city-owned, privately operated golf course (203 acres) practices onsite grasscycling.
POMONA: The City grasscycles at all its parks and encourages the use of native and drought tolerant plants and landscaping.
RANCHO PALOS VERDES: The City continues to grasscycle at 17 of its facilities and encourages the use of native and drought tolerant plants and landscaping.
REDONDO BEACH: City staff grasscycles at 10 city parks, 33 acres of medians, 14 schools and 14 acres of Southern California Edison right-of-way lands and other public areas. The local cemetery also grasscycles.
ROSEMEAD: The City promoted grasscycling and composting in the Spring Recycle Today newsletter. During the 2016 Citywide audit, the auditors identified several business and the school that is grasscycling.
SIERRA MADRE: The City continues to forward interested parties to workshops that are offered at the LA County Arboretum, which is less than a mile away in the City of Arcadia. City crews continue to use grass clippings on public sports fields and park areas.
SOUTH GATE: The City of South Gate is grasscycling at the following locations: South Gate Park, Hollydale Park and the DWP Right of Way. In 2017, the City generated a total of 3,705.04 tons of grasscycling, helping divert 3,705.04 tons from landfills. The City of South Gate continues to have a robust water reduction program that promotes drought tolerant landscaping and water saving. In 2017, the City also planted over 700 succulent/drought tolerant plants and native vegetation in the raised medians for the Firestone Boulevard Regional Corridor Capacity Enhancement. Specific to public education, the City continues to inform residents about water conservation tips, drought tolerant landscaping, rebates available through the South Gate Water Conservation program and the financial benefits of actions that reduce greenhouse gas emissions (i.e. Southern California Edison Clean Fuel Rewards Program).
TORRANCE: The City grasscycles at all city parks, golf courses and around city facilities. Much of the landscaping at city facilities is xeriscaped. The local school district uses grasscycling for their athletic fields with annual programs totaling 1092 tons. The 6.2 acre Toyota soccer field of artificial turf contributed to city total of 1165 tons. A demonstration site at the Madrona Marsh promotes xeriscaping and grasscycling in its yard waste and composting outreach efforts.

1010-SR-BCM (Backyard and On-Site Composting/Mulching)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 355.58	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:
ARTESIA: Information was available at the annual Earth Day Expo.
BRADBURY: The City continues to recycle trimmings collected from landscape maintenance at the Civic Center. The City participates with the County of Los Angeles' Smart Gardening Program and promotes local education events and

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demonstrations. The City also participates in a mulch giveaway program during select community cleanup events. Backyard composting and onsite mulching will be promoted as a unique article in upcoming newsletters.

DOWNEY: 4 Composting & Smart Gardening Workshops and 2 Landscaping & Rain Barrel Sale events held at city facilities. Discount compost and worm composting bins offered at each workshop. Residential free mulch offered twice a year.

DUARTE: There is a Compost Giveaway Program to promote backyard composting.

HERMOSA BEACH: The Public Works Department continues to use mulch mowers in city parks, playing fields and Green Belt with approximately 16 acres in turf. The tree trimming vendor mulches / chips onsite applying the processed trimmed materials to the Green Belt. The City and franchise hauler sponsored two compost giveaway events for residents and the franchise hauler will provide compost to the Public Works Department and other city departments upon request, 8 tons of compost were given away to residents who participated in the two compost giveaway events, residents provided their own buckets. The City continues to encourage residents to compost at home offering composting and vermiculture bins at reduced cost to residents upon request. The City sponsors and maintains a Soil Saver Backyard Composting display. The City has established a new, redesigned Community Garden at South Park and encourages residents to participate in its operation. The new Community Garden features wicking planters that distribute the irrigation water low in the planters close to the plant roots for more efficient water usage. The City continues to sponsor a California Friendly Landscapes Workshop in partnership with the California Water Service, California Department of Water Resources and the Green Garden Group. Starbucks continues to offer the "Shared Plant Grounds for Your Garden" program providing free coffee grounds to city residents.

HIDDEN HILLS: The City continues to promote the County's residential Smart Gardening Workshops and the Las Virgenes Municipal Water District programs via the City's monthly newsletter.

LOS ANGELES:
Sanitation
Backyard Composting Program: LASAN holds 23 Composting events a year with an average of about 12 attendees per event.

LYNWOOD: City continues to provide backyard composting information online.

MANHATTAN BEACH: The City and Waste Management host 5 free composting classes each calendar year. Three are held in the City's Botanical Garden in Polliwog Park and an estimated 20-50 people attend each class. The instructor reviews both worm bins and soil saver bins since the City has diverse dwelling types. The class reviews do's and don'ts and has a Q&A session at the end. All levels from beginner to expert composters are encouraged and do attend. The instructor makes herself available year round for consults with the community about specific composting problems they are having. Street banners and Beach Reporter ads are used to advertise the classes. Discounted bins and extra worms are sold to Manhattan Beach residents at the classes or through Waste Management customer service. The City subsidizes cost of bins and worms through its operating budget. The City and local landscapers provide free mulch to residents at the Public Works Yard 24 hours a day, seven days a week. Community members are required to bring their own shovels and bags/containers, but are allowed to take an unlimited amount at any time.

PALOS VERDES ESTATES: The City promotes the Los Angeles County Smart Gardening Workshops to residents via the City's quarterly newsletter. Residents may utilize composting techniques in their private yards, City also participates in the "Environmental Expo" annually to further the public outreach and education of City environmental programs and resources.

POMONA: The City conducts compost giveaways events, two per hauler, 5 yards of compost material is supplied by each hauler. The City provides flyer to the community on workshops sponsored by Chino Basin Water Conservation. Information is made available on the website and social media.

RANCHO PALOS VERDES: The City held two free mulch giveaway (40.75 tons given away) events, as well as a backyard composting workshop in 2017. 50 attended the March workshop, where 12 compost and 20 worm bins were sold. 17 residents requested rebates for the purchase of composting bins. An estimated 18.375 diverted tons by home composting.

REDONDO BEACH: Backyard composting bins and worm bins are available for sale to residents through the City's franchise hauler (Athens). The program is promoted on the city website and in Athens' residential brochure.

ROSEMEAD: The Composting Made Easy flyer is shared at all community events and Beautification Civic Pride Day on April 29th. Republic Services provides the CalRecycle flyer Composting Natures Way to Recycle. In 2017, Republic Services gave an update at the July 11th City Council study session to promote the organic programs and partnership with Agromin.

SOUTH GATE: Since 2016, the City moved away from using wood chippings on the DWP Right of Way and has continued to utilize decomposed granite. The City and Waste Management encourage residents to begin a composting program at home and continue promoting the Los Angeles County composting workshops through the Waste Management City of South Gate Residential specific website (the Waste Management website is also linked to the City of South Gate website).

TORRANCE: The City contributed to the development of a backyard composting demonstration site at the home garden learning center at Columbia Park in Torrance. The City participates in the Los Angeles County Department of Public Works Backyard Composting Program. This program consists of 3-6 annual workshops at the demonstration site and other locations, subsidized bin sales and an advertising/outreach campaign. The City also sells three different composting bins (Soil Saver, worm bin and small tumbler) to residents through the City's Farmers Market and city yard. Information and materials are provided to residents at events, during community group presentations, at schools (about 40 classes a year) and when requested. The City parks and tree trimming divisions donate trimmings and clippings to the two community gardens in the City for residents to use as mulch or compost, and often use the materials for mulching in the landscaping around city facilities. The City also has a mulch drop-off at one of our parks where city crews leave trimmings for residents to take for free (144 tons this year). Tonnage from residents is based on 100 lbs. per composting units sold by City, a total of 25 bins were sold this year for a total of 152.45 cumulative tons.

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1020-SR-BWR (Business Waste Reduction Program)		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1546.52	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: The City hauler promotes business wide recycling and source reduction programs at community events. 212 commercial and 72 multifamily waste audits performed.

DOWNEY: Large market chains promote reusable bags. Two local markets donate unsellable food to local food bank for rescue.

DUARTE: AB 341 continues to be a priority for both the City and Burretec Waste Industries. In 2017, approximately 80% of multifamily buildings were involved in recycling and numerous waste assessments were conducted for existing commercial customers.

HERMOSA BEACH: Solid waste consultant continues to conduct 20-25 onsite business technical assistance waste assessments annually encouraging waste prevention / reduction and the reuse of materials when possible. Business technical assistance source reduction continues to be provided to Pier restaurants by the City, franchise hauler and consultant, businesses were given recommendations and options for reducing food preparation waste, reducing serving sizes and purchasing pre-cut products. Businesses continue to reuse plastic totes, cardboard boxes, and pallets.

HIDDEN HILLS: There are only two businesses in the City (real estate office and HOA office), and both facilities try to limit their waste.

LOS ANGELES:

Harbor Tenant Diversion

Business Source Reduction: Toner cartridge recycling: 12 tenants, 9 responded. 0.16 tons

Sanitation

Commercial Business Waste Assessment and Technical Assistance: 60,000 waste assessments were conducted by the recycLA service providers from July-December 2017. The recycLA contracts require partnerships and funding of reuse and food rescue from customers. Each recycLA service provider (RSP) is required to have both a reuse and a food rescue subcontractor to bring in when a waste assessment by the RSP shows that there is material that can be removed before the bin. RSPs are required to invest in reuse and food rescue non-profit and charitable organizations to increase activities in these sectors, through direct funding and in-kind services. The RSP is required to promote reuse programs to their customers through its outreach and educational campaigns.

LYNWOOD: In 2017, WRI conducted about 50 site assessments to determine current waste minimization and recycling activities by the business community. Of those, two businesses were determined to have a waste minimization program in place, reporting 1,545.36 tons of waste reduced.

MANHATTAN BEACH: Manhattan Beach expanded its curbside food waste collection program citywide on August 1, 2015 for businesses. Also, in 2017, 6 new businesses were added to the City's Green Business Program (Los Angeles County Public Library Manhattan Beach Branch, Tabula Rasa Essentials, Yorktown, Sun Life Organics, The Souk and Barsha Wines & Spirits). and were honored at the City's 2017 Earth Day event. Businesses have also had to continue to comply with the plastic bag ban, polystyrene ban (which includes banning the sale of polystyrene single-use ware such as cups, plates, and portable coolers at stores and supermarkets) and cups, lids, straws cannot be made from polystyrene. A continuing campaign to eliminate disposable straws from commercial areas is growing in Manhattan Beach.

PALOS VERDES ESTATES: The City has developed educational materials to disseminate to businesses in order to raise awareness of AB 341 requirements and to encourage businesses to recycle. This material is also available on the City's website. City, in conjunction with local haulers, franchise and others, send out mailers to businesses within the City reminding business owners and property owners of their responsibilities, the City's responsibilities, and resources available regarding existing and future compliance triggers. Literature related to AB 341 and 1826 are also available at the City Hall front counter. The City, through its franchise hauler offers waste assessments. City staff is encouraged to use reusable drinking vessels. City staff is strongly encouraged to use double-sided printing practices.

POMONA: The franchise haulers provide outreach to businesses on source reduction quarterly, to existing commercial users and target new customers.

RANCHO PALOS VERDES: The City continued to promote Food Finders, a regional Food Bank. The City has a Business Recycling Directory on its website and works with the Palos Verdes Chamber of Commerce on recycling. The City also recognized 16 Clean Bay restaurants in 2017.

REDONDO BEACH: As part of business recycling outreach, businesses are taught about waste reduction options as well as recycling. More specific information is provided in program 2030.

ROSEMEAD: During the 2017 citywide audit, the auditors focused on identifying business source reduction activities. The auditors handed each business educational materials to promote source reduction and recycling programs.

SOUTH GATE: Waste Management continues to offer waste assessments and recycling to commercial customers; recycling is incentivized by a lower price than MSW. Both the City and Waste Management promote business source reduction and material reuse efforts. Of the 356 commercial customers that need to be in compliance with AB 341, Waste Management conducted 270 waste assessments.

TORRANCE: Over 300 businesses received business waste audits since the program began in 1993. The program started with onsite waste reduction and recycling technical assistance audits, workshops, hosting downlink conferences by the EPA, recognition/awards programs as well as education and outreach. The City continues to provide information and references on request and has participated in both local and regional recognition of CIWMB Waste Reduction Award Program (WRAP) winners. In the last few years, the awards/recognition has focused more on the Torrance Advantage awards program provided through the City. Our website and specific brochures for businesses promote source reduction activities. Food Finders and the Clean Bay program are also promoted to businesses.

1030-SR-PMT (Procurement)

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Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes
<p>Jurisdiction Notes:</p> <p>ARTESIA: The City of Artesia purchases recycled paper and other eco-friendly office materials such as recycle content pens.</p> <p>BEVERLY HILLS: The City purchases supplies through Office Max and chooses EPP products as much as possible. The City's Zero Waste Plan will include a policy on EPP, however, it was put on hold due to the City's Solid Waste Franchise Agreement being reassigned to the new waste hauler, Athens. Once a benchmark is established with new hauler, the City will develop a Zero Waste Plan.</p> <p>BRADBURY: The City continues to follow its policy of procuring recycled materials such as paper, paper towels, toilet paper, etc., as well as, recycling/reusing existing office supplies when possible.</p> <p>DOWNEY: Procurement Policy adopted in 2011. The City purchases recycled content office supplies; sustainable playground equipment, toner cartridges, cups and plates.</p> <p>DUARTE: City purchasing policies encouraging the purchase of recycled products have been ongoing since 1991 with a codifying ordinance enacted in 1995. The policy was updated in May of 2016. The City is continuing internal education among employees.</p> <p>HERMOSA BEACH: The City has a Recycled Products Procurement Policy implemented in 2006. The City purchases 30% post-consumer recycled-content office paper. The City will continue to explore options for the purchase of other post-consumer recycled-content products. The City purchased solar powered waste and recycling bins for the Pier. The City continues to develop an Environmental Preferred Purchasing (EPP) Policy.</p> <p>HIDDEN HILLS: The City does not have a formal EPP, but makes efforts to purchase supplies with recycled content.</p> <p>LOS ANGELES:</p> <p>Airports (LAX)</p> <p>Modify Purchasing Practices: LAWA has been purchasing Green Seal certified cleaner (2,340 liters), hand soap (17,010 liters), sanitize and janitorial products such as paper towels, trash liners and toilet seat covers etc. with post-consumer recycled-content since 2000 (Data for FY 2016-17).</p> <p>General Services</p> <p>Annual Report: GSD Supply Services produces an annual report documenting and evaluating compliance with the Recycled Products Purchasing Program. The total expended for calendar year 2017 is \$16,540,817.51.</p> <p>Harbor</p> <p>Buy Recycled Program POLA: Program is ongoing and should be covered in detail in upcoming EPP Report 2016 to 2017.</p> <p>Recreation and Parks</p> <p>Environmentally Preferable Purchasing: As in the past, many of the products perform just as well as non-EPP alternatives, however this is changing as we are finding most vendors provide some sort of alternative product. This includes paper and disposable products, recycled content office supplies, pesticides, paints, remanufactured toner cartridges, turf maintenance equipment and many other energy efficient computers and appliances that we purchase. We purchase a high percentage our post-consumer lumber every year.</p> <p>Sanitation</p> <p>Environmentally Preferable Purchasing: New versions of the City's materials and financial database systems came online in 2017 which now has an EPP tracking component. The City is working on getting more detailed reports from these systems. LASAN is looking to revise the EPP Ordinance in order to address internal EPP barriers. The City continues to purchase Domtar's Husky brand with 30% post-consumer content.</p> <p>Water and Power</p> <p>Buy Recycled 2000 Program DWP: The LADWP has an Environmentally Preferred Purchasing Policy which includes buying recycled products. The EPP was formally adopted by LADWP on Nov. 2, 2014. We purchase materials such as office supplies, office equipment, construction materials, vehicles, etc. Purchasing/Supply Chain is responsible for the procurement purchases as well as monitor/implementation of procurement practices</p> <p>Modify Contract Language: The LADWP staff works collaboratively to identify the potential for EPP product purchases in specifications purchases by reviewing LADWP Supplyline, published quarterly, provides anticipated dates of procurement opportunities. The program implements an EPP policy with reference to Ordinance 180751.</p> <p>LYNWOOD: The City continues to evaluate options to improve monitoring of the procurement process. The 2017 Office Depot Green Usage Report notes that 36% of purchases were "green."</p> <p>MANHATTAN BEACH: With the polystyrene ban in Manhattan Beach, no staff member can purchase polystyrene cups, plates, etc. with City funds. The City has an Environmental Purchasing Policy. The Fleet Division purchases alternative fuel or electric vehicles whenever feasible during the annual Fleet Replacement process.</p> <p>PALOS VERDES ESTATES: In accordance with the City's purchasing practices, the City purchases recycled content office products and encourage employees to use "reusable" products. City staff will work with suppliers to obtain and provide a comprehensive report of recycled material content purchased by City of Palos Verdes Estates. The purchasing policy of the City is designed to comply with all pertinent post mfg recycle requirements when purchasing materials for City use. City has requested a recycled product report from Staples. It was unavailable as of time of filing this report.</p> <p>POMONA: The City has Environmentally Preferable Purchases and Practices Policy for city facilities.</p> <p>RANCHO PALOS VERDES: There is an Environmentally Preferable Purchases and Practices Policy for city facilities</p>		

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and/or projects. The 2017 Office Depot Green Usage Report notes that 30% of purchases were "green" and another 24% of purchases met "norms."

REDONDO BEACH: The City purchases recycled products and supplies whenever possible. The City does have a procurement policy that dictates the number of quotes or bids needed depending on the dollar amount of the item(s) and cooperative purchasing agreement are also often utilized when feasible. Redondo Beach is looking to develop an EPP Policy in the future and looks to other cities such as Los Angeles for examples.

ROSEMEAD: Each department are responsible for purchasing their supplies with a focus on EFP purchasing.

SIERRA MADRE: The City reinforces its Purchasing Policy as new staff members are assigned to procurement duties.

SOUTH GATE: The City has a formal, written procurement policy on purchasing products made from recyclable material. The City's procurement officer is responsible for all purchases and the Auditor monitors practices. In 2017, 60% of office supplies purchased by the City through Office Depot were either refurbished, remanufactured or post-consumer recycled.

The City continues the battery collection and recycling program as well as the lamp and mercury containing device collection programs. The City spent a total of \$60,503 on "green" purchases through Office Depot. In 2017, the City purchased a total of \$59,061.31 of "green janitorial supplies. 60% of the total janitorial purchases were classified as green.

TORRANCE: 2002 purchasing policy in place. Many departmental efforts in place; shop rags, all paper products made with recycled content, plastic lumber in parks equipment, recycled tire pathways in parks, roads resurfaced with recycled rubberized asphalt. The City purchased \$56,418 worth of recycled content materials, or about 45% of all materials, bought through Office Depot.

1040-SR-SCH (School Source Reduction Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: Ware Disposal, ABC School district's waste hauler, has several recycling programs including paper recycling.

BEVERLY HILLS: Waste from all schools in the City is processed at the Material Recovery Facility in Sun Valley, CA. Food Waste program is being implemented at the high school.

DUARTE: Since 2007, the district started having all trash sorted through a MRF through its hauler. In 2015, they recycled 242.34 tons of recyclables.

HERMOSA BEACH: The City continues to work with the franchise hauler and Hermosa Beach City School District on developing source reduction and waste prevention programs in the the two schools. The City and franchise hauler will be conducting a food waste audit at the two school cafeterias in early 2018 to determine the amount of food waste currently being disposed and options for implementing a food separation and collection program in the cafeterias. Cafeteria staff will be provided with best food waste reduction management practices including purchasing in bulk and pre-cut food products. Options for a food recovery program including beverage cartons and produce that were not served will be explored. The School District and two schools continue to practice double-sided copying and source separate paper.

LOS ANGELES:

Sanitation

LAUSD Program Educational Presentations: City of Los Angeles no longer does education presentations. 441 Schools still receive service from the City.

MANHATTAN BEACH: Hauler Waste Management (WM) is required to perform minimum 500 outreach hours in the schools annually. In 2017, they performed 503. Volunteers at MBUSD's five elementary schools conduct a trash free lunch program that has reduced trash sent to landfills by 84%—or more than 11,500 bags per year—with a cost savings of more than \$10,000 a year. As part of the franchise agreement to assist with school source reduction, Waste Management provided 436 reusable lunch box kits to each incoming first grade student enrolled in Manhattan Beach Unified School District elementary schools. As part of the Waste Management donation partnership, WM keychains were included with each lunch kit. The City used its City/County Payment Program Funds for one year to purchase 9 "3 stream" units for Mira Costa High School's lunch/quad area. The units have slots and signage for Landfill, Recycle, and Food Only. WM outreach specialists met with Student Sustainability Ambassadors, the district Superintendent, Mira Costa principal and maintenance staff to discuss campus wide organics implementation. The City of Manhattan Beach has generously provided nine triple stream collection containers (trash, recycle, food waste) for the campus lunch area. Students, with assistance from WM staff will roll out organics collection program starting February 2018. Students are creating a campus wide media campaign including an instruction video, social media and classroom training to teach students how to properly sort their waste in the new 3 bin containers. Waste Management worked with school staff and Grades of Green to continue implementing food waste diversion programs at MBMS, Mira Costa High School, Grandview Elementary School, Meadows Elementary School, Grandview Elementary School and American Martyrs. Waste Management continued to support MBUSD as well as other schools in Manhattan Beach through event box donations, MSW/Recycling services and event assistance during events. Waste Management met with Grades of Green several times throughout 2017 to discuss collaborative efforts on how to increase food waste diversion and recycling at schools throughout Manhattan Beach. Additionally, Waste Management attended several events throughout the year to support Grades of Green including their annual Gala. Waste Management met with the Manhattan Beach Education Foundation to discuss additional ways to collaborate in addition to the contractual donation which Waste Management. Additionally, Waste Management attended several events throughout the year to support the Manhattan Beach Education Foundation including the Manhattan Beach Educational Foundation Wine Auction. Waste Management participated in the MBUSD Green Meeting with important educational stakeholders

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including Grades of Green, MBUSD staff and City staff to discuss new district initiatives, feedback for new program implementation as well as update one another on efforts being made to green MBUSD schools. Waste Management worked with several schools for their respective annual Pride Day Cleanup events. This included collecting greenwaste as well as additional other free, in kind services. Over 20 boy scouts and their parents attended the compost workshop at Meadows Elementary. WM staff played a recycling game then demonstrated backyard composting. Each child built a mini worm hotel in tennis ball cans and got hands on experience with vermicomposting. All five of the district's elementary schools have Walk to School programs. In many of our schools, an average of 70% of students walk at least one day a week, up from just 15% of students four years ago. Grand View School alone has saved 52 metric tons of CO2 annually, and about \$366,000 in gas costs a year for parents. "We are grateful that the City of Manhattan Beach has made a strong commitment to the safety and health of our children by providing crossing guards throughout the city," added Superintendent Matthews. The district has switched to Green Seal certified cleaning supplies and has reduced insecticide applications, reducing students' exposure to toxins. Paul Ruta, Director of Maintenance and Operations states, "Currently all of the cleaning chemicals used by the district are environmentally friendly." The district is proud of this accomplishment and thrives to be an example to students and parents." Robinson Elementary has implemented a program to acknowledge children who take steps to help the environment. Pennekamp and Grand View Elementary Schools even have a program that encourages students to donate old costumes and rent, rather than buy their costumes for parties and Halloween. Meadows Elementary School has native water-free gardens that beautify its landscape. The district has begun its partnership with Vitality City, through which even more green activities will develop. Pacific Elementary and the other elementary schools participate in the Go Green Challenge, sponsored by Grades of Green, educating and challenging students to be super green! The district continues to use solar panels that were installed at Mira Costa High School and LED lights throughout the district.

PALOS VERDES ESTATES: Grasscycling, serve lunches, surplus sales, and paper reuse implemented districtwide, City staff has established relationships with school district staff and district hauler representatives to collaborate on School Source Reduction efforts within the City.

POMONA: Some classrooms in the school district have their own recycling program, bins are delivered and picked up at no cost. The school conducts workshops school wide, a "Green Team" of the school.

RANCHO PALOS VERDES: The County sponsored one Earth Day assembly at one elementary school. The City continues to notify the schools and teachers of the County's recycling workshops aimed at educators and grant opportunities. All assembly opportunities are free to the schools.

ROSEMEAD: Savannah Elementary School added a campus wide recycling program. The hauler continues to award the high school scholarship program to five high school students.

SIERRA MADRE: Local school programs continue to produce sustainability conscious children in Sierra Madre. Staff works with the Sierra Madre Elementary "Green Lady" and the Natural Resources Commission provided an environmental activity for the school's STEAM Night Event.

SOUTH GATE: All schools in South Gate are LAUSD; recycling at these schools is handled by the LAUSD contracted hauler. However, the City encourages these schools to participate in recycling. In 2017, all school in South Gate had an active recycling program. According to the LAUSD Office of Environmental Health & Safety Office, all schools across the District are using lunch trays made of recyclable material, recycling trainers host assemblies at local schools focusing on campus recycling, and all schools are trained using a district developed expanded recycling program. In 2018, Waste Management is looking to work more closely with students/clubs in South Gate schools to help increase recycling best practices and support environmental programs that directly impact South Gate residents.

TORRANCE: A number of years ago, the school district switched to milk bags from milk cartons. Schools have internet systems and websites for principals and teachers to communicate with students and parents, online research, double-sided copying, and posting bulletins online to parents. Middle and high schools switched to cardboard lunch trays, elementary schools started a Styrofoam tray recycling program.

1050-SR-GOV (Government Source Reduction Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 21.03	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: The City has an Office Recycling Program. There are recycling bins in addition to trash bins. The City also encourages double-sided printing and has reusable plates, cups and utensils available for staff.

BEVERLY HILLS: The City of Beverly Hills has two U.S. Postal Services offices in the City. All offices subscribe to a mixed waste collection. All waste is source separated at the Material Recovery Facility in Sun Valley, CA. The City also practices double-sided printing with all printers defaulted to duplex printing.

BRADBURY: City staff promotes environmental stewardship by recycling bottles, cans, and other recyclable materials. Additionally, staff limits the use of disposable utensils and utilizes ceramic utensils. Staff makes double-sided printing and/or copies, reuses older files as scratch paper, and recycles ink cartridges. Furthermore, all staff members have a recycling bin at their work stations to facilitate proper disposal of materials.

DOWNEY: Xeriscaping, duplex copying, paper reuse (side or scratch pads), and junk mail reduction. Paper shredders station near printers in some city offices. Sharing trade magazines. City departments hold supply exchanges of office supplies and furniture. Furniture, vehicles, tools sent to auction.

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DUARTE: The City subcontracted landscaper produces wood chips from tree trimmings and uses them as weed abatement and/or for visual improvement. Compost is put back to use in areas the City maintains. Since 1988, the city initiated paper recycling for all City Hall employees. The practice is still in place with continuing internal education and outreach for new employees, and use of double-sided copying.

HERMOSA BEACH: The City continues to mulch and grasscycle 47.39 acres of City Parks, ball fields and Green Belt. City departments continue to practice double-sided copying and returned 149 Hewlett Packard ink jets / toner cartridges to vendor for reuse. The Public Works Department continues to reuse pallets and metal street signs and posts.

HIDDEN HILLS: The City makes every attempt to minimize the use of multiple copies of documents and looks for ways to minimize waste.

LOS ANGELES:

Airports (LAX)
Lease Agreement: LAX will revisit review of lease agreements at a later time.
Office Source Reduction: LAWA white copier paper is 30% minimum, post-consumer recycled paper.

General Services
Project ReUse: The Department of General Services employs the resources of four divisions when locating and placing reusable modular and hard workstations. When City facilities must be relocated and surplus furniture is left, staff from Facilities Management, Civic Center movers, Real Estate Services, and Supply Services work together to coordinate storage of the units for later reuse.

Harbor
Duplex Printing & Copying: Program is ongoing. Duplexing is standard and the duplexing rate has remained the same. In 2017, the Copy center printed 4,300,000 images.

Non-Food Item Donations: The Port continues to salvage and sell/reuse equipment. Additionally in 2017, the Port did not participate in any Goodwill donation events, but instead donated used linens to a local pet shelter and toys to a toy drive. Approximately twelve and six 55-gallon bins, respectively were donated.

Los Angeles Zoo
Source Reduction and Reuse Practices: Continue to share source reduction practices (EPP, office recycling, Recycleletter, paper reduction, electronic communication, etc.)
Water Pressure: Continue to monitor/maintain low water pressure valves as appropriate throughout the Zoo to minimize water use.
Computerized Landscape Water Management System: Program reduced due to aging equipment and lack of funding to replace/upgrade system.
Alternative Fuel Vehicles: Continue to work with GSD to look at potential for alternative fuel vehicles when due for replacement.

Recreation and Parks
Soil Reuse: Program continues unchanged. Recreation and Parks strives to recycle and reuse clean soil generated from park projects and construction projects whenever possible
Greenwaste Grinding: Program continues unchanged. Program continues to recycle 100% of greenwaste produced by tree care operations, for use as mulch in turf reduction projects and tree care and water reduction programs.

Sanitation
Pen Recycling: The City discontinued this program in 2017 because sponsor TerraCycle did so. The items were, however, offered to school teachers and arts organizations. The pen, highlighter, and marker program will be resurrected in 2018 after a new sponsor was identified.
Other Donation: Activities/Promotion: The City continues to collect used greeting cards; eyeglasses, sunglasses and cases; CDs/DVDs, diskettes; athletic shoes; and cell phones (for organizations serving victims of domestic violence). In addition, several donations of miscellaneous items (microfilm, vellum, disk trays, etc.) were collected.

CitiMAX Program: There were 61 successful exchanges of materials in 2017 totaling 2,380 lbs.
Second Chance Week Campaign: A Toy Reuse Drive was held in July/August which collected 910 pounds of donations to the County's Toy Loan Program.

Water and Power
Office Materials and Scrap: The LADWP has an office material and scrap program that is now collected at the Truesdale facility. Materials such as desks, file cabinets, chairs, etc. are collected and dropped off from the JFB or any LADWP facility. These materials go in the furniture stockpile and some are sent to the furniture bid roll off; the materials are then sold and or recycled/reused. This program is promoted via recycling bids and/or advertised in Daily Journal.
Duplexing and Recycled Content Paper Products: Per GM bulletin April 13, 2007, proper paper product and recycling standard includes duplexing printing/copies of all documents two or more pages in length (duplexed). Reduce paper by sharing/routing copies or distributing electronic copies. Reuse division office materials and supplies or obtain items from the Reuse Store (store currently unavailable). Use small Post it notes to transmit documents instead of full page cover sheets. Recycle all types of paper; white, computer, colored, newspaper, corrugated cardboard, file stock etc. Neon or fluorescent paper shall not be used in any written documents. 30% post-consumer paper is used on all copies.
Internal Printing Modification: The LADWP has a print less Green Team initiative, employees encourage employees to print less and use electronic copies of reading materials.

LYNWOOD: The City continues its waste reduction efforts. The City's IT Department set up 8 efficient commercial copiers to minimize personal printers and toner waste. All printer settings are defaulted to double-sided printing. Staff prints informal documents on the back of used paper as well as using the back as scratch paper. Staff purchases sticker labels to reuse filing folders and dividers in addition to reusing binders. For paperless activities, the City utilizes the document management system, Laserfiche. It allows the public to view documents such as agenda items, resolutions, contracts, and

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purchase orders. It's used internally to file and share documents electronically. Junk mail reduction includes signing up for paperless statements and calling vendors to cancel catalog subscriptions. For City projects, staff identifies drought-tolerant plants in the design phase. Example projects include the City Hall Annex, Los Flores Blvd, Linear Park, Long Beach Phase I, and Long Beach Phase II.

MANHATTAN BEACH: For all events that take place in City facility/conference rooms, leftover food taken to Fire Station or PW Yard for consumption. Continuing outreach and educational enforcement of the City's ban on smoking, including e-cigarettes in any public right of way (began in 2014) to reduce cigarette butt litter and improve the quality of life of the residents. City facilities all have water filling stations installed to encourage the use of reusable drinkware. The Public Works Department discontinued purchasing any paper disposable cups in late 2017; instead, reusable mugs, glasses, plates, silverware, and bowls were stocked in the breakroom for both staff and visitor use. Mutt mitt dispensers and bags are located in 23 areas in the City, providing pet waste bags for community members to properly dispose of pet waste when enjoying the community. Double-sided printing is defaulted on every printer. Polystyrene is banned from city purchasing. Through the City's MB Fit employee health program, employees received a reusable hot/cold beverage container upon attending their first MB Fit health event. There are over 150 public recycling cans in the public right of way. Deskside recycling bins and common area recycling slim jims (mostly for paper) are given to all staff and replacements are available to all staff. City Council utilizes water pitchers at Council meetings to avoid the use of single use water bottles. City Council adoption of resolution to explore feasibility of Community Choice Aggregation for Manhattan Beach to bring renewable energy alternatives to the community. City received Chamber of Commerce Best of Manhattan Environmentally Conscious Organization Award. In July 2015, City Council adopted a citywide food waste recycling program for residential and commercial customers. Residential program began Sept 1, 2015, and the commercial program began Aug 1, 2015. City Council approved participation in the Compact of Mayors initiative, reinforcing its commitment to climate action. As part of the program, the City will take stock of greenhouse emissions and the current effects of climate change in the community, create an action plan including clear and ambitious emissions reduction targets, and implement a common system of measuring those emissions and monitoring climate risks. City continues outreach promoting waste reduction. Pay-As-You-Throw rate structure incentivize landfill waste reduction. City's hauler had a composting bin demo and display at the City's Earth Day Fair. Families listened to a quick 10 second demo, held worms, and were rewarded with a gummy worm candy. Bins were also sold as part of the city's discount composting bin program with the hauler. City hosted an environmental outreach booth at the Earth Day Fair and Hometown Fair (2 day event). An environmental quiz game which results in awarding community members with prizes made from recycled material was the focus. Outreach material on the city's environmental programs were provided to the public.

PALOS VERDES ESTATES: The City encourages staff to reduce waste by reusing materials, as well as using reusable cups and utensils. City purchasing policies also consider recycled-content products when purchasing supplies for City Hall. City Hall printers are set to 2-sided copies. Employees are provided individual recycling desk side containers, recycling containers are placed throughout City Hall as well as PVE PD and FD.

POMONA: City departments continue to practice duplex coping, paperless activates, electronic agendas, applications, purchase orders, e-files, and returning ink to vendors for reuse. Recycling bins are provided at desks and throughout City hall.

RANCHO PALOS VERDES: The City utilizes double-sided printing and purchasing recycled content material whenever possible or feasible including for all Council packets. Many documents are reviewed electronically to save paper, and email is used to transmit memos. Recycling flyers are posted in employee lunch areas. All offices have a deskside recycling bin, as do all break rooms and conference rooms. Use of reusable utensils and serveware optional.

REDONDO BEACH: Laser printers are set to print on both sides and the City Council agenda is printed on both sides. Also the City newsletter is no longer printed quarterly and available online, saving 276,000 newsletters from being printed. Furthermore, as technology continues to grow there is a push citywide to limit paper consumption and streamline processes online.

ROSEMEAD: The City continues to expand their office recycling program. Office printers are set to double-sided printing.

SIERRA MADRE: In 2017, there was considerable re organization and office moves in Sierra Madre. Office furniture was re used and/or repurposed to the maximum extent, eliminating the need for purchasing new office equipment as much as possible. The city also follows its procurement policy as applicable.

SOUTH GATE: The City has a policy that requires the purchase of reusable office supplies when it is possible. The City also promotes reuse practices among all employees (e.g. double-sided printing, reusing paper for internal purposes and limit printing and utilize electronic methods of communication). Each employees office space has small trash receptacles and larger recycling containers. Recycling containers are also placed in all break and conference rooms across City Hall and other City offices. The City continues the program for recycling street lamps and recycling mercury containing devices generated by the Public Works Department. Additionally, the Department of Public Works is having older street signs refurbished and remanufactured by Zap Manufacturing, Inc. In 2017, 7.19 tons of street signs were recycled and reused to remanufacture new street signs for the City. In addition, the City initiated paperless billing for water services as an option to residents. Residents are now able to receive their payment electronically and pay their bill online. City Council has adopted a paperless approach. During council meetings, they use tablets to review documents, such as Agenda Bills instead of hard copies.

TORRANCE: The City employees normally practice a number of source reduction activities. Double-sided copying, use of ceramic mugs and metal utensils, increased use of email and e memos, an internal exchange program and reuse of pallets has been going on for some time. Other activities are undertaken by staff as costs and increased efficiency prove beneficial. Office equipment and other materials are reused through public auctions, after attempts to reuse through office material exchanges.

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1060-SR-MTE (Material Exchange, Thrift Shops)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 577.37	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: 71 garage sale permits were distributed at City Hall in 2017.
 BRADBURY: The City has a partnership with San Gabriel Unity Center. City staff advertises donation drop-off events through the City's monthly newsletters and email blasts.
 DOWNEY: There are 3 thrift stores, and there were 3721 garage sales.
 DUARTE: The City issues a maximum of two no fee garage sale permits per address per year.
 HERMOSA BEACH: Consultant continues to promote CalMax during business technical assistance site visits. Grocery stores continue to make donations to local and regional food banks. The City has several vintage, second hand clothing and furniture stores. Residents continue to have garage / yard sales and are required to obtain a permit from the City for \$7.00 to conduct a garage / yard sale; there were 36 permits issued for garage sales. Habitat for Humanity and the Salvation Army continue to provide residential collection service for architectural materials, household goods and clothing. A DARE Clothing collection bin and a World Books collection bin are located in the shopping mall next to the Vons Grocery Store. The Friends of the Library conduct year round book sales and have ten scheduled Saturday Book Sale dates annually.
 LOS ANGELES:
 Airports (LAX)
 Office Supplies & Furniture Donation: Nothing donated during 2017 to Habitat for Humanity of Greater Los Angeles ReStore.
 Sanitation
 L.A. SHARES: L.A. Shares continues to accept a great deal of donations at their two (2) warehouses, as well as accepting donations online via our online lottery system. L.A. Shares received 638 donations totaling 577.37 tons and 5,596 completed exchanges.
 LYNWOOD: The City continues to promote reuse by including information on the City's website and provides a link to the local Habitat for Humanity ReStore. In 2017, the City issued 1,019 yard sale permits to residents. The City has 2 secondhand/consignment shops and 1 pawn shop.
 MANHATTAN BEACH: In 2017, the City sold 44 Garage Sale permits citywide. There is 1 Goodwill store in Manhattan Beach. Several businesses choose to house private donation boxes for clothing and shoes in their parking lots. As part of the franchise agreement, WM hosts both a Halloween Costume drive and a Shoe drive. Community Shoe Drive: Waste Management arranged with four MBUSD schools to host a shoe collection drive for two weeks in September-October 2017. Almost 500 pairs of shoes were collected and donated to the Long Beach Rescue Mission. Halloween Costume Reuse Program: Waste Management arranged with four MBUSD schools to host a costume collection drive. WM collection boxes were placed at each school office in early October 2017, and about 20 bags of costumes were collected and donated to kids in need.
 POMONA: The City has thrift stores and Goodwill Centers throughout the City. Yard sales are held quarterly (no permit is required).
 RANCHO PALOS VERDES: The City promotes LACoMAX on its website and in its Business Recycling Program Resource Directory. The City recommends donation of usable items such as furniture in outreach flyers to businesses, single-family residents, and multifamily complexes and also in the City's quarterly newsletters. There is one thrift store within city limits.
 REDONDO BEACH: There are several thrift shops located within the City including Goodwill, Salvation Army, and Aardvark where residents are able to sell or purchase pre-owned items. The City sends all of its old durable goods such as cars, furniture and appliances and parts out to auction.
 ROSEMEAD: Republic Services promoted donation and share programs in the Fall and Spring Newsletter. Two Community Yard Sales were held in March and October at the Edison Parking Lot. The City issued a total of 241 yard sale permits.
 SIERRA MADRE: The Woman's Club in Sierra Madre runs a non-profit thrift shop throughout the year, publicizing an average of 3 events per year of special events to increase participation. The City continues to sponsor a yearly Community Yard Sale, and unsold items are now donated to material exchange organizations.
 SOUTH GATE: The City encourages businesses and residents to use the CalMAX and LA County's LACoMAX exchange programs, and the freecycle program. Both libraries in the City collect used books.
 TORRANCE: Torrance promotes Freecycle, CalMAX and LACoMAX. The City has several Goodwill and Salvation Army drop-off sites. The City continues to promote Food Finders as well as the new Habitat for Humanity Store location in Torrance. Many grocery stores and restaurants donate to food banks. Torrance promotes Freecycle, CalMAX and LACoMAX. The City has several Goodwill and Salvation Army drop-off sites. The City continues to promote Food Finders and the Habitat for Humanity Store location in Torrance. Many grocery stores and restaurants donate to food banks. Torrance hosted a shoe donation program by Soles for Life this year.

1070-SR-OTH (Other Source Reduction)

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Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 26	Selected in SRRE: Yes
		Owned or Operated: Yes
<p>Jurisdiction Notes: Los Angeles: Airports (LAX) Other Source Reduction LAWA: LAWA participated in LASAN's used linen drive; LA County's gently used toy collection; Lions International's eyeglasses and eyeglass cases drive; and used phone recycling with the U.S. Vets (ref: N. Price) RANCHO PALOS VERDES: The City hands out recycled content reusable bags, pens, etc. at events. SIERRA MADRE: The City's Council and Commissions have now become accustomed to using laptops or pads to review agendas and reports. This material is now distributed electronically. There is now only one Commissioner that requires the printed information. SOUTH GATE: In 2017, the City of South Gate was awarded a Beacon Spotlight Platinum Award for its Sustainability Best Practices. The City installed a Passive Diesel Particulate Filter (DPF) in 10 fleet trucks to reduce diesel emissions such as carbon monoxide, hydrocarbons, and particulate matter. In regards to renewable energy and low carbon fuels, the City installed four public electric vehicle (EV) charging stations at Azalea Regional Shopping Center, two public charging stations and one employee EV charging station at City Hall. There are 18 recycled water locations in the City. More specifically, the City used 182 acre feet of recycled water in 2017. The 182 acre feet augmented the domestic water, which in turn helped save water as it lessened potable usage. In regards to water consumption, in 2017 the City conserved 423 acre feet of water when compared with 2013 water consumption data. TORRANCE: The City continues giveaways with reusable bags and sometimes has exchanges with plastic bags (through storm drain pollution outreach). The City also promotes use of Food Forward to help distribute the overabundance of seasonal fruit trees or other crops in residents yards. The City also works biweekly with the Farmers Market and distributes some of their left over materials. Tonnage is food recovered by Food Forward from the Farmers Markets.</p>		
2000-RC-CRB (Residential Curbside)		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 226705.67	Selected in SRRE: Yes
		Owned or Operated: No
<p>Selected Program Details: Single-family residences Multi-family residences Commingled (Single-stream) Mixed Waste Processing at MRF Uncoated corrugated cardboard and paper bags Office paper (white & colored ledger, computer paper, other office paper) Metal Plastic 1-2 Plastic 3-7 Newspaper Miscellaneous paper (includes phone books, catalogs, magazines and other paper) Glass Film Plastic</p>		
<p>Jurisdiction Notes: ARTESIA: The hauler promotes curbside recycling in their own literature (mail, newsletter), through the City, and at community events. All 3,300 residential customers are sent a quarterly recycling newsletter. Residential customers participate in a 3 cart program (trash, mixed recycling, greenwaste). BEVERLY HILLS: The City continues to prescribe to a two-stream system. Recyclables and refuse are commingled and separated at a Material Recovery Facility through an agreement with Athens Environmental Services. In August of 2017, Athens purchased Recology Los Angeles. Due to the change in hauler, there is an increase in recycled material reported. The recyclables and trash are collected together and source separated at Athens' Material Recovery Facility in Sun Valley CA. The City of Beverly Hills staff collects and delivers all its residential material to Athens Environmental Services MRF Crown Recycling Services. The City's depends on Athens Environmental Services and Crown Recycling Services to process the material delivered. The residential collection service is mandatory and consist of 300-gallon and 96-gallon containers the total residential diversion was 32% and 35% including transformation. BRADBURY: The standard size used for most services is 60 gallons. The City's waste hauler closely monitors residential barrels and red tags any barrels found to be contaminated. DOWNEY: Mandatory (100% participation) weekly collection, refuse 65-gallon, recyclables 95-gallon, greenwaste 95-gallon, automated. DUARTE: Standard residential service includes 60-gallon recycle barrel. The residential recycling participation rate is at 99%. Residential monitoring conducted by City's franchised hauler, Burrtec Waste. Red tags are placed on contaminated residential recycle to explain reasons why barrels were not dumped and ask customers to call Burrtec's Customer Service Department. Also, since the roll out of AB 341, the City has provided recycling to 80% of all multifamily structures. HERMOSA BEACH: Franchise hauler reports 2479 tons of commingled residential recycling and an additional 352 tons recovered from mixed waste processing. Materials recovered through mixed waste processing include paper, cardboard, glass, plastics and mixed metals. The franchise hauler provides 20, 35, 64, and 90 gallon waste carts; residential customers select the size of their waste bins based on their anticipated disposal rate and receive a corresponding sized recycling cart; the service rate varies according to size; larger recycling bins are available to residents upon request with no extra charge. The franchise hauler reports that 75% of residents choose the 64 gallon carts. The commingled recycling bins</p>		

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are collected one time per week through an automated system. The franchise hauler mails a brochure quarterly to residential accounts with information on community events including document shredding, e-waste collection, compost giveaways and the Christmas Tree collection program. Residential recycling bins are taken to RockTenn Recycling Facility in Torrance, California for processing. The franchise hauler continues to mail the Earth Wise Newsletter quarterly to all residential accounts. The franchise hauler uses CVG vehicles for the collection of residential recycling and waste bins. **HIDDEN HILLS:** The City's exclusive franchised waste hauler, Waste Management, provides recycling collection carts which are serviced via valet service. In 2017, 416.90 tons of recyclables were collected.

LOS ANGELES:

Sanitation

Multifamily Blue Bin Recycling Program: LASAN is presently registering multifamily residential buildings (five units or more) for a free recycling program. Multifamily residential properties participating in the program will receive: free recycling service once per week; blue bins for storage of recyclables; and educational information for residents regarding what materials are accepted in the blue bins. In 2017 the MFRP serviced approximately 16,619 properties with approximately 392,079 units before the transition into recyLA that became effective in July 2017 and diverted 3,798 tons from landfill. The MFRP staff and private haulers held three quarterly meetings to discuss issues/concerns. To date, all MFRP properties have been transitioned into the new recyLA Franchise Program.

Residential Curbside Recycling: The City of Los Angeles currently operates the largest residential curbside recycling program in the United States, collecting a variety of recyclables from over 750,000 households every week.

Mattress Recycling Pilot Program: LA Sanitation picks up large or bulky household items, such as mattresses, couches, and other furniture from all residents serviced by the City of Los Angeles free of charge. Arrangements will need to be made at least one day before a regular collection day to insure removal of items. Bulky items are collected on the day of regular trash collection day.

LYNWOOD: In 2017, 3,678.60 tons were recycled through 2 cart mixed waste program.

MANHATTAN BEACH: Citywide automated residential curbside recycling impacts over 13,000 households. Materials are commingled in one blue recycling cart: plastic, glass, metal and paper. In 2017, over 12,000 residential carts were at residential homes citywide. 35, 65, and 95 gallon sizes offered. No additional charge for recycling.

PALOS VERDES ESTATES: Mandatory (100% participation), weekly collection, 96 gallon toter or receptacle of property owners choice, manual, valet service. City has issued 5 year franchise hauler intent letter December 2017.

POMONA: The City residential service includes a 96 gallon blue recycling container. A waste assessment is conducted, on a specific route, and white tags are provided as positive reinforcement and education. Red tags are placed on contaminated residential recycling bins with an explanation on why the barrels were not emptied and to educate for next pickup.

RANCHO PALOS VERDES: Residential curbside collection of recyclables provided to all single and participating multifamily units. The City continues the variable rate cart system to encourage trash reduction. In 2017, 4,129.08 tons of recycling were collected from single family and 1,122.78 tons were collected from multifamily accounts.

REDONDO BEACH: The City collects trash, recyclables, and compost from approximately 16,000 households once a week. The collection is voluntary and accepts materials like most common programs with the other inclusion of compostables. The compost collection includes both food and food soiled paper and yard waste. Additionally, the trash portion is run through a municipal solid waste material recovery facility to capture more tons. The bulky items collection service includes electronic waste which is available to the residents free of charge once a week up to four items.

ROSEMEAD: The City continues to have a successful curbside recycling program. Residential curbside information is available on the City and haulers website, newsletters, and community events. The newsletter is written in English, Spanish, Mandarin and Vietnamese. Residents call or use the My Resources app to schedule regular bulky items curbside pickups. Residents can recycle items per year.

SIERRA MADRE: The City continues to work with the hauler to promote the "pay as you throw" trash rates. Residents are encouraged to purchase the smallest size and quantity of waste cans and take advantage of the recycling and greenwaste cans which are provided without charge. To cover special occasions in which a resident may have extra waste due to cleaning or household projects, the hauler provides 4 free 'bulky item' pickups per account.

SOUTH GATE: Waste Management provides residential MSW and recycling services to residents of South Gate. In regards to residential recycling, Waste Management collected and diverted a total of 3,974.77 tons of recyclables an increase of 125.08 tons from 2016. Residential recycling is mandatory in the City. The City has a variable rate for trash service and recycling is free to residents. The City monitors the effectiveness of all programs.

TORRANCE: The City has provided residential curbside recycling to its residents since 1991. Commingled collection applies to single family homes and duplexes as well as some 3 and 4 unit complexes, about 29,500 units in all. Current program is automated, with choice of a 64 or 96 gallon container at different monthly rates.

2010-RC-DRP (Residential Drop-Off)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 8.68	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: The City of Artesia participates in the SHARPS collection program at City Hall. O'Reilly Auto Parts collects used motor oil, auto batteries, transmission fluid, gear oil and oil filters. Stater Bros. has plastic bag drop-offs in store.

BRADBURY: The City continues to advertise drop-off centers in neighboring communities.

DOWNEY: Items accepted at the library (reading glasses, books); city yard (Christmas Trees); Senior Center (books, DVDs and CDs); PTA's Food Bank (can goods, and clothing); DART (yard waste and C&D material); and beverage containers at three buyback centers: Ralphs, Albertsons and Liquor Store parking lots.

DUARTE: All city buildings have recycling containers and recycle bins are provided at all City events. Local grocery stores have buyback options. The City conducts two large item clean up events per year that also offer sharps and e-waste collection in addition to paper shredding. They are promoted in the city newsletter, website, electronic sign, Twitter and via hauler's social media accounts.

HERMOSA BEACH: The City and franchise hauler continue to promote and sponsor free document shredding events, household hazardous waste and e-waste (HHWE) collection events and Christmas tree recycling to City residents. Residents are encouraged to take HHWE to Los Angeles County S.A.F.E drop-off centers and HHWE roundup events.

HIDDEN HILLS: The City's exclusive franchised waste hauler, Waste Management, hosts a free bulky item pickup event once per year and this event is advertised in the City's monthly newsletter. In 2017, 2.71 tons of C&D debris and 1.76 tons metal were dropped off by City residents.

MANHATTAN BEACH: A 24-hour pharmaceutical drop-off box is located in PD/FD lobby and accepts both controlled and uncontrolled substances. Residential battery drop-off locations at 5 city facilities: City Hall, PD/FD lobby, Public Works lobby, Joslyn Senior Center, Manhattan Heights Community Center

POMONA: The City offers community cleanup events each spring for each district (6 districts). Flyers and notices are made available electronically to residents to promote events, and are posted on the City's website and social media, City Hall, the community centers, and on the reader board.

RANCHO PALOS VERDES: The City provides information on drop-off centers in neighboring jurisdictions.

REDONDO BEACH: Residents can take recycling materials to City's Public Works Yard. Also the City has household battery drop-off boxes throughout City facilities including parks and senior centers.

ROSEMEAD: 2017 Residents may drop off used books, bicycles at the Republic Services office located in the Chamber of Commerce. The books are donated and bike refurbished and donated.

SIERRA MADRE: The City continues to maintain its commingled recycling bin at the city yard. This bin is available 24 hours a day, 7 days a week for all residents and businesses that wish to recycle, and all materials approved for residential recycling are accepted. Collection is busy around holidays. Moving forward, the City will ask the hauler to account for this recycling tonnage independently in order to provide data for analysis.

SOUTH GATE: The City has five certified public recycling and drop-off centers which all accept CRV approved material. Waste Management also allows residents to drop off unwanted items at their Transfer Station in the City. Waste Management then recovers as much material as possible from the amount delivered. In 2017, the Waste Management South Gate Transfer Station accepted 30 loads of material that was dropped off by South Gate residents. A total of 4.20 tons of material.

TORRANCE: There are many drop-off options within the City. Many businesses also take different types of materials for recycling. A city ordinance restricting the number of drop-off containers allowed in the City and permit requirements should lead to a tracking mechanism for clothing donations eventually. Tonnage is an estimate from the Potential Industries MRF which supplies a recycling drop-off bin at their site for the public per our contract.

2020-RC-BYB (Residential Buy-Back)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 6503.53	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: The City provides information on buy back centers in neighboring jurisdictions.
 DOWNEY: 3 buyback centers collect CRV glass, aluminum and plastic.
 DUARTE: Continuing to promote buyback effort at one center located within a mile of the City in the neighboring City of Monrovia.
 HERMOSA BEACH: CalRecycle reports 8 tons of aluminum, 662 tons of mixed metals, 32 tons of PETE and 41 tons of HDPE. Total aggregate tonnage diversion is 747 tons.
 LYNWOOD: There are 3 buyback centers in the City. In 2017, 1,789.18 tons of aluminum, glass, and plastic were recycled.
 MANHATTAN BEACH: Requested/received aggregate volume report from CalRecycle: Cert ID is CS0871 (Curbside Program). Aluminum: 15 tons. Mixed: 1400 tons. PETE: 133 tons. HDPE: 72 tons. Community members who wish to redeem CRV containers are referred to either Trader Joe's (2 in MB) or Bristol Farms. These locations are designated redemption centers through CalRecycle (buy back center required every 1.5 miles). City's hauler is required as part of the franchise agreement to assist in identifying producer responsibility business opportunities in the community.
 POMONA: The City has a few businesses that offer buyback. Materials accepted are aluminum, cardboard, glass, plastics, newspapers, magazines, and scrap metal, including stoves, refrigerators, washers and dryers, and all types of steel.
 RANCHO PALOS VERDES: City provides information on buyback centers in neighboring jurisdictions.
 REDONDO BEACH: No buyback centers are located within the City. The City promotes outside recycling centers on our website. The City has beverage container recycling centers next to supermarkets.
 ROSEMEAD: The City has two recycling centers. The 2017 DOC Aggregate Volumes reports: Aluminum 29.97 tons, Mixed 241.34 tons, PETE 78.97 tons, HDPE 9.75 tons, Other Plastic 0.29 tons and Bi-Metal 0.27 tons collected from the two Evolution Recycling #20 in the City.
 SOUTH GATE: There are five buyback centers located in the City that all accept CRV approved material.
 TORRANCE: A number of buyback sites, privately owned, are operated in the City offering residents and those without curbside collection an opportunity to recycle. As with most programs, we promote through our website, brochures and other outreach activities, the data is collected from state buyback program.

2030-RC-OSP (Commercial On-Site Pickup)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 147429.62	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:

Large Generators (4.0 cy/week) | Multi-family residences | Commingled (Single-stream) | Source separated | Mixed Waste Processing at MRF | Uncoated corrugated cardboard and paper bags | Office paper (white & colored ledger, computer paper, other office paper) | Metal | Plastic 1-2 | Plastic 3-7 | Newspaper | Miscellaneous paper (includes phone books, catalogs, magazines and other paper) | Glass | Film Plastic | Polystyrene/Styrofoam

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Jurisdiction Notes:

ARTESIA: Commercial and multifamily waste streams are mixed waste processed. There are 258 commercial customers and 89 multifamily customers. 37 commercial customers stated they had 3rd party/internal recycling programs (programs through their corporate offices and/or allowing people to recycle materials at no cost to the business)

BEVERLY HILLS: Araco Enterprise purchased Recology Los Angeles on August 12, 2017. Athens Environmental Services became the exclusive franchise hauler for the City's Commercial sector and some multifamily properties. All of the waste is collected together as mixed waste. Commercial businesses subject to AB 341 was 413 accounts out of 568 accounts. All 568 accounts subscribe to a mixed waste collection, all of the waste is source separated at Crown Recycling Services Material Recovery Facility in Sun Valley CA. All multifamily properties collected by Recology and City's staff subscribed to mixed waste collection, and all waste is source separated at Recology's MRF in Sun Valley CA. The total number of multifamily properties subject to AB 341 in 2017 was 975 properties.

BRADBURY: The City of Bradbury does not have any businesses or multifamily dwellings located within the city limits. The commercial program referenced is based on the type of service used at large residential lots that are over five acres which are serviced with bins instead of barrels.

DOWNEY: If multifamily is less than 4 units recyclables are collected weekly. If more than 4 units, minimum once a week collection unless more frequent collection requested by customer.

DUARTE: Since the onset of AB 341, Burrtec, the City's licensed hauler, continues to encourage commercial recycling through a variety of methods including the creation of individualized programs for each site. There are 198 businesses subject to AB 341 and 58 are not recycling. There are 80 multifamily dwellings subject to AB 341 and 18 are not recycling.

HERMOSA BEACH: Franchise hauler reports 3186 tons diversion from mixed waste processing including paper, plastics, cardboard, and mixed metals in the commercial/industrial sector and 1497 tons diversion in the multifamily sector.

HIDDEN HILLS: There are only two commercial accounts in the City. One already has a recycling program in place and the other does not meet the AB 341 threshold. In 2017, 254.60 tons of recyclables were collected from bin service, which includes residential bin service.

LOS ANGELES: The new recycLA exclusive franchise system began in July 2017 with 7 haulers servicing 11 zones in the city. All rates are standard across the city and are bundled to include trash and source-separated blue bin recycling.

LYNWOOD: The City's hauler offers mixed material recycling service for commercial and multifamily customers. In 2017, 3,399.19 tons were collected. The City and its hauler continue to work with the commercial sector to increase compliance. In September 2017, the City approved an amended agreement with the exclusive franchise hauler that now includes pricing for source-separated recycling services, with an effective date of November 1, 2017. As of December 1, 2017, there were 10 business accounts and 0 multifamily accounts with source-separated recycling services. In 2018, increased outreach will be conducted by the City and hauler.

MANHATTAN BEACH: Collection carts and bins available in 35, 65, 95 gallon carts and 2, 3, 4, 5, and 6 CY bins. No additional cost for recycling - entire rate for all core hauler services built into the trash cart/bin rate. Collection is available to all businesses and commercial bin users 7 days per week (some businesses have 2x per day, 7 day per week service). Participation is 96% (4.02% not participating).

PALOS VERDES ESTATES: City and LARA staff collaborated in 2017 to establish new and open lines of communication and cooperation with non-franchise haulers, school district and other haulers to ensure going forward the City has the most effective program possible and provide accurate data to LARA and CalRecycle.

POMONA: N/A

RANCHO PALOS VERDES: In 2017, three haulers reported collecting 57.01 tons of recyclables. The City and its haulers continue to work with the commercial sector to increase compliance. The City's residential hauler offers free source-separated recycling to all multifamily accounts and all participate in the program.

REDONDO BEACH: Businesses can obtain recycling services through Athens Services, the franchised hauler or through other third party recyclers. Recycling is free and compost collection is \$4.15 per cart/month. All businesses participate in a mixed waste sorting program to remove recyclables

ROSEMEAD: Recycling is collected daily in the City. Most of the recycling is self haul and 3rd party. Most of the large businesses and companies have internal recycling programs and backhaul to their corporate. We estimate 70% of the businesses have some type of recycling or diversion program.

SIERRA MADRE: Commercial accounts (including applicable multifamily dwellings) are all in compliance with AB 341. Athens services collects mixed waste and processes the waste at its material recovery facility.

SOUTH GATE: The City currently offers commercial recycling for all customers at approx. 50% of MSW rate. In addition, the City has a significant number of third party haulers.

TORRANCE: N/A

2040-RC-SFH (Commercial Self-Haul)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 43943.38	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: 37 businesses stated they participated in third party recycling programs.
 BEVERLY HILLS: Businesses have the option to employ another entity outside of Athens Environmental Services to handle recyclable material. They also have the right to sell or transfer material to a destination of their choice.
 DUARTE: In Duarte, per the Municipal Code, businesses have the option to self-haul. There is currently one business in town that could assist with that endeavor.
 HERMOSA BEACH: Grocery stores and drug stores continue to backhaul recyclable materials including pallets, organic waste, cardboard, office paper, and plastic totes/racks.
 LYNWOOD: In 2017, the City's hauler, WRI, conducted about 50 site assessments to determine 3rd party and self-haul recycling activities by the business community. Of those, 12 businesses were determined to self-haul (2,009.35 tons) or use a third party (438.03 tons).
 MANHATTAN BEACH: Businesses can self-haul recyclables or sell them to outside vendors as long as no charge is given to seller.
 RANCHO PALOS VERDES: Businesses can self-haul recyclables or sell them to outside vendors.
 ROSEMEAD: The May 2017 City wide audit found 74 businesses self-haul and 220 have 3rd Party recycling. Most of the materials are CRV, baled and loose OCC, plastics, shrinkwrap, metal, wood, and grease.
 SOUTH GATE: Businesses can self-haul, backhaul or use a 3rd party to divert recyclables. Based on multiple site visits that were conducted in 2017, many businesses in South Gate are recycling through either self-hauling, backhauling or the use of a 3rd party. The type of materials that are being recycled include: cardboard, metals, plastics, C&D, paper, and renderings. The City of South Gate sent a letter to all businesses that have identified to be recycling through either self-hauling, backhauling, or use a 3rd party. The letter is to request tonnage verification from each business to aid in the verification of the commercial 3rd party tonnage being reported to CalRecycle. In addition, Waste Management has supported the City by visiting, calling, and emailing multiple 3rd party identified commercial customers. In 2018, the City and Waste Management will continue to request information from businesses to help verify the tonnage reported to CalRecycle.

2050-RC-SCH (School Recycling Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: Waste Disposal has several recycling programs for the 10 schools they service in the City.
 BEVERLY HILLS: Franchise hauler, Athens Environmental Services, collects mixed waste for all schools in the City of Beverly Hills. All of the mixed waste material collected from all of schools is sources separated at Crown Recycling Services facility in Sun Valley, CA. Tonnage is mixed with total commercial tonnage.
 BRADBURY: Royal Oaks Elementary school is within the City's jurisdiction but falls within the Duarte Unified School District. The City of Duarte utilizes Burrtec as their waste hauler and as such, all waste and recyclables are collected and sent to their MRF for processing. Students at the school learn about recycling and composting through programs such as Learning Gardens which incorporates the usage of compost bins. There are specified containers throughout campus to encourage students and faculty to recycle CRV bottles and aluminum cans. Additionally, the new construction of 14 Next Gen classrooms includes two water stations with water bottle spouts to promote the usage of reusable water containers.
 DOWNEY: Downey Unified School District uses franchised City hauler CalMet for all solid waste. CalMet provides recycle roll-offs for schools requesting them free of charge.
 DUARTE: Duarte USD worked with one hauler, Commercial to recycle at their nine facilities.
 HERMOSA BEACH: Hermosa Beach City School District includes two elementary schools. Both schools' waste stream is currently being sent to the franchise hauler's Materials Recovery Facility (MRF) for mixed waste processing recovering mixed paper, cardboard and mixed plastics. The City made an AB 1826 presentation to the Hermosa Beach City School District Board. The City, school district and franchise hauler continue the process of developing source separated recycling programs including food waste and 3Rs curriculum in the two schools. Grades of Green, an environmental parents group, continues to provide 3Rs and other environmental educational materials to the students including PowerPoint presentations followed by a related activity. Grades of Green parent docents and students continue to source separate paper and beverage containers during breaks and lunch time. Grades of Green also sponsors The Garden Club with parent docents operating the school community garden with students participating in its operation. The City and franchise hauler will be conducting waste audits at the two school cafeterias in early 2018. The franchise hauler donated \$3,500 to the Hermosa Beach Education Foundation, Leadership Hermosa and Grades of Green.
 HIDDEN HILLS: There is one elementary school (Round Meadow Elementary) in the City and they do have a recycling program. Total is reported to the district.
 LOS ANGELES:
 Sanitation
 Los Angeles Unified School District (LAUSD) Curbside Recycling: The LAUSD program is currently providing services to 441 schools, with Republic offering service to 1550 campuses across the entire LAUSD.
 LYNWOOD: Lynwood USD's hauler provides recycling services. Each school within the Lynwood USD manages their own recycling with installation of new hauler in 2017. Some schools self-haul and use recycling as a fundraising opportunity.

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LUSD is in discussion with their current hauler, Waste & Recycling Services, Inc., on how to recycle their food waste for all schools.

MANHATTAN BEACH: All schools in Manhattan Beach (public and private) utilize the City's hauler's recycling services. The hauler performs annual waste audits on the school containers to increase recycling. Recycling containers are located inside classrooms, in common areas and in the cafeterias. The school recycling tonnage is folded in with the Commercial recycling tonnage. Only the MBUSD greenwaste tonnage is reported separately by the hauler. City's hauler required to perform a minimum of 500 outreach to the schools in Manhattan Beach. In 2017, they performed 503. Activity logs are required and submitted to the City on a monthly basis. The City paid for nine 3 stream units (trash, recycling, food waste) for the Mira Costa High School common areas. The Clean Cart Challenge was performed again as part of contract with city's hauler: Mira Costa High School students perform a sample recycling audit of each route day and provide the "best recyclers" one month free refuse service (20 winners annually). City's hauler partnered with multiple schools in the district to host a Halloween Costume and Shoe Collection Drive. The City's hauler is required to provide each incoming first grader in MBUSD with a "Go Green Lunch Box" that promotes reuse. In 2017, 436 of the lunch box kits were distributed. Waste Management outreach specialists met with Student Sustainability Ambassadors, District Superintendent, MCHS Principal & Maintenance staff to discuss campus wide organics implementation. Collaboration with Parent Volunteers: Waste Management continued to support MBUSD as well as other schools in Manhattan Beach through event box donations, MSW/Recycling services and event assistance during events. Waste Management met with Grades of Green several times throughout 2017 to discuss collaborative efforts on how to increase food waste diversion and recycling at schools throughout Manhattan Beach. Additionally, Waste Management attended several events throughout the year to support Grades of Green including their annual Gala. Waste Management met with the Manhattan Beach Education Foundation to discuss additional ways to collaborate in addition to the contractual donation from Waste Management. Additionally, Waste Management attended several events throughout the year to support the Manhattan Beach Education Foundation including the Manhattan Beach Educational Foundation Wine Auction. Waste Management participated in the MBUSD Green Meeting with important educational stakeholders including Grades of Green, MBUSD staff and City staff to discuss new district initiatives, feedback for new program implementation as well as update one another on efforts being made to green MBUSD schools. Waste Management worked with several schools for their respective annual Pride Day Clean Up events. This included collecting greenwaste as well as additional other free, in kind services.

PALOS VERDES ESTATES: The PV Peninsula High School E Club (Environmental Club) collects recyclables through the campus and uses proceeds to enhance school programs and campus.

RANCHO PALOS VERDES: The County sponsored one Earth Day assembly at one elementary school. The City continues to notify the schools and teachers of the County's recycling workshops aimed at educators and grant opportunities. Recycling totals included in program 2030-RC-OSP. All assembly opportunities are free for the schools.

REDONDO BEACH: All 14 schools have recycling and composting programs. At least once a year they receive presentations from the LA County's Recycling/Pollution Prevention program called the Avengers.

ROSEMEAD: The schools held Earth Week event hosted by the Rosemead Educational Foundation. Republic Services continued to support the high school scholarship program. All campuses have recycling bins and programs. Schools are invited to attend the annual Public Works Day.

SIERRA MADRE: The two public schools use a different hauler and diversion rates appear to be low. However, the two public schools and all private schools are very good at messaging and awareness of recycling activities.

SOUTH GATE: All 21 schools in South Gate are LAUSD and have a recycling program through their contracted hauler, Republic Services. Recycling is implemented in all classrooms, and some schools recycle cardboard and plastics during lunch time. In the 2018-19 school year, LAUSD will begin implementing a food waste recycling program.

TORRANCE: Contracted hauler provides weekly recycling collection. Styrofoam lunch tray recycling program in place in elementary schools, all others using cardboard trays. Tonnage included in commercial collection tonnage.

2060-RC-GOV (Government Recycling Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 15699.81	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: Southern California Shredding Co. continues to provide shredding and recycling services to the City.

BEVERLY HILLS: All city facilities prescribe to mixed waste collection service which is sort separated at Crown Recycling Services in Sun Valley CA. Tonnage data is reflected in the Commercial On-Site Program.

BRADBURY: The Civic Center recycles material when possible (reflected in 2030 RC SFC). All staff is provided with a recycling bin at their work stations to facilitate recycling materials.

DOWNEY: City government recycling provided by local franchise hauler (commingled) at all City facilities, street faire, food fest and all city events. TLC 5K (beverage containers).

DUARTE: City Hall and the city yard both receive commercial onsite pickup of recyclable materials. Government recycling tonnages are included with commercial onsite pickup.

HERMOSA BEACH: The Public Works Department recycled 68 tons of C&D including asphalt and concrete reported in 4060 SP CAR, 116 tons of greenwaste, 2.43 tons of mixed metal scrap reported in 4040 SP SCM, 1.9 tons of automobile (40 tires at 20 lbs. each per USEPA) and truck tires (40 tires at 75 lbs. each per USEPA) reported in 4020 SP TRS and 23 tons of wood scrap including pallets. 180 gallons of used oil and 30 oil filters were recycled, as special waste this diversion

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is not included in Government Recycling tonnage. Sensitive document shredding service for the Finance and Police Departments is provided by the franchise hauler with diversion tonnage included in the commercial sector recycling tonnages. The City auctioned 7 surplus vehicles including 4 pickup trucks, 2 sedans and 1 forklift, unable to quantify diversion tonnage at this time. The City recycles mixed paper, office / computer paper, sensitive document shredding, cardboard and CRV plastics, glass and aluminum through the franchise hauler's mixed waste processing system. The diversion tonnages of these materials through mixed waste processing by the franchise hauler are combined with and included in the annual commercial sector diversion tonnage totals, unable to separate or quantify at this time.

HIDDEN HILLS: The City recycles bottles, cans, batteries, printer ink cartridges, and paper. Total is included with program 2030-RC-OSP.

LOS ANGELES:

Harbor

Administrative Office Recycling Program: The commingled single stream recycling program continues to be provided to Environmental, C&M Yard and HAB (Administrative Offices) and the Port of Police buildings. BOS Harbor Division continues to provide recycling services.

Toner Cartridge Recycling: Toner cartridges from desktop printers, copy room, and engineering department plotters are collected and sent to Staples' recycling vendor.

Los Angeles Zoo

Zoo wide recycling: Continue to collect office paper, cardboard, bottles, cans, as part of Zoo wide recycling program.

Materials are picked up from Zoo by Facilities Recycling and combined with their diversion data.

Sanitation

City Facilities Recycling Program: The CFRP now provides recycling service at 312 sites, a slight increase from 2016.

Nearly all sites have regularly scheduled service.

Toner Cartridge Recycling: In 2017, Printing Technology, Inc. (PTI) collected approximately 9,288 empty cartridges weighing approximately 15,088 lbs. PTI sold 5,801 cartridges, a differential of 3,427 cartridges. (Note, the CY 2017 report for cartridges sold has not been received, sold cartridge numbers are from 2016.) CFRP began compiling a list of cartridge contacts in each City department, which will enable CFRP to launch an educational/outreach program in 2018 to address discrepancy. Konica Minolta's Clean Planet Program continues to offer free pickup and recycling of all toner cartridges, imaging units, waste toner bottles, developer units, drums, etc., regardless of manufacturer or source, that PTI is not able to use in its remanufacture process. KM collected from PTI 4,332 units weighing 1.44 tons.

Water and Power

Salvage Materials Recovery: The LADWP has a salvaged materials recovery program keeping salvaged furniture and office supplies out of city landfills by recycling. All office furniture and materials can be collected as scrap, reused, or sold. These materials are collected from all our various LADWP offices which qualify as commercial material. All LADWP facilities have the option to deliver salvaged materials.

Administrative Office Recycling Program: The LADWP has an Administrative Office Recycling program set in place. Bins are set up throughout facility for shredding of paper.

Toner Cartridges: The LADWP has an empty toner cartridge program. The toner cartridges and related depleted imaging supplies are picked up by contracted part time Imaging from DWP.

LYNWOOD: All City facilities use the mixed waste processing provided by hauler. Totals included in 2030-RC-OSP.

MANHATTAN BEACH: Government recycling is provided by the City's franchised hauler, and the general recycling tonnage from enclosure carts/bins is included as part of the commercial recycling tonnage. Hauler's tonnage report includes separate tons only for Government greenwaste (listed under 3020), tires (listed under 4020), metal (listed under 4040), a couple key events (listed under 2090), and concrete/asphalt material (listed under 4060) from City projects. Each public facility has recycling containers in its enclosures, deskside recyclers are offered/available to all staff in workstation areas, recycling containers in Public Works common areas and in common areas such as near copiers and in break rooms. City has over 100 public commingled recycling containers in the public right of way. Recycling occurs at all City sponsored events. The City's street sweeping vendor, Athens Services, composted 100% of the debris collected during the street sweeping process. Clean Cart Challenge performed again as part of contract with city's hauler: Mira Costa High School students perform a sample recycling audit of each route day and provide the "best recyclers" one month free refuse service (20 winners annually). City staff performed multiple beach clean ups and city's hauler provided bins at the Pier to capture waste and recycling. About 65 gallons of waste was collected at each of the 20 minute clean ups. City's hauler provided services and outreach at 10 City special events throughout the year.

PALOS VERDES ESTATES: Government offices continue to recycle commingled materials and greenwaste generated on premises. Staff are supplied with recycling containers at each workstation and at various locations throughout City Hall.

POMONA: City Hall/City Facilities received a weekly pickup of blue containers 13 tons, plus 11.62 tons (City Clerk 7 tons and PD 4.62 tons) record destruction. Mostly paper and other recycling products are disposed of in the blue containers.

The City has a Shred-a-Thon annually, 4.62 tons (decrease resulted in moving tonnages to 3060 CM GOV: greenwaste mulch and 659.74 tons were generated by city crew maintaining Reservoir Sites. Street crew called on emergency trees/limbs down are hauled to Grand Central).

RANCHO PALOS VERDES: The City continued its periodic evaluation of recycling programs at City Hall and city parks. Recycling containers are located in break and conference rooms at all City facilities Recycling totals included in program 2030-RC-OSP.

REDONDO BEACH: All City locations have recycling bins. All desks are equipped with trash and recycling containers. The same materials are collected at the curbside. Toner and Laser cartridges are recycled and/or refilled. All of the waste collected in the City is sorted to recover recyclables.

ROSEMEAD: The City and hauler are versed on new and future state mandates and policies. Staff works with Council to

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provide updates or promote recycling program, school scholarships and events. City staff and haulers regular attend the LA Regency Agency (LARA) meetings and events. The City added deskside recycling bins and setup recycling in the break areas.

SIERRA MADRE: The City has continued to prominently place recycling blue bins throughout government buildings as well as well as ensuring that separate recycling "dumpster" bins are available and serviced at the four major locations within the City: City Hall, Police/Fire station, Community Center, and Public Library. Source separated bins at Community Center, City Hall and Library.

SOUTH GATE: Recyclables were collected and diverted from City offices and facilities. The City offices all have a robust recycling program promoted by both the City and Waste Management. More than 50% of material generated is paper and cardboard. Materials also include cans, glass and plastic.

TORRANCE: Full office program in place. Each cubicle has a desk side recycling bin, trash and recyclables separately. Recycling at all communal areas, in kitchens, copy rooms, staff rooms, meeting rooms, and breakrooms everything except organics. Collections also include electronics, toner cartridges, fluorescent bulbs and batteries. Data is from city contracted trimming 478 tons, capital projects for asphalt/concrete 2835 tons, 1413 tons dirt and 20 tons greenwaste, 31 tons scrap metal and asphalt zipper 4000 tons.

2070-RC-SNL (Special Collection Seasonal (regular))

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 839.54	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: Christmas tree curbside collection occurs 2 weeks after Christmas. Tonnage is included in greenwaste section of annual report.

BEVERLY HILLS: Christmas trees are collected after the holiday season and are processed along with the greenwaste for compost. Athens prescreens the organics in Sun Valley, CA and then takes material to Lamont, CA for compost processing. In addition, the city purchased a chipper and chipped trees at the city yard prior to delivering material to Sun Valley.

BRADBURY: The City, in partnership with its waste hauler, participates in the LA County Sanitation District Annual Christmas tree recycling program.

DOWNEY: Christmas trees, white goods and mattresses recycled weekly from franchise hauler if called in by residential customers.

DUARTE: A total of 18.97 tons of Christmas trees were collected by City's franchise hauler, Burrtec Waste. The Electronic waste, clean rock/dirt/gravel, metal, tires, and greenwaste diverted for community wide cleanups (tonnage included in Special Waste Programs).

HERMOSA BEACH: The franchise hauler continues to provide residential curbside collection of Christmas trees for a designated amount of time immediately following the holiday, after this City residents are allowed to drop off Christmas trees at a roll-off bin serviced by the franchise hauler. Diversion tonnage is included and reported in 3000 CM RCG and 7040 FR ADC.

HIDDEN HILLS: In 2017, Christmas trees were collected along with residential greenwaste and is included in the total for program 3000-CM-RCG.

LOS ANGELES:
Sanitation
Christmas Tree Drop Off Collection: LASAN continues to collect Christmas trees during the holiday season. In 2017, approximately 80,000 Christmas trees were collected for a total of 251.25 tons.

LYNWOOD: In 2017, 21.74 tons of Christmas trees were collected for mulching/composting through curbside pickup for 2 weeks after Christmas.

MANHATTAN BEACH: No change.
Holiday tree recycling collection is performed from the collection day after Christmas for 3 consecutive collection weeks.

PALOS VERDES ESTATES: The City's franchised waste hauler collects Christmas trees after the holiday season and processes with their greenwaste loads. The City also sponsors a paper shredding event with the franchised waste hauler.

POMONA: City staff collects the Christmas trees curbside 44.97 tons and then are delivered to a local landscape company for recycling. The City conducts 6 community clean up events, material collected include bulky items, scrap metal, wood, white goods, mattresses (hauler is Valley Vista), other items collected at the event is used oil and filter, e-waste.

RANCHO PALOS VERDES: 263.40 tons of bulky items collected in 2017 (4,726 items). The City's hauler continues to collect Christmas trees for recycling. The totals collected are included in greenwaste totals (3000 CM RCG), and the balance is mulched or used as Alternative Daily Cover (ADC). The residential hauler promoted special holiday collections with billing inserts and flyers at public counters and parks.

REDONDO BEACH: The City provides a Christmas Tree collection event each year. The City promotes the program through flyers, website, and newspaper ads. The tonnage is included in the greenwaste tonnage in program 3000. The city hosts two HHW and two Fall Document Shred Events a year.

ROSEMEAD: The City held the Annual Civic Pride Day that is hosted by the Rosemead Beautification Committee and the Garvey School District. The event provided improvements at the Jess Gonzalez Sports Complex, Sanchez Elementary, and Klingerman Park. Volunteers clean the riverbeds, remove grass and install drought tolerant plants. Christmas trees diversion is included in residential greenwaste tonnage.

SIERRA MADRE: The City continued its Christmas tree recycling program in 2017. The City also recycles park greenwaste associated with Cleanup Days that are sponsored by community organizations such as the Sierra Madre Little League and Sierra Madre Environmental Action Council. Residents are allowed 4 'bulky' item pickup days each year.

SOUTH GATE: 43.25 tons of Christmas trees were collected in 2017. The City has a Christmas tree recycling and bulky item collection program. Both programs are heavily promoted to residents to ensure maximum participation.

TORRANCE: Data from City Christmas tree collection totals 25 tons, 46 tons of mattresses and 25 tons of brush removed by goats.

2080-RC-SPE (Special Collection Events)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 266.16	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: CR&R holds 2 bulky item drop-off events every year. The Sanitation District of Los Angeles hosts HHW and E-Waste Roundups in the city.

BRADBURY: The city, in partnership with its waste hauler, hosts two Community Cleanup Events on an annual basis. The event sets up three separate collection locations throughout the City and takes in electronic waste, bulky items and greenwaste.

DOWNEY: Beverage container recycling at community sponsored events, such as 4th July, Street Faire, Concerts in Park, National Night Out and rooftop events.

HERMOSA BEACH: The franchise hauler continues to provide residential curbside e-waste collection, each residential account is allowed two bulky item pickups including e-waste annually. The franchise hauler continues to provide recycling collection services for beach clean ups. Heal the Bay sponsored "Nothin' But Sand Beach Cleanup, Heal the Bay and Grades of Green sponsored Coastal Cleanup Day, the LA Kings and Heal the Bay sponsored Beach Cleanup and the Surfrider Foundation sponsored a Beach Cleanup.

LOS ANGELES:

Airports (LAX)

Special Event Recycling LAWA: LAWA MSD put out recycling bins for the 2017 annual employee health and wellness fair. The recyclables (typically cans and bottles) are consolidated with the other recyclables in the Maintenance Services Division's (MSD), recycling area/yard.

Sanitation

Special Event Recycling SAN: In 2017 LASAN serviced a total of 298 events for a total of 43 tons, of which 11,8897 lbs. were recyclable material.

LYNWOOD: In 2017, 2 bulky item collection events were conducted. A total of 11.77 tons were diverted from these events. Regular bulky item pickups recycled 23.95 tons mattresses and 166.65 tons of other items.

MANHATTAN BEACH: Paper shredding event took place at Mira Costa High School parking lot on April 22, 2017, required as part of the hauler's franchise agreement. 6.97 tons of paper were collected, shredded and recycled.

PALOS VERDES ESTATES: Environmental Expo and Shred Events are held annually.

POMONA: The Pomona Fairplex has a free household hazardous & e-waste recycling roundup each year. The City assist in the promoting the event.

RANCHO PALOS VERDES: In 2017, 0.61 tons of recyclables were collected from special events, including the PV Marathon, Whale of a Day, Fourth of July, and Coastal Cleanup Day events. E-waste is collected and mulch is given away at the shredding events. 21.93 tons of paper were collected at 2 shredding events in 2017.

ROSEMEAD: In 2016, the City Manager started a Quality of Life Team, to proactively target areas in Rosemead that experience frequent trash dumping and blight. The Mayor recruited several community partners: LA County Sheriff, Homeless Services Authority, Volunteers of America and Republic Services. Every two weeks for two hours, the team targets areas for cleanup. Republic Services provide the waste & recycling bins.

SIERRA MADRE: Athens continues to provide recycling containers (which are emptied into recycling bins as needed throughout the event) for Huck Finn, Mt. Wilson Trail Race, 4th of July events, Art Fair, Wistaria Festival, Wine Tasting, and this year also provided the recycling containers for a Historical Society event and Christmas themed downtown event. Most of these events' recycling containers are per the contract with Athens, and they have also been willing to provide recycling containers and separate collection for special requests.

SOUTH GATE: During the Annual Earth Day Event, the City hosted a community clean up event that also included a tree planting project and the collection of abandoned recyclables. As a result of this program, volunteers planted 38 trees across the City and diverted ten 30 gallon bags of recyclables. In addition, both Waste Management and the City participated in Rotary Club Community Cleanup events throughout the City.

TORRANCE: Materials from 2 recycling collection event include electronics and shredded paper. Recycling by Parks Department includes other city events such as fairs, concerts, etc. That tonnage is included under other codes. Tonnage here is from paper shredding only. Electronics tonnage is under code 9045.

2090-RC-OTH (Other Recycling)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: .72	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

HERMOSA BEACH: The City continues to auction surplus office equipment, furniture and office supplies. The City also continues to auction surplus vehicles including small vans, sedans, light trucks and small SUVs; unable to quantify diversion tonnage at this time. Textiles, carpeting, tires and pallets are recovered during franchise hauler's mixed waste processing; unable to quantify at this time. The Community Resources Department continues to use the Green Matrix for all event permit applications.

MANHATTAN BEACH: Franchise agreement requires hauler to provide unlimited recycling at no additional charge for all city sponsored events. The franchise agreement also includes a section related to non-city sponsored events and the recycling services available to event coordinators with varying costs for different services. Tonnage is of City Holiday Fireworks event only.

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3000-CM-RCG (Residential Curbside Greenwaste Collection)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 452854.66	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:

Single-family residences | Multi-family residences | Green Waste | Food Waste

Jurisdiction Notes:

ARTESIA: All greenwaste is collected and processed at an anaerobic digester by the hauler, CR&R.
 BEVERLY HILLS: Residential greenwaste is collected separately from mixed waste material by City's staff, and prescreen separately from the mixed waste material at Crown Recycling Services MRF in Sun Valley. The residential greenwaste is processed into compost at the Blossom Valley compost facility in Lamont CA.
 BRADBURY: The City's greenwaste is taken to the West Valley MRF where it is processed and combined to use as compost.
 DOWNEY: CalMet provides 96 gallon greenwaste carts for all Downey residential families and for their multi-unit families 4 or less units. An additional free greenwaste container is provided upon request.
 DUARTE: Duarte greenwaste is delivered to the Azusa MRF which delivers greenwaste to materials processors for compost and mulch.
 HERMOSA BEACH: Diversion tonnage is 409 tons. Franchise hauler continues to offer residential single family greenwaste collection service upon request with a fee charged for a greenwaste collection bin. The green bin is for the collection of yard trimmings only, including all organic materials generated in landscapes or gardens. Food waste cannot be placed in the green bin at this time. The franchise hauler estimates a 10% participation rate in the residential curbside greenwaste program.
 HIDDEN HILLS: The City's franchise hauler collects greenwaste (carts) and manure (carts and bins) from residents throughout the City. In 2017, 1490.77 tons of greenwaste (including Christmas trees) and 746 tons of manure were collected. HHCA's contractor chips/grinds/composts about 19.66 tons per year.
 LOS ANGELES:
 Sanitation
 Curbside Collection of Yard Trimmings: Yard trimmings are collected in the green bins from over 750,000 households.
 Bulky Yard Trimmings Collections: 362,334.27 tons of yard trimmings were collected in green bins from over 750,000 households.
 LYNWOOD: In 2017, 1,643.60 tons of greenwaste was composted. Additionally, 3.74 tons of greenwaste were collected at the 2 bulky item cleanup events.
 MANHATTAN BEACH: Curbside greenwaste recycling is available to all residential and multifamily properties at no additional charge. In 2017, there were over 12,000 residential greenwaste carts citywide.
 PALOS VERDES ESTATES: The City's franchise hauler collects greenwaste from residents throughout the City.
 POMONA: The greenwaste is collected in 96 gallon green containers and is taken to Pomona Valley Transfer Station. From there the material is taken to a recycling company and is used for compost and the remainder is taken to a waste to energy facility.
 RANCHO PALOS VERDES: In 2017, the City's exclusive franchised hauler, EDCO, collected 10955.29 tons of greenwaste (including Christmas trees and brush from 2 brush clearing events).
 REDONDO BEACH: Athens Services provides a voluntary compost program that includes collecting food waste, food soiled paper along with the existing feedstock of yard trimmings from curbside customers in 32, 64 or 96 gallon carts. This combination of organics is delivered to America Organics, a composting facility in Victorville, CA. The compost program continues to be mildly successful as far as we can determine. The tonnages remain similar to the levels before food and food soiled paper were allowed in the green container. Staff believes that the inability for the public to use regular plastic bags and the unlimited trash amounts for no extra cost reduces the participation. Additionally, many of the homes have very little yard space and don't require a yard trimmings cart. Other inhibiting factors include smell and vermin infestation.
 ROSEMEAD: No changes to the program. All greenwaste is processed and sent for compost.
 SIERRA MADRE: Residents are provided with unlimited free greenwaste bins as part of their curbside service from our contract hauler. Residents are also advised that they each receive four bulky item pickups per year at no charge which are often used for greenwaste after windstorms. This material was collected as a special service by our franchise hauler and used as ADC in Scholl Canyon and other locations.
 SOUTH GATE: In 2017, Waste Management conducted and completed a Green Waste Pilot Program for 397 residents of South Gate to measure the effectiveness of a city-wide greenwaste program. As a result of the Pilot Program, Waste Management was able to collect and divert 140.26 tons of greenwaste from landfills. All greenwaste was taken to a Waste Management greenwaste facility for composting.
 TORRANCE: Fully automated program, 64 and 96 gallon container option. No food waste is included yet, waiting on infrastructure.

3010-CM-RSG (Residential Self-haul Greenwaste)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
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	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: No
<p>Jurisdiction Notes: ARTESIA: Landscaper and gardeners have the option to haul their own greenwaste from the City or use a CR&R greenwaste container. BEVERLY HILLS: Residents and landscapers are allowed to handle their greenwaste through self-haul. This material may end up at landfills as ADC. DOWNEY: 2 drop-off locations: D.A.R.T. (Downey Area Recycling & Transfer Facility) PRR (Paramount Resource Recycling) both facilities are staffed. DUARTE: Residents have the option to self-haul. LYNWOOD: Residents may self-haul greenwaste to local facilities. MANHATTAN BEACH: Residents may haul their own greenwaste if they choose, however residents prefer to utilize the free curbside greenwaste program offered through the City's hauler, Waste Management. PALOS VERDES ESTATES: Residential greenwaste is accepted at the Palos Verdes Recycling Center. Landscaping and Independent Gardeners self-haul greenwaste from residential customers. POMONA: Residents have the option to self-haul. RANCHO PALOS VERDES: Residents may haul their own greenwaste if they choose. However, residents prefer to use the free curbside program offered by EDCO, the City's hauler. ROSEMEAD: No changes to the program. Gardeners take little greenwaste to ADC. SOUTH GATE: The City has a residential self-hauler greenwaste program. Residents, gardeners, and landscapers are directed to take their waste to composting sites. TORRANCE: greenwaste self-haul is available, but no tracking in place.</p>		
<p>3020-CM-COG (Commercial On-Site Greenwaste Pick-up)</p>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 7222.55	Selected in SRRE: Yes
		Owned or Operated: No
<p>Selected Program Details: Green Waste Food Waste Food-Soiled Paper Waste</p>		
<p>Jurisdiction Notes: ARTESIA: Businesses and multifamily homes are offered 65 and 90 gallon greenwaste collection carts. 2 businesses and 12 multifamily homes had greenwaste service through CR&R. This is promoted in the City and hauler's educational material. BRADBURY: The City is an all residential zone and does not have any commercial buildings or multifamily dwellings. Large estates (1, 2, and 5+ acres) in the community utilize bins. DOWNEY: CalMet collects greenwaste from commercial accounts that have such waste. Most commercial accounts landscapers collect their greenwaste. DUARTE: Burrtec Waste commercial greenwaste participation rate 2017 AR: 11%. Mid-2017 greenwaste was delivered to Azusa "Waste Management" MRF. LYNWOOD: The City's hauler, WRI, offers greenwaste service for its commercial and roll off customers. In 2017, 53.15 tons were recovered from roll off accounts. MANHATTAN BEACH: onsite commercial greenwaste recycling is available to all businesses and commercial bin customers at a discounted rate. Tonnage includes MBUSD and greenwaste collected through the City's landscaper at the Public Works Yard. PALOS VERDES ESTATES: As of now, there are no commercial greenwaste accounts for franchise hauler in PVE. There are 3rd party haulers such as commercial property landscape contractors that are not regulated at this time. POMONA: The City provides fact sheets on website for landscapers. Haulers reported Burrtec 703.13 tons, VV 17.91 tons, WM 27.16 and 1,405.35 tons of street sweeping service debris are recycled as mulch. RANCHO PALOS VERDES: City landscapers utilize greenwaste bins at the city yard. 5 of the City's commercial haulers reported collecting 591.95 tons of greenwaste and wood in 2017. REDONDO BEACH: Athens Services collects compostable food waste and food soiled paper from selected restaurants on the Pier and from the 14 schools. The program is available to all commercial customers for a small charge per 96 gallon cart. Additionally, Athens is composting the street sweeping debris. SIERRA MADRE: Athens Services continues to collect greenwaste from commercial accounts that have such waste. In Sierra Madre, there are very few commercial properties that have much greenwaste. However, the one fruit canning business that does contribute a good amount of greenwaste continues to be a good example in their efforts. This tonnage was not tracked/reported by Athens separately. SOUTH GATE: The City does not have a substantial commercial greenwaste program. Currently, the program is only temporary roll-offs. TORRANCE: Tonnage from private haulers audited quarterly reports. Tonnage included under 2030.</p>		

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3030-CM-CSG (Commercial Self-Haul Greenwaste)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 33	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: If commercial customers utilize landscapers/gardeners, they are encouraged to either self-haul or sign up for greenwaste services. This is promoted in the City and hauler's educational material.
 DOWNEY: For multifamily 5 or more units and commercial accounts, landscapers collect their greenwaste.
 DUARTE: City yard collects greenwaste. Tonnages included in greenwaste commercial onsite pickup. In 2017, greenwaste was delivered to Azusa "Waste Management" MRF.
 LYNWOOD: Landscapers continue to use local facilities for diversion activities.
 MANHATTAN BEACH: Commercial businesses may self-haul greenwaste, but choose to utilize the services through Waste Management.
 PALOS VERDES ESTATES: Commercial greenwaste is accepted at the Palos Verdes Recycling Center. Landscaping and independent gardeners self-haul greenwaste from commercial customers.
 POMONA: The City provides fact sheets on website for landscapers. Most residential landscapers will use the greenwaste bin provided at the residence or take greenwaste to local MRFs.
 RANCHO PALOS VERDES: Landscapers may take greenwaste to local facilities.
 ROSEMEAD: No changes, very little greenwaste is taken to Landfill for ADC. Republic Services collects all the City greenwaste for compost.
 SOUTH GATE: Materials are taken to a greenwaste composting site. Gardeners and landscapers are responsible for hauling their own greenwaste, since there is no drop-off site in the City.
 TORRANCE: Greenwaste recycling available at local transfer stations. Tonnage included in code 2030.

3035-CM-COR (Commercial Organics Recycling)

Current Status: AO - Alternative and Ongoing	Program Start Year: 2016	Existed before 1990: No
	Report Year Diversion Tons: 4367.62	Selected in SRRE: No
		Owned or Operated: No

Selected Program Details:

Source separated | Food Waste | Food-Soiled Paper Waste | Green Waste | Nonhazardous Wood Waste | Landscape and Pruning Waste | Self-Haul | Edible Food Recovery

Jurisdiction Notes:

ARTESIA: In 2017 there was one participant in the hauler's organics program. Large markets in the City back-haul their food waste through corporate. 65-gallon carts are available for customers for now.

BEVERLY HILLS: Food waste recycling is currently limited to commercial businesses. More than 95% of restaurants/food establishments participate in the food waste program. The food waste collected is processed for compost. Multifamily properties are instructed to bag and bundle all of their green and place it next to the mixed waste containers in the alleys, this material is collected separately. Currently none of the multifamily properties (5) units or more generate more than (4) cubic yards of green waste a week. The City plans to purchase green waste containers for multifamily properties that meets AB 1826 requirements next budget year. The green waste containers will be staged in the alley for landscapers to use when servicing multifamily properties that are subject to AB 1826.

BRADBURY: Bradbury does not have any commercial businesses or multifamily complexes.

DOWNEY: Franchise hauler collects organics that grow from the ground up. No meat or dairy are collected. The organics is collected and handled like greenwaste.

DUARTE: N/A

HERMOSA BEACH: Franchise hauler reports that no businesses have subscribed to organics collection service at this time. Two major grocery stores back-haul organics to distribution centers for recycling.

HIDDEN HILLS: N/A

LOS ANGELES: Transition period for the new franchise system, recycLA, began in July 2017 and was completed in January 2018. recycLA service providers continue to encourage customers to sign up for organics recycling.

LYNWOOD: The hauler's program consists of one to three 64-gallon carts collected (swapped for clean) one to three times per week. The material will be sent to the PHMRF for inclusion in the WM/ Carson JWPCP program until a more local opportunity arises.

MANHATTAN BEACH: Organics is collected in 32-gallon or 64-gallon carts and direct hauled to Waste Management's CORE facility in Orange, CA for BioSlurry production. Once it's ready, the BioSlurry is transported to LA-San District for anaerobic digestion process. Energy is created to power the plant.

PALOS VERDES ESTATES: Collection frequencies, types of collection and participation vary with each location and each hauler

POMONA: N/A

RANCHO PALOS VERDES: The City and its haulers continue to work with the commercial sector to increase compliance.

REDONDO BEACH: Athens Services collects compostable food and food soiled paper from selected restaurants on the Pier and from the 14 schools. The program is available to all commercial customers for a small charge per 96-gallon cart. Additionally, they are composting the street sweeping debris and many supermarkets have their own programs to compost uneaten produce and other food.

ROSEMEAD: Recruiting of businesses, auditing, training, delivering of bin or carts, constant monitoring and retraining. A large component of the organics programs is setting up partnerships with Food Finders and non-profits organizations.

SIERRA MADRE: N/A

SOUTH GATE: All food waste is taken to the Waste Management CORE facility located in the City of Orange. The food waste is created into an organic slurry that can be used to generate renewable, green energy. Waste Management is working with the LA County Sanitation District Water Pollution Control Plant in Carson, CA, where the slurry is added to the plant's anaerobic digestion system to increase the production of methane which is used to generate electricity. In 2017, the South Gate City Council approved Waste Management's commercial organics rates.

TORRANCE: N/A

3040-CM-FWC (Food Waste Composting)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 6658.63	Selected in SRRE: Yes
		Owned or Operated: Yes

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Jurisdiction Notes:

ARTESIA: One customer (Artesia Christian Home) had food waste recycling through CR&R. Starbucks and McDonald's have coffee grounds recycling program through corporate. Stater Bros. and 99 Ranch Market have recycling through corporate for meat renderings and vegetables.

LOS ANGELES:

Sanitation

Restaurant Food Waste Recycling: The food waste recycling program transitioned into the new waste hauler franchise program as of July 1, 2017.

Residential Organic Collection: The Residential In-Sink Food Waste Disposer pilot program began in June 2017. Baseline studies were performed to evaluate the solid waste, wastewater, and conveyance system throughout the 3-month pre-implementation phase. Residents were also surveyed and signed up to participate in the program. 140 of the 522 pilot homes signed up to participate and installations of in sink disposal units at 100 of the homes took place throughout August and September. Implementation Phase started in September 2017 and the first set of quarterly studies was performed throughout October to December 2017.

Residential Food Waste Prevention and Food Scrap Collection: The pilot program will conduct outreach and education on the various ways to better manage and prevent food waste, such as through better shopping practices, food preparation and cooking, and understanding labels. The education may also touch upon various ways to utilize food scraps, such as backyard composting and/or the use of household garbage disposer. In addition, the pilot program will offer these residents the ability to place food scraps into their existing green yard trimmings bin. Residents will be provided a small kitchen pail to help promote separation of food scraps in the kitchen. The City will collect the commingled food scraps and yard trimmings on the regular collection day, and bring the material to a facility that can process the material for beneficial reuse.

MANHATTAN BEACH: The City's hauler, through the backyard composting program, provides 5 free composting classes annually, and the City subsidizes a discount composting bin program for all residents year round. Green/yard waste collection is available curbside for all sectors in the City. Residential Food Waste is bagged and placed in the green cart and is reverse sorted at the Transfer Station. The City converted its pilot commercial food waste program to a citywide commercial program beginning August 1, 2015 for commercial and September 1, 2015 for residential. Food waste is transported to Waste Management's CORE facility in Orange, CA, where it is converted to an engineered BioSlurry. This BioSlurry is then transported to the LACSD Wastewater Treatment Plant in Carson, CA where it is placed in an anaerobic digester and converted to BioGas. This BioGas powers the WWTP, making it self-sufficient. The tonnage is curbside residential food waste only from Manhattan Beach.

Residents place all food scraps in any plastic bag, tie it off, and place in their greenwaste cart. The bags are reverse sorted at the transfer station and the rest of the process is the same as commercial. The City and hauler perform food waste program outreach on every related solid waste outreach piece. Outreach message is very simple, 1 2 3 (food in bag, tie off bag, put bag in green cart).

REDONDO BEACH: Athens Services collects compostable food waste and food soiled paper from selected restaurants on the Pier and from the 14 schools. The program is available to all commercial customers for a small charge per 96 gallon cart. Additionally, they are composting the street sweeping debris and many supermarkets have their own programs to compost uneaten produce and other food. Also, 10 slim jims will be given in 2018 to selected restaurants in the City to promote food waste composting

SOUTH GATE: Waste Management does not compost food waste that is collected through its commercial organics program. All food was it taken to the Waste Management CORE facility located in the City of Orange. Food waste is repurposed to create energy. More information about the anaerobic digestion process and tonnage for 2017 can be found in section 3035.

TORRANCE: Part of private hauler's requirements to implement mandated programs. Methods vary by hauler. 2017 data is 94 businesses meet the threshold, but 85 do not have programs. For multifamily, 84 complexes meet the threshold, 69 do not participate.

3050-CM-SCH (School Composting Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

MANHATTAN BEACH: Several Manhattan Beach schools have internal composting programs using tumbling composters to educate the students on how to compost their lunch waste. Composting classes are taught by Waste Management to volunteers, students, and teachers to assist in the success of the program. Over 20 boy scouts and their parents attended the Compost workshop at Meadows Elementary. WM staff played a recycling game then demonstrated backyard composting. Each child built a mini worm hotel in tennis ball cans and got hands on experience with vermicomposting (see WM annual report for photos).

RANCHO PALOS VERDES: The City offers discounted compost bins to schools. In 2017, no schools requested bins.

REDONDO BEACH: All of the 14 public schools participate in the commercial compost collection program. 4 public schools have backyard composting bins and utilize the compost as nutrient soil for their garden

SIERRA MADRE: The Community Nursery School is the shining example of the community and teaches the children at a very young age about composting.

TORRANCE: School education programs on composting. Many have compost or vermicompost bins, often donated by the City. Ten schools have now been through the Trash Free Lunch Challenge, which includes sorting lines to separate out compostables. No tracking in place, or tonnage included in 2030.

3060-CM-GOV (Government Composting Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 39292.77	Selected in SRRE: Yes
		Owned or Operated: Yes

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Jurisdiction Notes:

ARTESIA: The City contracts West Coast Arborist which mulches, chips and reuses wood waste.
 BEVERLY HILLS: WCA & TruGreen Landcare are the contracted landscapers for the City. WCA collected and hauled material off-site to composting and/or mulching facilities. TruGreen Landcare uses Athens roll-offs for majority of their greenwaste material, and their tonnage is reflected in roll-off recycling numbers.
 BRADBURY: Landscape trimmings are recycled at the Civic Center and recorded as greenwaste.
 DOWNEY: City's Landscape contractor recycles composting for City on an as-needed basis. Tree trimmings collected by franchise hauler.
 DUARTE: City yard collects greenwaste. Tonnages included in greenwaste commercial on site pickup. In 2017 greenwaste was delivered to Azusa "Waste Management" MRF.
 LOS ANGELES:
 Airports (LAX)
 Greenwaste Collection: The 49.34 tons reported by MSD for 2017 is for the greenwaste recycling program which includes grass clippings.
 Los Angeles Zoo
 Composting includes Animal Waste: Continue to compost greenwaste and animal manure at the Griffith Park Composting facility.
 Sanitation
 Horse Manure Diversion: Residential horse owners may order 60 gallon brown horse manure containers. The containers cost \$10.00 per month per container and there is a six month obligation.
 Food Rescue: The Division continues to donate excess food from meetings/events to nearby homeless shelters.
 City Departments Organics Collection: LASAN implemented a pilot food waste collection program at LAX in Terminals 7 and 8 in 2017. A fast food restaurant, a coffee house, a sit down restaurant, and an airline VIP lounge were selected to represent the four different types of concessions within the airport (45.91 tons collected from 4/22/17-12/31/17). A food waste collection pilot was also launched at the food service establishment within City Hall (645.1 lb. collected from 10/24/17 -12/11/17). Tonnage is reported in program 3035.
 Street Services
 Brush Clearance: The Bureau of Street Services (BSS) chipping and grinding operation receives tree trimmings (i.e. brush and logs) from City crews, the Department of Water and Power, and contractors who are performing City contracts. The brush and logs are brought in and ground. The ground mulch is then screened to produce different products. The extra product is sent to cogeneration plants to produce electricity. The other products are sent to community gardens, botanical gardens, homeowners, and utilized at City and County facilities and projects. The palm material is sent to farmers for dust mitigation and migrating sand control. None of the material produced at the chipping and grinding operation is composted. The Bureau has a website that promotes the free mulch, this is also promoted by word of mouth.
 Water and Power
 Green Waste Recovery: The LADWP takes turf clippings, branches, brush, and other materials to LADWP district yards. The collection is made by LASAN and taken to LASAN facilities for processing.
 LYNWOOD: In 2017, 1,534.05 tons of street sweepings were taken to local MRF for diversion. 3,740 tons of tree trimming were sent to a mulching operation in Riverside. The City diverted 8.9 tons from City operations.
 MANHATTAN BEACH: Discounted composting bins and worms are available to City staff. The City's street sweeping contractor, Athens Services, composts 90% of the debris collected in the street sweeping process. The City website includes a greenwaste and backyard composting page. City's hauler led 5 composting classes which drew nearly 100 people, resulting in the sale of 6 worm bins and 6 compost bins. Discount bins are also available to all City staff. In addition, the City's landscape contractor chips all wood from tree trimmings and spreads it as cover along the City's Greenbelt walking path which extends over two miles. The City hosts a Free Mulch Giveaway Program 24/7 at the City's Public Works Yard. Residents bring their own shovel and container/bag and can take an unlimited amount of mulch. The City partners with local landscapers to provide the mulch. The City's street sweeping contractor, Athens Services, composts 90% of the debris collected in the street sweeping process. The City website includes a Greenwaste and Backyard Composting page.
 POMONA: The City's tree contractor mulches and chips and reuses wood waste (tons not available). Greenwaste mulch (659.74 tons) was generated by City Crew maintaining Reservoir Sites. Street Crew called on emergency trees/limbs down are hauled to Grand Central).
 RANCHO PALOS VERDES: The City's contractor mulches tree trimmings for use in medians, trails, and for erosion control. The hauler collects greenwaste from city brush clearing and daily operations (320.56 tons). In 2017, 480.08 tons of street sweepings were sent to a composting facility in Ontario.
 SIERRA MADRE: Again, the Community Garden is a shining example of composting practices, and its dedicated volunteers invite visitors at any time to view their composting practices as well as take some compost and plants with them.
 TORRANCE: Greenwaste from curbside collection, parks, tree trimmings and any other city activity is composted through our contracted transfer station. Trimmings for mulch are donated to public for free collection. Tonnage is under other codes.

3070-CM-OTH (Other Composting)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 69.36	Selected in SRRE: Yes
		Owned or Operated: Yes

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Jurisdiction Notes:
 BRADBURY: The City continues to partner with local nurseries when possible. Most manure collected is delivered to West Valley MRF facility where it is composted.
 HIDDEN HILLS: The local water district reported 39,996 tons dry compost created from 0.3 million gallons in 2017. Other composting activities are reported under program 3000-CM-RCG.
 LOS ANGELES:
 Sanitation
 Sale of Subsidized Home Composting Units: In 2017, the Griffith Park Composting program sold 240 Composting Bins, and 30 worm bins
 MANHATTAN BEACH: The City's free mulch program was moved to the description in 3060 for 2017.

4010-SP-SLG (Sludge (sewage/industrial))

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 272165	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:
 LOS ANGELES:
 Sanitation
 Sludge Program: The City owns and operates two separate wastewater treatment systems. A total of 272,165 wet tons (WT) of biosolids were produced from January 1 to December 31, 2017 at HTP and TIWRP. 193,147 WT (71.0%) were used for agricultural land applications, 25,431 WT (9.3%) were used for composting and 53,587 WT (19.7%) for deep well injection at Terminal Island Renewable Energy (TIRE) project.
 MANHATTAN BEACH: Through the City's commercial and residential food waste program, all materials collected are transported to Waste Management's CORE facility in Orange, CA to be converted to an Engineered BioSlurry. This sludge is then transported to the LACSD Wastewater Treatment Plan in Carson, CA where it is placed in an anaerobic digester and converted to BioGas to power the plant, making it self-sufficient.

4020-SP-TRS (Tires)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1522.33	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: The City recycles public fleet tires and those recovered by the Public Works Department at America's Tires.
 BEVERLY HILLS: Tires from city vehicles are recycled by a contractor. Any abandoned tires collect in the City's waste stream is recycled at Crown Recycling Services MRF in Sun Valley CA.
 BRADBURY: Residents have the option of contacting the City's waste hauler directly to schedule bulky item pickups. Tires collected in the community are taken to recycling facilities.
 DOWNEY: City advertises L.A. County Free Tire Recycling Events and supplies information to residents about where to take tires for recycling. City garage also recycles tires from city cars and equipment.
 DUARTE: Tires are collected twice per year at community cleanup events.
 HERMOSA BEACH: The Public Works Department recycled 40 automobile tires at 20 lb. each per USEPA and 40 truck tires at 75 lb. each per USEPA totaling 1.9 tons diversion. Franchise hauler continues to recover tires during mixed waste processing, unable to quantify diversion tonnage at this time.
 LOS ANGELES:
 Airports (LAX)
 Tire Recycling Tenant(LAX): Per 12/29/2017 Larry Hartnett email to Norene Hastings, 1,023 tires (separate tires) were recycled during 2017. Unsure of date that tire recycling program began.
 General Services
 Tire Salvage: Designed to work in conjunction with GSD's tire retread program, GSD Salvage receives only those tires deemed unfit for retreading. Once at Salvage, the tires are sent out to a private contractor for appropriate handling and recycling. Total value of salvaged tires is \$37,284.50.
 Retread Tire Program: City of LA participates in tire retread program throughout the City fleet to avoid unnecessary disposal and encourage purchase of retreaded tires. GSD purchased \$1,306,726.00 retread tires. Contract 59265.
 Harbor
 Tire Recycling Contract: POLA awards contracts with established environmental service companies to handle their hazardous and special wastes. These programs are highly active and monitored regularly.
 Harbor Tenant Diversion
 Tire Recycling: The 12 tenants were contacted 9 business responded but only 1 business provided data (0.03 tons). Other businesses did not have data readily available.
 Sanitation
 Sanitation Tire Recycling: LASAN manages a tire recycling program from several waste tire recycling projects that provide an environmentally preferable opportunity for the City residents to recycle used/waste tires. SRSSD, SRSCD and SRVCD jointly manage the used tire cleanup, tire amnesty events and residential tire drop-off projects. Tires collected from these projects are transported to a CalRecycle approved tire recycling facility for processing which includes a series of automated grinders and separation devices to reduce them in size and to remove wire and fiber in varying degrees, Material produced becomes rubber feedstock for products such as tire derived aggregate, tire derived fuel, ground and crumb rubber added to asphalt as slurry for street paving and repairs, and other beneficial reuse as approved by the City. In 2017, LASAN collected and recycled a total of 41,562 used/waste tires from various sizes to include passenger tires, light truck tires, truck tires, and off-road tires.
 LYNWOOD: The City promotes tire recycling opportunities. The City collects illegally dumped tires that are recycled and continues to promote area amnesty events.
 MANHATTAN BEACH: The City's Fleet Division recycles its tires after their useful life. In 2017, 125 tires weighing approximately 25 lb. each were recycled for a total of 1.56 tons. The City's hauler reported 3.33 tons of tires were collected by Waste Management at the Carson Transfer Station. This is a total of 4.89 tons.
 POMONA: The City has vendor collects tires from residents twice a month, 524 tires total. The program is promoted on the City's website, social media, and reader board. Flyers are available in City Hall and distributed at City events. Haulers reported 10.35 tons (Athens) 7.89 tons (Burrtec), plus 4.63 tons (Valley Vista). Staff collected illegally dumped tires, 13.34 tons. (2016 the amount reported included number of tires for that year, tons for 2016 were 12.98)
 RANCHO PALOS VERDES: The City utilizes RAC on its arterial road overlay projects when possible.
 ROSEMEAD: All City vehicles are serviced by an outside company.
 SOUTH GATE: On July 22, 2017, the City of South Gate recycled 1,632 tires from City facilities.
 TORRANCE: City using rubberized asphalt for street resurfacing projects. Various tire stores, automotive shops, and some gas stations all take in tires for recycling. City also uses retread tire on all but safety related vehicles. Tonnage is from the the retread tires used by the City (14 tires at 35 lb. each). No other tracking in place.

4030-SP-WHG (White Goods)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 2298.93	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: White goods are included in bulky item collection provided by hauler. White goods are able to be dropped off at bulky item drop-off events hosted by hauler.

BEVERLY HILLS: All appliances are collected through the City's bulky item pickup service. All white goods are sent to Crown Recycling Services MRF to be recycled. There is also an alley maintenance fee included in the solid waste bill for alley cleanups and abandoned items.

BRADBURY: Items that are in working condition are donated to the Foothill Unity Center. Items that have reached its end of life are considered e-waste and disposed of properly.

DOWNEY: Franchise hauler collects residential bulky waste 52 times per year with up to five (5) items per pickup. Bulky items include furniture, mattresses, box springs, carpet. Additional collects batteries weekly. Residential customer places dry cell (AA,AAA,C,D or 9 volt) in clear plastic bag on top of recycling cart. Multifamily customers can call in and have the items picked up for a fee. Commercial Accounts pay for bulky item pickup by franchise hauler.

DUARTE: White goods are collected at community clean up days as well as bulky item collections.

HERMOSA BEACH: Franchise hauler continues to provide white goods collection to residents upon request, white goods collection is classified as "Bulky Item Pickup" by the franchise hauler; residents are allowed two bulky item pickup requests annually. Metal scrap recovered from white goods is combined and included in residential recycling diversion tonnage by the franchise hauler, unable to quantify diversion tonnage at this time.

HIDDEN HILLS: The City's exclusive franchises hauler, WM, picks up white goods placed curbside and takes to their facility to process accordingly. Total recycled is included in program 2000-RC-CRB.

LOS ANGELES:

Sanitation

On Call Pickup Program for White Goods: LASAN collects large metal and household appliances, such as refrigerators and washers and dryers, from all residents. Due to significant drop in the scrap prices for metal and steel, much less scavenging occurred and thus the volume picked up have increased considerably.

Water and Power

RETIRE (Refrigerator Turn In and Recycle): The RETIRE program offers residential customers the opportunity to recycle their old energy guzzling refrigerators and freezers, in an environmentally friendly manner. In return the customer receives a \$50 rebate. Materials being recycled from Refrigerators and Freezers are: Metals, Plastic, Glass, Oil and Refrigerants. Materials are collected by contractor, Appliance Recycling Centers of America (ARCA) who pick up the refrigerators and freezers directly from the customer's homes and brings them to their recycling plant in Compton where they are properly recycled. Program promotion includes flyers, palm cards, Facebook/Twitter, and bill inserts. In addition posters are placed in the contact centers and flyers were sent to City agency public counters, libraries, etc.

LYNWOOD: White goods are recycled from bulky item program. There are a few recycling facilities in nearby jurisdictions that accept white goods for recycling. Total collected from bulky item program is included in program 2080 RC SPE.

MANHATTAN BEACH: Waste Management collects white goods from the curb at no additional cost to residential and multifamily cart customers through the bulky item program. Businesses are charged a nominal fee to have white goods collected at the curb. In 2017, 247 white goods were collected as part of the curbside program (232 residential, 15 commercial). 10.4% of the total bulky item pickups are white goods.

PALOS VERDES ESTATES: Franchise hauler offers two bulky item pickups for free each calendar year to each residential account. picks up white goods placed curbside at residential units and takes to their facility to process accordingly.

POMONA: The City has a few businesses that offer buy back. Materials accepted are stoves, refrigerators, washers and dryers.

RANCHO PALOS VERDES: Free on call collection of white goods is conducted by the City's hauler. The City also promotes the donation of usable goods. Totals are included in program 2070-RC-SNL.

ROSEMEAD: Ongoing. White goods are collected on the bulky items program.

SIERRA MADRE: Residents regularly take advantage of our contract haulers bulky item pickup for white goods. Residents are allowed 4 free pickups per year and may purchase additional pickups if needed.

SOUTH GATE: Waste Management collected and diverted a total of 4.13 tons of white goods from residential customers.

TORRANCE: City promotes Edison, Goodwill/Salvation Army, and Habitat for Humanity options, as well as online options like CalMAX and Freecycle. The City also has once per year large item collection for residents, with additional pickups for a fee. No tracking in place.

4040-SP-SCM (Scrap Metal)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 2441.92	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: Scrap metal is recovered by the franchise hauler, CR&R. Tonnage is included in C&D section of tonnage report.
 BEVERLY HILLS: All scrap metal collected is by Athens Environmental Services. and the majority is processed by SA Recycling. Recycling data is reflected in the roll off recycling data.
 BRADBURY: Scrap metal continues to be reported as part of the construction and demolition debris. See comments under Program 4060.
 DOWNEY: Weekly bulky item pickup for residents (they must call for special pickup) at no charge, third party recyclers, and transfer station serve residents and businesses: buyback center also serves the residential and commercial sectors.
 DUARTE: Collected as part of the C&D Program.
 HERMOSA BEACH: Scrap metal continues to be recovered by the franchise hauler during mixed waste processing of both residential and commercial waste streams. Franchise hauler continues to combine residential and commercial metal scrap diversion tonnage with all other recycled materials in Annual Tonnage Report. The Public Works Department recycled 2.43 tons of mixed metals. Commercial accounts continue to contract with third party vendors for scrap metal recycling services.
 LOS ANGELES:
 Harbor
 Ferrous Metals Recovery Program: Harbor Ferrous Metals Recovery Program is ongoing. For 2017, the amount of metal recycled is 65.28 tons. Additional 145.48 tons reported from Construction and Demolition Waste Management reports (C&D Recycling Reports).
 Harbor Tenant Diversion
 Scrap Metal: The 12 tenants were contacted; 9 businesses responded. No significant changes or updates and amounts are similar to 2016.
 Recreation and Parks
 Metal RAP: Program continues unchanged. Recreation and Parks strives to recycle scrap metal when practical.
 Water and Power
 Transformers: Out of service and/or obsolete electrical equipment (transformers, capacitors, switches, etc.) which will no longer be utilized by the department are transported to various approved vendors for oil recycling and metal smelting.
 LYNWOOD: Metals are recycled from bulky item program. There are a few recycling facilities in nearby jurisdictions that accept metals for recycling. Total collected from bulky item program is included in program 2080-RC-SPE.
 MANHATTAN BEACH: Waste Management collects scrap metal from residential, commercial, school, and government locations as part of its commingled recycling or bulky item pickup program.
 POMONA: The City has local businesses that accept scrap metals. Scrap metals is also part of the bulky item pickup (66.02 tons) and then taken to a local business for recycling. Hauler reported VV 30.52.
 RANCHO PALOS VERDES: The City's Business Recycling Directory, which is on the City's website and at the Public Works counter, provides locations for recycling. Commercial haulers reported collecting 47.01 tons of metal in 2017.
 ROSEMEAD: The 2017 audit found 17 businesses with 3rd Party metal recycling programs. The businesses include bike shops, automotive repair, welding and tool & die shops.
 SIERRA MADRE: Scrap metal is collected via C&D recycling and material recovery facility activities.
 SOUTH GATE: The City has an ongoing scrap metal diversion program through Waste Management. In 2017, Waste Management diverted 19.57 tons of scrap metal through roll off service. Some businesses also self-haul scrap metal or have a 3rd party collect the material so that it is properly diverted.
 TORRANCE: There are options available through private companies and some diversion is done at transfer stations. City does appliance collection for residents. City yard tonnage is listed under Program 2060.

4050-SP-WDW (Wood Waste)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 440.31	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: The City contracts West Coast Arborist which mulched and reused wood waste.
 BEVERLY HILLS: All wood waste is processed at Crown Recycling Services in Sun Valley, CA including C&D waste. WCA, the City's tree contractor, mulched and reused wood waste. Wood waste collected from C&D is reflected in the overall roll-off recycling tonnage data from the monthly report.
 DOWNEY: Franchise hauler collects residential tree limbs, small wood scraps, and wood chips in greenwaste cart. Larger limbs need to be cut in 4ft by 3' bundled. Commercial pallets are collected by third party recyclers.
 HIDDEN HILLS: There are four companies that collect C&D waste (wood waste is included) from construction projects and take to various facilities for recycling. The City Community Association's landscape maintenance contractor reuses wood chips and mulch for their landscaping.
 LOS ANGELES:
 Airports (LAX)
 Pallet Recovery or Recycling: LAWA receives \$500/month from the vendor who receives pallets from LAX.
 Harbor
 LAHD Wood: Pallet reuse program is ongoing. 12 tons of usable pallets were recycled or reused in 2017. Additional 11.33 tons reported from Construction and Demolition Waste Management reports (C&D Recycling Reports).
 Harbor Tenant Diversion
 Wood Waste: The 12 tenants were contacted; 9 businesses responded. No significant changes or updates and amounts are similar to 2016.
 Water and Power
 Pallet Recycling: The LADWP reuses pallets, defective pallets are destroyed. Vendor pallets are resold; the sales are advertised in the Daily Journal and vendor contact. The pallets are sorted and stacked and taken to Investment Recovery by LADWP trucks.
 LYNWOOD: Large pieces of wood are accepted in the residential bulky item program and totals collected are included in the total for 2080-RC-SPE. Collection from City operations included in 3060-CM-GOV. A local C&D recycling facility reported receiving 4.24 tons of wood from Lynwood sources in 2017.
 MANHATTAN BEACH: The City's landscape contractor chips all of the wood from tree trimmings and spreads it as cover along the City's Greenbelt walking path, which extends over two miles. The City also provides free mulch to its residents 24/7 at the Public Works Yard. Residents must provide their own shovel and bag or bucket to remove the material from the pile. Mulch is provided by both the City's contracted landscaper and other local landscapers.
 PALOS VERDES ESTATES: There are a variety of haulers in the City that collect C&D waste, in which wood waste is included, from residential construction projects and take to various facilities for recycling. Tonnages are tracked by contractor as part of City's C&D Ordinance
 POMONA: The City's tree contractor mulches and chips and reuses wood waste. Hauler reported 37.82 tons for Athens, 49.86 for VV.
 RANCHO PALOS VERDES: The City's Business Recycling Directory, which is on the City's website and at the Public Works counter, provides locations for recycling. Information is also included with the C&D recycling packet. A local C&D recycling facility reported recycling 23.03 tons from within city limits.
 SIERRA MADRE: Wood is recycled through the C&D program; however the tonnage is not identified separately for wood.
 SOUTH GATE: The City has a C&D diversion program. All C&D loads collected by Waste Management are taken to the Waste Management C&D recycling facility. Any diverted wood waste would be found in the C&D stream; however, C&D diversion is captured comprehensively not broken down by material type. In 2017, Waste Management diverted a total of 83.02 tons of C&D.
 TORRANCE: Wood waste is separated at transfer stations from C&D debris and recycled. Some wood waste in mulch giveaway program, and some recycled under City contracted tree trimming services. Wood is also recycled under the City's construction and demolition recycling program. Either there is no tracking in place or tonnage is under other code numbers.

4060-SP-CAR (Concrete/Asphalt/Rubble)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1096188.9	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:

Asphalt Paving | Brick | Concrete/cement | Gypsum Board/drywall | Rock, soils and fines | Mixed C + D

Jurisdiction Notes:

ARTESIA: Total C&D diverted: 227.49 tons.
 BEVERLY HILLS: All C&D, concrete/asphalt and inerts are processed and recycled at Crown Recycling Services in Sun Valley, CA. The C&D tonnage data is reflected in the total roll off recycling tonnage data. The city will improve its ordinance to reflect the CALGreen requirement of 65% diversion.
 BRADBURY: The City works with its hauler to ensure that all residential development projects have an approved and verified diversion plan prior to the issuance of a Certificate of Occupancy. The City required this as per State Law and compliance.
 DOWNEY: C&D ordinance/application process requires residential and commercial sector to recycle

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concrete/asphalt/rubble to recycle 100% inerts.

DUARTE: The City's franchised waste hauler, Burrtec Waste, collected materials. C&D materials from construction sites and community wide cleanups. Construction materials are taken to Downtown Diversion, Peck Road Gravel Pit, and Nu Way. Burrtec has a C&D informational brochure on the City page of the Burrtec website.

HERMOSA BEACH: The City's Building Department continues to require a Construction and Demolition Reduction Plan that meets CALGreen Code Chapter 15.48 requirements to be submitted during the building permit process. The permitting is not finalized until the contractor has provided a C&D Recycling Report to the City's Building Division. The City reports diversion of 1834 tons from this program resulting in a 75% recycling rate. The Public Works Department recycled 68 tons of C&D. The franchise hauler reports 725 tons of C&D diversion from the industrial sector (roll off service). The County of Los Angeles Public Works Department SWIMS reported 2784.74 tons of C&D was used as Beneficial Use, reported in 7040 FR ADC.

HIDDEN HILLS: There are four companies that collect C&D waste from construction projects and take to various facilities for recycling. In 2017, 1,056.99 tons of C&D debris and 407.42 tons inerts were recycled.

LOS ANGELES:

Airports (LAX)

C&D Debris and PMB: LAWA / LAX processes miscellaneous base or paving base material for the construction and repair of vehicle service roads, taxiways, taxi lanes, alley ways etc., used throughout the airport.

Harbor

Inerts Harbor Department Program: Inerts Harbor Department Program is ongoing. The amount of grounded concrete stockpiled and reused on port property is estimated to be about the same as 2016, 37.50 tons. Additional 11,783.2 tons reported from Construction and Demolition Waste Management reports (C&D Recycling Reports).

Recreation and Parks

Asphalt Programs RAP: Recreation and Parks recycles material when possible. The Department makes every effort to take Asphalt removed from Park projects to appropriate site for recycling in lieu of landfills.

Sanitation

Construction and Demolition Debris Recycling Program: All haulers and contractors responsible for handling C&D waste must obtain a Private Waste Hauler Permit from LASAN prior to collecting, hauling, and transporting C&D waste, and C&D waste can only be taken to City certified C&D processing facilities. All certified processors have a 70% or higher recycling rate, and 268,488.88 tons of C&D were collected.

Street Services

Asphalt Programs BOSS: The Bureau of Street Services (BSS) uses slurry sealing, this is a preservative application that inhibits oxidation of the oils from the pavement, deters cracking, prevents water seepage and extends the street good riding surface. The principle materials used to create slurry seal are fine aggregate (sand), emulsified asphalt, water, and rubber. BSS has been purchasing slurry from vendor that utilizes recycled rubber tires for their production of slurry. This is part of the BSS' pavement preservation program promoted by bureau.

Asphalt Recycling: Asphalt recycling is part of BSS' annual resurfacing program. All streets are cold milled prior to paving where the Reclaimed Asphalt Pavement (RAP) are sent to both municipal asphalt plants and other contracted vendor plants to be recycled into City's asphalt mix design and placed back onto City streets. The Municipal asphalt plant utilizes 20% RAP while the vendor plant utilizes 50%. All RAP material is stored for future use.

Cycleclean Fines Recovery: The Bureau of Street Services (BSS) recycles concrete debris generated from sidewalk, curb, and gutter demolition. The concrete debris is hauled by the contracted vendor RAMCO and later crushed with trash and rebar sorted out. The crushed concrete can be used as aggregate base material for the street or aggregate for both concrete and asphalt mixes. Although BSS did not require the contractor to purchase recycled concrete, all BSS street improvement projects utilize recycle base material.

LYNWOOD: A local C&D recycling facility reported recycling 491.62 tons inerts and 313.83 tons mixed debris from Lynwood sources in 2017.

MANHATTAN BEACH: Scrap concrete and asphalt left over from City projects is collected by Waste Management in bins at the Public Works Yard (492.63 tons). Construction & Demolition waste left over from City projects is collected by Waste Management in bins at the Public Works Yard (185.36 tons). The City's Construction & Demolition recycling ordinance requires all demolition projects and all construction projects with a total valuation of \$100,000 or more to recycle a minimum of 65% of the construction site material. Deconstruction is encouraged and all reuse tonnages can be included as part of the contractors diversion goal. Steep fines are established in the Municipal Code for non-compliance, and no Certificate of Occupancy is granted to a property without compliance.

PALOS VERDES ESTATES: There are a variety of haulers in the City that collect C&D waste, in which aggregate compounds are included, from construction projects and take to various facilities for recycling.

POMONA: City Haulers reported 6.23 tons Athens, 564.41 tons Burrtec, 287.48 tons VV, and 925.73 tons WM.

RANCHO PALOS VERDES: In 2017, 1,482.27 tons of asphalt, concrete, and 1,924.73 tons mixed C&D waste was diverted at C&D recycling facilities from private and public projects. The City's permitted haulers reported recycling 1,016.82 tons, but this total was excluded from this report to eliminate double counting. Additionally, one resurfacing project ground and reused road base on two sites within the City, 180 loads (17T ea = 3,060 tons).

REDONDO BEACH: The City has an ordinance that requires that the demolition permit for a structure must recycle 50% of the waste made be recycled. To ensure compliance there is a \$3,000 refundable deposit with \$88 non-refundable City fee.

ROSEMEAD: A total of 620 tons of mixed C&D was collected and processed. In 2017, the City updated the 65% CALGreen guidelines that were effective December 2016.

SIERRA MADRE: Concrete is recycled via the C&D program.

SOUTH GATE: 255.70 tons of clean dirt was taken to the Waste Management Azusa Land Reclamation facility where it

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was put to beneficial use for the construction of tire cells, daily cover, reserve stockpiles and drainage improvements/regrading. Additionally, 83.02 tons of C&D material was taken to Waste Management's Construction and Demolition Recycling Facility. This tonnage is reported under section 4050. The City has an ordinance that requires diversion of C&D material. The City has found that a significant amount of material is self-hauled. The City also tracks tonnage from all covered projects that generated C&D material that is hauled by a 3rd party.
 TORRANCE: Tonnage from City crews to transfer stations is 1,380 tons of asphalt, 237 tons of dirt, and 15 tons of concrete (not including data from licensed haulers or from the City's C&D recycling program which are reported under other codes).

4090-SP-RND (Rendering)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 6144.91	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: The City participates in the County's rendering program.
 BEVERLY HILLS: Critter Trappers is the vendor that handles dead animal pickup on public right of way. The City enforces a Fat, Oils & Grease program through LA County which is further enforced by city inspectors.
 BRADBURY: The City contracts with Pasadena Humane Society (PHS) for animal control services. PHS contracts with D & D Disposal for the removal of dead or sick animals.
 DUARTE: The City of Duarte continues to participate in the County of Los Angeles rendering program. Currently, grease is not diverted from local restaurants.
 HERMOSA BEACH: City businesses including restaurants and grocery stores continue to render meat scrap, bone and grease, unable to quantify diversion tonnage at this time.
 HIDDEN HILLS: The City and Hidden Hills Horseman provide resources to residents regarding the proper disposal method for their deceased horses.
 LOS ANGELES:
 Airports (LAX)
 Grease Rendering: Concessionaires render their grease through a third party vendor who picks up the grease and hauls it to a rendering plant. LAWA does not control, or have any concessionaire information on, the grease that is rendered. As far as the use of deceased (trapped) animals at LAX, small rodents that are caught by the USDA biologist who manages Wildlife Hazards Management Plan for the Bird Strike Program at LAX and VNY, small, dead rodents are repurposed in the Goshawk traps as bait to catch raptors who will then be relocated to a safer area far from LAX and VNY and its associated air traffic hazards. Larger animals are repurposed at the bird rehab center used by the USDA biologist as a food source or, as is the case with the occasional coyote, it is sent to a lab at UCLA for study.
 Sanitation
 Dead Animal Collection: LASAN collects dead animal carcasses from streets, sidewalks, waterways, alleyways, parks, animal shelters, and single and multifamily homes throughout Los Angeles. LASAN delivers all collected carcasses to a private vendor where they are 100% recycled into fuel, fertilizer, and feed supplement for aquaculture. The City's contract with the vendor began in 2011 and recently expired on November of 2016 but was renewed for an additional three years ending in 2019.
 Fats, Oil, and Grease Program (FOG): Grease Interceptors and Grease Traps continue to divert grease waste from solid waste streams.
 LYNWOOD: Businesses continue to contract with rendering companies to collect fats, oil, grease, and meat/bones from their operations.
 MANHATTAN BEACH: FOG program in effect and tracks fats, oils and grease management for all food service establishments.
 POMONA: The Humane Society has a dead animal program. The City has a Fats, Oils, and Grease Program for restaurants. The restaurants keep the records of their disposal and are presented upon inspection.
 RANCHO PALOS VERDES: LA County Department of Animal Care & Control handles the dead animal program. The City inspects restaurants and educates them about FOG as part of the Clean Bay Restaurant Program.
 ROSEMEAD: The 2017 audits identified 58 businesses with bone & marrow and grease recycling programs.
 SOUTH GATE: 3rd Party auditing and verification from Baker Commodities Inc. and LA Grease Solutions, Inc. found that the local restaurants recycled grease and marrow in 2017.
 TORRANCE: Animal hospitals and restaurants participate in rendering. City is also part of the County's rendering program. Tonnage estimate from 2004 generation study data

4100-SP-OTH (Other Special Waste)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 63123.16	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

BEVERLY HILLS: Sharps containers were made available to residents. E-waste collection events are held at Farmers Market once a month. Residents seek medical disposal are referred to the West Hollywood Sheriff station drop box. The city also participates in the annual LA County round up.

DUARTE: SHARPS collection program began in 2010. Residents can request to have containers delivered to them by Burrtec, or containers can be picked up at Burrtec hauling yard. When full, residents can drop off these containers at the Burrtec hauling yard.

HERMOSA BEACH: The Public Works Department recycled 180 gallons of used oil and 30 oil filters. Classified as Special Waste, this diversion tonnage is not included in total annual diversion tonnage.

LOS ANGELES:
 General Services
 Used Lamp Recycling: This program recovers used fluorescent lamps from City facilities for proper recycling and disposal and to keep hazardous waste from landfills. 35,698 lamps and 4,836 ballasts were collected for recycling. Vendors Veolia and Rayvern.
 Sanitation
 Multifamily Bulky Item Pick Up: LASAN will pick up large/bulky household items such as couches, televisions, refrigerators, doors, carpet, toilets, mattresses, electrical waste, and other furniture and items from residents residing in multifamily residential buildings (of five or more units) such as apartments.
 Residential Bulky Item Pick Up: Residents are encouraged to report illegal dumping or bulky items and request city services via the MY311 app available from the Apple store for any Android device. Abandoned waste collection and removal is now part of the expanded service provided by LASAN. Recycling is highly recommended.

MANHATTAN BEACH: The City continued its bulky item pickup program for residential and commercial sectors. The City continued its bulky item pickup program for residential and commercial sectors. Total bulky items collected: 2,377 items over 2,130 pickups. Almost 90% of the pickups were bulky items, the rest were white goods and reported in 4030.

PALOS VERDES ESTATES: The City newsletter provides locations for residents to drop off unwanted or unused pharmaceuticals. Locations include City Police Department, Fire Department.

RANCHO PALOS VERDES: The City continues to encourage residents to recycle home generated sharps at the local SAFE Center (in neighboring LA) and the annual HHW/E-Waste Roundup. Other disposal options are presented on the City's website.

TORRANCE: Tonnage is from the City's (per ordinance) C&D recycling program (not including data from licensed haulers). Includes 7732 tons asphalt/concrete, 1052 tons inerts, 350 tons metals and 5116 tons of mixed materials.

5000-ED-ELC (Electronic (radio ,TV, web, hotlines))

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: City website, CR&R Website, digital marquee to advertise recycling events, "Recycling Today" quarterly newsletter is distributed to e billing customers via email.

BEVERLY HILLS: Recycling events and information is made available online through the City's website and social media accounts. The City website also has a link to LARA, CalRecycle, and the Athens' website.

BRADBURY: The City utilizes the website to advertise the majority of its programs and policies. A section titled "Green and Beautiful Bradbury" includes information about waste stream details, recycling information and resources, and HHW events. The City also advertises various tips and programs through mass email blasts that residents sign up for.

DOWNEY: City Public Works links to Calmet Website.

DUARTE: The City of Duarte franchise hauler, Burrtec Waste, includes information about recycling, recycling services offered by Burrtec, and a separate page for the City of Duarte which outlines the programs offered to residents and businesses. The City also has a website with a section devoted to recycling including AB 341 information and schedules regular tweets on Twitter as well to encourage recycling. The city website also has a link to the LARA website.

HERMOSA BEACH: The City and franchise hauler continue to update and post AB 341, AB 1826, solid waste and recycling information on their websites. The City also posts an interactive Environmental Program webpage. The City continues to update its Green Webpage promoting environmental events and collections and has posted this information on its Go Green/Sustainability Facebook page: <https://www.facebook.com/HermosaBeachGTF>. Regional radio stations and newspapers continue to promote County special waste roundups and HHWE collection events. The Community Development Department's webpage provides AB 341 MCR and AB 1826 MOR information with a link to the franchise hauler's website. The City also has a Twitter feed that features "Sustainable" information. The City posted "Hermosa Beach, A Leader in Sustainability" and "Keep Hermosa Beach an Environmental Sustainability Leader Water Conservation" on its website. The City and franchise hauler posted the quarterly residential and commercial Earth Wise Newsletters on their websites. The City posted information on its e-waste recycling event, Compost Giveaway events and shredding event on its website and on Facebook. The franchise hauler posts recycling information, HHWE and Compost Giveaway events on Twitter. The West Basin Metropolitan Water District sponsored and promoted drought tolerant landscaping workshops, the events were posted on the City's website.

HIDDEN HILLS: The City provides educational outreach via the City's cable channel. The City's website includes a link to

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WM GI Rubbish's website and an electronic copy of the newsletter. Some residents are registered through the City's notification system.

LOS ANGELES:
Sanitation
RecycLetter: Issued RecycLetter quarterly; focus on Zero Waste, food rescue, food waste; quizzes encourage employment engagement. Supplemented by email blasts with short recycling and EPP messages.
Environmental Calendar: This four color printed calendar was discontinued in 2012 due to cost; CFRP has a CFRP calendar of donation drives, events, and training that will be posted online (in 2018).

LYNWOOD: The City continues to provide information via its website, Facebook, and Twitter. The City's exclusive franchise hauler provides recycling information on their website and social media outlets (Facebook, Twitter). Links to LARA and the City's hauler are listed on the City's website.

MANHATTAN BEACH: Waste Management, per their franchise agreement, created an online source exclusively for MB residents to refer to programs (manhattanbeach.wm.com). The City's hauler also ran a Facebook ad promoting the Composting classes; another Facebook ad promoted the City's Food Waste Program. The City's newsletters were available on the WM website for Manhattan Beach. AB 341 & AB 1826 outreach is performed in recycling and food waste recycling pages and on the City's website (www.citymb.info). The City's website also includes the following pages: donate used goods, document destruction, pharmaceutical recycling, battery recycling, SHARPS recycling, bulky item pickup, plastic bag, and polystyrene ban, and reusable bag program, news updates on Day Without a Plastic Bag, etc. Also, City online newsletter for spring, summer, fall, winter, includes information on the City's sustainability program, Drug Drop-Off Box, Earth Day, composting classes, Document Destruction, Public Works environmental quiz game, battery recycling, and carbon footprint reduction. City staff also sent e notifications, posted on the City's Facebook, Twitter and Nextdoor pages regarding recycling events such as shredding, composting classes, and a community survey about the City's current solid waste programs/hauler. Almost 300 residents took the survey.

PALOS VERDES ESTATES: The City continues to provide solid waste management information through the City Facebook page, City website, and the City newsletter.

POMONA: The City continues to use the City website, social media, TV, reader board, to promote recycling, AB 341 compliance, AB 1826, zero waste; printed material includes the 800 CLEANUP.

RANCHO PALOS VERDES: The City provided MCR and MORE outreach materials (flyers, articles, and links to resources) on the City's website for businesses, multifamily complex managers, and residents. E-waste collection, paper shredding, and HHW collection events are promoted on the City's website, announced on the City's television station, emailed through listserv announcements, and at City Council meetings.

REDONDO BEACH: The City has a dedicated Recycling and Solid waste webpage which was redesigned to help educate consumers about the programs offered through the City's recycling programs. There is also a link to LARA and AB 341 as well as the South Bay Business Environment Coalition Awards event. The City provides education about recycling information through quarterly City electronic newsletters. For the City's Special Events we have incorporated online targeted ads in Local electronic newspapers as mentioned in program 2070. Businesses are also encouraged to participate in the SBEC SEED Awards.

ROSEMead: The City updated their website to include all recycling programs. Rosemead added Facebook, Instagram, Twitter and YouTube to promote and update the residents and businesses. Residents can use their Republic Services My Resources App to make service requests.

SIERRA MADRE: The City advertise all of its programs on the City's new website, email "blasts" to subscribed members of the community, press releases to area media, social media, community radio and local access government television channel. Listed at the bottom of every single advertisement is the City Public Works phone number or the number of Los Angeles County Public Works depending on the program.

SOUTH GATE: The City promotes diversion via the web and internet. Waste Management has its own website that provides visitors with ample information on proper recycling, <http://recycleoftenrecycleright.com>. In 2017, the City of South Gate updated its website to include information about AB 341 & AB 1826 and linked visitors to the CalRecycle and LARA website. Waste Management also launched its South Gate specific website where residents can find more information about Waste Management services in the community, schedule a bulky item pickup, access recycling information, Waste Management observed holidays and more. In addition, Waste Management shared recycling best practices through the City's Quarterly newsletter, the South Gate VISTA. The newsletter is published electronically through the City of South Gate website. Waste Management has a Twitter, Facebook and YouTube account for the Southern California area. Recycling tip videos and information were shared on these platforms to enhance the reach in the community. In 2018, Waste Management is looking into geo targeted Facebook ads to share recycling information to South Gate residents. The City is aware of and promotes the 1-800-CLEANUP hotline.

TORRANCE: On the city home page (www.torranceca.gov/publicworks), all City recycling and waste reduction programs have their own section, with updates on special events and workshop dates. Links to CalRecycle and County programs are included. The City has its own Cable Access Programming for coverage of all our recycling and workshop events and education programs. The City has a second website funded by the used oil grant at www.recycletorrance.org, which focuses on used oil, HHW, and storm drain pollution information. It also has a search engine, blog, and video section. We also use the grant for our own PSA's that are on the website, but also run on our cable station, YouTube and regular television stations. Events are posted on the City's Facebook, Twitter and related accounts, through email blasts to the School District and the SBEC and through the City's and the Chamber's weekly email newsletters. This was the third year of the city's digital earth day newsletter. The City now has 3 permanent digital marques that we use for promoting events.

5010-ED-PRN (Print (brochures, flyers, guides, news articles))

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Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes
<p>Jurisdiction Notes:</p> <p>ARTESIA: Hauler sends out informational brochure every year to all customers. Hauler sends out quarterly newsletter "Recycling Today" to all residents with information about Hauler recycling programs. Proposals are given to customers to outline their services and give info on recycling costs. Recycling flyers are available at City Hall. Customers were sent a letter informing them of the law and their options for recycling.</p> <p>BEVERLY HILLS: The City distributes brochures and flyers on solid waste and two stream recycling during public outreach events. Post cards are mailed and information is also placed on utility bill. There is also a newsletter that goes out to residents with City's service information.</p> <p>BRADBURY: The City sends out monthly newsletters with educational material, updates and dates on HHW/E-Waste Collection Events. The City counter also provides flyers to the public to advertise environmental programs and events. In addition, the City's hauler insert quarterly newsletters with bills to advertise special collection events and services offered.</p> <p>DOWNEY: News articles, bill inserts, brochure by program, fliers, new resident package, bilingual material.</p> <p>DUARTE: The City's franchise hauler mailed 4 newsletters to residents in 2017. Commercial accounts received 2 newsletters which highlighted AB 341 and the current AB 1826 legislation. Printed materials were also made available by Burrtec at the Movie Night event, the Taste of Duarte event, and the City's Annual Picnic. City also heavily uses social media messaging and regularly keeps recycling information on its City Hall electronic sign.</p> <p>HERMOSA BEACH: The Community Development and Building Departments continue to place County of Los Angeles S.A.F.E. brochures and AB 341 and AB 1826 flyers on the public counter. The City's solid waste consultant continues to distribute AB 939, AB 341, AB 1826, Reduce, Reuse, Recycle and waste prevention educational outreach materials as well as the City AB 1826 letter during business technical assistance site visits. The franchise hauler mails AB 341 and AB 1826 brochures to all commercial accounts annually and the Earth Wise Newsletter quarterly to all residential and commercial accounts. The franchise hauler has a local office that provides printed information on recycling and waste hauling services to residential customers. The City also has Storm Water Pollution brochures, Hermosa Beach Environmental Programs flyers, HERO Energy Efficiency Program brochures, West Basin Free Water Education brochures, Tips for Waterwise Living brochures and The Metropolitan Water District of Southern California's bewaterwise.com brochures are also available at public counters in City Hall. An article was placed in the Beach Reporter and the local newspaper promoting The West Basin Metropolitan Water District drought tolerant landscaping workshop events.</p> <p>HIDDEN HILLS: The City provides educational outreach via newsletters. The City also provides outreach materials at the annual Fiesta event. The newsletter is mailed to each resident as a separate mailing.</p> <p>LOS ANGELES: Airports (LAX) Publication of Program Status and Results: LAWA has participated in several agency (i.e., SCAQMD, LASAN, etc.), LAWA (employee forum and meetings), and Community events where the 3'x4' display boards and informational brochures, along with table copies of the 2016 sustainability report and FlyAway brochures, have been displayed for the public to see, read, and ask questions of staff who are manning an informational table at these events. Harbor HD Employee and Tenant Education Program: Harbor HD Employee and Tenant Education Program: In 2017, there were no outreach event. Water and Power Community Based Public Relations: LADWP recycling is promoted in the community in billing notices, community events and Earth Day programs.</p> <p>LYNWOOD: In 2017, recycling guides were delivered to all residential accounts two times. Additionally, all commercial accounts received printed information regarding AB 341 and AB 1826 compliance. The City's Lynwood N' Perspective included an article about MCR and MORE. Printed material is available at all public counters for the residential and commercial sectors.</p> <p>MANHATTAN BEACH: The City's hauler is required to conduct outreach material annually. Personalized recycling plans were based on each account's unique space and service requirements. Waste Management additionally created tailored educational material for the Downtown Business Association. Hard copies of the Spring and Winter newsletters were available at core government facilities (City Hall, Public Works, Police/Fire Facility, Joslyn Community Center). Shoe donation drive flyers were posted at schools. Beach Reporter Newspaper Ads were placed promoting 3 composting classes, and one promoting the Shredding Event. The hauler also printed and distributed thousands of At Your Door HHW collection large bookmarks and Commercial Solid Waste Services At A Glance Menu (bill insert size) at City Facilities and public events (Earth Day event and Hometown Fair).</p> <p>PALOS VERDES ESTATES: The City's franchise hauler provides information via billing inserts and newsletters. City also makes copies of printed materials available at the City Hall counter and Council Chambers entry table</p> <p>POMONA: The franchise haulers promote through flyers, newsletters, and information on their website. The City continues to provide information, notices at City Hall, City facilities, signs on refuse trucks, flyers, brochures, and newsletters.</p> <p>RANCHO PALOS VERDES: Articles published in the PV Peninsula newspaper, PV Seniors newsletter, and the City's Quarterly newsletter (sent to all City SF residents, multifamily residents, and businesses). Haulers sent letters or flyers to commercial customers. The City sent MCR and MORE fliers to all businesses and persons during the business license</p>		

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renewal process. Information is also posted at all city facilities. Bulky and Christmas Tree collection information placed in the City newsletter.

REDONDO BEACH: The City and Athens print a revised commercial and residential brochure every year. The brochures are distributed to the residents and businesses annually in July. Flyers and ads are also produced for the special events like Christmas tree recycling, compost giveaway and the HHW collection events.

ROSEMEAD: The hauler continues to create the quarterly "Recycle Today" newsletter in several languages. In 2017, the hauler created and updated AB 341 business and industrial trifold, and an All in One Recycling Program Guide.

SIERRA MADRE: Staff displays and distributes HHW, source reduction, composting, and recycling information through printed flyers at city facilities, E-blasts to subscribers, and social media.

SOUTH GATE: The City has a comprehensive public education program and promotes recycling programs through flyers, mailings, door hangers, brochures, bill inserts, guidelines, news articles, and press releases.

TORRANCE: The City utilizes and creates a variety of brochures and other printed materials on many aspects of recycling and waste reduction. These materials are distributed in a number of ways including utility bill inserts, business license renewal inserts, City newsletter articles and inserts, direct mail, door hangers, designated posting areas, at numerous special events, workshops, speaking engagements, school presentations, and on request. The City also has numerous ads and articles in our local papers concerning our programs.

5020-ED-OUT (Outreach (tech assistance, presentations, awards, fairs, field trips))

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: .19	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: Hauler promotes and sponsors recycling programs for City Events such as Earth Day, National Night Out, and the Public Safety Expo. Waste audits are performed weekly (over 300 site visits were performed last year.)

BEVERLY HILLS: The City held Earth Day events, Public Works Week, National Safety Week, and National Education Week. During these events, Public Works presents a different showcase on recycling/environmental topics for direct interaction with residents and businesses.

BRADBURY: The City includes educational information relating to recycling in the City's monthly newsletter some topics include composting, planned obsolescence and environmental stewardship. In addition, the City will be hosting a community event in Summer 2018 in which agents from LA County, Cal American Water, and Upper San Gabriel Valley Municipal Water District will be attending to provide residents with educational information.

DOWNEY: CalMet the City's franchise hauler conducts waste audits. City staff and hauler staff host booths at city fairs, and other city functions. City staff helps at Public Works counter regarding all solid waste concerns.

DUARTE: The City conducts public outreach at approximately seven events, including an Earth Day event, per year in addition to providing the schools with recycling informational materials courtesy of LARA.

HERMOSA BEACH: The City made an AB 1826 presentation to the Hermosa Beach City School District Board. The City's solid waste consultant continues to distribute AB 939, AB 341, AB 1826, Reduce, Reuse, Recycle and waste prevention educational outreach materials as well as the City AB 1826 letter during business technical assistance site visits. The franchise hauler mails AB 341 and AB 1826 brochures to all commercial accounts annually and the Earth Wise Newsletter quarterly to all residential and commercial accounts. The City and franchise hauler continue to provide AB 341, AB 1826 and HHWE information at civic events including Fiesta Hermosa and Earth Day. The franchise hauler continues to attend monthly Chamber of Commerce meetings making AB 341 and AB 1826 presentations to Chamber members. The franchise hauler continues to insert informational flyers including AB 341 and AB 1826 brochures and recycling options in billings to all commercial accounts annually. The franchise hauler has a local office that provides printed information on recycling and waste hauling services to residential customers. The Community Development and Building Departments place County of Los Angeles Too Toxic To Trash HHWE Roundup brochures, AB 341 and AB 1826 flyers on the public counter. The City also has Storm Water Pollution brochures, Hermosa Beach Environmental Programs flyers, HERO Energy Efficiency Program brochures and West Basin Free Water Education brochures. The Metropolitan Water District of Southern California's bewaterwise.com and Tips for Waterwise Living brochures are available at public counters in City Hall. An article was placed in the Beach Reporter and the local newspaper promoting The West Basin Metropolitan Water District drought tolerant landscaping workshop events. The franchise hauler continues to offer City customers and organizations tours of its recycling and other solid waste facilities upon request.

HIDDEN HILLS: The City and residential hauler are available to provide outreach to the school and the community in general, including a booth at the annual Fiesta event.

LOS ANGELES:

Airports (LAX)

Continued Program Enhancement: Numerous press releases, Facebook entries (Community Relations Division), emails, etc., informing public of programs and successes. Applied for awards and certifications where applicable. Amongst the awards and certifications, during 2017 LAWA received: Airport Carbon Accreditation level 3 for LAX; Airport Carbon Accreditation level 2 for VNY; South Bay Business Environmental Coalition's SEED award, Bridge Builder Category, for the LAX Harvest Food Donation program; LADWP's award for Demand Curtailment, summer shift program; and LADWP's award for Electrification of Transportation.

Tenant Recognition/Tenant Training Certification Course: LAWA continues to work with tenants who are interested in being first time City of LA Green Business Certified and working to renew certifications; LAWA HMSHost Hudson Group, in

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collaboration, won the 2017 South Bay Business Environmental Coalition's SEED Award, Bridge Builder category for the LAX Harvest Food Donation Program. Press release for the start of the pilot organic waste recycling program (a partnership between LAWA, LASAN, and applicable tenant businesses) in terminal 7.

Source Reduction Options Promotion: In cooperation with City of LA Green Business Program, promote the City of LA Green Business Certification Program, which one component would be source reduction, to LAWA tenants/partners. Tenants/partners can be first time certified. Certifications are free and last three years.

General Services

Vendor Outreach Program: GSD attended several vendor seminars and made presentations outlining the procedures on how to sell to the City. Included in the presentations were descriptions of the City's EPP Program.

Harbor

Waste Reduction and Recycling Surveys: Waste Reduction and Recycling Surveys: In 2017, no surveys were conducted.

Review Lease Agreements: Lease agreements promote recycling and include other environmental requirements like emissions reductions.

Formulate Recycling Committee: The Harbor's EMS is centered on its largest division, Construction and Maintenance.

Harbor Tenant Diversion

Tenant Recognition: Tenant Recognition program is ongoing through the Clean Marina California Program. The Clean Marine Program was developed to ensure clean facilities exist in our boating communities and protect our waterways from pollution. It is the objective of the Clean Marine Program that all California marinas, boatyards and yacht clubs become a Certified Clean facility. POLA has 15 marinas of which 12 were certified since the program started. 8 have gotten recertified and 6 have certification that is current (6 are expired). (<http://www.cleanmarina.org/thecleanlist.html>)

Office Furniture: The 12 tenants were contacted 9 business responded. However only 1 business provide data (0.19 tons).

Sanitation

Community Based Public Relations: LASAN serviced a total of 298 events for a total of 5.94 tons of recyclables collected. LASAN also hosted Earth Day LA and six Open Houses at the Sanitation yards called "Discover Recycling" to promote all environmental programs. LASAN uses Facebook and Twitter to promote the events.

Green Business Program Planning and Implementation: The City of Los Angeles Green Business Certification Program recognizes and promotes green businesses in 3 different sectors. LA Green Business Program certifies businesses in office/retail, restaurant, and auto repair. The LA Green Lodging Program certifies lodging properties, and the LA Green Arts Program certifies arts and cultural facilities.

Water and Power

Conduct Department Facilities Waste Audit: The LADWP LEED facility waste audit was conducted during the 4th quarter of 2017.

LYNWOOD: City promotes environmental programs through booths at community events and provides technical assistance when requested. In 2017, staff participated in two events, Earth Day and National Night Out, providing information to schools, public counter areas, and library.

MANHATTAN BEACH: City's hauler required to provide 3 facility tours annually this is promoted in the winter newsletter of the previous year as well as the newsletters leading up to the tours. In 2017, the hauler provided a tour to the Azusa MRF (9/18/17), Waste Management's Carson Transfer Station (10/23/17) and the CORE Food Waste Facility and MRF (11/13/17). The City hosted an Environmental Quiz Booth at the 25th Annual Earth Day Event which drew over 1,000 community members. The City's hauler hosted a composting/food waste booth at this event. The green businesses who received certification or recertification in 2017 were honored on stage at this event by the City Council. The City hosted the same Environmental Quiz Booth at the annual Hometown Fair, 2 day event, which draws over 10,000 community members. The City staff member who oversees the solid waste division for the City made a presentation to the APWA Public Works Institute in May 2017 on the topic of "Solid Waste BMPs and Emerging Issues." 100 public sector employees were in attendance. The 4 areas covered in the presentation were the Recycling Market, Rate Structures, Product Bans & Plastics Management and Organics for each topic the attendees were given a sustainably made gift to remind them of the topic each time they saw it. City is member of SBBEC (South Bay Business Environmental Coalition) and SEED Awards Planning Committee Member. The annual SEED Awards recognize sustainable excellence with individuals, organizations, non-profits, schools, and businesses.

PALOS VERDES ESTATES: Annual Environmental Expo, Franchise hauler for school district has recycle bins at all City Schools.

POMONA: The City franchise haulers made direct contact with commercial and multifamily accounts to provide MCR and MORE information and recycling options. The City participated in events throughout the year, such a the Fairplex Recycling Roundup event, Earth Day, Beautification Day, SGV Awards, Shred-a-Thon, National Prescription day, National Night Out, and other sponsored events when available in which outreach material are distributed regarding zero waste.

RANCHO PALOS VERDES: Educational Outreach includes flyers, letters, mailers, websites, one on one communication, newsletter articles, business waste assessments, City events, and outreach at Chamber of Commerce meetings. The City staffs an "Environmental Booth" at Whale of a Day and 4th of July events, in which outreach materials were distributed with regards to recycling, HHW, used oil, greenwaste, SAFE Center, NPDES, composting and e-waste. The City gave away reusable grocery bags and mini recycling bins. The City participates in and encourages organizations to apply for the SEED Awards.

REDONDO BEACH: The City participates in several public events each year. One notable event is the SBBEC (Southern California Environmental Excellence Award event) or SEED Awards. Several cities from around the South Bay request businesses, schools, organizations and individuals to fill out application describing their efforts at sustainability. The SBBEC selects the winners and runner ups and recognizes them at a local event each year in the Fall. It is a way to encourage folks to be more sustainable. Aside from the SEED awards the City also participates at the Farmers Market

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Earth Day event and provides the public at large with pertinent information regarding recycling/compost programs offered to residents and businesses within the City.

ROSEMead: City staff and hauler attended the National Night Out, Most Concerts in the Park, Council and Chamber meetings currently all educational material is displayed at the Chamber office. Currently, there is a Republic Services customer service representative that assists residents with the Recycling Rewards program, Civic Pride Day (April 19th) , Annual Scholarship program at the schools and Council Chambers to present to the awardees, Public Works D, Books & Bikes program, Community Yard Sale, Annual Casino Night and & Lunar New Years. The City and hauler participate in LARA meeting and honored 3 businesses at the annual SGV LARA Award Ceremony held in April.

SIERRA MADRE: The City continues to cross promote environmental messaging at community events. There is also interest in touring the hauler's material recovery facility and tours have occurred in 2017.

SOUTH GATE: Waste Management shares information about residential and commercial recycling through presentations at local events including: Earth Day, Tweedy Mile Street Fair, Chamber of Commerce, Community Environmental Health Action Team and other community events. In 2017, Waste Management awarded a grant to the Community Environmental Health Action Team to host a public education forum where multiple environmental groups were invited. Not only did the Community Environmental Health Action Team host the public education forum, they also purchased multiple marketing collateral and developed flyers to further educate the community on recycling efforts, illegal dumping and environmental related information relevant to the City. The partnership with the Community Environmental Health Action Team allows Waste Management to promote recycling messages in the community and is a great grassroots approach to impacting the community.

TORRANCE: In the earlier years of the program, the City provided numerous workshops and conferences for business, residents, haulers, government officials as well as technical assistance and waste audits for businesses and participated in the WRAP and Waste Wise programs. The City continues its outreach through a wide variety of methods and materials. We have exhibit displays used for special events like the annual Public Works Open House, Environmental/Health Fairs, Farmers Markets, Leadership conferences and Earth Day events. We provide materials and speakers for schools, Scout troops, HOAs and other community groups. Torrance is also member of the Clean Bay restaurant program and has its own awards program, Torrance Advantage Awards, which includes environmental awards. The City also participates in the annual SEED awards.

5030-ED-SCH (Schools (education and curriculum))

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: Schools, along with their waste hauler WARE Disposal, claim to have several educational programs in place.
BEVERLY HILLS: Education material was not distributed to K through 5th graders this year.

BRADBURY: The City, in partnership with the City of Duarte, hosts an Annual Earth Day Event in which volunteers of all ages participate in community projects such as trash pickup and planting of drought tolerant plants throughout our communities. At this event, volunteers are also exposed to education materials that highlight the importance of proper waste diversion and responsible waste disposal.

DOWNEY: The City's Used Oil Consultant annually visits all 5th grade students at public and private schools presenting a 30 minute presentation on used oil recycling, water conservation and recycling.

DUARTE: The Duarte Unified School District has active recycling programs on all campuses including Duarte High, MIT and elementary schools.

HERMOSA BEACH: The City and the franchise hauler continue to work with the Hermosa Beach City School District and the Grades of Green parent group in developing 3Rs curriculum for the schools. In 2017, Grades to Green promoted water conservation curriculum in the classrooms and in the school community garden. The Hermosa View Elementary School continues to develop a Butterfly Garden and Nature Habitat. The franchise hauler donated \$3500 to the Hermosa Beach Education Foundation, Leadership Hermosa and Grades of Green.

HIDDEN HILLS: WM staff is part of the Recycle Right monthly meetings at the school district's office, and the school has a representative at every meeting. Discussion includes recyclable materials (AB 341), food waste program (AB 1826) and greenwaste issues (AB 1826). Food waste pilot programs will be started at each school in the district and WM staff will be on hand to educate the school staff and help set up the equipment delivery.

LYNWOOD: School outreach provided as requested. County's Environmental Defenders program conducted assemblies at 2 elementary schools (St. Philip Neri, Lindbergh Elementary) and reached a total of 920 students.

MANHATTAN BEACH: The City's hauler conducted 503 hours of outreach and educational training (500 hours required).

Hauler required to provide assistance with education/curriculum for all educators. The hauler provided Back to School

Letters: Waste Management (WM) sent a letter to each school in Manhattan Beach Unified School District offering recycling services and outreach (including assemblies and touch a truck events) for partnership opportunities. Winter Break

School Letters: Sent a letter to each school in Manhattan Beach Unified School District promoting the Cartridges for Kids program, a free electronic recycling program that provides year round fundraising opportunities. Clean Cart Challenge:

Waste Management staff worked with Mira Costa volunteers to conduct the annual clean cart challenge. Students work with Waste Management staff to ensure that residents are following proper recycling habits, keep recyclables loose and unbagged, boxes are broken down, and that residents have more recycling than trash (right sized carts). At the Middle

School, WM provided customized 11x17 laminated posters for lunchtime sorting stations: Landfill, Recycle, and Food waste. Student created a custom basketball hoop collection station to make it fun to recycle. City Staff assisted Grades of

Green (local school educational non-profit) with editing signage for new 3 stream units at Mira Costa High School. Collaboration with Parent Volunteers: Waste Management continued to support MBUSD as well as other schools in

Manhattan Beach through event box donations, MSW/Recycling services and event assistance during events. Waste Management met with Grades of Green several times throughout 2017 to discuss collaborative efforts on how to increase

food waste diversion and recycling at schools throughout Manhattan Beach. Additionally, Waste Management attended several events throughout the year to support Grades of Green including their annual gala. Waste Management met with

the Manhattan Beach Education Foundation to discuss additional ways to collaborate in addition to the contractual donation which Waste Management. Additionally, Waste Management attended several events throughout the year to

support the Manhattan Beach Education Foundation including the Manhattan Beach Educational Foundation Wine Auction. Waste Management participated in the MBUSD Green Meeting with important educational stakeholders including Grades

of Green, MBUSD staff and City staff to discuss new district initiatives, feedback for new program implementation as well as update one another on efforts being made to green MBUSD schools.

PALOS VERDES ESTATES: Franchise hauler for school district provides educational materials to schools within City limits. POMONA: The school district provides classroom presentations through SGV Corps and through the E RAP program.

RANCHO PALOS VERDES: The City sends educational outreach information on environmental events, grant opportunities, the County's Environmental Defenders Assembly, and resources to schools. The City also coordinates with

the schools' hauler, WM, for Earth Day and/or America Recycles Day events. No Waste Management events were scheduled in 2017.

ROSEMEAD: The hauler continues to host assemblies and participates in the Annual Earth Week events. Republic Services sponsors the annual scholarship program.

SIERRA MADRE: Staff conducted programs for the two local public schools and one summer school event again in 2017. SOUTH GATE: As schools in South Gate are managed by LAUSD and serviced by their contracted hauler, the City does

not have detailed information about school based education programs and curriculum. However, the City and Waste Management are looking into methods of working with some of the local schools to provide recycling best practices and

improve recycling habits in the community. TORRANCE: Four months in schools doing classroom presentations on HHW for 4th graders, worm composting for 2nd

graders and curbside recycling for 1st graders. Living Wise program offered to 6th graders, used oil/HHW/storm drain pollution offered in high schools for auto shop and science classes. All schools have recycling programs, and many do

Earth Day events. Not aware of specific curriculum, but overlaps with natural sciences and other fields. Ten schools have been through the Grades of Green Trash Free Lunch Challenge. The City donates outreach materials, recycling bins and

other equipment to local schools on request.

5040-ED-OTH (Other Public Education)

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	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:
DOWNEY: At each of the City's one hour monthly cleanup litter events the City provides table recycling information (HHW events, SHARPS locations, paint drop-off sites, certified used oil centers, and buyback centers for beverage containers and cans.
LOS ANGELES:
Sanitation
 Clean Your Files Campaign: Due to limited equipment and staffing, it was difficult to concentrate 'Clean Your Files' efforts into a single 2017 event. Instead, we have encouraged city staff to keep their files clean on an ongoing basis.
 Plastic Bag Ban Outreach: 2017 marks the third year of this program. National and local grocery and drug chains continue to submit quarterly reports of paper bags and reusable bags sold. Reporting by independent retailers has lessened. Enforcement measures were not in the original ordinance but field inspections of retailers (chains and independents) are conducted on a regular basis throughout the City to ensure compliance. In addition, complaints/questions from residents and/or retailers are resolved via telephone, email, or actual field visits.
 Los Angeles Environmental Learning Center: In 2017 the Los Angeles Environmental Learning Center at Hyperion received 16,532 visitors.
Water and Power
 Recycling Coordinator: The recycling coordinator is responsible for preparation of AB 939 report and expansion of the blue bin recycling program. Types of recycling promoted are glass, paper, and aluminum. This program targets current LADWP employees.
MANHATTAN BEACH: The City's hauler created a Food Waste Recycling street banner that hung for a minimum of 8 weeks in 2017 over several major areas in the City. A banner promoting the Shredding Event was hung on two very visible fences (tennis court) facing major streets. A Hazardous Waste recycling street overhang banner was also hung for a minimum of 1 week promoting the at home At Your Door HHW program. A Composting Class street overhang banner was hung 3 times in 2017 for 2 weeks each (total of 6 weeks). City of Manhattan Beach Analyst (Anna Luke Jones) in charge of solid waste attended the California Resource and Recovery conference (CRRA), state training webinars, etc. The City's hauler representative attends school assemblies, city council meetings, events, chamber mixers, etc. to provide information on waste reduction training and current solid waste programs. The City's Environmental Programs Manager runs campaigns on City's Breathe Free non-smoking ordinance which helps reduce cigarette litter, Bring Your Own which includes the polystyrene ban and plastic bag ban and a focus on reducing disposable straw use.
RANCHO PALOS VERDES: Reusable bags are distributed at the City's two public events. The City is an active member in local organizations, including PV Chamber of Commerce and SBEC. PV Chamber of Commerce informs members of recycling mandates and regulation information and/or events such as the SEED Awards applications through their weekly e-blasts and website.
ROSEMEAD: The Chamber of Commerce is a great partner with the City. Republic Services has a office in the chamber to collect payments and promote all diversion programs. Monthly, the Chamber creates the Rosemead Report newsletter.
SOUTH GATE: Both the City and Waste Management staff are active members in local service organizations (Rotary Club and Chamber of Commerce). Additionally, the City and Waste Management participate in Los Angeles Regional Agency (LARA) meetings and programs.

6000-PI-PLB (Product and Landfill Bans)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes

Selected Program Details:
 C & D in Landfill | Plastic bags and/or single use plastic bags-PLB

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2017)

Jurisdiction Notes:

DOWNEY: Product ban on plastic bags (2016).

HIDDEN HILLS: The City does not have any product or landfill bans above and beyond those of the County/State.

MANHATTAN BEACH: As part of the City's ban on smoking in public places, a Tobacco Retail Permit policy became effective on January 1, 2016. The intent is to encourage responsible retailing of tobacco and electronic cigs in MB. All tobacco/e cig retailers must obtain a tobacco retail permit and discontinue the sale of some flavored products, which are often targeted to a younger audience. The City believes that all the efforts with the Breathe Free program and behavior bans is reducing the inevitable litter of cigarettes in roadways and oceanways.

The City continues to prohibit the use of polystyrene food service ware (since 2013), and a prohibition on ice coolers, straws, cup lids, and utensils made from polystyrene materials, and a prohibition on the sale of polystyrene food service materials in local retail stores (since 2014). Enforcement states that any person convicted of a violation of this ordinance is guilty of an infraction of the City's municipal code, and is subject to fines. Written warnings may be issued at first. The "Bring Your Own" campaign is the cornerstone branding for the reduction of disposable product use.

http://www.citymb.info/departments/environmental_sustainability/polystyrene_ordinance_and_bring_your_own_campaign.

PALOS VERDES ESTATES: None for this reporting period.

RANCHO PALOS VERDES: No new product or landfill bans were implemented by the City in 2017.

SOUTH GATE: Waste Management staff remove white goods at the South Gate Transfer Station to ensure that white goods do not end up at the landfill. Asbestos, batteries, California Designated Waste, chemicals, engines, explosives, hazardous waste, liquids, pesticides, radioactive waste, tires and untreated medical waste is banned from Waste Management landfills.

6010-PI-EIN (Economic Incentives)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes

Selected Program Details:

Variable can rate/Quantity based user fee | Grant | Fee waiver | Discounts | Differential tipping fee | Unlimited recycling | Reward/Contest | Franchise Fee | Deposit

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2017)

Jurisdiction Notes:

ARTESIA: Additional residential recycling and greenwaste carts are offered at no charge. Trash waste carts are offered at monthly rate.

BEVERLY HILLS: Commercial recycling bins are provided free of charge. Residents that qualify receive discounts on refuse bill for land that is part of the hillside and deemed unusable.

DOWNEY: Commercial recycle bins are offered at no charge for commercial accounts. Residents can reduce their trash by requesting a 35 gallon cart for a reduced cost. Residents are offered an additional 96 gallon recyclable and greenwaste cart at no charge.

DUARTE: There is a variable can rate option for those residents generating low volumes of trash. 40-gallon, 60-gallon, and 90-gallon refuse barrels are available. There is also recycling containers for businesses and multifamily dwellings.

HERMOSA BEACH: Residential accounts continue to be offered a variable can rate with the choice of 20, 35, 64, or 96 gallon waste bins with corresponding reduced rates for each bin size. Residents receive a recycling bin of corresponding size to the chosen waste bins. Commercial accounts are offered 2, 3, and 6 cubic yard waste bins with corresponding reduced rates for each bin size. The franchise hauler continues to provide economic incentives for clean source separated materials including paper, cardboard, C&D.

HIDDEN HILLS: There is a variable rate structure incorporated into franchised hauler agreement to encourage recycling since recycling is less than equivalent trash service. Recycling is in the City's agreement with WM, which expires in 2023 with an option for three additional years.

LOS ANGELES:
Sanitation
Recycling Market Development Zone: The City of Los Angeles's new Zone Administrators (ZAs) attended 3 training sessions and 3 manufacturing outreach webinars sponsored by the CARMDZ. The ZAs represented the RMDZ at 7 environmental events and formed a collaboration with the LA Industry team and the City's Economic Workforce Development Department (EWDD). The Zone was contacted by 9 new potential businesses regarding the RMDZ Loan Program.

LYNWOOD: In 2017, the City updated its agreement with WRI, which now includes a rate structure for commercial source separated commercial recycling (50% of equivalent trash service). Residents have a 2 cart system for trash/recycling and greenwaste. For more than 2 trash/recycling carts, the monthly rate increases. Additional greenwaste carts are free.

MANHATTAN BEACH: City has Pay as You Throw (a.k.a. Tiered Rates) for all single family residential customers. Carts are available in 35, 64 and 96 gallons. There is an extra charge for each additional trash cart. Recycling and greenwaste collection have no additional charge. Commercial carts and bins are all tiered rates as well. Food waste collection is included as part of the base rate for services there is no additional charge. The at home hazardous waste collection program is included as part of the base rate for services; residents (single and multifamily) may request unlimited pickups annually at no additional charge. The City subsidizes the cost of worm and compost bins for residents as part of the discount composting bin program - \$35 per bin, year round to all residents in MB. The Clean Cart Challenge mentioned previously rewards 20 of the best residential recyclers in the City with a month's free refuse service.

POMONA: Commercial franchise haulers do not pay a per ton franchise fee on recycled tonnage.

RANCHO PALOS VERDES: The City offers variable rates on refuse collection containers for residents and offers commercial haulers credit on AB 939 fees for recycling. The City awards \$250 to two residents who recycle and/or separate greenwaste twice per month. A total of 48 awards are given out each year (\$12,000/year). The City's residential hauler offers free source separated recycling for all multifamily complexes, and all participate in the program.

ROSEMEAD: The City offers recycling at a reduced rate. Recycling staff is available to provide businesses assistance to reduce waste, right size waste bins and train staff.

SIERRA MADRE: The 'Pay as you Throw' program and four free bulky item pickups would constitute the economic incentives.

SOUTH GATE: The residential recycling program costs are built into the residential rate and the commercial recycling cost is approximately 50% less than the MSW rate. The rationale for the lower commercial recycling rate is to incentivize recycling. Waste Management has a program set in place to capture the number of customers who need to re adjust their services. Due to the snapshot program, 50 commercial customers increase their service levels. When the Waste Management Snapshot team reaches out to the customer they encourage customers to increase trash and/or recycling service levels and to add recycling services. Right sizing increases recycling and lowers waste.

TORRANCE: Residents pay less for smaller refuse containers and commercial haulers do not pay CERCLA fee on recycled tonnage, only on disposal tonnage. Torrance is a RMDZ member.

6020-PI-ORD (Ordinances)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes

Selected Program Details:

C & D ordinance | Mandatory commercial organics | Mandatory commercial recycling | Mandatory residential recycling | Mandatory waste collection | Recycled content procurement | Antiscavenging ordinance | Green building ordinance | Plastic bags and/or single use plastic bags | Polystyrene (food and drink containers etc.) | Other ordinances (describe below)

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2017)

Jurisdiction Notes:

ARTESIA: The City adopted a Mandatory Collection Service, Mandatory Bulky Item Collection Service and Construction and Demolition Ordinances.

BEVERLY HILLS: Solid Waste and C&D ordinances are in place. City adopted CALGreen Building codes in 2011 and will be updating the new C&D 65% requirement.

BRADBURY: The City continues to enforce Ordinance No. 337 to encourage residents to practice best management practices as it relates to water conservation.

DOWNEY: City has an Anti-Scavenging Ordinance in place. The City implemented C&D ordinance in February 2007 updated to reflect the CALgreen in 2016 to 65% diversion and the Water Conservation Regulations & Restrictions Ordinance June 2015

DUARTE: City adopted and implemented C&D Ordinance in June 2004 which places specific diversion requirements on major demolition and construction projects in the City. Staff is also in the process of updating the ordinance to reflect current CalRecycle Diversion rates.

HERMOSA BEACH: The City's C&D Waste Reduction Policy, AB 341/ MCR Policy, Recycled Products Procurement Policy, Plastic Bag Ban Ordinance and Polystyrene Food Service Container Ban remain in effect.

HIDDEN HILLS: The City continues to implement its C&D Recycling Ordinance, passed in 2003 and updated in 2017 to match CALGreen. Project tracking includes application, estimate worksheet, and deposit submitted to the City at the time permit is issued. Upon completion of construction, the final accounting and certification of diverted material is provided by the C&D hauler. Deposit is released if diversion is verified.

LOS ANGELES:
Sanitation
Single-Use Bag Ban: The Single-Use Bag Ordinance came into effect beginning January 1, 2014 to reduce waste and pollution. The City continues to enforce the bag ban and responds to any inquiries or complaints in regards to the ordinance.
Water and Power
Modification of Agreements with Private Contracts: LADWP follows the purchasing policies detailed in the Los Angeles City Charter and Administrative code. Other than the use of purchasing cards, Supply Chain Services is responsible for procurement processing. To monitor the procurement practices LADWP utilizes a request to award system that manages procurement activities including the request, bid/solicitation, evaluation, and the award. There is an automated workflow at each of these steps requiring oversight and approval by those in the workflow. This system also has built in workflows for specific types of procurement such as services (risk management and labor relation are in the workflow), or sole source (GM approval required). In addition, there are controls on the dollar threshold of a procurement activity where documents will workflow to the proper approval authority delegated by the GM's office.

LYNWOOD: The City currently has C&D, procurement, anti scavenging, and illegal dumping ordinances and continues to evaluate the need for new or expanded ordinances. C&D program will be revised in 2018 to meet 2016 CALGreen standards.

MANHATTAN BEACH: No new ordinances.

POMONA: The City has a Construction and Demolition Ordinance No. 3987 that requires that at least 65% of all the material generated during construction/demolition project be diverted from the landfill. The City has adopted CALGreen Building Codes, LID Ordinance and Green Street Policy.

RANCHO PALOS VERDES: In 2017, the City updated its C&D program to match the new CALGreen standards.

REDONDO BEACH: The City has a C&D ordinance to ensure the material is recycled or diverted.

ROSEMEAD: In October 2017 the AB 1826, Organics Policy was approved. The City and hauler held several meetings and invited staff from CalRecycle, LARA and industry experts to discuss the importance of the mandate. The City updated the December 2016 CALGreen Guidelines from 50% to 65%.

SIERRA MADRE: The City continues to enforce its C&D Ordinance, LID Ordinance, CALGreen Building codes, and Water Efficient Landscape Ordinance procurement policy.

SOUTH GATE: The City requires all entities involved in any C&D related projects to report their diversion. Additionally, the City has a strong ordinance that prohibits illegal dumping and hauling. The City's municipal code allows for self-hauling with an approved self-hauler permit by the City of South Gate and requires reporting of any tonnage to the City.

TORRANCE: Ordinances in place for C&D recycling (matching the Green Building Code), commercial recycling requirements and recycling space allocation for new development. Policy for procurement is in place. We also have a section on equal access to recycling, so if State laws define something differently than the City, the intent of equal treatment applies. For example, Torrance defines multifamily as 3 units or above and the State starts at 5 units. Under the ordinance, our 3 unit complexes are included, as that was the intent of the law.

6030-PI-OTH (Other Policy Incentive)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2017)

Jurisdiction Notes:

BEVERLY HILLS: The City encourages businesses and residences to go green through programs such as the US Green Building Council LEED Certification, which provides energy savings.

LOS ANGELES:

Sanitation

Private Hauler Franchise Initiative: The contracts for the Commercial and Multifamily Solid Waste Hauling Exclusive Franchise were executed on January 31, 2017. Approximately 72,000 commercial and multifamily accounts transitioned into the Exclusive Franchise System (recycLA) from July 2017 through January 2018. Seven recycLA Service Providers (RSPs) also provided waste assessments, outreach and education, and container deployment as part of the transition into the recycLA program.

SOUTH GATE: The City of South Gate has a partnership with Southern California Edison with goals on energy and carbon footprint reduction, which includes an Energy Action Plan that the City abides by. The Community Development department has a policy in place to ensure that all developers in the City report that construction debris is being diverted from landfills before obtaining their final permits.

7000-FR-MRF (MRF)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: CR Transfer and Material Recovery Facility (Stanton) accepts general waste, C&D debris, greenwaste, bulky items, e-waste and other hard to handle items. Southeast Refuse Recovery Facility (Long Beach) accepts only non-hazardous municipal solid waste.

BEVERLY HILLS: The City has a contract with its commercial hauler (Athens Environmental Services) that operates a Material Recovery Facility, in Sun Valley, CA (Crown Recycling Services). The City takes all of its residential & commercial refuse, greenwaste, and street sweeping material for processing at this facility.

BRADBURY: No waste from the City was taken to a MRF in 2017.

DOWNEY: Commingled residential curbside materials are separated at MRF Downey Area Recycling & Transfer Facility (DART) in Downey. Half of commercial also taken to DART or very little goes to landfills in Orange County. Other half of commercial waste is taken to MRF Paramount Resource Recycling (PRR) in Paramount, for separation and recovery of recyclables.

DUARTE: Curbside and Commercial trash, recycling and greenwaste materials taken to Azusa "Waste Management" MRF.

HIDDEN HILLS: Single stream recyclables are delivered to a MRF for processing. Totals are reported under program 2000-RC-CRB.

LYNWOOD: The City's hauler, WRI, uses a MRF to recover recyclables, which is reported in programs 2000 RC CRB and 2030 RC OSP.

PALOS VERDES ESTATES: The City's franchised waste hauler for residential processes all waste collected through South Gate MRF and Sun Valley MRF.

POMONA: Material Recovery reported by hauler: Athens 904.79 tons, Burrtec .13 tons, Valley Vista 15,974.28 tons, WARE 4,137.20 tons.

RANCHO PALOS VERDES: The City's haulers continue to use MRFs to recover recyclables. Totals are included under each appropriate program.

ROSEMEAD: All materials is taken to the CVT MRF for processing. In 2017, approximately 2000 tons of mixed recyclables was processed.

SIERRA MADRE: The City continues the use of Athens' MRF for its multifamily and commercial waste streams. In 2016, the mixed waste processing was extended in the Canyon section of the town in 2016 due to vehicle constraints. The residents were pleased to have trucks reduced to 2 days a week and also less trips in the tight and hilly area. This trial is now permanent.

TORRANCE: City in current contract with Potential Industries for MRF services. No facilities within city.

7010-FR-LAN (Landfill)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 20457.45	Selected in SRRE: Yes
		Owned or Operated: No

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2017)

Jurisdiction Notes:

ARTESIA: Frank R. Bowerman Landfill (Irvine) accepts only municipal solid waste from commercial haulers. Olinda Landfill (Brea) accepts public and commercial solid waste. Prima Deshecha Landfill (San Juan Capistrano) accepts public and commercial solid waste and is also a HHW collection center.
 DUARTE: The city hauler utilizes a variety of facilities for inert debris and metals such as SA Recycling, Nuway, and Peck Road Gravel Pit.
 HIDDEN HILLS: Local landfills divert additional materials that are not reported as ADC. In 2017, 147.36 tons beneficial use and 15.63 tons offsite use were reported.
 LYNWOOD: Landfills continue to report diversion activities through the DRS. 219.04 tons reported diverted in 2017.
 MANHATTAN BEACH: The material is first taken from Manhattan Beach to their transfer station in Carson, CA to be weighed. Some materials are salvaged at the transfer station. Waste Management, the City's hauler, takes all material destined for disposal to El Sobrante Landfill. The tonnage included in this section is from the City's hauler tonnage report and covers all sectors (commercial, residential, roll off service).
 RANCHO PALOS VERDES: In 2017, landfills reported diversion through beneficial use (528.32T) and offsite reuse (1.11T).
 TORRANCE: Beneficial uses shown under 7040.

7020-FR-TST (Transfer Station)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: Downey Area Recycling and Transfer Facility (Downey) recovers recyclable materials from loads. CR Transfer (Stanton) accepts general waste, C&D debris, greenwaste, bulky items, e-waste and other hard to handle items.
 MANHATTAN BEACH: The hauler's transfer station performs some mining, mixed waste processing and reverse sorting of food waste.
 PALOS VERDES ESTATES: The City's franchised waste hauler owns a transfer station that they use when processing the waste collected from the City.
 POMONA: Tons reported by hauler: Burrtec 547.36 tons (West Valley MRF). No transfer station within the city.
 RANCHO PALOS VERDES: The City's residential hauler, EDCO, continues to operate a transfer station which includes a recycling buyback center and bi-monthly collection of HHW and e-waste.
 SOUTH GATE: Waste Management operates a Transfer Station in the City of South Gate. Recyclable materials and white goods are salvaged from this facility.
 TORRANCE: City currently in contract with Republic Services for transfer station services, including greenwaste recycling. Residents can self-haul at City's contracted prices.

7030-FR-CMF (Composting Facility)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 90575.38	Selected in SRRE: Yes
		Owned or Operated: No

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2017)

Jurisdiction Notes:

BEVERLY HILLS: All commercial food waste, wood waste and residential greenwaste is partially processed at Crown Recycling Services in Sun Valley, CA and then hauled to Blossom Valley in Lamont CA to be further processed into compost. The tonnage represents the residential greenwaste and commercial food waste that was recycled based on Athens Environmental Services tonnage report.

BRADBURY: The City's hauler, Burrtec, takes all manure and greenwaste to the West Valley MRF to be processed for compost.

DOWNEY: Residential and commercial chipping and mulching are served by DART and PRR. Commercial organic waste is taken to Tierra Verde Industries in Irvine.

DUARTE: The City does not own a composting facility; however, Burrtec collects greenwaste and composts and or mulches it at its outside facility. Greenwaste is delivered to Azusa "Waste Management" MRF who contracts with composting companies for materials processing.

HIDDEN HILLS: Greenwaste and manure are sent to local composting facilities. Totals are reported under program 3000-CM-RCG.

LOS ANGELES:

Recreation and Parks

Griffith Park Co Composting Facility/Other: Recreation and Parks is meeting their goals of recycling greenwaste. The Department processes greenwaste generated from tree care operations for use as mulch. The mulch is then used in park landscapes, or provided to The Bureau of Sanitation for for composting into Top Gro a soil additive or for seed cover and turf restoration.

Sanitation

Griffith Park Composting Facility, San Pedro Harbor Mulching Facility, and Lake View Terrace Lopez Canyon

Environmental Center: Ongoing.

MANHATTAN BEACH: The City has a citywide industrial food waste program (began 2015) which utilizes Waste Management's CORE facility. The city's hauler utilized their composting facility for a portion of the city's pilot food waste program. However, the hauler and city rolled out the citywide food waste program utilizing an Industrial Use program instead. The City's street sweeping contractor, Athens Services, composts 90% of the material it collects in street sweeping collection.

PALOS VERDES ESTATES: The greenwaste collected from the City is processed for composting when loads are uncontaminated.

RANCHO PALOS VERDES: Curbside greenwaste from City is taken to composting/mulching facilities through transfer station. Street sweeping debris is composted and tonnage is reported in program 3060-CM-GOV.

TORRANCE: None in City. Materials from City are taken to composting facilities through transfer station.

7040-FR-ADC (Alternative Daily Cover)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 75237.69	Selected in SRRE: Yes
		Owned or Operated: No

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2017)

Jurisdiction Notes:

ARTESIA: ADC was taken by self-haulers. The City franchise hauler does not take greenwaste to be used as ADC.
 BRADBURY: Greenwaste is not being used as ADC. Greenwaste that is delivered to Waste Management Azusa transfer station is transported to greenwaste composters for use as compost and land application.
 DOWNEY: Greenwaste is not being used as ADC anymore. Greenwaste that is delivered to DART is transported to greenwaste composters/ processors.
 DUARTE: Greenwaste is delivered to the Azusa Waste Management MRF where the material is transferred to a greenwaste processing facility.
 HERMOSA BEACH: Franchise hauler reports 409 tons of residential greenwaste/ADC/Wood Fines were diverted, ADC tonnage cannot be separated from the greenwaste and wood fines diversion tonnage. The Los Angeles County Department of Public Works SWIMS reports 1.16 tons of C&D used as ADC and 2784.74 tons used as Beneficial Use.
 HIDDEN HILLS: The City's haulers continue to use ADC for diversion of greenwaste and inerts. In 2017, 714.36 tons of greenwaste ADC and 354.64 tons C&D ADC were reported. To avoid double counting, the total reported for this program is 0.
 LOS ANGELES:
 Sanitation
 Alternative Daily Cover: Ongoing.
 Water and Power
 Alternative Daily Cover: Solids from the LADWP Filtration Plant and contaminated soil from LADWP property (SIMS) in Owens Valley (65273.39 tons) that were used as cover for the landfill. The Los Angeles Aqueduct Filtration Plant also collected 13,119.03 tons of sludge being used as ADC.
 LYNWOOD: Landfills continue to report C&D ADC. 26.03 tons reported in 2017.
 MANHATTAN BEACH: In 2014, the last remaining material, Christmas Trees, was no longer processed and used for ADC.
 PALOS VERDES ESTATES: The City continues to provide greenwaste, dirt, concrete, etc., which currently qualify as ADC to County landfills.
 POMONA: Local landfills report ADC tonnages from commercial landscapers that take advantage of reduced tipping fees for loads of source separated greenwaste. The residential greenwaste from City is taken to Rios Recycling.
 RANCHO PALOS VERDES: In 2017, 119.06 tons of C&D ADC were reported.
 ROSEMEAD: 2017 DRS reports 99 tons of ADC.
 SIERRA MADRE: The City's greenwaste is collected by the contract Hauler, Athens, for use as ADC at the Scholl Canyon Landfill.
 SOUTH GATE: None of the City's greenwaste was used for ADC.
 TORRANCE: Beneficial uses at landfills: ADC (4795.64); other (12066.51) off site other (678.49); recycled (12074.15 tons); and compost (18354.27 tons).

8000-TR-WTE (Waste To Energy)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 54173.88	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

HERMOSA BEACH: The franchise hauler reports 500 tons of WTE from multifamily mixed waste collection and 500 tons of WTE from commercial mixed waste collection.
 HIDDEN HILLS: In 2017, 52.72 tons of transformation were reported.
 LOS ANGELES:
 Sanitation
 Waste to Energy: Ongoing.
 LYNWOOD: In 2017, 7,392.94 tons of waste was delivered to the local WTE facilities.
 MANHATTAN BEACH: Transformation by hauler taken to Commerce Burn (residential) and SERRF (residential) for a total of 2883.38
 PALOS VERDES ESTATES: None stated on DRS for 2017
 RANCHO PALOS VERDES: In 2017, 1,399.61 tons of transformation was reported by two facilities.
 REDONDO BEACH: The City sends 10% of its waste to a waste-to-energy facility.
 ROSEMEAD: City DRS reports 3,751 tons of transformation taken to the SERRF.
 SIERRA MADRE: The City's contract hauler no longer diverts the City's waste to a waste-to-energy facility. Small scale local waste-to-energy options are being explored.
 SOUTH GATE: South Gate did not record waste-to-energy in 2017.
 TORRANCE: Private commercial waste haulers make use of waste-to-energy programs

9000-HH-PMF (Permanent Facility)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
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Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2017)

	Report Year Diversion Tons: 4311.49	Selected in SRRE: Yes
		Owned or Operated: Yes
<p>Jurisdiction Notes: ARTESIA: O'Reilly Auto Parts collects used oil. City promotes HHW collection events hosted by the County. HERMOSA BEACH: The City continues to promote County of Los Angeles HHWE collection events. The franchise hauler provides e-waste curbside collection service to residents upon request. Requested residential curbside collection of e-waste is counted as a "Bulky Item Pickup"; residents are offered two "Bulky Item Pickups" annually by the franchise hauler. The City continues to post the HHWE Hotline telephone number on its website. LOS ANGELES: Sanitation Marina Used Oil Collection Site: LASAN has a total of 14 Used Oil Recovery Centers in Wilmington and San Pedro, offering boaters the opportunity to safely and conveniently dispose of their used motor oil, used oil filters, and absorbent pads. In 2017, a total of 2,510 gallons of used oil (9.54 tons) was collected, and 8 drums (1.5 tons) of oil filters & 14 drums of absorbent rags (0.875 tons) were collected. S.A.F.E. Center: LASAN has established 7 permanent collection sites throughout the City, known as S.A.F.E. Centers. These S.A.F.E. Centers provide a convenient way to dispose of residential HHW. Additionally, we have the CESQG program which is a fee based program that collects business hazardous waste from qualified businesses. Water and Power DWP Oil Recycling Program: THE LADWP recycles all waste oils through hazardous waste contractors. Waste oils include transformer, motor, cable, compressor, hydraulic, and turbine oils. In house hazardous waste crews and hazardous waste contractors collect oil upon request from the generators. The oil is shipped on a hazardous waste manifest for recycling. Hazardous Waste Field Guide is available for further information. LYNWOOD: There are 6 oil Certified Collection Centers in the City. In 2017, 22 sharps kits were distributed to residents. MANHATTAN BEACH: No permanent facility inside City of Manhattan Beach lines, but City does use permanent collection drop-off locations nearby. Hyperion Treatment Plant of the City of Los Angeles for HHW and 4 Certified Used Oil and Filter Collection Centers in the City of Manhattan Beach. RANCHO PALOS VERDES: Residents are encouraged to dispose of HHW at the SAFE center in San Pedro and/or at EDCO's Transfer Station in Signal Hill, which are promoted via the City's website, City and hauler newsletters and in print. ROSEMEAD: The City actively promotes the County of LA Roundups on all city counters, library and Chamber office. SIERRA MADRE: City continues to refer residents to County sponsored collection sites and events. SOUTH GATE: The City has nine collection facilities for used oil and a used oil hotline. The City promotes the use of the San Pedro S.A.F.E. Collection Center for HHW collection in public educational materials. In addition, the City is the sponsor for WM's curbside HHW facility in Placentia that will be relocating to the City of South Gate. TORRANCE: City has about 26 certified used oil and filter collection sites, three paint care drop-off stores as part of the PaintCare program and several retailers take rechargeable batteries, CFL bulbs and other HHW items. There is one retailer who also collect electronics. All options promoted in regular outreach/education efforts. The city yard and airport are also collection sites for used oil and filter collection. The airport collects through their tenants.</p>		
<p>9010-HH-MPC (Mobile or Periodic Collection)</p>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 339.97	Selected in SRRE: Yes
		Owned or Operated: Yes
<p>Jurisdiction Notes: ARTESIA: The City advertises LA County's HHW and e-waste collection events. The City also hosted one of the HHW events. BEVERLY HILLS: The City of Beverly Hills is a host City for Los Angeles County Household Hazardous Waste Events (HHWE annual roundup). BRADBURY: The City advertises HHW/E-Waste Collection Events on the City monthly newsletter, City website, and email blasts. In addition, the City coordinates with Burrtec to provide residents with community clean up events which is dedicated to collecting bulky items, e-waste, and other items in exclusion of HHW. Residents also have access to the hauler to request bulky item pickups. DOWNEY: The City advertises LA County's HHW and e-waste collection events, of which one is held yearly in our City. The City additionally held 3 used oil filter and used oil collection events. The City collected 130 gallons used oil, 214 used oil filters, and had 116 participants. DUARTE: The City's franchised hauler, Burrtec Waste, also has a booth at the City picnic and distributes sharps and oil containers, and collects e-waste at community cleanup events. HERMOSA BEACH: The City sponsored and promoted an HHWE collection event at Clark Stadium. The franchise hauler continues to offer residential curbside collection of e-waste upon request; residential curbside collection of e-waste is classified as a "Bulky Item Pickup" by the franchise hauler. The franchise hauler reports that refrigerators, TVs, microwaves, dishwashers, PCs/Monitors/Keyboards, DVD/VCRs, cable boxes and boxes of e-waste were collected. The</p>		

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County of Los Angeles Sanitation District HHWE Program reported 957 households participated in the City's HHWE Collection Event with 15,274 pounds of miscellaneous e-waste, 249 video display units, 100 gallons of used oil, 2,785 gallons of paint, 1,518 miscellaneous gallons, 48 gallons of coolant, and 233 car batteries. The City provides a Med Return Drug Collection bin in front of the Police Department that accepts prescription medications, vitamins, ointments and patches for humans and pets. Sharps are not accepted in this bin.

HIDDEN HILLS: The City participates in two Los Angeles County HHW/E-Waste Collection events (Calabasas and Malibu). In 2017, 33.43 tons of HHW were collected in total. The City partners with the City of Calabasas to provide and promote used motor oil, oil filters, antifreeze, latex paint, and car battery recycling program to residents. The City continues to promote this service as well as e-waste drop-off events twice per month in Calabasas. The City also promotes local e-waste events hosted by neighboring cities and encourages residents to participate in the "Safe Drug Drop Off Program", which provides a drop-off site for the safe disposal of unused and outdated prescription medications.

LOS ANGELES:

Airports (LAX)

Battery Recycling: During 2017, 514 automobile batteries totaling 10 tons, were recycled through the Maintenance Services Division (MSD). MSD also collected 150 small batteries for recycling.

Hazardous Waste Recycling: During 2017, the following were recycled under a haz-waste manifest: fluorescent light tubes, quantity = 400 lb.; U shape lamps, quantity = 15 lb.; metal halide lamps, quantity = 20 lb.; used motor oil, quantity = 3,550 gal (ref. MSD); used oil filters, quantity = 2,600 lb. (ref. MSD); solvents, quantity = 434 lb. (ref. EPG); coolants, quantity = 3,379 lb., (ref. EPG); aerosol cans, quantity = 810 lb.

Harbor

Battery Recycling: 697 lb. of batteries were recycled.

Sanitation

HHW Mobile Collection Event: LASAN partners with and promotes the LA County HHW events in addition to having its seven permanent S.A.F.E Centers. In 2017, LASAN held 2 HHW Events, with a total participation of 751 cars dropping off waste. 2.39 tons of oil and 22 tons HHW.

Used Oil Collection Event: In 2017, LASAN held 19 collection events (3 used oil only, 10 used oil & electronic waste, 2 used oil & paint, & 4 used oil, paint, and e-waste). There was a total of 12,855 gallons of used oil (48.85 tons) and approximately 7,750 used oil filters (5.81 tons).

Water and Power

Battery Recycling: The LADWP collects batteries at various locations through the department. House hazardous waste crews and hazardous waste contractors collect batteries upon request from the generators. Materials such as lead acid vehicle, station batteries, nickel cadmium, and nickel metal hydride are collected. Hazardous Waste Field Guide is available for further information.

LYNWOOD: The City and its hauler, WR, promoted numerous County run HHW roundups held in and near City limits. In 2017, 346 households participated in the March roundup. 330 gal oil, 96 gal antifreeze, 2,246 gal paint, 550 lb dry cell batteries, 250 lb oil filters, 300 lb sharps, 1,306 gal misc. HHW, and 34 car batteries were collected at this event. E-waste from this event is included in program 9045-HH-EWA.

MANHATTAN BEACH: When a facility is available, Los Angeles County coordinates an HHW collection event no County collection event was coordinated in 2017.

PALOS VERDES ESTATES: The City participates and promotes the Annual Los Angeles County HHW/E-Waste Collection Event. Also, the City holds an annual environmental expo event with an estimated headcount 150 contacts made.

POMONA: The City participates in the annual Los Angeles County HHWE/e-waste collection events. In addition to LA County, the City holds six events each year and collects use oil and filters.

RANCHO PALOS VERDES: The annual County HHW/E-Waste roundup was held on 4/8; 120 gal. oil, 47.92 gal. antifreeze, 2,696 gal. paint, 1,900 lb. dry cell batteries, 250 lb. oil filters, 700 lb. sharps, 1,779 gal. misc., and 148 car batteries were collected. E-waste totals are reported in program 9045-HH-EWA.

REDONDO BEACH: The City offers two HHW roundups and one also includes a document shred day. The events are promoted using a newspaper ad, a flyer sent to all residents, online targeted ads, and on the webpage. Only residents can attend.

ROSEMead: The Chamber hosted two e-waste events in February and May 2017. A total of 1,011 CEWs were collected totaling 84,896 pounds. Residents may recycle e-waste as part of their bulky item program.

SIERRA MADRE: The City amended its Contract with the hauler and is in the third year of this new opportunity for our residents. Additional publicity may be warranted. County HHW roundups are still used as well.

SOUTH GATE: The City hosted and sponsored an Earth Day/HHW event. Waste Management's Hazardous Waste team, EnviroServ, serviced 150 vehicles in less than three hours and collected 78.67 tons of household hazardous waste. All collected HHW was diverted by EnviroServ. Additionally, Waste Management collected a total of 3.99 tons of hazardous waste and abandoned waste from the City of South Gate Public Works yard. The City also recycled a total of 1.5 tons of latex paint.

TORRANCE: County program for periodic one day HHW/Electronics drop-off. Torrance hosts one event each year in June. City does hold four events each year for used oil/filter exchanges, and two annual events for electronics collection.

Tonnage is listed under other codes.

9020-HH-CSC (Curbside Collection)

Current Status: SO - Selected and Ongoing

Program Start Year: 2003

Existed before 1990: Yes

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	Report Year Diversion Tons: 68.83	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:
 DUARTE: Burrtec offers curbside collection of used oil.
 MANHATTAN BEACH: The City's beloved At Your Door Curbside HHW Collection Program is established for all residents and multifamily customers. The cost is included in the customer's base rate. The pickups are unlimited. In 2017, there were 300 appointments scheduled, and 10.94 tons collected. Of the 10.94 HHW tons collected, 9.22 tons of HHW was recycled.
 POMONA: The City collects 57.03 tons of e-waste through the curbside program.
 RANCHO PALOS VERDES: The City's hauler offers on call curbside used oil/filter, household battery, and e-waste collection. 658 gallons of oil and 67 oil filters were collected in 2017. 119 lb. of batteries were collected from several City facilities. E-waste is reported in program 9045-HH-EWA.
 SIERRA MADRE: The City still uses the LA County programs which continue to be used and appreciated by residents.
 SOUTH GATE: Waste Management provides residents of South Gate with a SHARPS collection program. Customers who are interested in sharps disposal call Waste Management and will be provided with a container they mail to a participating medical hazardous waste facility.

9030-HH-WSE (Waste Exchange)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:
 RANCHO PALOS VERDES: The City continues to promote waste exchange websites like LACoMAX.

9040-HH-EDP (Education Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: CR&R has distributed educational brochures to residents and commercial customers indicating the proper way to dispose of bulky items, e-waste, hazardous waste, and solid waste. Quarterly CR&R newsletters educate residents on recycling programs.

BEVERLY HILLS: The City provides educational materials at various community outreach events, such as Earth Day, Public Works Day and Beverly Hills Night Out. The City also provides information on the City's website.

BRADBURY: As a LARA member, the Regional Agency has partnered with Curiosity Quest videos explaining the green recycling process, what exactly construction and demolition requirements are and how residents can play a role in preventing trash from entering the storm drains. Curiosity Quest is an educational program series that explores what viewers are curious about. These videos are shown on public television stations in the City by such providers as KCET, KOCE, KLCS, and KVCR, the local PBS affiliates serving the Bradbury area. These programs are also available to cities, for free, that are members of the Los Angeles Regional Agency (LARA).

DOWNEY: LA County advertises HHW programs and has an HHW Hotline. The County takes lead in providing education. The City advertises events through flyers and press releases. Educational material is available on city and county websites. Program includes advertising through community events, partnerships to provide materials, press release of oil centers, and newspaper ads. Outreach ads for Hazmobiles, and Educational materials are readily available on city and LA County Sanitation District websites. Advertising as well as on all social media at the City.

DUARTE: City and hauler sponsored booths, items and other promotional opportunities are provided at city events, such as Earth Day, City Picnic, Community clean ups, Community Movie Nights, Operation Makeovers, etc. to promote the HHW roundups. City and hauler include HHW roundup flyers in local city newsletters, newspapers ads, twitter, electronic sign and website.

HERMOSA BEACH: The City posts the Ocean Friendly Hermosa Beach program which includes recycling and HHWE educational information on its website. The City continues to publicize and promote County of Los Angeles HHWE collection roundups and events on its website and places brochures on City Hall public counters.

HIDDEN HILLS: All HHW programs are promoted through the City newsletter and local newspaper ads. Additionally, these events are noted in event flyers and educational brochures located at City Hall.

LYNWOOD: The City continues to promote safe disposal and recycling of HHW, and includes an insert in the water bill to promote the HHW roundup that occurs every March and an over street banner promoting the event is prominently displayed, along with event flyers at all public counters. The City's hauler includes HHW information in its brochures, on its website and social media pages, and provides free sharps mail-back containers (limit one every three months).

MANHATTAN BEACH: City distributed At Your Door bill inserts at city facilities. City website HHW section includes information on the no copay SHARPS mail back program and pharmaceutical drop-off container. HHW information is also included in hauler ads, flyers, brochures, and At Your Door banner that is hung over major cross streets.

PALOS VERDES ESTATES: All HHW programs are promoted through newspaper ads prior to each event, event schedule flyers and educational outreach brochures. Franchise hauler also advertises events in quarterly newsletter.

POMONA: The City promotes Los Angeles County HHW hotline, and the City provides education and outreach at City Hall counters, events, newsletters, flyers, and brochures.

RANCHO PALOS VERDES: All HHW Programs are promoted through newspaper ads prior to each event, community email, social media, event schedule flyers, and educational outreach brochures. Franchise hauler also advertises events in quarterly newsletter.

ROSEMEAD: The City and hauler actively promote all the HHW and e-waste programs. The added a social media component to promote programs on Twitter, Instagram and Facebook.

SIERRA MADRE: The City continues the HHW discussion when cross promoting environmental topics.

SOUTH GATE: The City publicizes all HHW events held in the City of South Gate and surrounding cities to encourage residents to properly dispose of HHW. In 2017, the City updates the information on its website to provide residents with more robust information on recycling, bulky item collection and AB 341 & AB 1826. The City also promotes Waste Management services at their facilities by providing residents with relevant flyers and information.

TORRANCE: Public education on HHW is included in all regular outreach, websites and school programs.

9045-HH-EWA (Electronic Waste)

Current Status: AO - Alternative and Ongoing	Program Start Year: 2003	Existed before 1990: No
	Report Year Diversion Tons: 3441.24	Selected in SRRE: No
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: The City collects e-waste through the cities curbside collection program as well as their two bulky item events hosted annually.

BEVERLY HILLS: The City offers e-waste pickup at the Farmers Market every first Sunday of the month. The City also refers residents to the nearest HHW S.A.F.E. Center and Los Angeles County Sheriff's medical dropbox.

BRADBURY: The City encourages proper disposal of electronic waste by advertising LA County HHW/E-Waste Collection Events and Community Clean Up Events throughout the year. Residents are notified of these events through Burrtec's quarterly newsletter, city's monthly newsletter, and mass email blasts.

HIDDEN HILLS: At the two HHW roundups, 11.58 tons of e-waste were collected.

LOS ANGELES:

Airports (LAX)

E-waste Recycling: E-waste is collected by MSD and placed in the MSD yard for collection by LASAN. Quantities collected for recycling are unknown. Program start date is unknown but it was before 2017 (which is listed here as "Actual Year Program Began").

Harbor Tenant Diversion

Electronic Waste: The 12 tenants were contacted, 9 businesses responded. 2 businesses provided data of e-waste that was recycled. .25 tons

Los Angeles Zoo

Computer Recycling: Salvage unwanted and outdated computers, printers, e-waste.

Sanitation

Electronic Waste Recycling: The City of Los Angeles collects e-waste at its seven permanent S.A.F.E. Centers, HHW & E-Waste Mobile Collection Events, and the Bulky Item Collection Program. A total of 6,445,951 lb. were collected in 2017.

Water and Power

Electronic Recycling: The LADWP has a qualified contractor who loads and transports the e-waste to a certified e-waste recycler. The e-waste accumulated includes computers, CPI, keyboards, mice, monitors, cell phones, other electronics with printed circuit boards. Our IT department collects computers to destroy hard drives, then computers are placed in designated bins. This program is promoted with employee training and a field guide.

LYNWOOD: The City's hauler collected 12.98 tons from residents (695 items) and 6.99 tons from two cleanup events and 0.58 from city operations in 2017. The HHW roundup collected 103 CRTs and 5,000 lb misc. e-waste, totaling 7.14 tons for event.

MANHATTAN BEACH: The City's hauler collects e-waste from the curb on collection day as part of the bulky item program.

PALOS VERDES ESTATES: Electronic waste is collected at City Hall

RANCHO PALOS VERDES: In 2017, the City's hauler collected 17.17 tons of Covered Electronic Devices and 1.11 tons of other e-waste from the bulky item program, plus 6.75 tons from 2 shredding events. 9,135 lb CRTs, and 21,500 lb misc. e-waste (15.32 tons) were collected at the April County HHW/E-Waste Roundup.

ROSEMEAD: No changes, the Chamber hosted two e-waste events in February and May and collected 1011 CEWs.

SOUTH GATE: Waste Management collected and diverted 38.38 tons of e-waste from residential and commercial customers.

TORRANCE: The City hosted several recycling events throughout the year and electronic waste was collected at these events.

9050-HH-OTH (Other HHW)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 113.37	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

BEVERLY HILLS: The City refers residents to the nearest HHW S.A.F.E. Center and Los Angeles County Sheriff's medical dropbox.

BRADBURY: Similar to e-waste, the City encourages proper disposal of HHW by advertising LA County HHW/E-Waste Collection Events and Community Clean Up Events throughout the year. Residents are notified of these events through Burrtec's quarterly newsletter, City's monthly newsletter, and mass email blasts.

DUARTE: During 2017, the City of Duarte participated in the HHW Collection Program, which is conducted through a cooperative partnership between the Los Angeles County Department of Public Works and the LA County Sanitation Districts. The program allowed for residents to properly dispose of HHW and e-waste at convenient locations. SHARPS collection program began in 2010. Residents can request to have containers delivered to them by Burrtec, or containers can be picked up at Burrtec hauling yard. When full, residents can drop off these containers at the Burrtec hauling yard.

HIDDEN HILLS: About 40 pounds of batteries were collected for recycling in 2017.

LOS ANGELES:

General Services

Motor Oil Recycling: Re-refined motor oil is a product category identified in the City's Recycled Products Purchasing Ordinance, 2008. The City continues to use re-refined motor oil in city vehicles and equipment. Total dollars for 2016 is \$774,416.64. Contract 59270.

CFC Recycling: Fleet Services repair facilities recovered and recycled 60 pounds of HFC 134a refrigerant in 2017.

Refrigerant containing CFC's is no longer used in motor vehicle air conditioning systems maintained by Fleet Services.

Harbor Tenant Diversion

Textiles: The 12 tenants were contacted, 9 business responded. 2 businesses provided data for oily rag diversion, 3.15 tons. The oily rags are stored in 55 gallon drums and picked up by Western Environmental and Filter Recycling.

Sanitation

SHARPS Program: The SHARPS program, aside from the S.A.F.E. Centers, currently consists of collection at City of L.A. Senior Citizen Centers (25) locations, Council District 3 field office, and other city facilities such as City Hall East, City Hall South, Van Nuys City Hall, and the Public Works and Figueroa Plaza Buildings. LASAN distributes SHARPS containers at all locations and works to increase awareness of the dangers involved with improper sharps disposal. In 2017 at these (31) locations there were (98 55 gal) drums of sharps collected weighing approximately (7,640 lb.).

Batteries Collection Program: LASAN collects batteries through its seven S.A.F.E Centers, HHW Mobile Events and CESQG Program . In addition, the Bureau of Sanitation has partnered with the following locations for the collection of batteries: participating Jiffy Lubes, B&B hardware, all public libraries, 88 city offices, and 18 LAPD and LAFD facilities.

Estimate: 212,762 lb.

MANHATTAN BEACH: The franchise agreement requires the City's hauler to provide at no charge to each resident upon request 3 postage paid SHARPS by mail kits for proper sharps disposal. There is a free, 24 hour access pharmaceutical drop-off container located in the PD lobby that accepts all waste.

PALOS VERDES ESTATES: Residents may also drop off dry cell batteries and fluorescent light bulbs at the Lunada Bay Hardware store.

POMONA: The City has facilities that collect sharps, batteries, and lights.

RANCHO PALOS VERDES: HHW collected curbside and at HHW roundup events are reported in Programs 9010 and 9020. There are no separate programs for sharps or household batteries.

Mandatory Commercial Recycling (MCR)

This detailed information was entered in the 2030 code noted above in the SRRE and HHWE Diversion Programs.

EDUCATION AND OUTREACH

Note: Regional Agencies should address education and outreach for individual members.

1. Describe education and outreach methods for the reporting year for electronic, print and direct contact, including those done by the jurisdiction and by the hauler(s).

ARTESIA:

Electronic:

- MCR info on hauler and City website.
- Links to CalRecycle and LARA were added to City website.
- Customers set up on e-billing receive "Recycling Today Newsletter" via email.
- Recycling information is available on the City's social media outlets.

Print:

- Hauler sends out informational brochure every year to all customers.
- Hauler sends out quarterly newsletter "Recycling Today" to all residents with information about hauler recycling programs.
- Proposals are given to customers to outline their services and give info on recycling costs.
- Recycling flyers are available at City Hall.

Direct contact:

- Over 300 site visits/waste audits were performed by CR&R to inform customers of the right recycling program for their waste stream.
- New customers are visited and given a proposal within 2 weeks of starting service.

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- City distributed MCR info at city events.

BEVERLY HILLS:

Electronic:

- City website and LARA link.

Print:

- Flyers and brochures.

Direct Contact:

- City staff and hauler field reps informs new customers when they sign up for service and through community outreach events such as, Earth Day, Public Works Day, and National Night Out.

BRADBURY: N/A

DOWNEY:

Electronic:

- MCR information is on City P.W. "Think Green" page and on franchise hauler (CalMet) website.

- The City links to franchise hauler and hauler links to City "Think Green" page.

- Information is on City monitor and social media sites promoting HHW and upcoming Shredding and mulch events.

Print:

- MCR flyers available at City P.W. counter HHW, "Safe Drug Drop-Off" sheriff station sites, paint care, used oil recycling centers, franchise hauler information for bulky items, e-waste, and CRV buy back centers.

- Franchise hauler provides information on quarterly newsletter SORT report on AB 341 mandatory recycling and on back of each invoice.

Direct Contact:

- Franchise hauler sent letters to AB 341 customers and conducted 137 waste audits for MCR and MORE.

- MCR and MORE discussed at City Council meeting in March 2017.

DUARTE:

Electronic:

- Burrtec and City website both promote AB 341. City website also has a link to LARA website.

Print:

- Commercial newsletters are sent out regularly.

Direct Contact:

- Chamber and City Council presentations plus on site audits.

HERMOSA BEACH:

Electronic:

- Website: The franchise hauler continues to develop and maintain an interactive webpage providing contact information to customers, the display of holiday schedules, sharps program information, proper HHW disposal procedures and other solid waste information. The City continues to post AB 341 and other solid waste information on its website.

- Twitter: The franchise hauler continues to maintain a Twitter account providing environmental information and local community news. The franchise hauler continues to offer social media consultation to any City-based organization upon request. The City maintains a "Sustainable Hermosa" Twitter feed.

- Link to LARA: The City provides a link on its website to the Los Angeles Regional Agency's (LARA) web page with MCR (AB 341) requirements and information.

Print:

- Instructional "How-To" Packets: The franchise hauler continues to provide an MCR packet to each new commercial and multifamily account and will continue to do so throughout the franchise term. The MCR packet provides a description of available recycling and diversion programs and the effect these programs have on waste reduction.

- Billing Insert: The franchise hauler includes a City-generated MCR, waste reduction and/or recycling insert in commercial billings biannually.

- Informational Flyers: The City has placed MCR informational flyers on the public counters and bulletin boards in the Community Development and Building Departments. The City's solid waste consultant continues to distribute AB 341 informational flyers during business technical assistance site visits to City businesses.

- The franchise hauler included a quarterly newsletter in all invoices to residents and property managers. The newsletters provided property managers and residents with outreach materials tailored to multifamily bin customer service including recycling program guidelines and posters to be placed in laundry rooms and refuse/recycle container enclosures.

- Corrective Action Notice: The franchise hauler developed a corrective action notification form or "red-tag" notice used when a customer sets out inappropriate materials for collection. The notice explains the appropriate manner for disposal of such items.

Direct Contact:

- Liaison: The franchise hauler continues to retrain its staff and individual who routinely visits civic groups, school assemblies and science classes, homeowners' associations, multifamily complexes and businesses. Staff attends town hall type outreach meetings promoting and explaining MCR programs and participating in demonstrations and civic events.

- Community Events: The City and the franchise hauler continue to participate in and promote MCR efforts at community events including Earth Day, Compost giveaways and e-waste and shredding events.

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- Facility Tours: The franchise hauler continues to offer City customers and organizations tours of its recycling and other solid waste facilities upon request. The franchise hauler will distribute an educational MCR brochure printed on recycled paper to tour participants.
- Business Consultations: The franchise hauler will continue to provide initial and ongoing consultation to businesses who request assistance with the development, implementation and continuation of waste reduction and recycling programs. The solid waste consultant continues to provide AB 341, waste reduction, waste prevention and source-separated recycling information during 20 annual business technical assistance site visits.

HIDDEN HILLS:

Electronic:

- The City provides educational outreach via the City's cable channel. The City's website includes a link to Waste Management, GI Rubbish's website, and an electronic copy of the newsletter. Some residents are registered through the City's notification system.

Print:

- The City provides educational outreach via newsletters. The City also provides outreach materials at the annual Fiesta event. The newsletter is mailed to each resident as a separate mailing.

Direct Contact:

- The school already has a program in place. No site visit conducted in 2017.
- Waste Management staff is part of the Recycle Right monthly meetings at the School District Office. The local school always has a representative at every meeting. Discussion include Recycle materials (AB 341), new Food Waste program (AB 1826) and Green Waste issues(AB 1826).

LOS ANGELES:

Electronic:

- City provides AB 341 information on the LA Sanitation website (ongoing).
- City has a dedicated standalone AB 341 website: <http://www.ab341la.org> (ongoing).
- City provides an AB 341 informational flyer in English and Spanish on the LA Sanitation website (ongoing).
- City maintains the Los Angeles Regional Agency (LARA) website including the LARA AB 341 webpage (ongoing).
- City website links to the LARA AB 341 webpage (ongoing).
- City maintains LARA Facebook page and posts AB 341 information (biweekly).
- City sends AB 341 information to LASAN Program Managers including recycLA, Bulky Item, and RMDZ. In the email, the program managers are asked if additional MCR flyers are needed for their counters and for public outreach events (annually).
- recycLA service providers have AB 341 information on their websites (ongoing).
- City recycLA website provides AB 341 information (ongoing).
- Welcome packets that include AB 341 information are available online for download at each of the recycLA hauler's websites (ongoing).
- LA Sanitation maintains social media (Facebook, Twitter, and Instagram) and posts AB 341 information (ongoing).

Print:

- City includes AB 341 flyers in information packet provided to City field staff during site visits to recycLA customers (ongoing).
- City distributes AB 341 flyers in English and Spanish to various City Departments to display on countertops (ongoing).
- Letter notifications went out each month beginning in July 2017 to all businesses prior to the business waste assessments.
- Welcome packets which include AB 341 information were provided to recycLA customers during business waste assessments.
- recycLA truck signs were created to act as "moving billboards" which promoted the new program and recycling
- UWS sent one newsletter with AB 341 info.

Direct Contact:

- City provides AB 341 flyers to all service providers to hand out during site visits to their commercial customers. 60,000 waste assessments were conducted in 2017 (ongoing).
- City RMDZ Zone Administrator provides AB 341 outreach materials during events (ongoing).
- City provides AB 341 information at community events and neighborhood council meetings (ongoing).
- City provides AB 341 information to the LARA Business Awards Program (ongoing).
- City Departments (Building & Safety, Code Enforcement, and Stormwater Divisions) post AB 341 information on bulletin boards and counters (ongoing).
- City field staff conducts site visits and provides education/outreach (ongoing).
- Recycling education/training available to customers by recycLA service providers by request (ongoing).
- Two training sessions were held in Summer 2017: one for field staff and one for recycLA leads.
- recycLA service providers participate in community meetings through council offices, special interest group meetings, and other community outreach events.
- All recycLA haulers provide walk-in office hours in each of the zones for customer questions (ongoing).
- recycLA haulers have additional field staff to conduct additional waste assessments (as needed).

LYNWOOD:

Electronic:

- LARA MCR webpage provided on City's website: <http://lynwood.ca.us/public-works/lynwood-environmental-program/>

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- City posted MCR information and flyers on the City website.
 - Hauler provides MCR information on its website (wasteresources.com/ab341), as well as a copy of the bill insert/flyer (wasteresources.com/docs/Lyn_AB341_AB1826_en.pdf).
 - Hauler posted MCR information on its Facebook and Twitter pages in May 2017.
- Print:
- Article on MCR in Jan. LNP and copy of MCR_MORE flyer in Dec. LNP.
 - Hauler mailed MCR_MORE flyer to all commercial accounts in August 2017.
- Direct Contact:
- Hauler provided waste assessments to businesses in order to customize a plan to reduce waste and increase recycling (as requested).

MANHATTAN BEACH:

Electronic:

- Recycling services offered to businesses is included on the City's website, www.citymb.info. The City also has information about AB 341 on its website: <https://www.citymb.info/departments/public-works/environmental-programs/solid-waste-and-recycling-programs/recycling-information/-fsiteid-1>. The Zoning Review Report that is required as part of a Business License Application requires businesses to acknowledge their AB 341 responsibilities: <https://www.citymb.info/home/showdocument?id=26865>.
- Website also includes information on the city's polystyrene ban, smoking in public places ban, and plastic bag ban (reusable bag program) in its Going Green section: <http://www.citymb.info/city-services/going-green>. The commercial ban - polystyrene food containers and cups/lids/straws cannot be used with plastic #6. Polystyrene products also cannot be sold in Manhattan Beach supermarkets.
- Waste Management is required to have a website just for City of Manhattan Beach residents. Information regarding the AB 341 requirements are located on that website (manhattanbeach.wm.com).
- In the fall, Waste Management created a 4-page brochure which provided in depth information on services available to commercial customers. This brochure was then uploaded onto Manhattan Beach's WM website.
- The Winter 2017 newsletter, which provided thorough information on AB 1826 and AB 341, was also uploaded onto Manhattan Beach's Waste Management website.

Print:

- The City's Manhappenings book that is circulated to all residents in the city 4 times each year. There is a "green corner" which focuses on the city's environmental programs.
- A Welcome Packet is provided to all new customers, which includes information about AB 341 and AB 1826. Back to School letters, Fall semester and Winter Break School letters were sent to each school in Manhattan Beach offering recycling services and outreach.
- City and Waste Management worked with Girl Scout Hannah Bergin to design a "Recycle Right" bill insert to be distributed to all Manhattan Beach customers through Utility Bills in spring 2017.

Direct Contact:

- City speaks with businesses who move in and need to establish a refuse account (billing is handled by city), encouraging them to participate in recycling.
- Waste Management visited commercial business in Manhattan Beach throughout the year to perform outreach, and help onboard businesses with recycling and food waste recycling.
- Commercial Services At-A-Glance large bill insert on heavy stock paper was created and distributed at City facilities and to businesses on site visits. Includes information on key services, including AB 341, AB 1826 and the Green Business Program.
- Waste Management is required to spend 400 hours on multifamily (MF) outreach on recycling and program services. In 2017, hauler spent 452 hours on MF recycling outreach. The hauler is also required to spend 600 hours performing commercial recycling outreach, and in 2016 performed 600 hours of commercial outreach. These hours for MF and Commercial included outreach for AB 341 and AB 1826. Hundreds of visits were made to commercial businesses in 2017 which included printed outreach material given to each of the visited businesses about how to recycle often and recycle right. Activity logs are kept by the hauler and submitted to the city monthly.
- Waste Management met with businesses to continue implementing the Waste Management Total Recycling Program (WMTRP). WMTRP is a turnkey program for businesses that included flyers, setting up recycling stations, coach business managers, training employees, and setting up internal and external containers. Waste Management conducted outreach to commercial businesses and multifamily complexes to inform them of available services. WM performed site visits, trainings, waste audits, and worked towards setting up recycling programs, at facilities that did not have a recycling program in place. AB 341 handouts were distributed to each business during those visits.
- School Zero Waste Outreach Program: WM is required to spend 500 hours on School outreach on recycling and Zero Waste programs; in 2017 Waste Management spent 503 hours on School recycling and Zero Waste outreach, WM staff worked with schools to conduct recycling assemblies and with Grades of Green to continue implementing food waste diversion programs at MBMS, Pacific, Pennekamp, Robinson, Meadows and American Martyrs.
- Waste Management also provided CORe facility tour to community members (commercial and residents) in November. Waste Management also distributed 436 Go Green Lunch Box Kits to every incoming first grader in MBUSD to promote "trash free" lunches at an early stage. Waste Management also met with several sustainability groups and key school Administration who oversee sustainable practices in the school district to plan and execute additional plans for increased recycling throughout challenging areas of the district like the High School and the Middle School. The City paid for 9 new 3-stream units for the Mira Costa High School common areas (trash, recycling, food waste).
- Green Business Certification Program – this program certifies local businesses, as they are required to make several long-

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term business practice changes to conserve resources, reduce waste and recycle. Six businesses were certified through the program in 2017 and honored by the City Council on stage at the City's Earth Day event. Participating in the city's food waste program is especially advantageous for the food service establishments.

- City hosts 3 free composting classes throughout the year for all community members, which also includes instructions on the City's curbside recycling and food waste program.

PALOS VERDES ESTATES:

Electronic:

- City provided MCR information on the City website (ongoing).
- City posted MCR brochures on the City website (ongoing).
- Commercial haulers provided MCR information on haulers website (ongoing).

Print:

- The residential franchise hauler mailed MCR flyers to commercial businesses they service (annually).

Direct Contact:

- City consultant conducted site visits to business owners to provide MCR information (ongoing). During this reporting period, City began developing both a mandatory commercial/multifamily/organics recycling ordinance and a C&D ordinance. City also issued 5-year letter of intent for franchise hauler. City sent compliance letters related to AB 341/1826 to all businesses and multifamily property owners/property management companies stating the mandatory requirements of all businesses and multifamily properties within the City of PVE.
- Consultant conducted approximately 7 site visits.

POMONA:

Electronic:

- Provides MCR information on the City website.
- City has MCR information on its website linked to the commercial haulers in the City.
- City web pages link to the LARA webpage.
- The Los Angeles Regional Agency, (LARA), has a web page promoting all of its member cities along with their events, accomplishments and other items within the cities. The site also has a description of AB 341 along with a link to all of the member cities web sites.
- The haulers have a dedicated webpage for all multifamily residents and commercial businesses in the city explaining that businesses that generate 4 or more cubic yards of waste per week and that multifamily of 5 or more units must comply and how to comply with the new law AB 341.
- All of the 4 non-exclusive commercial haulers continue to provide newsletters and MCR information on their respective website and social media site.

Print:

- Hauler C provides printed message on all invoices reminding customers on recycling laws, and flyers are inserted with billing invoice (biannually).
- The 4 non-exclusive franchise haulers send out quarterly newsletters and flyers to all commercial and multifamily accounts (quarterly).
- Recycling decals have been placed on all commercial recycling bins by the haulers.
- Hauler C and D sends out quarterly newsletters (quarterly).
- Hauler B sends out newsletters and flyers to all commercial and multifamily customers (quarterly).
- Hauler A and B sends out an outreach newsletter to all commercial and multifamily customers (biannually).

Direct Contact:

- The commercial haulers will continue to contact property owners and or managers of the commercial businesses and the multifamily complexes with five units or more generating 4 cubic yards or more per week of solid waste providing information on the new MCR regulations and what is necessary to achieve compliance (ongoing).
- The Haulers A and hauler B continue to provide property owners/managers with MCR information on environmental benefits, information of mixed waste processing and how to achieve compliance (ongoing and quarterly).
- Hauler D visited 103 locations focusing on the larger generators.
- The haulers continue to meet with the community through neighborhood watch meetings, workshops, and business groups such as the Chamber of Commerce promoting a cleaner community, providing MCR and recycling information (ongoing).
- Hauler A and hauler B continue to meet with the top ten percent generators of waste in the commercial business and multifamily sector to discuss AB 341 and implement recycling and compliance.
- Hauler C Account managers in charge of large accounts in the city, conduct site visits to inform customers about AB 341 mandatory recycling.

RANCHO PALOS VERDES:

Electronic:

- The City has developed educational materials that are available on the City's website to disseminate to businesses in order to raise awareness of AB 341 requirements and to encourage businesses to recycle.
- The City sends emails with recycling tips and reminders about recycling events.
- The City and all permitted haulers include AB 341 information on their websites.
- The City updates social media with recycling opportunities.
- Links to LARA, CalRecycle, and AB 341 information are at <http://rpvca.gov/327/Recycling-Programs> and <http://rpvca.gov/811/Business-Recycling>.

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Print:

- The City published a Press Release in early 2017 regarding AB 341.
- Letters to comply were sent from the City to non-compliant commercial accounts in 2017.
- City sent mailer to businesses reminding them of their responsibilities to comply with mandated recycling.
- The City and its haulers publish newsletters that include recycling information.
- The City runs ads to promote recycling events, used oil centers, and HHW roundups.
- The annual business license renewal packet includes information about MCR.

Direct Contact:

- The City provides recycling information at all community events.
- Waste assessments are completed as requested.

REDONDO BEACH:

Electronic:

- City provided a link to the LARA website and LARA AB 341 webpage on the City's website (ongoing).
- City provided MCR information on the City's News Details webpage.
- City provided MCR information on the Public Works Commercial Recycling Program webpage (ongoing).
- City provided MCR information in the electronic newsletter (eZine).
- Hauler provided AB 341 information on their website (ongoing).
- Hauler provided commercial and multifamily guides with MCR information electronically on the hauler website (ongoing).
- City posted MCR information and Redondo Beach compost events on Twitter.

Print:

- Hauler mailed out commercial and multifamily guides with MCR information to all customers (annually).
- Hauler provided MCR information in billing inserts (annually).
- Mandatory Commercial Recycling information provided in Chamber of Commerce Directory (ongoing).

Direct Contact:

- Hauler participated in City events and provide MCR information at booths (ongoing).
- Hauler conducted site visits and waste assessments to right size a business and provide MCR information (as needed).
- Hauler met with community members and business organizations to discuss MCR information (as needed).
- Hauler conducted presentation including MCR info to Leadership Redondo (annually).

ROSEMEAD:

Electronic:

- The City's website is linked to the haulers website, Republic Services website includes the quarterly newsletters. City updated their website to add all programs (Organics) and services. Proactive in using Twitter, Instagram and Facebook.

Print:

- Quarterly newsletters are mailed to all multifamily and commercial accounts. All received a new All In One Recycling and C&D Trifold as well.
- The hauler includes an AB 341 billing message on invoices regarding AB 341 & AB 1826.

Direct Contact:

- City-wide audits, chamber meetings, community events, Kiwanis, school district events.
- In May 2017 Republic Services completed a comprehensive audit of a total of 526 business and 13 large multifamily complexes were visited. MCR education and training was offered.

SIERRA MADRE:

Electronic:

- Dedicated webpage for all residents and businesses in the city web site explaining AB 341 and the requirements of complying with the law (ongoing).
- Include MCR information in city's electronic newsletter (E-blast) for MCR outreach. E-mailers are sent out weekly and in advance special events. Include MCR information on local cable station.
- Franchise hauler has dedicated web page explaining AB 341 and its requirements of complying with the law. Franchise hauler will link back to city (ongoing).
- As a member of LARA, LARA has dedicated web page explaining AB 341 and its requirements of complying with the law and links to all of its member cities (ongoing).

Print:

- MCR information in business license renewals (ongoing).
- Franchise hauler includes flyer to chamber of commerce and at events (ongoing).
- Hauler provides print material on MCR. MCR flyers are available at City Hall (ongoing).

Direct Contact:

- City contracted 38 commercial entities with site visits regarding their FOG (fats, oil, grease) requirements and discussed MCR requirements (annually).
- Hauler attends city events and shares information about law and how to recycle at events (ongoing).

SOUTH GATE:

Electronic:

- In 2017, the City of South Gate updated its website with Assembly Bill 341 & 1826 information to businesses.
- Waste Management has a dedicated website for South Gate with AB 341 and 1826 information.

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- The City of South Gate website also links to the CalRecycle and LARA website.
- Waste Management provides MCR-MORE information through Twitter, Facebook, and YouTube.

Print:

- Waste Management also provided the South Gate Chamber of Commerce with information on both mandates to share with members from the local community.
- Waste Management sent mailers to all targeted businesses about both Assembly Bill 341 & 1826.
- Waste Management has also begun working with the City of South Gate to develop Assembly Bill 341 & 1826 Spanish flyers.
- The City has AB 341 and AB 1826 flyers at City Hall and Public Works Yard.

Direct Contact:

- Every year, Waste Management and the City share Assembly Bill 341 & 1826 information at community events.
- Each commercial customer was given the contact information for the designated Waste Management Representative to discuss trash, recycling and organic services.
- Waste Management's South Gate Representative called, emailed and visited a majority of accounts to discuss the addition of recycling services.
- Waste Management conducted waste audits to better understand each commercial customers' recycling and organics needs.

TORRANCE:

Electronic:

- City to provide MCR information on the City website (ongoing).
- City to provide a link to CalRecycle's MCR webpage on the City's website (ongoing).
- Haulers (top 5) to provide MCR information on their websites (ongoing).
- Haulers to post MCR information through Social Media.

Print:

- City to provide MCR information with business license renewals (annually).
- City to provide MCR brochures as handouts at City Counters (ongoing).
- Haulers develop their own MCR education materials to mail to their own commercial customers (frequency varies by hauler).

Direct Contact:

- City to provide MCR brochures at City events (ongoing).
- Hauler to provide MCR information during site visits (frequency varies by hauler).

2. If applicable, please describe any challenges encountered in implementing education and outreach for the jurisdiction's commercial recycling program. If not applicable, enter N/A.

ARTESIA: N/A

BRADBURY: N/A

DOWNEY: N/A

DUARTE: N/A

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: N/A

LYNWOOD: N/A

MANHATTAN BEACH: Challenges mostly include staff turnover in businesses, and some managers are more committed to the program than others.

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH:

ROSEMEAD: Language is a major issue. With the organics program, we are constantly retraining staff.

SIERRA MADRE: N/A

SOUTH GATE: N/A

TORRANCE: N/A

MONITORING

Note:

- **Regional Agencies should use the text boxes to list the totals in each field for individual members.**
- **Reporting Jurisdictions that cannot separate businesses and multifamily data should provide an explanation in the applicable text box.**
- **Reporting Jurisdictions that have an unknown number for any of the numeric fields must input a '0' into the data field and provide an explanation in the corresponding box below.**

1. Total number of covered businesses: 22868

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Explanation: ARTESIA: 130
BEVERLY HILLS: 413
BRADBURY: N/A
DOWNEY: 539
DUARTE: 198
HERMOSA BEACH: 139
HIDDEN HILLS: 0
LOS ANGELES: 18,138
LYNWOOD: 214
MANHATTAN BEACH: 249
PALOS VERDES ESTATES: 32
POMONA: 796
RANCHO PALOS VERDES: 68
REDONDO BEACH: 251
ROSEMEAD: 219
SIERRA MADRE: 40
SOUTH GATE: 356
TORRANCE: 1086

2. Total number of covered businesses not recycling: 4149

Explanation: ARTESIA: 0
BEVERLY HILLS: 0
BRADBURY: N/A
DOWNEY: 73
DUARTE: 58
HERMOSA BEACH: 0
HIDDEN HILLS: 0
LOS ANGELES: 2,833
LYNWOOD: 0
MANHATTAN BEACH: 10
PALOS VERDES ESTATES: 10
POMONA: 455
RANCHO PALOS VERDES: 32
REDONDO BEACH: 0
ROSEMEAD: 66
SIERRA MADRE: 0
SOUTH GATE: 293
TORRANCE: 583

3. Total number of covered multifamily complexes: 21919

Explanation: ARTESIA: 32
BEVERLY HILLS: 975
BRADBURY: N/A
DOWNEY: 675
DUARTE: 80
HERMOSA BEACH: 51
HIDDEN HILLS: 0
LOS ANGELES: 17,847
LYNWOOD: 295
MANHATTAN BEACH: 52
PALOS VERDES ESTATES: 12
POMONA: 124
RANCHO PALOS VERDES: 39
REDONDO BEACH: 785
ROSEMEAD: 244
SIERRA MADRE: 27
SOUTH GATE: 186
TORRANCE: 495

4. Total number of covered multifamily complexes not recycling: 2788

Explanation:

ARTESIA: 0
BEVERLY HILLS: 0
BRADBURY: N/A
DOWNEY: 149
DUARTE: 18
HERMOSA BEACH: 0
HIDDEN HILLS: 0
LOS ANGELES: 1,989
LYNWOOD: 0
MANHATTAN BEACH: 0
PALOS VERDES ESTATES: 8
POMONA: 57
RANCHO PALOS VERDES: 0
REDONDO BEACH: 0
ROSEMEAD: 65
SIERRA MADRE: 0
SOUTH GATE: 175
TORRANCE: 327

5. What was done to inform those not recycling about the law and how to recycle? If the jurisdiction has an enforcement program for the Mandatory Commercial Recycling program then please provide information about what enforcement was conducted.

ARTESIA: Hauler visits customers that are not compliant with the law and gives proposals for recycling services. Hauler sends out service guides to commercial and multifamily customers informing them of the law.

BEVERLY HILLS: All businesses and multifamily properties material is recycled at Crown Recycling Services (MRF) in Sun Valley.

BRADBURY: N/A

DOWNEY: Franchise hauler sent letters to all generators subject to AB 341 letting them know about the mandatory AB 341. There is no enforcement program for mandatory recycling.

DUARTE: Commercial newsletters, direct mailings, Chamber and City Council presentations, audits, Burrtec and City website.

HERMOSA BEACH: All commercial and multifamily accounts remain in compliance with AB 341 through the franchise hauler's mixed waste processing system.

HIDDEN HILLS: N/A

LOS ANGELES: All customer sites were visited, in some cases multiple times, and given a waste assessment that identified how much recycling at customer sites would be needed. This is the first time that the City of Los Angeles has had every customer site visited, and encouraged to accept blue bins for recycling. recycLA service providers are now going through their customers to continue to 'right size' and place blue bins where appropriate and needed.

LYNWOOD: To the extent that recyclables are in a mixed waste load, the hauler provides mixed waste processing to all commercial customers. In 2018, wet/dry route optimization will be completed to further enhance recycling rates. Hauler provides waste assessments upon request. About 50 were done in 2017 by the hauler.

MANHATTAN BEACH: Worked with hauler to schedule additional site visits. Reported to Public Works Director the number of businesses participating/not participating. Also, the City requires as part of its Business License Application a "Zoning Review Report" which lists major environmental responsibilities the business must take on. AB 341 and AB 1826 are included as part of this form/acknowledgement that require the business owner's signature. The form can be viewed at: <https://www.citymb.info/home/showdocument?id=26865>.

PALOS VERDES ESTATES: During this reporting period, City passed both a mandatory commercial/multifamily/organics recycling ordinance and a C&D ordinance. City also issued 5 year letter of intent for franchise hauler. City sent compliance letters related to AB 341/1826 to all businesses and multifamily property owners/property management companies stating the mandatory requirements of all businesses and multifamily properties within the City of PVE.

POMONA:

-Hauler A: Customers concerned with space limitations for additional bins and also with additional costs. Some customers do not want to take the time/effort to source separate recyclables.

-Hauler B: Hauler mailed 236 notices of non-compliance to qualified commercial and multifamily dwellings in 2017. Hauler completed 109 waste assessments in 2017. In 2018, Hauler will continue to coordinate with the City to distribute non-compliance letters to MCR affected entities that are not compliant. Affected businesses and multifamily dwellings that opt not to participate will be asked to complete a declination statement.

-Hauler C: PDF flyers as well as state legislation sent via email to customers. Print: Customers without an email address were sent printed educational material.

Direct Contact: Account Managers visited customer locations and performed site assessments to develop recycling program recommendations and to educate customers about the law. Telephone calls were placed to customers directly to educate about the law and offer waste audit.

-Hauler D: Continues to provide customers with recycling information.

RANCHO PALOS VERDES: Letters were sent from the City to non-compliant accounts with a self-haul form. Some customers provided non-hauler recycling information and others have contacted their hauler to establish service.

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REDONDO BEACH: A brochure is mailed annually to all businesses with AB 341 information. The hauler provides mixed-waste processing for all of its residential and commercial customers, therefore all of the businesses and multifamily subject to MCR are in compliance with AB 341.

ROSEMEAD: In May 2017, Republic Services completed a comprehensive Citywide Commercial audit. All business and top multifamily complexes received the All In One Recycling and C&D Trifold. Currently there are 20 commercial and industrial businesses with recycling bins. The balance of the businesses have very active self haul and 3rd Party recycling program. 83 self-haul accounts and 229 3rd party accounts.

SIERRA MADRE: All commercial accounts are recycling through mixed waste processing.

SOUTH GATE: Every year, Waste Management and the City share Assembly Bill 341 & 1826 information at community events. In 2017, the City of South Gate updated its website with Assembly Bill 341 & 1826 information to businesses. The City of South Gate website also links to the CalRecycle and LARA website. Additionally, Waste Management launched a City specific Residential and Commercial website where more information on both mandates can be found. Waste Management also provided the South Gate Chamber of Commerce with information on both mandates to share with members from the local community. In regards to mailers, Waste Management sent a mailer to all targeted businesses about both Assembly Bill 341 & 1826. Each commercial customer was given the contact information for the designated Waste Management Representative to discuss trash, recycling and organic services. Waste Management's South Gate Representative called, emailed and visited a majority of accounts to discuss the addition of recycling services. During the site visit, a waste audit was conducted to better understand each commercial customers' recycling and organics needs. The City of South Gate continues its enforcement mechanism by fining commercial customers who are not in compliance with Assembly Bill 341. Moving forward, the City would like to continue to strengthen the current ordinance to encourage recycling participation. The funds that are collected from the monthly fines are used for public education efforts. In 2018, the City and Waste Management are visiting ways to tap into the public education fund and use social media targeted ads to boost recycling participation and diversion efforts. Waste Management also provided their Think Green Grant to the Community Health Action Team for public education efforts in the community. Funds were used by the organization to host an environmental educational forum for the community where recycling information was shared with residents and commercial customers. The City also sent a letter to all customers who identified having 3rd party recycling. The letter requested them to confirm their tonnage by providing weight tickets broken down by commodity. In 2018, the City and Waste Management will continue to request information from businesses to help verify the tonnage reported to CalRecycle. Waste Management has also begun working with the City of South Gate to develop Assembly Bill 341 & 1826 Spanish flyers.

TORRANCE: Haulers have reached out to the non-compliant customers and provided information regarding AB 341. Haulers will revisit the non-compliant accounts.

6. If applicable, please describe any challenges encountered in implementing monitoring related to the jurisdiction's commercial recycling program. If not applicable, enter N/A.

ARTESIA: Customers often do not want to pay for extra services, some business have limited space for additional containers.

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: Space constraints often restrain multifamily properties.

DUARTE: N/A

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: Transition for recycLA began in July 2017 and was completed in January 2018. These numbers reflect the best data available at this time. recycLA service providers (RSPs) continue to right size customers and encourage recycling.

LYNWOOD: N/A

MANHATTAN BEACH: Monitoring is always an issue with scavenging happening. It makes it difficult to track the success/failure of the businesses.

PALOS VERDES ESTATES: During this reporting period, City passed both a mandatory commercial/multifamily/organics recycling ordinance and a C&D ordinance. City also issued 5 year letter of intent for franchise hauler. City sent compliance letters related to AB 341/1826 to all businesses and multifamily property owners/property mgt companies stating the mandatory requirements of all businesses and multifamily properties within the City of PVE.

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: Language is a major issue. For the multifamily complexes, staff connected with only a few managers.

SIERRA MADRE: Athens has a mixed waste processing system where all solid waste is processed at their MRF so there are no practical barriers to recycling in the City.

SOUTH GATE: One major obstacle in adding recycling services in the City of South Gate is spacing issues. Many businesses do not have the physical capabilities of adding an additional bin.

TORRANCE: N/A

7. Provide the amount of recyclable material that is being diverted by covered businesses/multifamily complexes:

147430 Tons

If this tonnage information is not available, please enter 0 and explain why:

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Explanation: ARTESIA: 2,308.70.89

BEVERLY HILLS: 2,091.53 - Tonnage represents material from commercial businesses and multifamily properties serviced by franchise hauler. It excludes food waste route and multifamily service by the City of Beverly Hills.

BRADBURY: N/A

DOWNEY: 11,186.00

DUARTE: 303.05

HERMOSA BEACH: 4,683

HIDDEN HILLS: 254.60

LOS ANGELES: 13,758.07 - Tonnage does not include recyclA data. Hauler reporting for recyclA will begin in January 2018.

LYNWOOD: 3,399.19

MANHATTAN BEACH: 1,815.31

PALOS VERDES ESTATES: 1,958.74

POMONA: 1,544.42

RANCHO PALOS VERDES: 57.01

REDONDO BEACH: 13,885.83

ROSEMEAD: 9,000

SIERRA MADRE: 997.35

SOUTH GATE: 45,707.65

TORRANCE: 33,377.0

Mandatory Commercial Organics Recycling (MORe)

- Detailed information for Education and Outreach, and Monitoring, may have been entered in the 3035 code noted above in the SRRE and HHWE Diversion Programs.
- A Rural City, County, or Regional Agency with an exemption per [AB 1826 Exemptions](#), completion of each of the Mandatory Commercial Organics Recycling (MORe) questions is optional.
- A Rural County/Regional Agency, is required to answer the first 2 questions on the 'Infrastructure and Barriers' tab Per [AB 876 \(McCarty, Chapter 593, Statutes of 2015\)](#).

IDENTIFICATION OF COVERED BUSINESSES/MULTIFAMILY COMPLEXES

1. Please describe the methodology used to identify covered businesses and multifamily complexes.

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ARTESIA: CalRecycle Employee count tool. Customers were visited and/or called to determine their employee count or number of units for multifamily. That number was used to determine whether or not they met the threshold of AB 1826.

BEVERLY HILLS: For commercial businesses, business type and service level was used. For multifamily, unit count and generation volume used.

BRADBURY: N/A

DOWNEY: The methodology used is businesses and multifamily that generate 4 cubic yards of solid waste are subject to AB 1826.

DUARTE: Account thresholds are determined using CalRecycle's approved service level disposal based approach.

HERMOSA BEACH: Franchise hauler continues to collect data using commercial account service levels and site visits.

HIDDEN HILLS: N/A

LOS ANGELES: City is unable to assess amount of organic waste generation. City used black bin service level meeting 4 cubic yards of solid waste weekly.

LYNWOOD: Covered accounts were derived through a combination of business license review using CalRecycle's tool and hauler LOS estimation (30% of commercial LOS and 20% of 5+MF LOS).

MANHATTAN BEACH: Waste Management uses the attached CalRecycle tool to determine the service level per week for commercial businesses. For multifamily, WM calculates the total yards per week times .25% to get the adjusted yards per week. Please see attached.

PALOS VERDES ESTATES: Hauler account info, City business license data.

POMONA: Identified businesses and multifamily complexes that may produce organics waste thresholds using the CalRecycle Generator ID Tool and conducting waste assessments on site. Hauler C and D sales representatives have identified potential accounts primarily restaurant/food manufacturing businesses for targeted audits to identify businesses that currently produce 4 cubic yards (as of Jan. 2017) of organics to offer an organic cart collection service. We have also used the CalRecycle tool to categorize commercial businesses and create a Tier 1/Tier 2 AB 1826 target list.

RANCHO PALOS VERDES: The haulers provided their numbers on compliance.

REDONDO BEACH: Site visits are conducted by Athens Representatives to provide level of service information that is used to estimate organics generation.

ROSEMEAD: To prepare for AB 1826, audits were completed in 2013, 2015, and 2017.

SIERRA MADRE: Data was collected by hauler accounts and site visits.

SOUTH GATE: Waste Management utilized the CalRecycle service level calculator to determine the service level per week for commercial businesses. For multifamily complexes, Waste Management calculates the total yards per week and multiplies it by .25% to get the adjusted yards per week.

TORRANCE: Hauler surveys.

2. If any of this data is not available, please explain why it is not available and how you are addressing gathering the data and when it will be available?

ARTESIA: N/A

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: N/A

DUARTE: N/A

HERMOSA BEACH: Franchise hauler continues to collect data using commercial account service levels and site visits.

HIDDEN HILLS: N/A

LOS ANGELES: N/A

LYNWOOD: N/A

MANHATTAN BEACH: N/A

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: none

SIERRA MADRE: N/A

SOUTH GATE: N/A

TORRANCE: N/A

EDUCATION AND OUTREACH (all years)

1. Describe education and outreach methods for the reporting year for electronic, print and direct contact, including those done by the jurisdiction and by the hauler(s).

ARTESIA:

Electronic:

- MORE info on hauler and city website. Website links to CalRecycle and LARA are also on the city website.
- Customers set up on e-billing receive "Recycling Today Newsletter" via email.

Print:

- Hauler sends out informational brochure every year to all customers.
- Hauler sends out quarterly newsletter "Recycling Today" to all residents with information about hauler recycling programs.

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- Proposals are given to customers to outline their services and give info on recycling costs.
 - Recycling flyers are available at City Hall.
 - Customers that fall under the threshold of AB 1826 were sent a letter informing them of the law and their options for recycling.
- Direct contact:
- Over 300 site visits/waste audits were performed by CR&R to inform customers of the right recycling program for their waste stream.
 - New customers are visited and given a proposal within 2 weeks of starting service.
 - City distributed MCR info at City events.

BEVERLY HILLS:

Electronic:

- City's website, LARA link.

Print:

- Brochures and flyers.

Direct Contact:

- City staff and hauler field rep informs new customers when they sign up for service.

BRADBURY: N/A

DOWNEY:

Electronic:

- Franchise Hauler sent letters to all 4 cubic yard generators and provided information on the back of invoices. Information is also included in quarterly newsletter S.O.R.T. report.
- Both City ("Think Green" page) and franchise hauler websites link to each other's webpages.

Print:

- The City had an ad in the Chamber of Commerce Directory.
- Information is available at the P.W. counter at City Hall and is on P.W.

Direct Contact:

- Franchise hauler conducted site visits to potential AB 1826 generators.

DUARTE:

Electronic:

- Burrtec and City websites both promote AB 1826. City website also has a link to LARA website.

Print:

- Commercial newsletters are sent out.

Direct Contact:

- Chamber and City Council presentations plus on site audits.

HERMOSA BEACH:

Electronic:

- The City has posted AB 1826 information on its website.
- The franchise hauler has posted AB 1826 information on its website.
- The franchise hauler continues to provide AB 1826 information in its commercial Earth Wise Newsletter quarterly.
- City provides AB 1826 information on its "Sustainable Hermosa" Twitter feed (annually).

Print:

- The franchise hauler distributed an AB 1826 Brochure, an AB 1826 FAQs flyer and an AB 1826 Subscription Form during onsite visits to commercial accounts meeting AB 1826 compliance thresholds.
- The solid waste consultant distributed AB 1826 educational outreach materials including food waste prevention and food recovery and the City's AB 1826 letter during business technical assistance site visits to commercial accounts meeting AB 1826 compliance thresholds.
- City places AB 1826 information on City Counters in the Community Development Department (ongoing).
- The hauler continues to mail AB 1826 flyers, brochures, FAQs and subscription rate sheet to all commercial accounts annually.
- The franchise hauler continues to provide AB 1826 information in its commercial Earth Wise Newsletter quarterly available online and in print.

Direct Contact:

- The franchise hauler continues to attend monthly Chamber of Commerce meetings making AB 1826 presentations to the Chamber upon request.
- The City made an AB 1826 presentation to the Hermosa Beach City School District.
- The franchise hauler distributed an AB 1826 Brochure, an AB 1826 FAQs flyer and an AB 1826 Subscription Form during onsite visits to commercial accounts meeting AB 1826 compliance thresholds.
- The solid waste consultant distributed AB 1826 educational outreach materials including food waste prevention and food recovery and the City's AB 1826 Letter during business technical assistance site visits to commercial accounts meeting AB 1826 compliance threshold.
- The franchise hauler continues to provide organics recycling program implementation options and assistance to

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commercial accounts meeting AB 1826 compliance thresholds during onsite visits.
- The City continues to provide AB 1826 educational materials at community events.

HIDDEN HILLS: N/A

LOS ANGELES:

Electronic:

- City to provide AB 1826 information on the LA Sanitation website (ongoing).
- City to provide AB 1826 information on the LARA website (ongoing).
- City to provide AB 1826 information on the AB 341 website: www.ab341la.org (ongoing).
- City to provide AB 1826 information on LARA social media accounts (ongoing).
- recycLA Website has AB 1826 information including information on food rescue (ongoing).
- recycLA Welcome Packets that include AB 1826 are available for download at each of the hauler's websites (ongoing).
- recycLA service providers' websites have AB 1826 information.
- LA Sanitation maintains social media (Facebook, Twitter, and Instagram) and posts AB 1826 information (ongoing).

Print:

- Welcome packets which include AB 1826 information were provided to recycLA customers during business waste assessments. 60,000 business waste assessments were conducted in 2017.
- Universal Waste Systems sent one newsletter out that includes AB 1826 info.

Direct Contact:

- City to promote AB 1826 at LASAN outreach events (ongoing).
- City to promote AB 1826 through the LA Green Business Certification Program (ongoing).
- LASAN Customer Care Division trained on AB 1826 to answer inquiries received through LASAN Hotline (ongoing).
- Welcome packets which include AB 1826 information were provided to recycLA customers during 60,000 business waste assessments in 2017.
- All recycLA haulers provide walk-in office hours in each of the zones for customer questions (ongoing).
- recycLA haulers have additional field staff to conduct additional waste assessments (as needed).

LYNWOOD:

Electronic:

- MORE information provided on City's website: <http://lynwood.ca.us/public-works/lynwood-environmental-program/>
- Hauler provides MORE information on its website, as well as a copy of the bill insert/flyer: wasteresources.com/ab1826 and wasteresources.com/docs/Lyn_AB341_AB1826_en.pdf.
- The hauler's MORE webpage includes a link to the City's 2016 letter/flyer.
- The hauler's MORE webpage includes a link to LARA's MORE webpage.

Print:

- The hauler sent out a general letter and flyer in 2016 on the City's behalf, but no City letter was sent in 2017.
- Article on MORE in Jan. LNP and copy of MCR_MORE flyer in Dec. LNP.
- Hauler mailed MCR_MORE flyer to all commercial accounts in August 2017.

Direct Contact:

- Due to staffing issues, the City did not participate in site visits to accounts who had expressed an interest in the program in 2016.

MANHATTAN BEACH:

Electronic:

- Spring 2017 Newsletter highlighting AB 1826 program (residential and commercial).
- Food waste specific targeted Facebook ad placed for the 4th Quarter of the year. Viewers were directed to the WM site dedicated to recycling food waste. Included a photo of someone scraping food scraps into a kitchen pail. The ad received almost 200 clicks.

Print:

- AB 1826 handouts distributed during site visits.
- WM Welcome Packet.
- Winter 2017 Residential Recycling Newsletter.
- Winter 2017 Commercial Recycling Guide.
- Waste Management as part of their outreach program created a Food Waste Street Banner that hung over prominent street locations in 3 areas equaling a total of 8 weeks in 2017.
- Commercial Services At-A-Glance large bill insert on heavy stock paper was created and distributed at City facilities and to businesses on site visits. Includes information on key services, including AB 341, AB 1826 and the Green Business Program.

Direct Contact:

- AB 1826 handouts distributed during site visits.
- April 2017 – Waste Management booth at City's Earth Day Event promoted program, AB 341 and AB 1826.
- Waste Management staff performed outreach to commercial businesses and offered training of food waste program (ongoing).
- October 2017 – Provided food waste collection services with signage 2-day Hometown Fair.
- September - November 2017 – City conducted community survey on satisfaction and outreach preferences for solid waste services, including recycling and food waste recycling.

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- November 2017 CORE facility tour.
- City paid for 9 Mira Costa High School 3-stream common area containers (trash, recycling, food waste).

PALOS VERDES ESTATES:

Electronic:

- City provided MORE information on the City website (ongoing).
- Haulers provided MORE information on their websites (ongoing).
- Haulers posted MORE brochures, flyers, and other print materials on their websites (ongoing).

Print:

- City provides printed educational brochures at City Hall counter.

Direct Contact:

- City provided MORE information on the City website (ongoing).
- Consultant performed approximately 7 site visits.

POMONA:

Electronic:

- Provide MORE information on the City website (ongoing).
- Provide MORE information on the Hauler website (ongoing).
- Hauler B and C: More information is available and provided on Hauler's website. Hauler also shares MORE information on Facebook, YouTube videos, and Twitter.
- Hauler D, has AB 1826 information on its website as well as posting on Facebook and Twitter information about reducing food waste and food donation opportunities.
- Hauler A, provides Mandatory Commercial Organics Recycling brochure and FAQs. The brochures and FAQs are on the website and the brochures were handed to customers during the site visits conducted in 2017.
- Hauler C, quarterly emails are sent to MORE customers not recycling with educational materials/flyers regarding AB 1826. Printed message on all invoices reminding customers about recycling laws and who to contact for more info.

Print:

- Hauler A, provides Mandatory Commercial Organics Recycling brochure and FAQs. The brochures and FAQs are on the website and the brochures were handed to customers during the site visits conducted in 2017.
- Hauler C, quarterly emails are sent to MORE customers not recycling with educational materials/flyers regarding AB 1826. WM printed message on all invoices reminding customers about recycling laws and who to contact for more info.
- Hauler B and D, a annually a pamphlet and AB 1826 FAQ sheet is given to identified customers.

Direct Contact:

- Hauler B and D, annually a pamphlet and AB 1826 FAQ sheet is given to identified customers.
- Hauler D, visited potential Tier 1 and Tier 2 organics customers.
- Hauler A, conducted site visits and waste assessments at 26 commercial customer sites in 2017.
- Hauler B, MORE messaging is incorporated into waste audits. Hauler continues to meet with the community and business groups such as the Chamber of Commerce and provide MORE information as needed.

RANCHO PALOS VERDES:

Electronic:

- The City has developed educational materials that are available on the City's website to disseminate to businesses in order to raise awareness of AB 1826 requirements and to encourage businesses to recycle.
- The City sends emails with organics recycling information on a regular basis.
- The City and all permitted haulers include AB 1826 information on their websites.
- The City updates social media with recycling opportunities.

Print:

- The City published a press release in early 2017 regarding AB 1826.
- City sent mailer to businesses reminding them of their responsibilities to comply with mandated recycling.
- The City and its haulers publish newsletters that include organics recycling information.
- The annual business license renewal packet includes information about MORE.

Direct Contact:

- The City provides recycling information at all community events.
- City worked with Consolidated and Waste Management in August to reach out to customers.
- Notified schools in August about organics workshops.
- Visited Loyola Marymount University with CalRecycle to showcase organics program.
- Worked with PVUSD in December on MORE compliance.
- Waste assessments are completed as requested.
- Letters to comply were sent from the City to non-compliant commercial accounts in 2017.

REDONDO BEACH:

Electronic:

- City provided a link to the LARA website and LARA AB 1826 webpage on the City's website (ongoing).
- City provided MORE information on the City's News Details webpage.
- City provided MORE information on the Public Works Commercial Recycling Program webpage (ongoing).
- City provided MORE information in the electronic newsletter (eZine).

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- Hauler provided AB 1826 information on their website (ongoing).
- Hauler provided commercial and multiFamily guides with MORE information electronically on the hauler website (ongoing).
- City posted MORE information and Redondo Beach compost events on Twitter.

Print:

- Hauler mailed out commercial and multifamily guides with MCR information to all customers (annually).
- Hauler provided MORE information in billing inserts (annually).
- Hauler sent letters to all subjected entities notifying them of the law and how to comply.
- Hauler sent follow up print materials including FAQs and letters.
- Mandatory Organics Recycling information provided in Chamber of Commerce Directory (ongoing).

Direct Contact:

- Hauler participated in City events and provided MORE information at booths (ongoing).
- Hauler conducted site visits and waste assessments to right size a business and provide MORE information (as needed).
- Hauler met with community members and business organizations to discuss MORE information (as needed).
- Phone calls were made to entities subject to AB 1826.
- Hauler conducted presentation including MORE info to Leadership Redondo (annually).

ROSEMead:

Electronic:

- Website (City & hauler) and social media.

Print:

- Newsletters (Hauler/Chamber), flyers, and brochures.

Direct Contact:

- City Council Updates, numerous city events, Chamber of Commerce, onsite audits, and school visits.

SIERRA MADRE:

Electronic:

- Includes MORE information on city website. Will link to LARA info (ongoing).
- Hauler includes MORE information on their website (ongoing).

Print:

- Hauler makes MORE flyer available at city hall and community centers (ongoing).
- Hauler mails out flyer with MORE information yearly (annually).

Direct Contact:

- Hauler provided waste audits and included MORE information (ongoing).
- MORE information provided during large city events such as compost event (ongoing).
- MORE information and flyers given out at Mt. Wilson Trail Race (annually).
- Onsite waste assessments were conducted in late and will be ongoing in 2018.

SOUTH GATE:

Electronic:

- In 2017, the City of South Gate updated its website with Assembly Bill 341 & 1826 information to businesses.
- Waste Management has a dedicated website for South Gate with AB 341 and 1826 information.
- The City of South Gate website also links to the CalRecycle and LARA website.
- Waste Management provides MCR-MORE information through Twitter, Facebook, and YouTube.

Print:

- Waste Management also provided the South Gate Chamber of Commerce with information on both mandates to share with members from the local community.
- Waste Management sent mailers to all targeted businesses about both Assembly Bill 341 & 1826.
- Waste Management has also begun working with the City of South Gate to develop Assembly Bill 341 & 1826 Spanish flyers.
- The City has AB 341 and AB 1826 flyers at City Hall and Public Works Yard.

Direct Contact:

- Every year, Waste Management and the City share Assembly Bill 341 & 1826 information at community events.
- Each commercial customer was given the contact information for the designated Waste Management Representative to discuss trash, recycling and organic services.
- Waste Management's South Gate Representative called, emailed and visited a majority of accounts to discuss the addition of recycling services.
- Waste Management conducted waste audits to better understand each commercial customers' recycling and organics needs.

TORRANCE:

Electronic:

- City to provide MORE information on the City website (ongoing).
- City to provide a link to CalRecycle's MORE webpage on the City's website (ongoing).
- Haulers (top 5) to provide MORE information on their website (ongoing).
- Hauler to post MCR information through Social Media (frequency varies by hauler).

Print:

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- City to provide MORE information with business license renewals (annually).
- City to provide MORE brochures as handouts at City Counters (ongoing).
- City to request MORE information from all permitted haulers through AB 341/AB 1826 survey (annually).
- Haulers develops their own MORE education materials to mail to their own commercial customers (frequency varies by hauler).

Direct Contact:

- City to provide MORE brochures at City events (ongoing).
- City to provide MORE information to customers that call in (as needed).
- Haulers to provide MORE information during site visits (as requested).

2. If applicable, please describe any challenges encountered in implementing education and outreach for the jurisdiction's organic recycling program. If not applicable, enter N/A.

ARTESIA: N/A

BEVERLY HILLS: Mailing outreach to multifamily is a challenge when the only mailing contact is the property owner. Also, multifamily service by residential carts are shared community containers unable to accurately measure the volume from each property.

BRADBURY: N/A

DOWNEY: N/A

DUARTE: N/A

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: N/A

LYNWOOD: N/A

MANHATTAN BEACH: Constant kitchen staff change always presents a problem. We get some managers that are more committed to the program than others. Also, spatial issues in our Downtown area requires some of the food service establishments be very creative with their food waste collection set up.

PALOS VERDES ESTATES: During this reporting period, City began developing a mandatory commercial/multifamily/organics recycling ordinance and a C&D ordinance to be adopted in 2018. City also issued 5 year letter of intent for franchise hauler.

POMONA: Mainly cost prohibitive issues, space constraints required for Organic bins, increase in labor costs for source separating this waste.

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: Languages and change over in business staffing.

SIERRA MADRE: N/A

SOUTH GATE: N/A

TORRANCE: N/A

MONITORING

Note:

- **Regional Agencies should use the text boxes to list the totals in each field for individual members.**
- **Reporting Jurisdictions that cannot separate businesses and multifamily data should provide an explanation in the applicable text box.**
- **Reporting Jurisdictions that have an unknown number for any of the numeric fields must input a '0' into the data field and provide an explanation in the corresponding box below.**

1. Total number of covered businesses: 18829

Explanation:

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ARTESIA: 10
BEVERLY HILLS: 121
BRADBURY: N/A
DOWNEY: 18
DUARTE: 44
HERMOSA BEACH: 10
HIDDEN HILLS: 0
LOS ANGELES: 18,138
LYNWOOD: 59
MANHATTAN BEACH: 62
PALOS VERDES ESTATES: 9
POMONA: 156
RANCHO PALOS VERDES: 23
REDONDO BEACH: 13
ROSEMEAD: 17
SIERRA MADRE: 2
SOUTH GATE: 53
TORRANCE: 94

2. Total number of covered businesses not recycling organics: 18261

Explanation: ARTESIA: 7
BEVERLY HILLS: 0
BRADBURY: N/A
DOWNEY: 13
DUARTE: 16
HERMOSA BEACH: 7
HIDDEN HILLS: 0
LOS ANGELES: 17,945
LYNWOOD: 59
MANHATTAN BEACH: 42
PALOS VERDES ESTATES: 9
POMONA: 49
RANCHO PALOS VERDES: 19
REDONDO BEACH: 0
ROSEMEAD: 10
SIERRA MADRE: 1
SOUTH GATE: 0
TORRANCE: 84

3. Total number of covered multifamily complexes: 18119

Explanation: ARTESIA: 9
BEVERLY HILLS: 0
BRADBURY: N/A
DOWNEY: 1
DUARTE: 97
HERMOSA BEACH: 0
HIDDEN HILLS: 0
LOS ANGELES: 17,847
LYNWOOD: 5
MANHATTAN BEACH: 3
PALOS VERDES ESTATES: 0
POMONA: 33
RANCHO PALOS VERDES: 7
REDONDO BEACH: 32
ROSEMEAD: 0
SIERRA MADRE: 0
SOUTH GATE: 0
TORRANCE: 85

4. Total number of covered multifamily complexes not recycling green waste, landscape and pruning waste, and nonhazardous wood waste: 17998

Explanation:

ARTESIA: 9
BEVERLY HILLS: 0
BRADBURY: N/A
DOWNEY: 1
DUARTE: 46
HERMOSA BEACH: 0
HIDDEN HILLS: 0
LOS ANGELES: 17,847
LYNWOOD: 5
MANHATTAN BEACH: 0
PALOS VERDES ESTATES: 0
POMONA: 18
RANCHO PALOS VERDES: 3
REDONDO BEACH: 0
ROSEMEAD: 0
SIERRA MADRE: N/A
SOUTH GATE: 0
TORRANCE: 69

5. What was done to inform those not recycling about the law and how to recycle? If the jurisdiction has an enforcement program for the Mandatory Commercial Organics Recycling program then please provide information about what enforcement was conducted.

ARTESIA: Site visits were done and letters were sent out to individual customers that fell under the threshold of AB 1826. Proposals are sent to food-producing customers. A food waste recycling guide was distributed to customers who were interested in food waste recycling.

BEVERLY HILLS: All generators that meet the criteria have an organic recycling program. Drivers report any significant contamination issues and the field supervisor reports it to the business and City staff. Businesses may be subject to additional charges.

BRADBURY: N/A

DOWNEY: The franchise hauler continues to work with the 4 cy generators and educate them on the mandatory state law AB 1826. There is no enforcement program.

DUARTE: Commercial newsletters, direct mailings, chamber and City Council presentations, audits, Burrtec and City website

HERMOSA BEACH: Franchise hauler and solid waste consultant continue to make direct contact with commercial accounts meeting AB 1826 compliance thresholds providing options including source-separated organics collection service by the franchise hauler, food donation, preparation of smaller meal servings by restaurants, waste prevention methods in food preparation and purchasing in bulk.

HIDDEN HILLS: There is only one commercial account that might meet the threshold and that account is recycling its organics.

LOS ANGELES: All customer sites were visited, in some cases multiple times, and given a waste assessment that identified how much organics recycling at customer sites would be needed. This is the first time that the City of Los Angeles has had every customer site visited, and encouraged to accept green bins. recyclLA service providers are now going through their customers to continue to 'right size' and place green bins where appropriate and needed.

LYNWOOD: City and hauler will be following up with the identified accounts that potentially are subject to MORE to confirm or exclude them from the list in 2018. In addition to a targeted letter, follow-up calls will be made and site visits conducted.

The hauler is also optimizing wet/dry routes, which will help divert commercial organics at its processing facility.

MANHATTAN BEACH: Worked with hauler to schedule additional site visits. Reported to City Council the number of businesses participating/not participating.

PALOS VERDES ESTATES: The City began developing both a mandatory commercial/multifamily recycling ordinance (includes AB 341 and AB 1826) and a C&D ordinance to be adopted in 2018. City also issued 5 year letter of intent for franchise hauler.

POMONA:

Hauler B: mailed 236 notice of non-compliance letters to qualified commercial and multifamily dwellings in 2017. Hauler completed 109 waste assessments in 2017. In 2018, hauler will continue to coordinate with the City to provide non-compliance letters to MORE affected entities that are not compliant. Affected businesses and multifamily dwellings that opt not to participate will be asked to complete a declination statement. Declination statement forms will be shared with City to take further action. Customer site visits were conducted in 2017 and information was provided to customers both verbally and in printed form (brochures and FAQs).

- Hauler C: PDF flyers as well as state legislation is sent via email to all current customers who are not currently recycling organics. Customers without an email address were sent printed educational material. Additionally, Account Managers visit customer locations and performed site assessments to develop recycling program recommendations and to educate customers about the law. Lastly, telephone calls were placed to customers directly to educate about the law and offer waste audit.

- Hauler D: Sent out letters to all potential Tier 1 and Tier 2. Hauler D also followed up with a phone call and/or waste assessment to confirm their compliance with AB 1826. All customers who should have a MORE program have been properly notified by Hauler D multiple times.

RANCHO PALOS VERDES: Letters were sent from the City to non-compliant accounts with a self-haul form. Some

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customers provided non-hauler recycling information and others have contacted their hauler to establish service.
REDONDO BEACH: All locations in the jurisdiction are recycling either with source separation or via MRF processing. In addition all locations receive a billing insert and a brochure with the details of AB 1826 as well as the information can be obtained via the Athens website.

ROSEMEAD: Most of the Tier 2 businesses have been offered the Organics Recycling program. Prior to May 1st, we have setup 7 programs. Additional business have been setup after and will be reported in 2018. Republic Services has hired an Organics Manager to contact all businesses identified with any volume of food waste Tier 1 to 3.

SIERRA MADRE: N/A

SOUTH GATE: Every year, Waste Management and the City share Assembly Bill 341 & 1826 information at community events. In 2017, the City of South Gate updated its website with Assembly Bill 341 & 1826 information to businesses. The City of South Gate website also links to the CalRecycle and LARA website. Additionally, Waste Management launched a City specific Residential and Commercial website where more information on both mandates can be found. Waste Management also provided the South Gate Chamber of Commerce with information on both mandates to share with members from the local community. In regards to mailers, Waste Management sent a mailer to all targeted businesses about both Assembly Bill 341 & 1826. Each commercial customer was given the contact information for the designated Waste Management Representative to discuss trash, recycling and organic services. Waste Management's South Gate Representative called, emailed and visited a majority of accounts to discuss the addition of recycling services. During the site visit, a waste audit was conducted to better understand each commercial customers' recycling and organics needs. Moving forward, the City would like to continue to strengthen the current ordinance to encourage recycling participation. The funds that are collected from the monthly fines are used for public education efforts. In 2018, the City and Waste Management are visiting ways to tap into the public education fund and use social media targeted ads to boost recycling participation and diversion efforts. Waste Management also provided their Think Green Grant to the Community Health Action Team for public education efforts in the community. Funds were used by the organization to host an environmental educational forum for the community where recycling information was shared with residents and commercial customers. The City also sent a letter to all customers who identified having 3rd party recycling. The letter requested them to confirm their tonnage by providing weight tickets broken down by commodity. In 2018, the City and Waste Management will continue to request information from businesses to help verify the tonnage reported to CalRecycle. Waste Management has also begun working with the City of South Gate to develop Assembly Bill 341 & 1826 Spanish flyers.

TORRANCE: N/A

6. If applicable, please describe any challenges encountered in implementing monitoring related to the jurisdiction's commercial organics recycling program. If not applicable, enter N/A.

ARTESIA: Customers often do not want to pay for extra services, some business have limited space for additional containers.

BEVERLY HILLS: For multifamily properties: information is based on number of units within the multifamily buildings. Multifamily buildings of 5 units or more are not generating 4 cubic yards of greenwaste. Also condominiums are not recorded in our billing system as multifamily dwelling. The City is planning on purchasing containers early summer and rolling out program in June 2018 to provide organic service to multifamily properties. Also, multifamily service by residential carts are shared community containers; therefore, unable to accurately measure the volume from each property.

BRADBURY: N/A

DOWNEY: Customers are hesitant to sign up for the new service due to the extra effort to sort out greenwaste as well as paying for the extra service.

DUARTE: N/A

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: City is unable to assess amount of organic waste generation due to the large number of customers (approximately 71,000) in recycLA.

LYNWOOD: The two biggest challenges with this program are unwillingness to participate and cost to implement the program.

MANHATTAN BEACH: N/A

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: Complaints of odor and dirty carts.

ROSEMEAD: Our biggest problem is the constant retraining of staff and contamination.

SIERRA MADRE: Additional costs is the main barrier in subscribing to an organics recycling program

SOUTH GATE: The City and Waste Management amended the existing franchise agreement to allow the collection and diversion of commercial organics. As of April 2018, Waste Management can begin providing commercial organic services in South Gate. Challenges regarding the commercial organics program will be available for the 2018 report.

TORRANCE: N/A

7. Provide the amount of organic material that is being diverted by covered businesses/multifamily complexes: 4368 Tons

If this tonnage information is not available, please enter 0 and explain why:

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Explanation: ARTESIA: 10.78
BEVERLY HILLS: 895.88 - The tonnage data only reflects commercial business tonnage. Multifamily properties do not meet the threshold yet.
BRADBURY: N/A
DOWNEY: 0 - None of the 4 cubic yard generators have signed up for service.
DUARTE: 120.70
HERMOSA BEACH: 0 - Unable to quantify organics recycling at Trader Joe's and Vons and food donation by grocery stores and restaurants.
HIDDEN HILLS: 0
LOS ANGELES: 2,358.28 - Tonnage does not include recycLA organics collection data. Hauler reporting for recycLA will begin in January 2018.
LYNWOOD: 187.59
MANHATTAN BEACH: 730.93
PALOS VERDES ESTATES: 0 - Franchise hauler has no accounts subject to AB 1826 in PVE and the non-franchise haulers are not currently tracking totals or they are unavailable currently. Moving forward: City and LARA staff collaborated in 2017 to establish new and open lines of communication and cooperation with non franchise haulers, school district and other haulers to ensure going forward the City has the most effective program possible and provide accurate data to LARA and Cal Recycle.
POMONA: 0
RANCHO PALOS VERDES: 0 - Documented diversion from third-party programs or is included with other programs
REDONDO BEACH: Total residential & commercial combined
ROSEMEAD: 18
SIERRA MADRE: 0
SOUTH GATE: 45.46
TORRANCE: 0

INFRASTRUCTURE AND BARRIERS

These questions are pursuant to [AB 876 \(McCarty, Chapter 593, Statutes of 2015\)](#), and [AB 1826 Chesbro \(Chapter 727, Statutes of 2014\)](#).

Per AB 876, Questions #1, #1a, and #2, are to be reported for the entire County or Regional Agency (RA), including all cities within their boundaries. If a regional agency does not consist of all of the jurisdictions in a county, CalRecycle recommends that the county coordinate with the RA(s) and discuss how they want to compile their data. For example, it would be best if the data were for the county as a whole and not broken out by RA. In the EAR, regional agencies and the county should report the same data and explain that the data is for the county as a whole.

Per AB 1826, #3-13 are to be answered by all non-rural/exempted reporting jurisdictions for progress achieved in implementing their commercial organics waste recycling program. *Beginning with the 2017 report year, the [AB 876 \(Organics Management Infrastructure Planning\) Calculator](#) now has additional lines to show users how much of the county's/regional agency's organic waste stream is comprised of food waste. Of all the fractions of the organics waste stream, food is the most difficult to process. Chip and Grind facilities are limited to processing green material which expressly excludes food waste [(14 CCR Sections (a)(10) and (a)(21.)).]. Therefore, if a jurisdiction's organics capacity planning primarily relies on Chip & Grind, there is a shortfall of food waste capacity. Only a limited number of all composting facilities are permitted to take food waste; contact your hauler or facility operator to find out whether they are permitted to take food waste, or if they have plans to expand their permit to accept food waste in the future. In-vessel digesters are still fairly uncommon, but many of these do accept food waste. Additionally, do not overlook food waste reduction and edible food rescue programs in your planning.*

1. Please provide an estimate of the amount of organic waste, in cubic yards or tons, that will be disposed by the entire county (unincorporated and incorporated areas) or regional agency over a 15-year period ("Over a 15-year period," means how many tons of organic waste will be disposed of in one single year 15 years from now, not the cumulative total of 15 years). 0

Please indicate which unit of measurement you are reporting in for this question and the rest of this report tab.Tons Per Year

a. Please provide an estimate of the additional organic waste recycling facility capacity, that will be needed to process the amount of organic waste identified in #1 above. 0

2. Please identify areas for new or expanded organic waste recycling facilities capable of safely meeting the additional organic waste recycling facility capacity need identified in #1a above. If the answer to #1a is less than #1, please be sure to explain why, e.g. note that there is currently unused capacity that can be utilized, and/or note that since there is tangible planning for new or expanded facilities now, that in 15 years, the needed capacity will be available. These details can be further clarified in #4 - #7 below.

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

ARTESIA: CR&R plans on making additional phases of their Anaerobic Digester available as the demand for organic waste recycling increases.

DOWNEY: There is no open land to expand organic waste recycling facilities in Downey.

DUARTE: The City has not identified any areas for locations that could safely accommodate a recycling facility capable of processing organic waste. City's hauler, Burrtec, owns and operates such a facility.

LOS ANGELES: Under the City of Los Angeles' new franchise system (recycLA), the seven haulers are required to invest over \$200 million towards infrastructure development over the length of the contract. In order to meet city and state requirements, the service providers for the franchise have proposed to utilize 39 facilities, and of those, 13 facilities will have to be constructed or improved. LARA cities will continue to explore options for diverting organics from landfills.

3. Please provide the names of existing organic waste recycling facilities within a reasonable distance from your major population centers, and the available capacity at each facility to accept your jurisdiction's organic materials, including food waste. Note: CalRecycle strongly encourages counties and regional agencies to collaborate with cities and special districts within their boundaries, and communicate with haulers and with organics facility operators servicing those entities, in order to understand available capacity and to minimize double counting at facilities used by multiple jurisdictions. Listed capacities should be specific to the amount of capacity available to your jurisdiction.

Answer Box below: Consider the following when answering question #3:

- i. Differentiate between facilities currently being used and potential facilities.
- ii. Make it clear which facility is being listed by including its SWIS #. If no SWIS number is available, give details about the name, address and type of facility.
- iii. Available capacity may be calculated by subtracting a facility's current throughput from its maximum capacity to process organic materials; however, maximum capacity should be discussed with the facility operator.
- iv. Do not include ranges of greater than 10,000 tons.

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BEVERLY HILLS: Crown Recycling Services in Sun Valley, CA.

DOWNEY: DART/Puente Hills

REDONDO BEACH: Nothing within the vicinity. American Organics - Victorville, Ca is the facility used by Athens Services.

ROSEMEAD: Republic Services collects and transfers the organics material to Falcon MRF and sent to Agromin in Chino, CA for compost.

SOUTH GATE: Universal Waste Systems Inc. has been servicing Los Angeles County since 1986. Universal Waste Systems Inc. is one of the largest local family-owned and operated company in Los Angeles County. UWS has six operating facilities located in Santa Fe Springs (2), Los Angeles, South Gate, Costa Mesa, and Perris. UWS operates a transfer station out of our Los Angeles Facility transferring over 45,000 tons of solid waste to local landfills per year. UWS is contracted to provide solid waste, recycling, and green waste service to over 20,000 single family homes, and is contracted with the City of Los Angeles to provide multifamily recycling to the entire San Fernando Valley collecting recyclables from over 150,000 units per week.

4. Please identify existing organic waste recycling facilities within the jurisdiction that may be suitable for potential expansion, and/or existing solid waste facilities within the jurisdiction that may be suitable for colocation with organic waste processing facilities.

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

DOWNEY: DART

LOS ANGELES: The City of Los Angeles CLARTS facility is being expanded to include organics processing.

SOUTH GATE: Universal Waste Systems Inc. has been servicing Los Angeles County since 1986. Universal Waste Systems Inc. is one of the largest locally family owned and operated company in Los Angeles County. UWS has six operating facilities located in Santa Fe Springs (2), Los Angeles, South Gate, Costa Mesa, and Perris. UWS operates a transfer station out of our Los Angeles Facility transferring over 45,000 tons of solid waste to local landfills per year. UWS is contracted to provide solid waste, recycling, and green waste service to over 20,000 single family homes, and is contracted with the City of Los Angeles to provide multifamily recycling to the entire San Fernando Valley collecting recyclables from over 150,000 units per week.

5. Please describe any efforts underway to develop new private or public regional organic waste recycling facilities, the anticipated timeline for completion, the types of feedstocks these facilities may accept, and the potential available organic material capacity at those facilities for your county or regional agency's organic waste, including food.

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

LOS ANGELES: Under the City of Los Angeles' new franchise system (recyclA), the seven haulers are required to invest over \$200 million towards infrastructure development over the length of the contract. In order to meet city and state requirements, the service providers for the franchise have proposed to utilize 39 facilities, and of those, 13 facilities will have to be constructed or improved. LARA cities will continue to explore options for diverting organics from landfills.

LYNWOOD: The City's hauler is planning an expansion of its processing facility (in LA CUA) that will include organics processing onsite. Estimated completion is 2019.

6. Please provide a list of closed or abandoned sites that may be available for new organic waste recycling facilities.

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

7. Please describe other non-disposal opportunities (on-site composting, food waste to animal feed, etc.) available to covered entities in the jurisdiction.

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

LOS ANGELES: Businesses in the City are exploring several non-disposal opportunities such as dehydrators and in-vessel digestion systems.

REDONDO BEACH: Redondo Beach residents receive two compost giveaways events (25 to 15 tons of Compost given out). Residents are also encouraged to partake in backyard composting, which they can purchase for a fee from Athens.

8. Please describe the jurisdiction's efforts to reduce food waste at the source and increase edible food recovery (e.g. promoting source reduction, expanding food donation, incentivizing partnerships with local food recovery organizations, changes in local government and school programs to reduce and/or donate surplus edible food).

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

ARTESIA: Hauler includes blurb in Commercial Service guide about food insecurity and a link to Food Finders for more information on food donations. City plans on adding ordinance for Mandatory Organics Recycling in 2018.

DOWNEY: The City has a PTA food bank where local churches, school district and certain food businesses conduct food drives and/or will donate product to the food bank weekly.

HERMOSA BEACH: Franchise hauler and solid waste consultant continue to encourage food donation by restaurants.

LOS ANGELES: The City believes that the highest and best use for edible food is to feed people. Each recyclA service provider (RSP) is required to have both a reuse and a food rescue subcontractor to bring in when a waste assessment by the RSP shows that there is material that can be removed before the bin. RSPs may not impede the establishment of a food rescue program with their customers. RSPs are required to invest in reuse and food rescue organizations to increase activities in these sectors, through direct funding and in-kind services. The RSP is required to promote reuse programs to their customers through its outreach and educational campaigns. A total of 955 tons of food was rescued in 2017 for a total of 601,719 meals served.

MANHATTAN BEACH: The non-profit Grades of Green began in Manhattan Beach schools and oversees a "Trash Free Lunch" program at all of its schools. Students are taught daily how to sort their leftover/uneaten food. The first step is a "donation" basket and fridge where students can put any food that was unopened and is unwanted. The food is then offered to students who are hungry or did not bring enough to eat to school. Also, the City's hauler as part of the franchise agreement is required to provide Go Green Lunch Box Kits (all reusable) to every incoming 1st grader in MBUSD. In 2017, 436 Go Green Lunch Box Kits were distributed at the beginning of the school year. Students start their education in MBUSD learning about food waste source reduction and donation through the no-waste lunch boxes and Trash Free Lunches program/donation system.

RANCHO PALOS VERDES: The City continues to promote Food Finders, a regional food bank. The City has a Business Recycling Directory on its website and works with the Palos Verdes Chamber of Commerce on recycling. The City's permitted haulers also partner with food rescue organizations and are beginning to note its use in Rancho PV.

REDONDO BEACH: Donations are set up within larger supermarkets by the supermarkets themselves.

ROSEMEAD: In 2017, Republic Services created a Organics Manager to contact all the businesses that were first identified under Tier 1. She is currently working on the Tier 2 list. A major component of the food waste program is the partnerships the City and hauler have made with Food Finders and several other non-profits. In 2017, Republic Services purchased two refrigerator trucks for Food Finders.

9. Describe local zoning codes that allow organic waste processing facilities and local permit requirements for siting a new organic waste recycling facility within the jurisdiction.

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

LOS ANGELES: In the City of LA, the most appropriate location for a new organic waste recycling facility will be in the Light Industrial (M2) and Heavy Industrial (M3) zones.

10. Please describe any local incentives available for developing new organic waste recycling facilities within the jurisdiction (e.g. economic incentives, workforce training, permit fee waivers etc.)

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

LOS ANGELES: RMDZ funding may be available for development of new organic waste recycling facilities.

11. Describe any local efforts by the jurisdiction or its partners to promote local markets for processed organic material (e.g. jurisdiction purchase of recycled organic products, compost giveaways to residents, promotion of sustainable landscaping, or education and outreach about recycled organic products).

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

ARTESIA: CR&R has developed informational material for local businesses to educate on organics recycling.

HERMOSA BEACH: Franchise hauler continues to offer free compost to the City upon request and the City continues to sponsor and promote Free Compost Giveaway events.

LOS ANGELES: The City of LA provides free mulch to residents. The City of LA also produces compost which is used within city departments and sold to landscape companies under the brand TOPGRO.

12. Describe any waste and recycling service-rate adjustments implemented or planned in the jurisdiction, how they target the diversion of organic waste, and/or fund organic recycling infrastructure development.

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

LOS ANGELES: The cost of an organics recycling container is the same as the black container. The addition of organics recycling services can lead to a decrease in disposal fees for businesses due to downsizing of their black container or decreasing pickup frequency.

LYNWOOD: The City's hauler offers commercial organics collection services at the same rate as trash, unlike other cities that charge more than equivalent trash service. With further development of the regional organics market, they hope to be able to reduce this in order to incentivize participation.

MANHATTAN BEACH: The City's food waste program (commercial and residential) began in August 2015. The City has a tiered-rate structure (Pay as You Throw) for the trash containers. 100% of the user rate is built into the trash rate. There are no additional fees for recycling, green waste, food waste. When the City adopted its food waste program through a Prop 218 process, the program was created as a citywide program. It is NOT a subscription based program. The commercial trash rate was increased at a one-time increase of 3.6%. The residential trash rate was increased at a one-time increase of 3%.

Participation is based solely on habit of the customer, not the additional cost.

REDONDO BEACH: Rates are adjusted on an annual basis based on an agreed upon formula between the City and Athens. No other rate adjustments are planned as of now.

ROSEMEAD: In October 2017, the Council approved the organics program and rates.

13. Any other barriers? Yes

Indicate all known barriers to siting or expanding organic waste recycling facilities in the jurisdiction, such as lack of suitable parcels, zoning issues, economic issues, lack of local markets for finished products, environmental justice issues or the known opposition of community groups, regulatory agencies or public officials, or other impediments. If there are identified barriers that are within the jurisdiction's control, please provide a summary of the jurisdiction's plan to remedy the barriers that are under its control.

The Los Angeles Regional Agency is awaiting comprehensive data for capacity planning from LA County.

ARTESIA: There are currently no organic waste recycling facilities in Artesia. Artesia is a small city with a total area of 1.6 square miles. Placing a waste recycling facility can be a challenge for the lack of space.

BEVERLY HILLS: No available space to site a facility and community opposition.

DOWNEY: This issue has not occurred in our community.

HERMOSA BEACH: Subscribing to the franchise hauler's organics recycling collection program is cost-prohibitive for many commercial accounts. Businesses have internal and external space constraints and staff must be trained in the separation of organics.

LOS ANGELES: The barriers to siting and expansion of organics waste recycling facilities include environmental justice concerns, opposition from residents and local community groups, cost of the development of new and existing facilities, lack of available sites to develop the facilities in the appropriate zoning areas.

REDONDO BEACH: The City has budgetary issues and given the amount of time other projects have required, this issue has not taken precedent.

ENFORCEMENT, SELF-HAUL REQUIREMENTS, AND EXEMPTIONS

The following elements do not need to be implemented as part of the jurisdiction's organic waste recycling program; however, if the jurisdiction implements any of these, then the jurisdiction is required to report on any efforts related to these provisions.

1. Has the jurisdiction implemented any enforcement measures for covered businesses (including multifamily) that are not in compliance? If so, please describe.

MANHATTAN BEACH: The City has preferred to take an "Educational Enforcement" approach. Acknowledgement through the Zoning Review Report, site visits, outreach, and building the rate structure of the program to exclude add'l costs along the way educate and encourage participation without a specific penalty.

PALOS VERDES ESTATES: The City began developing a mandatory commercial/multifamily organics recycling ordinance and a C&D ordinance to be adopted in 2018. City also issued 5-year letter of intent for franchise hauler.

2. Has the jurisdiction implemented any certification requirements for self-haulers? If so, please describe.

LOS ANGELES: City of LA is developing a policy for self-haul based on very specific criteria.

REDONDO BEACH: The City only allows self-hauling for C&D not any other services. For C&D the self-haulers must purchase a permit from the City and pay a 4% fee per tonnage quarterly.

SOUTH GATE: The City and Waste Management are looking to verify the tonnage from self-haulers, back-haulers, and businesses that recycle through a 3rd party. Throughout this process, the City and Waste Management are working on streamlining the reporting process. The City sent a letter to all customers who identified having 3rd party recycling requesting confirmation of their tonnage by providing weight tickets broken down by commodity. In 2018, the City and Waste Management will continue to request information from businesses to help verify the tonnage reported to CalRecycle.

3. Have any exemptions been granted? Exemptions noted in the law include;

- i. Lack of sufficient space to provide additional bins,
- ii. Current business practices already result in a significant reduction in its organic waste (can be revoked 2020),
- iii. The business does not generate at least one-half cubic yard of organic waste per week,
- iv. Limited term exemptions,
- v. Unforeseen events,

If exemptions were granted by the jurisdiction;

- i. Please provide the number of exemptions granted,
- ii. Describe the reasons why the exemptions were granted,
- iii. Explain how these businesses are included in the MORE Monitoring fields, e.g. these businesses are included in the total number of covered entities and are included in the total number of those not recycling organic material.

ARTESIA: Exemptions will be implemented in 2018.

ADDITIONAL INFORMATION

Is there anything else you would like to tell CalRecycle about unique or innovative efforts by your jurisdiction to reduce organic waste generation and increase diversion, about your jurisdiction's public education efforts, or about specific obstacles to reaching your jurisdiction's implementation of an organic recycling program?

ARTESIA: CR&R has developed informational material for local businesses to educate on organics recycling. Also, in efforts to increase awareness on organics recycling, CR&R sent out letters addressing mandatory food waste recycling in Artesia to commercial properties. There are many obstacles in implementing a successful organics recycling program such as low cooperation from businesses. Therefore, the City is considering adopting a mandatory organics recycling ordinance to be able to enforce organics recycling.

HERMOSA BEACH: Franchise hauler and solid waste consultant continue to make direct contact with commercial accounts meeting AB 1826 compliance thresholds providing options including source-separated organics collection service by the franchise hauler. The solid waste consultant continues to distribute a Food Donation Resource List with the names of food banks and other local charities. Cost, inconvenience, lack of interest, lack of staff to separate organics, and limited internal and external space are the challenges in implementing organics recycling at businesses meeting compliance thresholds.

LOS ANGELES: Innovative recycLA contracts require service providers to partner with reuse and food rescue organizations. Based on the estimate that 30% of landfilled tonnage is organics, City of LA alone disposed approximately 1.25 million tons of organic waste in 2017. For restaurants, food manufacturing, and food handling businesses, up to 70% of their waste can be organics. There is not enough infrastructure to handle the amount of organics currently being disposed. Siting and development of these facilities is a long, expensive process. Organics recycling is also costly for businesses. The City will target large generators first, and as more capacity becomes available, smaller generators will be phased in.

MANHATTAN BEACH: The greatest challenge with commercial food waste is the City's spatial issues. There are many buildings that are quite old and include kitchen/prep areas and trash enclosures that are perfect for a pre-recycling society. Businesses are challenged with creating ample space with grandfathered buildings for food waste collection in bussing areas and enough floor space in the kitchen/prep to keep the operations running efficiently. Also, the food waste carts are often placed in the public right of way in the streets behind the businesses (some in MB refer to them as "alleys"). The juxtaposition of food waste carts in the public eye while folks are walking to our beautiful beach and multi-million dollar homes is complicated. It's been a challenge to find the middle ground and keep everyone happy. Innovations for these types of locations would be welcomed.

ROSEMEAD: Having an Organics Manager and partnerships with Food Finders and other organizations helps to recruit businesses. With the Organics Policy and set rates its easier to offer the completed organics program.

SIERRA MADRE: Site visits were conducted in late 2016 and follow-up visits are planned for 2018.

SOUTH GATE: The funds that are collected from the monthly enforcement fines are used for public education efforts. In 2018, the City and Waste Management are visiting ways to tap into the public education fund and use social media targeted ads to boost recycling participation and diversion efforts. Waste Management also provided their Think Green Grant to the Community Health Action Team for public education efforts in the community. Funds were used by the organization to host an environmental educational forum for the community where recycling information was shared with residents and commercial customers.

Brief description of additional information files, including calculation data for infrastructure planning.

N/A