

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2018)

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Summary Generated On: Wednesday, July 31, 2019, 10:30:17 AM

Summary

Jurisdiction: Los Angeles Area Integrated Waste Management Authority
Report Year Filed: 2018
Report Status: Submitted

Submitted Information

Date Report Submitted: Wednesday, July 31, 2019
Report Submitted By:
Alexander Brideau Iii (alexander.brideau@lacity.org)

Jurisdiction Contact

Jurisdiction Contact:

Address: , ,

Phone Number:

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Update Contact Info: <https://www2.calrecycle.ca.gov/Forms/LGCentral/ReportingEntityContactChange/>

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): 18,841.30

Reporting-Year Disposal Amount (tons): 5,123,676.90

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

Total Disposal Reduction Credit Amount (tons): 0.00

Total Adjusted Reporting-Year Disposal Amount (tons): 5,123,676.90

Reporting-Year Transformation Waste (tons): 69,146.55

Reporting Entity	Quarter	Destination Facility	Transformation Ton
Los Angeles	1	Commerce Refuse-To-Energy Facility	8,427.44
Los Angeles	1	Southeast Resource Recovery Facility	16,303.10
Los Angeles	2	Commerce Refuse-To-Energy Facility	6,796.87
Los Angeles	2	Southeast Resource Recovery Facility	11,965.88
Los Angeles	3	Southeast Resource Recovery Facility	11,518.59
Los Angeles	4	Southeast Resource Recovery Facility	13,911.94
Los Angeles	2	Covanta Stanislaus, Inc.	19.08
Los Angeles	3	Covanta Stanislaus, Inc.	133.63
Los Angeles	4	Covanta Stanislaus, Inc.	70.02

Reporting-Year Population: 4,947,267

Reporting-Year Employment: 2,142,659

Reporting-Year Calculation Results (Per Capita)

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	Population		Employment	
	Target	Annual	Target	Annual
Disposal Rate without Transformation (pounds/person/day):		5.7		13.1
Transformation Rate (pounds/person/day):	1.4	0.1	3.5	0.2
The Calculated Disposal Rate (pounds/person/day)	7.1	5.6	17.5	12.9

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:		5.6		12.9
Green Material ADC Rate:		0.0		0.0
Disposal Rate with Green Material ADC:		5.6		12.9

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. Jurisdictions can review disposal facilities that assigned green material ADC and the amount by using the [Inflow Outflow Map Generator on the CalRecycle website](#).

More information and brief instructions for using the inflow/outflow map 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)

2018 Los Angeles Area Integrated Waste Management Authority Green Material ADC (tons): 18,841.30

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

The LARA Cities plan to divert green material that is being used as ADC mostly to the following locations: American Organics in Victorville for anaerobic digestion; CR&R in Perris for composting; and to Rainbow/Republic Waste Services for mulching.

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:

N/A

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. N/A

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:

N/A

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. N/A

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. LOS ANGELES:
LAWA: There is an ongoing project at the Los Angeles International Airport (LAX) to enroll additional lounges and concessionaires to the food waste collection route. Food waste is collected by LASAN and taken to the CR&R facility in Perris.
Sanitation (LASAN): In 2018, LASAN conducted the Residential Food Waste In-Sink Disposal Pilot and 522 homes were selected of which only 122 actually participated.

Hauler Information

Parent Company:			
Hauler Name:	A and A Waste and Rolloff Services - Torrance		
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:	AAA Rubbish - Torrance		
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:	Ace Roll Off Rubbish Service - Torrance		
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:			
Hauler Name:	American Reclamation, Inc - Los Angles		
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:	Atlas Consolidated Services - 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:	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:			

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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:	No		
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:			
Hauler Name:	CR and R Inc. - Artesia		
Franchise Hauler:	No		
Activities	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 - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	Haul-Away Rubbish Service - Torrance		
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:			

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Hauler Name:	NASA Services - Torrance		
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 - 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:	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:	United Pacific Waste - Torrance		
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:	Universal Waste Systems - Torrance		
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:	Waste Management - Torrance		
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:			
Hauler Name:	Waste Resources Inc - Torrance		
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:	Waste Resources Inc. - Lynwood		
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:	West Coast Waste and Roll-Off - Torrance		
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 - Los Angeles, Palos Verdes Estates		
Franchise Hauler:	No		
Activities	Curbside Organics Hauler - Commercial,Curbside Recycling Hauler - Commercial,Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:	Athens is one the 7 exclusive franchise haulers in the City of Los Angeles.		
New Hauler:	No	Contract End Date:	
Parent Company:	Arakelian Enterprises Inc.		
Hauler Name:	Athens Services - Redondo Beach		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		

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Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:	Arakelian Enterprises Inc.		
Hauler Name:	Athens Services - Sierra Madre		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	07/01/2022
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:	Athens Services		
Hauler Name:	Athens Services - Torrance		
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:	Burrtec		
Hauler Name:	Burrtec Waste Industries Inc - Duarte		
Franchise Hauler:	No		
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:	Cal Met Services		
Hauler Name:	Cal Met Services - Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	

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Parent Company:	City of Los Angeles		
Hauler Name:	City of Los Angeles - 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:	12/31/2017
Parent Company:	City of Los Angeles		
Hauler Name:	Los Angeles Sanitation - 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:	City of Pomona		
Hauler Name:	City of Pomona - Pomona		
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:	City of Pomona		
Hauler Name:	Pomona Solid Waste Division - Pomona		
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:	CR and R		
Hauler Name:	CR and R - Torrance		
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:	Crown Disposal		
Hauler Name:	Crown Disposal - Torrance		

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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:	Crown Disposal Company Inc		
Hauler Name:	Crown Disposal Company - Beverly Hills		
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:	Key Disposal		
Hauler Name:	Key Disposal - Torrance		
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:	L and S Disposal		
Hauler Name:	L and S Disposal - Torrance		
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:	Liberty Disposal Service		
Hauler Name:	Liberty Disposal Service - Torrance		
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:	Patriot Services		
Hauler Name:	Patriot Services - Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		

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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	
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:	Rivas Disposal Services	
Hauler Name:	Rivas Disposal Services - Torrance	
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:	S and H Disposal and Recycling	
Hauler Name:	S and H Disposal and Recycling - Torrance	
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:	Serv-Wel Disposal	
Hauler Name:	Serv-Wel Disposal - Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	No	Contract End Date:

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Parent Company:	Universal Waste Systems Inc.		
Hauler Name:	Universal Waste Systems Inc - Rancho Palos Verdes		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	12/31/2017
Parent Company:	Ware Disposal		
Hauler Name:	Ware Disposal - Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling Hauler - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	No	Contract End Date:	

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: 28059.04	Selected in SRRE: Yes
		Owned or Operated: Yes

Selected Program Details:

Xeriscaping | Grasscycling

Jurisdiction Notes:

ARTESIA: Xeriscaping has been implemented 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. Landscape clipping from the City's park staff are processed by Athens Environmental Services, the tonnage is reflected in the annual tonnage report under green waste. In addition the City has removed approximately 4.5 acres of turf from the park along Santa Monica Blvd. and replaced it with drought-tolerant plants, including the installation of a drip irrigation system.

BRADBURY: The City promotes drought-tolerant landscaping. The City's landscape and trails are being renovated, using California natives and drought-tolerant plant material.

DOWNEY: Grasscycling is being utilized at several parks including: Furman Park, 628,520 sq. ft.; Apollo Park, 454,732 sq. ft.; Dennis the Menace Park, 175,878 sq. ft.; Golden Park, 349,350 sq. ft.; Independence Park, 495,051 sq. ft.; Rio San Gabriel Park, 684,247 sq. ft.; and Wilderness Park, 69,420 sq. ft. Synthetic grass is being demonstrated in two areas of City Hall.

DUARTE (286.00 tons): The City and its contractor BrightView grasscycle approximately 44 acres of turf per year with mulching mowers at the jurisdiction's 13 parks.

HERMOSA BEACH (104.00 tons): The Public Works Department continues to mulch and grasscycle (est. 47.39 acres of parks) and maintains a Green Belt of 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

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installed drought tolerant plants in landscaped beds surrounding the building. Residents are encouraged to grasscycle and incorporate plants indigenous to Southern California. 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 resulted in the development of a Native Garden in Valley Park featuring xeriscaping and reclaimed water usage. Recycled water is used on the Green Belt and within 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 redesigning their landscaped areas. Since November 2000, the demonstration garden around City Hall demonstrates water wise landscaping.

LOS ANGELES (19,895.11 tons):

Airports (LAX):

Grasscycling: Program is ongoing. Diverted tons are unknown.

Harbor (POLA):

Green Waste Recycling: Grasscycling and mowing are done on a biweekly basis. No mulching reported.

Recreation and Parks:

Grasscycling: While the Department continues to explore other methods to eliminate grass clippings from our waste streams, we have added the option to have a mulching cutting blade installed with the purchase of new lawnmowers. According to a recent waste project study, a regular half-acre lawn is capable of producing up to 4.5 tons of grass clippings every season. All wasted clippings carry over 100 pounds of nitrogen that goes underutilized. If you opted for a mulching kit, you could recycle enough nitrogen to keep your lawn as healthy as if you had made use of a commercial-grade fertilizer.

Water and Power (LADWP):

Green Waste Handling: 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 green waste generated. Typically, California-friendly plants and natives do not need to be manicured as often compared to the "mow and blow" maintenance of turf.

LYNWOOD (179.14 tons): The City continues to grasscycle at 13 City parks/gardens (est. 23.5 acres turf area). For all current and future City projects, such as median island repairs, only xeriscape turfs are approved.

MANHATTAN BEACH (294.00 tons): The City promotes grasscycling on the City's website (www.citymb.info). The 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 at city facilities. Promotion of water conservation and sustainable landscaping continues through free classes offered by the Manhattan Beach Botanical Garden. The City utilizes reclaimed water at many locations such as in its medians, at the local Marriott Golf Course (est. 1819 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 (1,319.50 tons): The City encourages residents to utilize xeriscaping and grasscycling methods when performing maintenance or redesigning their landscaped areas. The City-owned, privately operated golf course (est. 203 acres) practices onsite grasscycling. The CalRecycle standard of 6.5 tons/acre per year is being utilized for calculation purposes.

POMONA: The City grasscycles at all of its 28 parks and encourages residents to make use of native and drought-tolerant plants and practice related landscaping procedures.

RANCHO PALOS VERDES: The City continues to grasscycle at 17 of its facilities and encourages residents to make use of native and drought-tolerant plants and practice related landscaping procedures.

REDONDO BEACH: City staff grasscycles at many locations throughout the city including: 10 city parks, 33 acres of medians, 14 schools and 14 acres of Southern California Edison right of way lands and other public areas such as the local cemetery.

ROSEMEAD: The City promoted grasscycling and composting in the Summer Recycle Today newsletter. At the Beautification Civic Pride Day in April, the hauler hosted a composting class and program. The City delivered 20 cubic yards of shredded bark mulch (from tree trimming) to the Community Garden. The mulch was used in the 30 planters. A total of 40 cubic yards of recycled shredded bark mulch was spread along the Freeway slopes on San Gabriel Blvd and Walnut Grove Ave.

SIERRA MADRE (19.25 tons): City crews, in conjunction with youth sports (Little League, Girls Softball, etc) routinely recycle grass clippings from the seasonal maintenance of local sports fields, at Memorial Park, and at Sierra Vista Park.

SOUTH GATE (3,705.04 tons): The City of South Gate is grasscycling at the following locations: South Gate Park,

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Hollydale Park and the DWP Right-of-Way. In 2018, the City generated a total of 3,705.04 tons of grasscycling, helping divert 3,705.04 tons of potential waste from landfills. The City of South Gate continues to have a robust water reduction program that promotes drought-tolerant landscaping and water saving. In 2018, 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.

TORRANCE (2,257 tons): The City grasscycles at all City parks, golf courses and areas around City facilities. Much of the landscaping at City facilities utilize xeriscaping practices. The local school district uses grasscycling for their athletic fields with annual programs savings totaling 1,092 tons. The 6.2 acre Toyota soccer field of artificial turf contributed to the city total savings of 1,165 tons. A demonstration site at the Madrona Marsh promotes xeriscaping and grasscycling 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: 521.33	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA (0.80 tons): The City used 4 cubic yards of woodchips/mulch from its contract tree care provider for a community tree care event at Artesia Park in June 2018.

BRADBURY: The City continues to recycle trimmings collected from landscape maintenance at the Civic Center. The City participates in the County of Los Angeles' Smart Gardening Program and promotes local education events and demonstrations. The City also participates in a mulch giveaway program twice a year during the Community Cleanup Events. In January 2018, the City's newsletter featured an informational article promoting backyard composting.

DOWNEY: The City offers 4 Composting & Smart gardening workshops and 2 Landscaping & Rain Barrel Sale events, held at City facilities. Discount compost bins and worm composting are offered at each workshop. Residential free mulch is offered twice a year.

DUARTE: The City continues to recycle trimmings collected from landscape maintenance at the Civic Center. Tree trimmings are used as mulch on-site. The City continues to use Consolidated Disposal in Gardena for street sweeping recycling. To promote backyard composting, the City offers a Compost Giveaway Program.

HERMOSA BEACH: The Public Works Department continues to use mulching mowers in City parks, recreation fields and its Green Belt (est. 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 a Compost Giveaway and Document Shredding Event for residents promoted on the City's website: <http://www.hermosabch.org/index.aspx?page=21&recordid=5627>. The franchise hauler will provide compost to the Public Works Department and other City departments upon request. A total of 8 tons of compost was given away to residents who participated in the Compost GiveAway event, 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 upon request.

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 (LASAN):

Backyard Composting Program: LASAN held 37 composting workshops across three locations in 2018, training an estimated 2,172 people. All workshops covered backyard composting and vermicomposting, with some locations also offering urban gardening workshops. Composting bins are sold at the workshops at a discount to encourage backyard composting.

LYNWOOD: City hosted a free composting workshop, open to the public. Lara Linear Park has a community garden with a shared composting tumbler that's utilized by the residents. The City continues to provide backyard composting information online.

MANHATTAN BEACH: The City and Waste Management host 5 free composting classes each calendar year. Three events

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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 our 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 are encouraged and do attend. The instructor makes herself available year-round for consults with the community about any specific composting problems they are having. Street banners and Beach Reporter ads are used to advertise the classes being offered. Discounted bins and extra worms are sold to Manhattan Beach residents at the classes or through Waste Management customer service. The City subsidizes a portion of the 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 shovel 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 and associated workshops to residents via the quarterly newsletter and/or the City's website. The Environmental Expo was not held in 2018 due to financial issues at the City, but the event has not been completely shelved.

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

RANCHO PALOS VERDES (59.53 tons): The City held two free mulch giveaway (est. 44.53 tons given away) events, as well as a backyard composting workshop in 2018. There was an attendance of 55 at the March workshop, where 16 compost and 9 worm bins were sold. 15 residents requested rebates for their purchase of composting bins. An estimated 15 tons of new diversion was created 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. Also 30 tons of compost was delivered for free to our residents at giveaway locations held twice a year.

ROSEMEAD: The Composting Made Easy flyer is shared at all community events and Beautification Civic Pride Day in April. Republic Services provides the CalRecycle flyer, Composting Natures Way to Recycle, to the community. Residents can bring used bikes and books to the local Republic Services office in Rosemead for recycling. In 2018, the Hartford Hotel donated land to the City for a new Community Garden. The garden has 26 planters and is open for residents only.

SOUTH GATE: The City and Waste Management encourages residents to begin a composting program at home and continues promoting Los Angeles County composting workshops through the Waste Management City of South Gate Residential website. The County of Los Angeles hosts various smart gardening workshops at County libraries located in the City of South Gate. In 2018, the County of Los Angeles provided four smart gardening workshops in the City of South Gate. In addition, Waste Management provides free mulch to residents during the annual Earth Day event.

TORRANCE (461.00 tons): The City contributed to the development of a backyard composting demonstration site located at the Home Garden Learning Center at Columbia Park. The City participates in the Los Angeles County Department of Public Works Backyard Composting Program. This program consists of 3 to 6 annual workshops held at the demonstration site and other City locations, including 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 (totaling 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 (est. 307 tons this year). Tonnage from residents is based on 100 lbs. per composting units sold by City, a total of 28 bins were sold this year for a total of 153.85 cumulative tons.

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: 8945.71	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: The City hauler promotes businesswide recycling and source reduction programs at community events. In 2018, there were a total of 8 commercial and 2 multifamily waste audits performed. A total of 167 site visits and waste audits were performed.

DOWNEY: The franchise hauler conducted 67 waste assessments for businesses in 2018. Large market chains promoted the adoption of reusable bags. Two local markets donate their unsellable food to local food banks for rescue.

DUARTE (28.15 tons): AB 341 continues to be a priority for both the City and Burrtec Waste Industries. In 2018,

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approximately 73 businesses participated in recycling while 129 did not. Burrtec also conducted numerous waste assessments for existing commercial customers.

HERMOSA BEACH: The 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 by duplex printing and use of email.

LOS ANGELES (272.24 tons):

Harbor Tenants:

Toner Cartridge Recycling (22 tenants, 10 responded)

Sanitation (LASAN):

Commercial Business Waste Assessment and Technical Assistance: 11,513 waste assessments were conducted by the recycLA service providers (RSPs) in 2018. The recycLA contracts require partnerships and funding of reuse and food rescue from customers. Each 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 diverted from the landfill. 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. Each RSP is required to promote reuse programs to their customers through its outreach and educational campaigns. The RSPs are also required to conduct at least one waste assessment every two years for each of their customers, though customers can request up to two waste assessments per year.

recycLA Material Reuse: The recycLA Service Providers (RSPs) paid a total of \$34,633.34 collectively for the recycLA Materials Reuse Program. These payments were in the form of direct donation to their non-profit partners; through subcontracting opportunities or by providing in-kind service with their non-profit partners.

LYNWOOD (1,546.36 tons): In 2018, the City's hauler conducted 200 site assessments to determine current waste minimization and recycling activities by the business community. Between these and prior site visits, source reduction is estimated to be 1,546.36 tons per year.

MANHATTAN BEACH: Manhattan Beach expanded its curbside food waste collection program citywide (on 8/1/15) for businesses. On 6/5/18, the City Council adopted an ordinance expanding its polystyrene ban to include plastic straws, utensils and stirrers from all businesses. This is paired with an "upon request only" policy for non-plastic disposable items. Businesses can only supply "to-go" or disposable utensils and straws if they are made of wood, metal, bamboo, fiber, or glass. Ordinance went into effect 7/1/18 (enforcement begins 1/1/19 to allow businesses to exhaust their existing supply). Also, in 2018, 7 new businesses were added to the City's Green Business Program (Bridge Senior Financial Services, Dial Instant Printers, Gum Tree, Kaiser Permanente Manhattan Beach, Manhattan Beach Chamber of Commerce, Palmer Chiropractic, and REI). Two businesses were re-certified in the Green Business Program (a bookstore and Body in Balance). Those businesses were honored by the City Council at one of their meetings. 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, stirrers, and cutlery cannot be made from polystyrene. A continuing campaign to eliminate any form of disposable straw from commercial areas is growing in Manhattan Beach.

PALOS VERDES ESTATES: The City has developed educational materials to distribute to businesses in order to raise awareness of AB 341 and AB 1826 requirements and to encourage businesses to recycle. This material is also available to the community on the City's website. Mailers are sent to businesses within the City, reminding business owners and property owners of their responsibility to recycle, along with specific information on thresholds for recycling and organics. Literature related to AB 341 and AB 1826 is also available at the City Hall front counter. Waste assessments and compliance help are offered by both the City and the three permitted commercial haulers. City staff is encouraged to use reusable drinking vessels.

POMONA (7,098.96 tons): The franchise haulers provide outreach regarding source reduction to businesses quarterly, and strive to target existing commercial users and 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 promoting recycling. The City also recognized 17 Clean Bay restaurants in 2018.

REDONDO BEACH: As part of the City's business recycling outreach, businesses are educated about waste reduction options as well as proper recycling procedures. More specific information is provided in Program 2030.

ROSEMEAD: In 2017, the hauler identified several businesses as having active third-party and source-reduction programs. The third-party programs include: tire, grease, bone & marrow, food waste donation & takeback, cardboard & paper baling,

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paper shredding, pallet reuse, and CRV recycling.

SOUTH GATE: Waste Management continues to offer waste assessments and recycling to commercial customers. The City is incentivizing the practice of recycling by offering a lower price than MSW. Both the City and Waste Management promote business source reduction and material reuse efforts.

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. Torrance also began as a member of the California Green Business Network through their grant program.

1030-SR-PMT (Procurement)

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:

Recycled-Content Paper (janitorial supplies, paper towels, etc.) | Other Procurement (describe below) | Recycled-Content Paper (white & colored ledger, computer paper, other office paper, etc.) | Re-refined Oil | Pavement Surfacing (RAC, Recycled Aggregate) | Recycled-Content Paint

Jurisdiction Notes:

ARTESIA: The City of Artesia regularly purchases recycled paper and other eco-friendly office materials such as recycled-content pens. In 2018, the City spent \$2,578 in office supplies that contained recycled content.

BEVERLY HILLS: The City continues to purchase supplies through Office Depot / OfficeMax and chooses EPP products as much as possible. The City's Zero Waste Plan is still on hold, pending new Solid Waste Franchise Agreement approval. The EPP will be incorporated in the Zero Waste program.

BRADBURY: The City purchases office supplies made with recycled materials such as printing paper, paper towels, toilet paper, etc. Staff repurposes and reuses office supplies whenever possible.

DOWNEY: Procurement Policy adopted in 2011 details that the City purchase recycled-content products including office supplies, sustainable playground equipment, toner cartridges, cups, and plates.

DUARTE: The City's 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 continually making efforts to promote internal education among employees.

HERMOSA BEACH: The City has a Recycled Products Procurement Policy, implemented in 2006. The City continues to purchase 30% post-consumer recycled-content office paper. The City continues 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 and City Hall. The City practices BulkPurchasing at Office Depot and receives a Green Report annually, with 31% of purchases being considered "green" rated. The City continues to develop a more efficient tracking system for the purchase of recycled-content products and an Environmentally Preferred Purchasing (EPP) Policy.

HIDDEN HILLS: The City does not have a formal EPP, but continually makes efforts to purchase supplies with recycled content.

LOS ANGELES:

General Services:

Annual Report: GSD Supply Services produces an annual report documenting and evaluating compliance with the Environmentally Preferable Purchasing Program. The total expended for the calendar year of 2018 is \$15,274,576.00.

Recycled-Content Procurement: Like all City Departments, GSD purchases office materials from Office Depot and selects those items that are either made from 100% recycled material or at least made from recycled content material.

Harbor (POLA):

Buy-Recycled Program: Program is ongoing. Reference the EPP Report of 2017-2018 for detailed information about Environmentally Preferable Purchasing Program.

Recreation and Parks:

Environmentally Preferable Purchasing: Many of the products perform just as well as non-EPP alternatives. This includes paper and disposable products, recycled-content office supplies, pesticides, paints, remanufactured toner cartridges, turf

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maintenance equipment, and many other energy-efficient computers and appliances. The department is now testing battery-powered walk-behind mowers, line trimmers, and leaf blowers. We are also purchasing two 60" battery-powered riding mowers.

Sanitation (LASAN):

Environmentally Preferable Purchasing: LASAN continues to request reports from the City's vendors that supply the 19 products/commodities listed in the City's EPP ordinance. The vendors are asked to report on product specifications, product environmental attributes, and sales figures. The purpose is to determine if the products comply with the City's EPP Ordinance. City departments are required to report on products they used that were not obtained through City-executed contracts, the performance of new EPP products, as well as their waste-prevention practices.

Water and Power (2 programs)

Buy Recycled 2000 Program: 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. In 2018, 23% of LADWP's total spent with Office Depot was on Green Products.

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.

LYNWOOD: The City continues to evaluate options to improve the monitoring of the procurement process and amended its Purchasing Ordinance (#1711) on 6/19/18, which includes subsection "Recycled Products Procurement Policy." The policy has percentage requirements for purchases regarding secondary and post-consumer material such as recycled products and recycled paper products. When possible, City staff will purchase above the required percentage. For example, all departments purchase recycled paper with 30% recycled content but Public Works purchases 100% recycled content for all printing paper. The 2018 Office Depot Green Usage Report notes that 27% of purchases were "green."

MANHATTAN BEACH: With the polystyrene ban in Manhattan Beach, no staff member can purchase polystyrene cups, plates, etc. with City funds. Disposable cups are not purchased/provided at coffee stations; employees are expected to bring their own mug. Commonly used reusable items have been stocked in the Public Works Yard breakroom (cups, mugs, plates, bowls, cutlery) and City Hall (reusable cups). Employee events often use reusable plates and cutlery and require employees to bring their own drink/cup. Recycled copy paper is purchased for almost all City facilities (there are select copiers which are very old and due for replacement, but cannot function well with recycled paper). City Council meetings no longer provide disposable cups for the public, but now utilize reusable cups. The City has an Environmental Purchasing Policy. The City also received a Green Report from Office Depot, where 15% of 2018 purchases were "Light Green to Dark Green" and 11% of 2018 purchases were "Mid-Green to Dark Green Purchases." The Fleet Division has been making an effort to purchase alternative fuel or electric vehicles during the annual Fleet Replacement process.

PALOS VERDES ESTATES: In accordance with the City's purchasing practices, the City purchases recycled-content office products and encourage employees to take advantage of "reusable" products. City Staff will work with suppliers to obtain and provide a comprehensive report of recycled material content purchased by the City. The City's purchasing policy is designed to comply with all pertinent post mfg recycle requirements when purchasing materials for City use. The City is working to establish a reporting system to track the quantity of recycled content in office supplies.

POMONA: The City has an Environmentally Preferable Purchases and Practices Policy in place. In 2018, the green purchasing report indicated 47%.

RANCHO PALOS VERDES: Currently, there is an Environmentally Preferable Purchases and Practices Policy for City facilities and/or projects. The 2018 Office Depot Green Usage Report noted that 28% of purchases were "light green" to "dark green."

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. A report pulled by Office Depot shows 51% of the City's total purchases to be Green.

ROSEMEAD: City staff continues to buy recycled-content materials such as paper, paper towels, toilet paper, as well as recycling/reusing existing office supplies when possible. In 2016, the City updated their Environmental Purchasing Policy.

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 2018, 37% of office supplies purchased by the City through Office Depot were either refurbished, remanufactured, or post-consumer recycled. The City continues its battery collection and recycling program as well as the lamp and mercury-containing device collection programs. The City spent a total of \$20,526.00 on "green" purchases through Office Depot. In 2018, the City

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purchased a total of \$60,813.00 of "green" janitorial supplies, where 87% of the total janitorial purchases were classified as green.

TORRANCE: In 2002, the purchasing policy was put in place. Many departmental efforts are being adopted in accordance with the policy, including: 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 \$51,955 worth of recycled-content materials, or about 35% 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: 245	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. The district's food services division works with school site aides to collect nonperishable, uneaten food items and have them returned to the district office, where they are donated to Food Finders. Also, each school is given discretion to have a share table where students can place unwanted food items for other students to take.

BEVERLY HILLS: Waste from all schools in the City is processed at the Material Recovery Facility in Sun Valley, CA and is reflected in the annual tonnage report under commercial. Currently, a Food Waste program is being implemented at the local high school. The high school's cafeteria is where all of the food from Beverly Hills schools is prepared. All of the food waste material is placed in the high school compactor and is processed at MRF. In 2018, a storm water/ anti-litter and recycling presentation was given to the elementary school by City staff.

DUARTE (245.00 tons): Since 2007, the District began having all trash sorted through a MRF through its hauler. In 2018, they recycled approximately 245 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 for its two schools within the district. The City and franchise hauler conducted food waste assessments at the two school cafeterias to determine the current amount of food waste being disposed of. They also discussed options for implementing a food separation and collection program in the cafeterias. Food recovery of produce and beverage cartons not consumed were collected by the students for reuse at the Share Table. Cafeteria staff will be educated in the best food waste reduction management practices, including topics like purchasing in bulk and preparing pre-cut food products. The School District's two schools continue to practice double-sided copying and source separate paper.

LOS ANGELES:

Sanitation (LASAN):

LAUSD Program Educational Presentations: Republic Industries has the LAUSD refuse/recycling contract and provides education to students through its subcontractor. LASAN makes recycling presentations to children attending City Recreation and Parks facilities' after-school and summer camp programs.

MANHATTAN BEACH: The City's hauler, Waste Management, is required to perform an annual minimum of 500 outreach hours in the schools. In 2018, they performed a total of 503 hours. 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—accumulating to a savings of more than \$10,000 a year. As part of the franchise agreement to assist with school source reduction, WM provided 392 reusable lunch box kits with WM keychains attached, a program for all incoming first grade students enrolled in MBUSD elementary schools. The City's hauler sent out back to school letters, district wide, offering recycling services and outreach (including assemblies and touch a truck events). WM worked with school staff and Grades of Green to continue implementing food waste diversion programs at various schools including: 5 elementary, 1 middle, 1 high school and 1 private school. The middle school organics program received an extra boost thanks in part to local MBMS student Ethan Crowley who created unique triple-stream stations on campus. WM met with Student Sustainability Ambassadors & maintenance staff to improve campus wide organics implementation. WM worked with MC High School students who collected batteries on campus, raising education for proper disposal of sensitive materials like those used for handheld electronic devices. WM continued to support MBUSD as well as other schools (private/preschool) in MB through event box donations, MSW/Recycling services and event assistance during events. WM met with Grades of Green several times throughout 2018 to discuss collaborative efforts to increase food waste/recycling diversion. WM attended several events supporting Grades of Green including the annual gala, Verte. As the official Green Partner for Verte, WM worked with their Executive Director, Susan Warshaw to successfully reduce waste and minimize their environmental impacts. Grades of Green and WM utilized compostable plates and forks, served food buffet style to reduce tableware waste, placed organics carts in catering food prep areas and clearing plates. WM worked extensively in 2018 with Grades of Green and MBUSD students on their water conservation campaign, by encouraging students to conserve water at school, eliminate the use of plastic single use water bottles, and overall improve conservation in their communities. WM worked closely with the MB Education Foundation to collaborate in addition to the contractual donation

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with WM. WM attended several events throughout the year to support the MB Education Foundation (ie MB Ed Foundation Wine Auction). WM participated in the MBUSD Green Meeting with key educational stakeholders including Grades of Green, MBUSD staff and City staff to discuss new district initiatives, and give feedback for new program implementation. WM helped schools with annual Pride Day Clean Up events which included activities such as collecting green waste and additional free, in-kind services. 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 MB 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." Most if not all of the elementary schools are getting creative with their efforts to encourage their students to help reduce and prevent waste. 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 in the future. 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: The City has implemented grasscycling, serving lunches, surplus sales, and paper reuse 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 elementary schools practice the use of share tables to prevent food waste. Using share tables is an innovative strategy to encourage the consumption of nutritious foods and reduce food waste.

RANCHO PALOS VERDES: The City sponsored an Earth Day assembly at one of its elementary schools. The City continues to notify both schools and teachers of the County's recycling workshops and grant opportunities aimed at educators. All assembly opportunities are free to the schools, and one Earth Day assembly was even provided by WM. One of LAUSD's schools has a "share table" on campus.

ROSEMEAD: All schools have active recycling programs on campuses.

SIERRA MADRE: Local school programs continue to make it a priority to produce sustainability conscious children in Sierra Madre. "Super" Volunteers at Sierra Madre Elementary School and Sierra Madre Nursery School engaged with staff for support on native landscaping maintenance and the organization of sustainable landscaping curriculum.

SOUTH GATE: All schools in South Gate are part of the LAUSD. Recycling at these schools is handled by the LAUSD contracted hauler. However, the City still encourages these schools to participate in recycling. In 2018, all schools 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 addition, Waste Management has been working with local schools in educating students on proper recycling.

TORRANCE: The school district switched to milk bags from milk cartons in an effort to reduce waste. Schools are putting in an effort to make a difference by providing internet systems and websites for principals and teachers to communicate with students and parents, promoting online research, utilizing 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. At least 10 of our schools have gone through the Grades of Green Trash Free Lunch Challenge, learning to bring Zero Waste lunches, promoting recycling, composting, and waste reduction at the schools. The City purchases and donates equipment to the schools to support their efforts and recognizes each participating school at a City Council meeting around Earth Day.

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: 20.33	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: The City has an Office Recycling Program, which makes use of both 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, where each office subscribes to a mixed-

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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. In order to limit the use of disposable materials, Staff uses ceramic dishware and stainless steel utensils. Staff also makes a conscious effort to make double-sided printing and/or copies, reuse older files as scratch paper, and recycle ink cartridges. Furthermore, all staff members have a recycling bin at their workstations to facilitate proper disposal of materials.

DOWNEY: The City encourages proper environmental procedures by adopting practices such as xeriscaping, duplex copying, paper reuse (side or scratch pads), junk mail reduction, supplies and furniture. The City sends all of its old durable goods such as cars, furniture, appliances, equipment, and parts out to auction.

DUARTE: The City subcontracted landscaper produces wood chips from tree trimmings and uses them as weed abatement and/or for visual improvement. They also engage in grasscycling at parks and medians. Generated compost is put back to use in areas that the City maintains. Since 1988, the city has initiated paper recycling for all city hall employees. The practice is still in place with continuing internal education and outreach for new employees, along with the use of double-sided copying.

HERMOSA BEACH: The City continues to mulch and grasscycle (est. 47.39 acres of City Parks, ball fields, and Green Belt). City departments continue to practice double-sided copying and returned 43 Hewlett Packard inkjets / toner cartridges to the 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, such as duplex printing and reusable mugs.

LOS ANGELES (19.66 tons):

Airports (LAX):

Office Source Reduction: No known changes or improvements to the program.

Lease Agreement: No known changes to lease agreements.

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 (POLA):

Duplex Printing & Copying: Duplexing/scanning programs continue.

Non-Food Item Donations: Port Salvage program continues (1.63 tons). Also, clothing (0.15 tons), toy (0.03 tons) and linen collection/donation program (0.37 tons) are ongoing.

Single-Sided Paper Reuse: Copy Center produces scratch paper pads from paper printed on one side.

Los Angeles Zoo:

Source Reduction and Reuse Practices: Continue office and beverage container recycling throughout facility. Materials are collected by City Facilities Recycling and are included in their data.

Water Pressure: Program eliminated.

Computerized Landscape Water Management System: Continue to look at equipment and opportunities to minimize hand watering.

Alternative Fuel Vehicles: Continue to work with GSD through the normal vehicle replacement plan.

Recreation and Parks:

Soil Reuse: We have met our goals and projections for processing soils for Departmental projects.

Greenwaste Grinding: We continue to recycle 100% of our greenwaste and use it to mulch our parks for turf reduction and water savings.

Sanitation (LASAN):

Pen Recycling: The pen, highlighter, and marker recycling program was resurrected in 2018 after a new sponsor was identified. 0.03 tons were recycled in 2018.

Other Donation Activities/Promotion: The City continues to collect used greeting cards; eyeglasses, sunglasses, and cases; CDs/DVDs and diskettes; athletic shoes; and (personal) cell phones at its permanent donation tabless. In addition, several donations of miscellaneous items were collected.

CitiMAX Program: There were 52 successful exchanges of materials in 2018 totaling 0.90 tons. LASAN is considering a revamp of the program that would revise this bulletin board-style system to one that is interactive.

Reuse Donation Drives: The City held six reuse donation drives for City employees, collecting used linens, toys, non-perishable foods, women's professional clothing, takeout utensil & condiment packets, and miscellaneous supplies (for kids' art projects). These collections totalled 3.97 tons.

Water and Power (LADWP):

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 where some are sent to the furniture bid rolloff; the materials are then

sold and or recycled/reused. This program is promoted via recycling bids and/or advertised in the 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. 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 and 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 (0.01 tons): 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. To promote paperless activities, the City utilizes the document management system, Laserfiche. It allows the public to view documents such as agenda items, resolutions, contracts, and 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 landscaping projects, staff requires a xeriscape design. In late 2018, the City started a recycling program with Office Depot that resulted in 18.54 lbs of toner cartridges reused.

MANHATTAN BEACH: The City Hall Green Team formed to improve environmental practices at City Hall for both employees and visitors. There continues to be an 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 City posts agendas/minutes to meetings online for the community. E-notifications such as: City's Facebook/Twitter/NextDoor accounts and InStory Online Ads in the Beach Reporter are core outreach methods for advertising. City P.D. uses a Nixle system to notify the community of major traffic issues, community safety issues, etc. Staff reuses old draft budget documents for scratch paper. The Public Works Department discontinued purchasing any paper disposable cups in late 2017; instead opting for reusable mugs, glasses, plates, silverware, and bowls stocked in the breakroom for both staff and visitor use. In 2018, City Hall no longer purchased disposable cups for coffee/water stations; instead reusable cups were purchased for water and every employee was given a City travel mug for use at work. Employee events often use reusable plates, cutlery, etc. All excess food from employee events or Council Meetings is given to Fire, P.D., or P.W. staff to eat; no food goes to waste. The City has multiple drought-tolerant landscaping locations, which require reduced amounts of water and utilizes recycled water in all parks and medians. Contractors often email documents such as building plans, C&D recycling tickets, etc. to save paper. The City has a subscription to "Workplace" (Facebook at Work), which provides a platform for all the staff in 9 facilities and fields to promote employee events/programs/happenings, praise, casual notifications, share holiday cards/photos/vacation pics/sell trade buy unwanted goods all without generating a single paper flyer. The City began the procurement process for a new ERP system to convert all payroll from a paper process to an online process, along with making the contract management and finance system have greater online accessibility. There are Mutt Mitt dispensers/bags in 23 areas, providing pet waste bags for community members to properly dispose of pet waste. Double-sided printing is the default setting on every printer. Polystyrene is strictly banned from City purchasing. Through the City's MB Fit employee health program, reusable hot/cold beverage containers were given to employees upon attending their first MB Fit health event. There are currently over 150 public recycling cans in the public right-of-way. In 2018, the City greatly reduced overflow issues in the Downtown area by installing 7 Big Belly Solar compacting recycling units and 7 compacting trash units. Deskside recycling bins and common-area recycling slim jims (mostly for paper) are given to all staff and replacements are made available to all staff. City Council utilizes water pitchers at Council meetings to avoid the use of single use water bottles. City Council is exploring the feasibility of adopting Community Choice Aggregation for Manhattan Beach to bring renewable energy alternatives to the community. The 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. The residential program began Sept 1, and the commercial program began Aug 1. 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 standardized system of measuring those emissions and monitoring climate risks. The City continues to provide outreach promoting waste reduction. Pay As You Throw rates for waste are structured to incentivize landfill waste reduction. The City hosted an environmental outreach booth at the Hometown fair (2 day event) presenting an environmental quiz game which results in awarding community members with prizes made from recycled material.

PALOS VERDES ESTATES: The City encourages staff to reduce waste by reusing materials, as well as using reusable cups and utensils. The City's purchasing policies makes an effort to buy recycled content products when getting supplies for City Hall. City Hall printers are by default set to print double-sided copies. Employees are provided individual desk-side recycling containers, as well as having recycling containers placed throughout City Hall, PVE, PD, and FD.

POMONA: The City's departments continue to practice duplex copying, paperless activities, electronic agendas, applications, purchase orders, e-files, and returning ink to vendors for reuse. Recycling bins are provided to employees for their desks and throughout City Hall. The City encourages staff to reduce waste by reusing materials and purchasing

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recycled materials.

RANCHO PALOS VERDES: The City practices sustainability principles whenever possible, such as double-sided printing and purchasing recycled-content material used for documents like Council packets. The City is making an initiative towards going paperless; therefore many documents are being reviewed electronically to save paper, and email is used to transmit memos. The use of reusable utensils and serveware is optional. The City also uses goats to clear brush areas and reduce greenwaste management needs.

REDONDO BEACH: To limit paper consumption, laser printers are set to print double sided for all documents including the City Council agenda. The process has also been streamlined by making documents available online.

ROSEMEAD: As part of the City's Beautification Plan, sustainable efforts have been endorsed, including resurfacing Garvey Avenue in early 2018 with rubberized asphalt concrete, which uses crumb rubber grinded down from recycled tires mixed into the asphalt. Crumb rubber was also used in the walk paths for Jay Imperial Park, completed in the Summer of 2018. The City posts Council agendas, staff reports, and RFPs online, as well as having Council Members use iPads rather than printed copies. Also office printers are set to double-sided printing.

SIERRA MADRE: The City continues to reuse and repurpose office furniture throughout the various facilities and departments.

SOUTH GATE (0.66 tons): The City has a policy which encourages 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, limiting printing, and utilizing electronic methods of communication). Each employee's 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 its 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 2018, 0.66 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. Similarly, residents are now able to receive their payment electronically and pay their bill online. City Council has also adopted a paperless approach. During council meetings, they use tablets to review documents, such as Agenda Bills instead of printing out hard copies. Similarly, the Department of Public Works Sewer division has also gone paperless. All work orders and service requests are now digital.

TORRANCE: The City's employees regularly practice a number of source-reduction activities, including: double-sided copying, use of ceramic mugs and metal utensils, increased use of email and memos, an internal exchange program, and reuse of pallets, all of which have 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.

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: 497.19	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: Over 40 garage sale permits were distributed at City Hall in 2018. This reflects the data collected from June to December 2018, however the data from January to May 2018 was lost.

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: Several thrift shops exist in the city, allowing residents to be able to purchase used items. There were 3,800 residential garage sale permits issued in 2018.

DUARTE: The City issues a maximum of two no-fee garage sale permits per address per year. There are no thrift shops located in the community at this time.

HERMOSA BEACH: The City sponsored and promoted the annual Community-Wide Garage Sale with approximately 150 households participating: <http://www.hermosabch.org/index.aspx?recordid=4830&page=52>. City permits for garage sales were waived for the Community-Wide Garage Sale and items not sold were collected by Goodwill, Habitat for Humanity, and the Salvation Army for resale. The City issued 34 individual garage sale permits. The Hermosa Beach Library continues to promote and operate its Bard Street Bookstore selling used books, and conducts Friends of the Library Used Book Sales throughout the year. The City and solid waste consultant continue to encourage businesses to use CalMAX www.calrecycle.ca.gov/calmax and LACoMAX <https://ladpw.org/epd/lacomax/>. The City has many vintage secondhand

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furniture and clothing stores.

LOS ANGELES (495.69 tons):

Sanitation (LASAN):

L.A. Shares: L.A. SHARES is a 21st century web-based philanthropy that takes donations of new and gently used goods from local businesses and individuals and redistributes them free of charge to City of Los Angeles-based schools and nonprofit organizations. LA Shares continues to accept donations at their two warehouses, as well as accepting donations online. Teachers can participate on the online lottery system. In 2018 LA Shares received 601 donations totaling 495.69 tons and 5,219 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 2018, the City issued over 1,000 yard sale permits to residents. The City also acknowledges the business of 1 second hand/consignment store, 2 pawn shops, and 3 cell phone repair/reuse stores.

MANHATTAN BEACH: There were 46 garage sale permits issued in MB during 2018. There is one Goodwill store and one Children's Orchard in Manhattan Beach. Children's Orchard accepts used children's clothes, gear, toys, and books that are kept in good condition in exchange for store credit or cash. Everything in the resale store is greatly discounted; they even hold promotions such as \$1 days and "fill a bag" events where customers receive a bag upon entry and can have as much as can fit in the bag for \$5. Some businesses choose to house private donation boxes for clothing and shoes in their parking lots, although these can sometimes become a hotbed for illegal dumping. The City's Code Enforcement division works closely with Public Works to identify private donation bins that are problematic and works directly with property owners to resolve the issue quickly. As part of the franchise agreement, WM hosts both a halloween costume drive and a shoe drive. The Community Shoe Drive, arranged by Waste Management along with four MBUSD schools, took place in Sept/Oct 2018. Collection boxes were placed at each school office over two weeks in Sept/Oct. Almost 200 pairs of shoes were collected and donated to the Long Beach Rescue Mission. The Halloween Costume ReUse Program, also arranged by Waste Management along with four MBUSD schools, hosted a costume collection drive. WM Collection boxes were placed at each school's office in early October 2018. About 5 bags of costumes were collected and donated to kids in need.

POMONA: The City has 2 thrift stores (Veterans Thrift Store and Acts Thrift Store) and 3 Goodwill Centers. Yard sales are held on the first consecutive Friday, Saturday, and Sunday of March, June, September, and December (no permit is required). Additional information is available on the City's website.

RANCHO PALOS VERDES: The City promotes LACoMAX on its website and in its Business Recycling Program Resource Directory. The City encourages the donation of usable items such as furniture in its outreach flyers to businesses, single-family residences, 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, the Salvation Army, and Aardvark allowing residents to sell or purchase pre-owned items. The City sends all of its old durable goods such as cars, furniture, and appliances to be sold at auction.

ROSEMEAD: The City continues to be a leader in promoting the importance of donating and exchanging materials. In 2018, the City publicized Fall and Spring Recycle Today, which are articles about material exchange. So Cal Edison hosted a Community Yard Sale in their parking lot.

SIERRA MADRE: The Woman's Club in Sierra Madre runs a nonprofit thrift shop throughout the year, promoting an average of 3 events per year on special events to increase participation. The City continues to sponsor a yearly Community Yard Sale, where all unsold items are donated to material exchange organizations. Participation in the Community Yard Sale has increased to the extent that additional space has been added to the event to accommodate the larger attendance. The Community in general is also a big supporter of residential yard sales, obtaining 123 permits in 2018.

SOUTH GATE (1.50 tons): The City encourages businesses and residents to use the CalMAX and LA County's LACoMAX exchange programs, along with the Freecycle program. Both libraries in the City collect used books for the community. During 2018, the City of South Gate donated 1 ton of clothing to the Salvation Army during the annual Earth Day event and 0.5 tons of paint to local churches and Teen Challenge.

TORRANCE: The City promotes Freecycle and LACoMAX. There are several Goodwill and Salvation Army drop-off sites citywide. The City continues to promote Food Finders, Food Forward, and the Habitat for Humanity Store locations in Torrance. Many grocery stores and restaurants donate to food banks. Our main library holds several reuse book sales each year. The Downtown Torrance area hosts many thrift and antique shops.

1070-SR-OTH (Other Source Reduction)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 111	Selected in SRRE: Yes

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		Owned or Operated: Yes
Jurisdiction Notes: LOS ANGELES: Airports (LAX): LAX participated in 78 source reduction drives in partnership with LASAN and LA County. The drives are: 1)used linen drive, 2)gently used toy collection, 3)eyeglasses and eyeglasses cases, and 4)used phone recycling. Sanitation (LASAN): Reusable bags are continuously distributed at public outreach events. RANCHO PALOS VERDES: The City hands out recycled-content reusable bags, pens, etc. at events. SIERRA MADRE: City Council and Commissioners have become accustomed to electronic agendas and staff reports, as a result printed material is generally limited to site plans or other specific needs. SOUTH GATE: In 2019, the City of South Gate plans to install four locations for EV charging stations, including: City Hall, the Police Department, and Public Works Corporate Yard. TORRANCE (111.00 tons): The City is continuing reusable bag giveaways, some exchanges with plastic bags (through storm drain pollution outreach), as well as distribution of reusable straws, utensils, and water bottles. The City also promotes the use of Food Forward to help distribute the overabundance of seasonal fruit trees or other crops in residents' yards. They also work with our biweekly Farmer's Market and distribute some of their leftover materials. The tonnage of food recovered by Food Forward is 27 tons from the Farmer's Markets and resident's harvests and 84 tons from Food Finders, a food rescue organization. LARA Cities: Distribution of reusable bags, SKOY washable towels, and other promotional products that emphasize source reduction, reuse, and recycling continue in all LARA cities.		
2000-RC-CRB (Residential Curbside)		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 200285.87	Selected in SRRE: Yes
		Owned or Operated: No
Selected Program Details: 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 Single-family residences Multi-family residences Commingled (Single-stream) Mixed Waste Processing at MRF Polystyrene/Styrofoam		
Jurisdiction Notes: ARTESIA (3,044.99 tons): The City's hauler promotes curbside recycling in their own literature (mail, newsletter) throughout 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, green waste). BEVERLY HILLS (10,659.88 tons): The City continues to engage in a two-stream system. Recyclables and refuse are placed in one container, while greenwaste is collected in a separate container. All of the collected material is sorted at the Material Recovery Facility through an agreement with Athens Environmental Services. The City of Beverly Hills delivers all its residential material to Athens Environmental Services (MRF) and Crown Recycling Services. The City depends on Athens Environmental Services and Crown Recycling Services to process all of the material delivered. The residential collection service is mandatory and utilizes 300-gallon and 96-gallon containers, resulting in a 42.31% total residential diversion. BRADBURY (33.27 tons): 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. There were a total of (4) red tags in 2018. DOWNEY (3,682.89 tons): The City's residential curbside service employs 96-gallon recycling containers given to all single and participating multifamily units. In 2018, 3,682.89 tons of recyclables were diverted. DUARTE (1,076.66 tons): Standard residential service includes a 60-gallon recycle barrel. Residential monitoring is conducted by the City's franchised hauler, Burrtec Waste. The hauler noted the residential recycling participation rate was 99%. Red tags are placed on contaminated residential recycle containers to explain why barrels were not dumped, which also ask customers to call Burrtec's Customer Service Department. Additionally, since the rollout of AB341, the City has provided recycling to 85% of all multifamily structures.		

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HERMOSA BEACH (2,624.00 tons): The franchise hauler reports 2,436 tons of commingled residential recycling and an additional 188 tons recovered from mixed-waste processing. Materials recovered through mixed-waste processing include paper, cardboard, glass, plastics, and mixed metals. Additionally, the hauler provides: 20-, 35-, 64-, and 90-gallon waste bins; residential customers select the size of their waste bins based on their anticipated disposal rate and receive a correspondingly sized recycling bin. 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 the residents choose the 64-gallon bin. The commingled recycling bins are collected one time per week through an automated system. The franchise hauler continues to mail the Earth Wise Newsletter quarterly to residential accounts with information on community events including document shredding, e-waste collection, Compost Giveaways, and the Christmas tree collection program. The franchise hauler continues to provide an online Bulky Item Request Form to residents:

https://athensservices.com/bulkyitempickup/?doing_wp_cron=1554910783.8086779117584228515625. Residential recycling bins are taken to RockTenn Recycling Facility in Torrance, California, for processing. The franchise hauler uses CNG vehicles for the collection of residential recycling and waste bins. Residential Waste and Recycling General Information can be found on the City webpage: <http://www.hermosabch.org/index.aspx?page=663>. Residential Services franchise hauler webpages:

https://athensservices.com/residentialservices/cityofhermosabeach/?doing_wp_cron=1555695069.5021290779113769531250

HIDDEN HILLS (441.12 tons): The City's exclusive franchised waste hauler, Waste Management, provides recycling collection carts, which are serviced via valet service. In 2018, 441.12 tons of recyclables were collected.

LOS ANGELES (132,269.11 tons):

Sanitation (LASAN):

Multifamily Blue Bin Recycling Program: This program was fully transitioned into the recycLA Commercial Franchise Program. All tonnages collected from multifamily residences are reported in the recycLA Commercial Franchise reporting. **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. (Tonnage does not include contamination.)

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 need to be made at least one day before a regular collection day to ensure removal of items. Bulky items are collected on the day of regular trash collection.

LYNWOOD (2,400.47 tons): In 2018, 2,400.47 tons were recycled through use of a 2-Cart mixed-waste program.

MANHATTAN BEACH (4,801.03 tons): Citywide automated residential curbside recycling impacts over 13,000 households. Materials are commingled in one blue recycling cart that accepts: plastic, glass, metal, and paper. In 2018, over 12,000 residential carts were used at residential homes citywide, which offered: 35-, 65-, and 95-gallon sizes. There is no additional charge for recycling.

PALOS VERDES ESTATES (6,633.08 tons): The mandatory (100% participation) weekly collection provides a 96-gallon bin or recyclables to property owners and gives them the choice of manual or "valet" service. The City has issued a 5-year franchise hauler intent letter in December 2017.

POMONA (5,598.58 tons): The City's residential service includes a 96-gallon blue recycling container. A waste assessment is conducted on a specific route, and a white tag is provided as positive reinforcement and education. Red tags are placed on contaminated residential recycling bins which provide an explanation as to why the barrels were not emptied in hopes of educating the residents for the next pick up.

RANCHO PALOS VERDES (5,085.19 tons): Residential curbside collection of recyclables is provided to all single and participating multifamily units. The City continues the variable-rate cart system to encourage trash reduction. In 2018, 4,242.48 tons of recycling was collected from single-family residents and 842.71 tons were collected from multifamily accounts.

REDONDO BEACH (6,689.59 tons): 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 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 residents free of charge once a week for up to 4 items.

ROSEMEAD (1,151.74 tons): In 2018, the City's hauler promoted the Clean, Empty, Dry education program to advocate clean recycling. All education is promoted on the City's and hauler's websites where community newsletters and community events are written in four different languages. The hauler launched the Clean, Empty, Dry program at the Area Watch meeting.

SIERRA MADRE (747.04 tons): The City continues to work with its hauler to promote the "Pay As You Throw" trash rates.

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Residents are encouraged to purchase the smallest size and quantity of waste cans and take advantage of the recycling and green waste cans which are provided without charge.

SOUTH GATE (3,822.23 tons): Waste Management provides residential MSW and recycling services to the residents of South Gate. In regards to residential recycling, Waste Management collected and diverted a total of 3,822.23 tons of recyclables. Residential recycling is mandatory in South Gate. The City has a variable rate for trash service and recycling is free to residents. Scavenging of recyclables continues to be a hurdle for the City. The City monitors the effectiveness of all programs.

TORRANCE (9,525.00 tons): The City has provided residential curbside recycling to its residents since 1991. Commingled collection applies to single-family homes, as well as duplexes, and some 3- or 4-unit complexes, totaling an estimated 29,500 units. The current program is automated, with the option 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: 301.48	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 promote Los Angeles County Household Hazardous Waste and electronic waste roundups in neighboring communities using the City's newsletter and Connect CTY, which is an opt-in mass communication system that sends out voice messages, texts, and emails.

DOWNEY: Multifamily residents are able to drop off their Christmas trees at the City's maintenance yard, while all other residents have their Christmas trees picked up by CalMet Services.

DUARTE: All City buildings have recycling containers and bins, which are also provided at all City events. Local grocery stores have buyback options. The City conducts two large item cleanup events per year that also offer SHARPS and e-waste collection in addition to paper shredding. The events are heavily promoted in the City newsletter, website, electronic sign, Twitter, and via the 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 provide Christmas tree recycling to all City residents. <http://www.hermosabch.org/index.aspx?page=21&recordid=5627>. Residents are encouraged to take HHWE to Los Angeles County S.A.F.E. drop-off centers and more information regarding HHWE roundup events can be found at: <http://www.hermosabch.org/modules/showdocument.aspx?documentid=498>. The City and franchise hauler continue to post HHWE collection events on their websites.

HIDDEN HILLS (3.23 tons): 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 2018, 1.55 tons of C&D debris and 1.68 tons of metal were dropped off by City residents.

LOS ANGELES: Residents can drop off recyclables at all Solid Waste yards.

MANHATTAN BEACH: A24-hour pharmaceutical drop-off box is located in PD/FD lobby and accepts both controlled and uncontrolled substances. Residential battery drop-off locations can be found at 5 city facilities: City Hall, PD/FD lobby, Public Works lobby, Joslyn Senior Center, and Manhattan Heights Community Center.

POMONA: The City offers a community cleanup event every spring for each district (6 districts total). Flyers and notices are made available electronically to residents to promote events. Additionally they are also posted on the City's website, social media, City Hall, 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 the City's Public Works Yard. Additionally, the City has household battery drop-off boxes throughout City facilities including parks and senior centers.

ROSEMEAD (298.23 tons): Residents continue to drop off used books, and bicycles at the Republic Services office located in the Chamber of Commerce. The books are donated, while the bikes are first refurbished then 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 especially busy around the holidays.

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.

TORRANCE (0.02 tons): There are a few drop-off options within the City. Several businesses also take different types of materials for recycling. A City ordinance restricting the number of drop-off containers allowed in the City, along with permit requirements, should eventually lead to a tracking mechanism for clothing donations. 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: 2565.77	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: There are 3 buy-back centers that collect CRV glass, aluminum, and plastic.

DUARTE: The City is continuing to promote buy-back efforts at a center located within a mile of the City in the neighboring City of Monrovia.

HERMOSA BEACH (514.00 tons): CalRecycle reports 13 tons of aluminium, 460 tons of mixed metals, 20 tons of PETE, and 21 tons of HDPE. Total aggregate tonnage diversion is 514 tons.

LOS ANGELES: There are several buy-back centers located at grocery stores within the City of Los Angeles.

LYNWOOD (1,304.77 tons): There are 3 buy-back centers in the City. In 2018, 1,304.77 tons of aluminum, glass, plastic, and bi-metal were recycled.

MANHATTAN BEACH: City staff has reached out to CalRecycle in regards to CRV redemption center status in Manhattan Beach whether they are exemptions or non compliant. Trader Joe's has been rejecting customers trying to redeem CRV containers. The closest confirmed redemption center is in Redondo Beach. As part of the franchise agreement, the City's hauler requires assistance in identifying producer responsibility business opportunities in the community.

POMONA: The City has a few businesses that offer buy-back. Materials accepted are aluminum, cardboard, glass, plastics, newspapers, magazines, and scrap metal, which includes: stoves, refrigerators, washers and dryers, and all types of steel.

RANCHO PALOS VERDES: City provides information on buy-back centers in neighboring jurisdictions.

REDONDO BEACH: No buy-back centers are located within the City. The City promotes outside recycling centers on our website. The City has the beverage container recycling centers next to supermarkets.

ROSEMEAD: The City has one recycling center. The 2017 DOC Aggregate Volumes reports the pounds collected as follows: 31.19 Aluminum, 173.81 Mixed, 86.36 PETE, 6.36 HDPE, 64.8 Other Plastic.

SOUTH GATE: There are 3 buy-back centers located in the City that all accept CRV-approved material. Facility locations can be found on the CalRecycle Beverage Container Recycling Centers website.

TORRANCE (747.00 tons): A number of buy-back sites, privately owned, are operated in the City offering residents and those without curbside collection an opportunity to recycle. As with most programs, we make an effort to promote through our website, brochures and other outreach activities. The data is collected from the state buy-back 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: 155179.33	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:

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 | Multi-family residences | Commingled (Single-stream) | Source separated | Mixed Waste Processing at MRF | Polystyrene/Styrofoam | Large Generators (4.0 cy/week)

Jurisdiction Notes:

ARTESIA: 138 businesses and 34 multifamily homes are subject to AB 341. All commercial and multifamily waste is recycled through mixed waste processing. The City and its hauler continue to promote the AB 341 mandate and provide tips for source reduction and recycling through brochures and service guides. 90-gallon and 3-yard bins are available for customers to utilize for mixed recycling. Print education: Recycling guides are sent out to MF and community customers once a year (new customers are provided with a guide and proposal at startup) Electronic: CR&R website, City website Direct contact, new customers are visited within the first 2 weeks of starting service, all commercial and MF customers are visited once a year, CR&R public education continues at city events.

BEVERLY HILLS: Under the City of Beverly Hills Franchise agreement, the City operates a two-stream collection system. The trash and recycling are collected together as mixed waste, separated from the organics and green waste. All of the mixed waste material is source separated in Sun Valley, CA, at Crown Recycling Services. When setting up new businesses, City's customer service and hauler field representative inform new customers of the two-stream system. Additionally, recycling bins are available for businesses who desire to separate their recyclables if they have the space.

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Education and outreach materials are available on the City's webpage as well as the hauler's webpage. Fliers and brochures are available at the public counters, in the Public Works building, City Hall, and Public Library. The City provided community outreach during Earth Day, Public Works Day, and the Beverly Hills Night Out event. Additional information is available on the MCR spreadsheet.

DOWNEY: There are 677 businesses covered, and only 30 are not recycling. There are 573 multifamily units covered, while 91 are not recycling. Space constraints often restrain multifamily properties from recycling. The franchise hauler in conjunction with the City sends information state mandates for AB 341 to all covered generators in the City.

DUARTE: With the onset of AB 341 & AB 1826, Burrtec, the City's licensed hauler, continues to encourage commercial recycling through the creation of individualized programs for each site. There are 198 businesses subject to AB 341, and 58 who are not recycling. There are 80 multifamily dwellings subject to AB 341, and 18 are not recycling. Print: Burrtec website and City website both promote AB 341. The City website also has a link to the LARA website. Electronic: Commercial newsletters are displayed on the hauler's website. Direct Contact: Direct mailings, chamber presentations, and audits.

HERMOSA BEACH: See MCR section of report.

HIDDEN HILLS: The City maintains contact with the only AB 341-regulated facility in the City, a school, and offers assistance in maintaining their compliance. The school currently does have a recycling program. The only other commercial facility in the City is a realty company (which does not meet threshold for AB 341) that does recycle their paper and generates minimal waste which does get picked up by WM. In 2018, 253.99 tons of recyclables were collected from bin service, which includes residential bin service.

LOS ANGELES:

Airports (LAX):

Commingled source-separated container recycling: Per MSD, during 2018, LAWA had 573.46 tons of commingled recycling that were taken to City Fibers transfer station.

Harbor Tenant Diversion:

Commingled Recycling: 354.22 tons commingled recycling (Athens), 13.17 tons cardboard, 1.53 tons used beverage containers. (22 tenants, 10 responded)

Sanitation (LASAN):

Mandatory Commercial Recycling: The 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.

Water and Power (LADWP):

Commingled Rubbish: The LADWP has a Commingled Rubbish program collected from John Ferraro Building (JFB) and other DWP facilities. The small/medium trash receptacles empty into larger bins and are serviced by LASAN. Commingled rubbish is sent to a MRF and recyclable materials are separated and sold as a commodity.

LYNWOOD: The City's hauler offers a mixed-material recycling service for commercial and multifamily customers. In 2018, 2,454.91 tons were recovered. The City and its hauler continue to work with the commercial sector to increase compliance. A total of 220 businesses and 298 multifamily accounts who receive mixed waste processing were subject to AB 341 in 2018. Details are included separately.

MANHATTAN BEACH: Per LARA staff, include highlights only in this section. Tonnage includes commercial recycling & "Corridor" containers at Manhattan Village Mall (compactor & recycling bins).

PALOS VERDES ESTATES: The City approved Ordinance No. 18729 on February 13, 2018. The ordinance enables the City to enforce MCR and MORE regulations via administrative citation. The City advertised the passage of Ordinance No. 18729 in the City's newsletter (Summer 2018). The City regularly transmits participation data with each of the (3) permitted commercial haulers that participate in the City's open-market commercial system. Haulers frequently use the City's enforcement letters as a reference to market new services to commercial entities suspected of non-compliance.

POMONA: There are four non-exclusive franchise haulers approved to operate in the City. The haulers source separate, except for one hauler that provides a mix waste process. Each hauler conducts a waste assessment quarterly. The four haulers will be referenced as A, B, C and D in the report. (A: Athens, B: Burrtec, C: Valley Vista, D: Waste Management).

RANCHO PALOS VERDES: In 2018, five haulers reported collecting an (est. 566.12 tons) of recyclables, including non-inerts from C&D activity. The City and its haulers continue to work with the commercial sector to increase compliance. A total of 69 businesses and 39 multifamily accounts were subject to AB341; of which 27 businesses and 2 multifamily complexes were noncompliant. Details are included separately.

REDONDO BEACH: *See MCR worksheet

ROSEMEAD: The City and its hauler promotes mandatory commercial recycling at all Chamber and Community events.

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Both are very active in connecting with the business community. In December 2018, the hauler focused on multifamily recycling. Staff visited 162 locations to connect with managers, update our AB 341 locations, and identify any issues.

SIERRA MADRE: There are 41 commercial accounts in Sierra Madre and 28 multi-unit accounts that are subject to AB341. All of the accounts are in compliance.

SOUTH GATE: A total of 1,020.47 tons of recycling was collected by Waste Management from commercial customers in South Gate. The City of South Gate currently offers commercial recycling for all customers at approximately 50% of the MSW rate. At the end of 2018, Waste Management conducted a 3rd party recycling audit to verify the tons of 3rd party recycling in the City of South Gate. The audit found an increase in 3rd party recycling tonnages in the City of South Gate. In addition, Waste Management continues to push public education efforts to increase recycling participation and waste diversion. Efforts include: direct customer site visits, phone calls, emails, letters from Waste Management. Similarly, the City of South Gate has also made efforts to educate the community in the form of: social media, digital information found on City of South Gate and Waste Management commercial website, use of digital billboards, newsletters, presentations at local service organizations and Chamber of Commerce, and community events. In 2019, Waste Management will send a commercial bill insert newsletter informing customers about MCR and the new MORE threshold. For residential, Waste Management and the City of South Gate created and distributed recycling cart educational stickers to all South Gate residents.

TORRANCE: Torrance is an open city with a permit program for haulers to operate. They renew annually through the business license system. The Torrance Municipal Code requires all private haulers to comply with State diversion mandates. Private haulers are allowed to include third-party recycling tonnage from their refuse customers. The City offers free recycling containers to businesses under the Beverage Container Grant Program.

MCR update: 2018 MCR data provided by the haulers shows 1,496 business are subject to the requirements but 645 of those are without programs, as for multifamily units, 392 are subject to the law, but 210 are not participating.

2040-RC-SFH (Commercial Self-Haul)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 57826.79	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 do have the option to self-haul. There is currently one business in town that could assist with that endeavor.

HERMOSA BEACH: Grocery stores continue to backhaul recyclable materials including pallets, organics, cardboard, office paper, and plastic tote/racks. Landscapers are encouraged to self-haul green waste to landfills during the business licensing process. Unable to quantify diversion tonnage at this time.

LYNWOOD (2,445.63 tons): In 2018, the City's hauler conducted 200 site assessments to determine third-party and self-haul recycling activities by the business community. Between these and prior site visits, recycling is estimated to be 2,007.60 TPY for self-haul and 438.03 TPY for third-party recycling.

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 (1,400.00 tons): The hauler estimates approximately 1,400 tons of third party and self-haul are diverted annually.

SOUTH GATE (53,981.16 tons): Businesses can self-haul, backhaul, or use a third party to divert recyclables. In 2018, Waste Management conducted a commercial third-party audit to revisit the tonnages being reported to CalRecycle. Only businesses that were audited in the original third-party commercial recycling audit were contacted to update recycling tonnages. Based on the audit, Waste Management and the City of South Gate can claim, with certainty, that the third-party commercial recycling tonnage increased to 50,667.12 per year. This is an increase of 9,171.12 tons per year. It is important to note that this tonnage does not reflect all third-party recycling taking place in the City. After the other commercial customers are audited, the tonnage of third-party recycling will continue to increase. In addition, the City of South Gate self-hauls/third-party recycles a total of 3,314.04 tons/year.

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: Ware Disposal provides bins for schools and district offices to recycle paper products.

BEVERLY HILLS: Franchise hauler Athens Environmental Services collects mixed waste for all schools in the City of Beverly Hills. The mixed waste material collected from all of the schools is source 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.

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: The Hermosa Beach City School District includes two elementary schools. Both schools' waste streams are currently being sent to the franchise hauler's Materials Recovery Facility (MRF) for mixed-waste processing, where they recover mixed paper, cardboard, and mixed plastics. The City made an AB 1826 presentation to the Hermosa Beach City School District Board. The City and franchise hauler conducted waste audits at the two school cafeterias, Food Recovery included beverage cartons and produce to be placed on the Share Table. The City's school district and franchise hauler continue to develop and implement source-separated recycling programs, including food waste and 3Rs curriculum at the two elementary schools. The school district has replaced styrofoam food trays with cardboard food trays for use at the schools' cafeterias. The franchise hauler donated \$2,000.00 toward the replacement trays. The City is developing an ordinance mandating the use of reusable, single-use service ware in the school cafeterias. The pros and cons of biodegradables vs. bioplastics vs. compostables are being researched; the criteria for choosing one product over another will be based on the estimated methane gas generation of each product. 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 lunchtime. Grades of Green also sponsors The Garden Club with parent docents operating the school community garden, along with students participating in its operation. The franchise hauler continues to make donations 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:

LA Sanitation (LASAN):

Los Angeles Unified School District (LAUSD) Curbside Recycling: Beginning in 2007, LASAN established a pilot recycling program that offered free blue recycling bins and curbside service to all LAUSD schools located within Los Angeles. A high enrollment rate was achieved within the first several years. The program was later modified so that new enrollees had to be elementary schools. LAUSD is exempt from the recycLA commercial franchise program. One of the recycLA service providers (RSPs) is Republic Industries, which has the exclusive contract with LAUSD. Tonnage reported under Program 2000.

LYNWOOD: Lynwood USD's hauler provides recycling services. Each school within the Lynwood USD manages their own recycling. Some schools self-haul and use recycling as a fundraising opportunity.

MANHATTAN BEACH: All schools in Manhattan Beach (public and private) utilize the City's hauler recycling services. There is no additional charge for recycling to any school. The hauler performs annual waste audits on the school containers to increase diversion. Recycling containers are located inside classrooms, in common areas, and in cafeterias. The schools' recycling tonnage is folded in with the Commercial recycling tonnage. Only the MBUSD greenwaste tonnage is reported separately by the hauler. The City's hauler is required to perform a minimum of 500 outreach visits to the schools in Manhattan Beach. In 2018, they performed 503. Activity logs are required and submitted to the City on a monthly basis. The Clean Cart Challenge was performed again as part of the contract with the City's hauler; Mira Costa High School students performed a sample recycling audit of each route day and provided the "best recyclers" with one month free refuse service (20 winners annually). The City's hauler partnered with multiple schools in the district to host a

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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 2018, a total of 392 lunch box kits were distributed. WM outreach specialists met with Student Sustainability Ambassadors, District Superintendent, MCHS Principal, and 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 2018 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 also met with the Manhattan Beach Education Foundation to discuss additional ways to collaborate along with making their contractual donation. 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, and give 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 used those proceeds collected to enhance school programs and campus. Some elementary classrooms in the school district have a recycling program. Bins are delivered and picked up free of charge to the participating schools.

RANCHO PALOS VERDES: The City continues to notify the schools and teachers of the County's recycling workshops aimed at educators and grant opportunities. Two LAUSD schools recycle in their classrooms, offices, cafeteria, and around campus. Recycling totals are 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. Also, "Share Table" is being practiced with school lunch programs.

ROSEMEAD: All schools have campus recycling. Schools and students volunteer in the Community Beautification events that are active in the City.

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 raising 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 lunchtime. After speaking with Cynthia Vant Hul, some of the LAUSD schools are beginning a food-recovery program to provide food to local pantries and direct service organizations. However, it is not know if that will be taking place in the South Gate schools.

TORRANCE:The City's contracted hauler provides weekly recycling collection. A styrofoam lunch tray recycling program was put in place in elementary schools, all others are using cardboard trays. Tonnage included in commercial collection tonnage (Program 2030).

2060-RC-GOV (Government Recycling Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 7443.53	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA (3.50 tons): 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 source separated at Crown Recycling Services in Sun Valley, CA. Tonnage data is reflected in the Commercial On-Site Program 2030.

BRADBURY (0.74 tons): The Civic Center recycles material when possible. All staff is provided with a recycling bin at their workstations to facilitate recycling materials.

DOWNEY (20.00 tons): All City facilities use the mixed waste processing provided by the hauler, total tonnage is included in 2030-RC-OSP. City document shredding is provided by William Data Management Company. The City hosts 10 recycling events.

DUARTE: City Hall and City Yard both receive commercial on-site pickup of recyclable materials. Government recycling

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tonnages are included with commercial on-site pickup.

HERMOSA BEACH (75.00 tons): The Public Works Department recycled an 40.18 tons of C & D including asphalt and concrete reported in 4060-SP-CAR, 25.02 tons of green waste, 0.82 tons of mixed metal scrap reported in 4040-SP-SCM, and 50 tons of wood scrap including pallets. 240 gallons of used oil was recycled; as special waste this diversion is not included in the 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 15 surplus vehicles including: 5 pickup trucks, 2 sedans, 5 SUVs, 2 fire trucks, and 1 ambulance; unable to quantify diversion tonnage at this time. The City recycles mixed paper, office / computer paper, sensitive document shredding, cardboard, CRV plastics, glass and aluminum through the franchise hauler's mixed waste processing system. The diversion tonnages of these materials produced through mixed waste processing by the franchise hauler are combined with and included in the annual commercial sector diversion tonnage totals. However, we are unable to separate or quantify those tonnages at this time. The Police Department continues to auction bicycles collected during police patrols. The City provides battery recycling collection and recycling bins at City Hall. A medical waste collection bin is available in the Police Department lobby for residents. The City joined the California Green Business Network; at the introduction event an AB 1826 presentation was made to members.

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

LOS ANGELES (7,326.32 tons):

Harbor (POLA):

Administrative Office Recycling Program: Athens Services provides a commingled recycling program.

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

Los Angeles Zoo:

Zoowide recycling: Salvaged computer and audiovisual equipment.

Sanitation (LASAN):

City Facilities Recycling Program (CFRP): The CFRP provides commingled recycling service at more than 300 sites. All sites have regularly scheduled service. Tonnage is reported under Program 2000.

Toner Cartridge Recycling: The City's remanufactured cartridge vendor collected 10,241 empty cartridges weighing 19,212 lbs. The City purchased 3,550 remanufactured cartridges.

Water and Power (LADWP):

Salvage Materials Recovery: The LADWP has a salvaged materials recovery program keeping salvaged furniture and office supplies out of City landfills via 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.

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.

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

LYNWOOD: All City facilities use the mixed waste processing provided by the hauler. Totals are 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. The 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, which include: deskside recyclers 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. The 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. The Clean Cart Challenge performed again as part of a contract with the City's hauler: Mira Costa High School students perform a sample recycling audit of each route day and provide the "best recyclers" one month of free refuse service (20 winners annually). City staff performed multiple beach cleanups and the 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. The City's hauler provided services and outreach at 10 City special events throughout the year.

PALOS VERDES ESTATES (1.0 tons): 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. Tonnage is an estimated recovery tonnage.

POMONA (16.97 tons): City Hall/City Facilities received a weekly pickup of blue containers, approximately 13 tons of recycling material. The Police Department conducts an annual shredathon, reporting 3.97 tons.

RANCHO PALOS VERDES: The City continued its periodic evaluation of recycling programs at City Hall and City Parks.

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Recycling flyers are posted in employee lunch areas. All offices have a deskside recycling bin, as do all break rooms, conference rooms, and facilities. Recycling totals are included in Program 2030-RC-OSP. The City won 3 Beacon awards for: County GHG reduction, agency energy savings, and overall sustainability best practices.

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. IT staff mails approximately 300 used toner and laser cartridges back to Dell to be recycled and/or refilled. All of the waste collected in the City is sorted to recover recyclables.

ROSEMEAD: The City and office have an active recycling program, including bottles, cans, batteries, printer ink cartridges, paper shredding, and used furniture and electronics. City staff and its haulers regularly attend the LA Regional Agency (LARA) meetings and events.

SIERRA MADRE: The City has continued to prominently place recycling "Blue Bins" throughout government buildings as well as ensuring that separate recycling 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 are located at the Community Center, City Hall and Library. Sierra Madre Public Works staff diligently recycle aluminum cans and treat themselves with an annual steak lunch with the CRV collections.

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 materials generated are paper or cardboard and also include cans, glass, and plastic.

TORRANCE: The City has a full office program set in place. Each cubicle has an individual deskside recycling, trash and recyclables bin. Recycling takes place at all communal areas such as: kitchens, copy rooms, staff rooms, meeting rooms, and break rooms accepting everything except organics. Collections also include electronics, toner cartridges, fluorescent bulbs, and batteries. Data is listed under other codes.

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: 796.69	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: Christmas tree curbside collection occurs 2 weeks after Christmas. Tonnage is included in greenwaste section of the 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 the materials to Lamont, CA, for further compost processing. Also the City's staff chipped holiday trees at the City yard. The tonnage data is reflected in Program 3000 tonnage data.

BRADBURY (2.03 tons): The City, in partnership with Burrtec, participates in the LA County Sanitation District Annual Christmas tree recycling program.

DOWNEY (57.03 tons): Bundled tree limbs and shrubs, Christmas trees, white goods, bulky items, e-waste, and batteries are collected weekly by the franchise hauler if they are called in by residential customers.

DUARTE (11.08 tons): A total of 11.08 tons of Christmas trees were collected by the City's franchise hauler, Burrtec Waste. The electronic waste, clean rock/dirt/gravel, metal, tires, and greenwaste are 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 period City residents are allowed to drop off Christmas trees at rolloff bins serviced by the franchise hauler. Diversion tonnage is included and reported in 3000-CM-RCG and 7040-FR-ADC.

HIDDEN HILLS: In 2018, Christmas trees were collected along with residential greenwaste and is included in the total for program 3000-CM-RCG.

LOS ANGELES (153.31 tons):

Sanitation (LASAN):

Christmas Tree Dropoff Collection: LASAN continues free collection of Christmas trees during the holiday season via curbside pickup or dropoff at multiple locations across the City.

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LYNWOOD (19.35 tons): In 2018, 19.35 tons of Christmas trees were collected for mulching/composting, through curbside pickup for the two weeks following Christmas.

MANHATTAN BEACH (47.24 tons): 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 franchise residential waste hauler collects Christmas trees after the holiday season and processes it with their greenwaste loads. The City also sponsors a paper shredding event with the franchised waste hauler.

POMONA (126.39 tons): City staff collects Christmas trees curbside 23.17 tons and then delivers them to a local landscape company for recycling. The City conducts 6 community cleanup events, material collected includes: bulky items, scrap metal, wood, white goods, mattresses (hauler is Valley Vista). Items collected at other events include: used oil and filter, e-waste, and tires.

RANCHO PALOS VERDES (285.21 tons): In 2018, 285.21 tons of bulky items were collected (4,836 items). The City's hauler continues to collect Christmas trees for recycling and the totals collected are included in greenwaste totals (3000-CM-RCG). The balance is mulched or used as Alternative Daily Cover (ADC). The residential hauler promoted special holiday collections with billing inserts and the City promoted it by newsletter 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 (24.75 tons): Holiday trees collected was 25 tons.

SIERRA MADRE: The City continued its Christmas tree recycling program in 2018. The City also recycles park greenwaste associated with "Cleanup Days", which are sponsored by community organizations such as the Sierra Madre Little League and Sierra Madre Environmental Action Council. Residents are allowed 4 bulky item pick up days each year.

SOUTH GATE (37.30 tons): In 2018, 37.30 tons of Christmas trees were collected. The City has Christmas tree recycling and bulky item collection programs. Both programs are heavily promoted to residents to ensure maximum participation. In 2018, Waste Management promoted the Christmas tree collection by sharing information on the digital billboard located near the 710 highway, flyers at community events and the public works counter, social media, and through the City of South Gate and Waste Management website.

TORRANCE (38.00 tons): Data from City Christmas tree collection totals 24 tons as well as 14 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: 466.69	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA (178.15 tons): CR&R holds 2 bulky item drop-off events every year. The hauler advertises the events in its quarterly newsletters that they mail out to their customers. The City advertises the events on its website and social media accounts. In 2019 the City will attempt to use its quarterly newsletter more to advertise special collection events. The Sanitation District of Los Angeles hosts HHW and e-waste collection events in the City. The City hosts the Just Dump It (legally) Campaign for bulky items, and the annual Household Hazardous Waste and E-Waste Roundup. Every quarter the City sends out a newsletter to residents that includes information on the Biannual Cleanup.

BRADBURY (0.77 tons): 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: The franchise hauler hosts 2 shredding events each year. The City promotes HHW roundups for neighboring Cities as well as for Downey residents. Downey's HHW roundup is in August.

HERMOSA BEACH (1.87 tons): The franchise hauler continues to provide residential curbside e-waste collection. This service is considered a bulky item pickup; upon request each residential account is allowed two bulky item pickups including e-waste annually. The franchise hauler provides an online Bulky Item Request Form: https://athensservices.com/bulkyitempickup/?doing_wp_cron=1554910783.8086779117584228515625. The City and franchise hauler continue to promote and sponsor a sensitive-document shredding event annually, 1.87 tons were collected

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and recycled. The franchise hauler continues to provide recycling collection services for beach cleanups and community events including Fiesta Hermosa. Various organizations within the City hosted special events including: Heal the Bay sponsoring a Nothin' But Sand Beach Cleanup; Heal the Bay and Grades of Green sponsored a Coastal Cleanup Day; the LA Kings and Heal the Bay sponsored a Beach Cleanup; and the Surfrider Foundation sponsored a Beach Cleanup.

LOS ANGELES (7.96 tons):

Sanitation (LASAN): Unlimited Bulky Item Pickup is conducted at curbside throughout the year for a total of 732,686 requests at no charge to the residents.

Special Event Recycling: LASAN serviced a total of 369 events for a total of 15,929 lbs / 7.96 tons of recyclables collected.

LYNWOOD (168.32 tons): In 2018, 2 bulky item collection events were conducted, where a total of 10.3 tons were diverted from these events. Regular bulky item pickups recycled 16.35 tons of mattresses and 141.67 tons of other items.

MANHATTAN BEACH (8.46 tons): Waste Management provided two shredding events at Mira Costa High School in 2018. The first event was held on April 28, 2018. The event was heavily promoted through various outreach methods to ensure high visibility and participation. To our surprise, we had an unprecedented amount of community participation and BOTH the onsite shredding truck as well as the offsite shredding truck were quickly filled to capacity. Therefore, by popular demand, WM utilized the amount collected from the spring shred event, and paid for a second community shred event. The first event held on 4/28/18 yielded 6.7 tons paper and the second event held on 9/29/18 yielded 1.76 tons.

PALOS VERDES ESTATES: The franchise hauler offers four special collection events per year: (1) HHW and E-Waste Event (2) Curbside bulk item and e-waste collection (3) Curbside bulky items and e-waste collection (4) Document shredding and E-Waste Event.

POMONA: The City conducts six community cleanup events each spring. The residents can bring bulky items, used oil and filters, white goods, and e-waste. The Police Department also hosts a shredding event each year for residents and a Drug Take Back event.

RANCHO PALOS VERDES (23.62 tons): In 2018, 0.37 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. In 2018, 23.25 tons of paper were collected at 2 shredding events.

ROSEMEAD: The City held the annual Community Yard Sale and the Chamber hosts regular e-waste collection events.

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 they 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 (52.54 tons): During the annual Earth Day Event the County of Los Angeles provided residents with a special collection event. In addition, the City hosted various community service projects (e.g. tree planting, beautification projects, and graffiti removal) and Waste Management provided bulky item collection to a select area of the City. As a result of this program, volunteers planted 38 trees across the City and diverted 1.5 tons of recyclables. Both Waste Management and the City continue to support the Rotary Club with their Community Cleanup events that take place year round.

TORRANCE (25.00 tons): The City runs 2 recycling events for the public each year, collecting both electronics and offering free paper shredding at each one. Recycling by the Parks Department includes other City events such as fairs, concerts, etc., which is included in Program 2000. Electronics tonnage is under Program 9045. Tonnage here is from paper shredding only.

2090-RC-OTH (Other Recycling)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 3.68	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

HERMOSA BEACH: The City continues to auction surplus office equipment, furniture, and office supplies. The City continues to auction surplus vehicles including small vans, sedans, light trucks, and small SUVs; we are unable to quantify diversion tonnage at this time. Textiles, carpeting, tires, and pallets are recovered during the franchise hauler's mixed waste processing; we are unable to quantify diversion tonnage at this time. The Community Development Department continues to use the Green Matrix Planning guidelines for all Special Event Permit Applications:
<http://www.hermosabch.org/modules/showdocument.aspx?documentid=11019>

MANHATTAN BEACH (3.68 tons): The franchise agreement requires haulers 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 along with the recycling services available to event coordinators with varying costs for different services. Tonnage from the City Holiday Fireworks event was 0.22 tons, Manhattan Beach Open was 3.24 tons, and Pier Lighting was 0.22 tons.

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: 407051.13	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:

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

Jurisdiction Notes:

ARTESIA (1,871.26 tons): All greenwaste is collected and processed at an anaerobic digester by the hauler, CR&R.

BEVERLY HILLS (7,581.86 tons): Residential greenwaste is collected separately from mixed waste material by City staff, and prescreened 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 (180.87 tons): The City's greenwaste is taken to the Burrtec West Valley MRF and Waste Management Azusa MRF, where it is processed and combined to use as compost.

DOWNEY (10,557.71 tons): CalMet provides 96-gallon greenwaste bins for all Downey residential families as well as for their multi-unit families of 4 or less units. An additional free greenwaste container is provided upon request.

DUARTE (2,549.46 tons): Duarte greenwaste is delivered to the Azusa MRF which delivers greenwaste to materials processors for compost and mulch.

HERMOSA BEACH (311.39 tons): The franchise hauler reports 311.39 tons of diversion tonnage. The franchise hauler reports 997 residential households participated in the program with a participation rate of 25.76%. The 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. City webpage:
<http://www.hermosabch.org/index.aspx?page=663>

HIDDEN HILLS (2,318.73 tons): The City's franchise hauler collects greenwaste (carts) and manure (carts and bins) from residents throughout the City. In 2018, 1,673.22 tons of greenwaste (including Christmas trees) and 645.51 tons of manure was collected.

LOS ANGELES (325,733.54 tons):

Sanitation (LASAN):

Curbside Collection of Yard Trimmings: Yard trimmings are collected in the green bins from over 750,000 households. (Tonnage does not include contamination.) Residents can also purchase extra capacity tags permitting them to dispose of additional waste in the event their waste exceeds their containers' capacity.

Bulky Yard Trimmings Collections: The City of Los Angeles offers a once-a-year collection for excess yard trimmings (brush) to all households serviced by LA Sanitation free of charge.

LYNWOOD (1,754.85 tons): In 2017, 1742.63 tons of greenwaste was composted. Additionally, 12.22 tons of greenwaste was 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 2018, there were over 12,000 residential greenwaste carts citywide.

PALOS VERDES ESTATES (5,011.24 tons): The City's franchise hauler collects greenwaste from residents throughout the

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City.

POMONA (13,550.74 tons): 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 (10,125.48 tons): In 2018, the City's exclusive residential franchise hauler, EDCO, collected 10,125.48 tons of greenwaste, including Christmas trees and brush from 2 brush-clearing events.

REDONDO BEACH (5,452.82 tons): Athens Services provides a voluntary compost program that includes collecting food waste and 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 observed before food and food-soiled paper were allowed in the green container. Staff believes that the inability of the public to use regular plastic bags and have unlimited trash amounts for no extra cost reduced 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 (4,410.42 tons): The City continues to have a very successful curbside greenwaste program. All greenwaste is processed.

SIERRA MADRE (2,507.76 tons): 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.

TORRANCE (13,133 tons): The City has a fully automated program, with 64- and 96-gallon container options. 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
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: Landscapers 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 own greenwaste through self-haul. This material may end up at landfills as ADC.

DOWNEY: Residential customers have the option to self-haul greenwaste.

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 must be self-hauled by residents to a proper facility if they do not arrange for special pickup by the franchise residential hauler. No facilities exist within Palos Verdes Estates to provide processing – residents must travel to a greenwaste facility. 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: The only ADC report on the DRS would be from self-haulers.

SOUTH GATE: All residents, landscapers, and gardeners doing business in the City are directed to take their greenwaste to composting facilities where the greenwaste can be diverted. The City of South Gate is reviewing plans on incorporating a residential greenwaste program.

TORRANCE: Greenwaste self-haul is available, but no tracking is currently in place.

3020-CM-COG (Commercial On-Site Greenwaste Pick-up)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 14156.05	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:

Green Waste | Food Waste | Food-Soiled Paper Waste

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Jurisdiction Notes:

ARTESIA (10.77 tons): Businesses and multifamily homes are offered 65- and 90-gallon greenwaste collection carts. A total of 2 businesses and 12 multifamily homes had greenwaste service through CR&R. This is promoted in the City and hauler's educational material.

BEVERLY HILLS (5,281.32 tons): This number represents all of our commercial businesses that are on a food waste program service, excluding multifamily and tier three commercial businesses collection will start when rates are determined.

BRADBURY (532.73 tons): 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 (442.27 tons): CalMet collects greenwaste from commercial accounts that have greenwaste. Most commercial accounts landscapers collect their own greenwaste.

DUARTE (166.57 tons): Burrtec Waste Commercial Greenwaste Participation Rate 2018 AR: 11%. Greenwaste is delivered to Azusa "Waste Management" MRF.

LYNWOOD (4.95 tons): The City's hauler, WRI, offers greenwaste service for its commercial and roll-off customers. In 2018, 4.95 tons were recovered from roll-off accounts.

MANHATTAN BEACH (68.50 tons): On-site commercial greenwaste recycling is available to all businesses and commercial bin customers at a discounted rate. Commercial greenwaste cart customers' tonnage is included in the residential greenwaste tonnage as a result of not having enough commercial greenwaste cart customers that have carts to justify a separate route. Tonnage includes MBUSD (16.5 tons) and greenwaste collected through the City's landscaper at the Public Works Yard (52 tons).

PALOS VERDES ESTATES: As of now, there are no commercial greenwaste accounts for franchise hauler in PVE. There are third-party haulers such as commercial property landscape contractors that are not regulated at this time.

POMONA (2,571.74 tons): The City provides fact sheets on its website for landscapers. Haulers reported tonnages as follows: Burrtec 1,200.65 tons, VV 13.38 tons, WM 122.15, and 1,235.56 tons of street sweeping service debris are recycled as mulch.

RANCHO PALOS VERDES (439.24 tons): City landscapers utilize greenwaste bins at the City yard. In 2018, 5 of the City's commercial haulers reported collecting 439.24 tons of greenwaste.

REDONDO BEACH (2,476.96 tons): Athens Services collects compostable food waste and food-soiled paper from selected restaurants on the Pier and from 14 schools. The program is available to all commercial customers for a small charge per 64-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, one fruit canning business that does contribute a good amount of greenwaste continues to set a good example based on 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 rollofs at the request of the customer. Organic diversion tons by third parties were already accounted for under Programs 2040 and 3035.

TORRANCE (2,161.00 tons): Tonnage here is from the private haulers' quarterly reports to the City.

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: 512	Selected in SRRE: Yes
		Owned or Operated: No

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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: Multifamily (5 or more units) and commercial accounts have their greenwaste collected by their contractors.

DUARTE: The City Yard collects greenwaste. Tonnages are included in the greenwaste commercial on site pick up. In 2018, 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 can choose to utilize the services through Waste Management.

PALOS VERDES ESTATES: Commercial greenwaste must be self-hauled by commercial entities to a proper facility if they do not arrange for special pickup by permitted commercial hauler. No facilities exist within Palos Verdes Estates to provide processing – commercial entities must travel to a greenwaste facility. Landscaping and Independent Gardeners self-haul greenwaste from commercial customers.

POMONA: The City provides fact sheets on its 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: There have been no changes to the program. Very little ADC is taken to the landfill and only by self-haulers.

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 (512.00 tons): Greenwaste recycling is available at local transfer stations. Tonnage included in Program 2030. Data is from City-contracted tree trimming (504 tons) and capital projects (8 tons).

3035-CM-COR (Commercial Organics Recycling)

Current Status: AO - Alternative and Ongoing	Program Start Year: 2016	Existed before 1990: No
	Report Year Diversion Tons: 37379.22	Selected in SRRE: No
		Owned or Operated: No

Selected Program Details:

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

Jurisdiction Notes:

ARTESIA: There are 17 business subject to AB 1826 and 8 are not recycling organics. There are 10 multifamily homes that are subject to AB 1826 and 3 are not recycling organics. 65 and 90 gallon carts are available for organics recycling. Electronic: MORE info on hauler and City website. 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. 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: Site visits/waste audits are performed by hauler 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 MORE info at city events.

BEVERLY HILLS: Organic waste recycling is currently limited to commercial businesses that generate more than (4) cubic yards of organic waste. More than 95% of restaurants/food establishments participate in the food waste program. The organic waste collected is preprocessed for compost in Sun Valley, CA, at the Crown Recycling Services MRF, and then transported to Lamont CA for further processing 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, and 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. Mandatory Organic Recycling education fliers were mailed out to businesses and multifamily properties informing them of AB 1826 in late 2017. (M.O.R.e) Education and outreach material are available on the City's webpage as well as the hauler's webpage. Fliers and brochures are available at the public counters, in Public Works building, City Hall and Public Library. The City provided community outreach during Earth Day, Public Works Day and Beverly Hills Night Out

event.

DOWNEY: Tonnage reported under 3020. Food Waste recycling is limited by franchise hauler not being able to accept meat, dairy products and soiled paper at this time. As infrastructure develops, the exclusion matter will be collected. The City in conjunction with the hauler sends letters with educational information to all covered generators in the city (mandatory state laws AB 1826, AB 314 & SB 1383). The franchise hauler conducted audits and followed up with emails and phone calls. Grocery food chains located in the City (Ralph's, Food 4 Less, Albertson's and Stater Bros.) each have some type of food recovery system in place. Smaller food chains (Porto's and Grocery Outlet) donate their food to local food banks in the City. Restaurants are starting to develop organic food recycling or food recovery (Starbucks, Panera Bread, Olive Garden, and Mimi's Cafe). Franchise Hauler conducted 67 audits of covered generators. Hauler works with any new business in Downey and provides them with MORE information from the beginning. (ongoing)

DUARTE: There are 202 businesses subject to AB 1826, and 180 are not recycling. There are 55 multifamily dwellings subject to AB 1826, and 50 are not recycling. Print: Burrtec website and City website both promote AB 1826. City website also has a link to the LARA website. Electronic: Commercial newsletters are sent out. Direct Contact: Direct mailings, chamber presentations, and audits.

HIDDEN HILLS: There is one commercial account within city limits (elementary school) and it has an organics recycling program in place, using carts. Totals are reported to the district.

LOS ANGELES:

Airports (LAX):

Harvest Food Donation Program: As reported by Food Donation Connection to LAWA's EPG, 82,100 individual items, totaling 37,229 lbs = 18.6 tons were donated to the LAX Harvest Food Donation Program by participants HMSHost and Hudson Group.

LA Zoo Program: As reported by MSD, seven (7) tons of acacia were harvested from the LAX Dunes during 2018 for the LA Zoo partnership.

Sanitation (LASAN):

See complete MORE response at end of EAR report.

LYNWOOD: The City's hauler offers commercial organics services to all bin customers. A total of 66 businesses and 11 multifamily accounts were subject to AB1826 in 2018, of which 4 businesses and 2 multifamily are complying. Details are included separately.

PALOS VERDES ESTATES: The City approved Ordinance No. 18729 on February 13, 2018. The ordinance enables the City to enforce MORE regulations via administrative citation. The Ordinance contains specific requirements for food establishments to provide a comprehensive MORE program. The City advertised the passage of Ordinance No. 18729 in the City's newsletter (Summer 2018). The City regularly transmits participation data with each of the three (3) permitted commercial haulers that participate in the City's open-market commercial system. Haulers frequently use the City's enforcement letters as a reference to market new services to commercial entities suspected of noncompliance.

POMONA: There are four non-exclusive franchise haulers approved to operate in the City. Haulers conduct site visits, or phone calls with generators subject to AB1826. Haulers provide information via website, newsletters, flyers, and compliance reminder notices. The four haulers will be referenced as A, B, C and D in the report. (A: Athens, B: Burrtec, C: Valley Vista, D: Waste Management).

RANCHO PALOS VERDES: The City and its haulers continue to work with the commercial sector to increase compliance. A total of 37 businesses and 38 multifamily accounts were subject to AB 1826 in 2018 (using 2019 threshold); of which 29 businesses and 31 multifamily complexes were noncompliant. Details are included separately.

REDONDO BEACH: *see MORE spreadsheet

ROSEMEAD: In October 2018, the hauler visited 30 food waste candidates. Of the 17 accounts reported as subject to MORE, 16 are enrolled in organic waste recycling. In October 2018, the hauler gave a presentation to Council updating the progress and challenges of the organics program.

SIERRA MADRE: Sierra Madre's contract hauler, Athens Services, uses their composting facility in Victorville, California, to meet organics diversion goals. The City and Athens have begun discussions on a universal compost program (available to all commercial, multiunit, and residential accounts) for every account in the City. Launch of program is estimated for late 2019.

SOUTH GATE: Organics collected by Waste Management are taken to the CORE facility located in Orange, CA. Material is created into an organics slurry and taken to the Los Angeles County Sanitation District in Carson where it goes through a codigestion process to create electricity. Organics are collected in 64-gallon carts or 2-yard bins. In 2018 Waste Management conducted a third-party audit to verify the tons of recycling and organics being diverted by businesses in the City. As a result, 1,071.56 tons of organics were diverted through self-hauling, backhauling, and third-party recycling, which

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have been reported under Program 2040 of the report.

TORRANCE: Of the 584 businesses and 127 multifamily homes meeting the criteria, 334 businesses and 68 multifamily homes do not have organics programs.

3040-CM-FWC (Food Waste Composting)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 2481.59	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA (4.63 tons): 1 customer (Artesia Christian Home) had food waste recycling through CR&R. Starbucks and McDonald's have a coffee grounds recycling program through corporate. Stater Bros. and 99 Ranch Market have recycling programs through corporate for meat renderings and vegetables.

LOS ANGELES:

Sanitation (LASAN):

Residential Organic Collection: Residential In-Sink Food Waste Disposer: The pilot program began in June 2017. Quarterly studies were performed to evaluate the solid waste, wastewater, and conveyance system throughout 2018. Technical studies were completed by December 2018 and the final report from the consultant was to be prepared based on all findings.

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 disposers. 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.

LYNWOOD: Moved to Program 3035.

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 a plastic bag, tie it off, and place it 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 City's hauler perform food waste program outreach on every related solid waste outreach piece. The outreach message is very simple: 123 (food in bag, tie off bag, put bag in green cart).

REDONDO BEACH (2,476.96 tons): Athens Services collects compostable food waste and food-soiled paper from selected restaurants on the Pier and from 14 schools. The program is available to all commercial customers for a small charge per 64-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, the City has a couple green slim jims left to be given to selected restaurants in the City to promote food waste composting.

SOUTH GATE: The City of South Gate does not compost food waste; however, Waste Management takes food waste to the CORE facility located in the City of Orange. Food waste is re-purposed to create energy. More information about the co-digestion process can be found under Program 3035 of the report.

TORRANCE: Part of the private hauler's requirements to implement mandated programs. Methods vary by hauler.

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.

RANCHO PALOS VERDES: The City offers discounted compost bins to schools. In 2018, 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 and Sierra Madre Elementary School practice composting regularly. Athens Services provides additional compost during giveaway events to the schools to assist.

TORRANCE: The City offers school education programs on composting mainly at the 2nd grade level and per request. Many have compost or vermicompost bins, often donated by the City. At least 10 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: 35538.2	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: The City contracts West Coast Arborist which mulches, chips and reuses wood waste. The City contacts them for mulch to be utilized for City projects.

BEVERLY HILLS: WCA & TruGreen Landcare are the contracted landscapers for the City. WCA collected and hauled material offsite to composting and/or mulching facilities. TruGreen Landcare uses some of Athens roll-offs, and their tonnage is reflected in the roll-off recycling numbers.

BRADBURY: Landscape trimmings are recycled at the Civic Center and are recorded as greenwaste which is listed under Program 3020.

DOWNEY: The City's tree contractor, Stay Green mulches tree trimmings for use in medians, and for erosion control. The City's hauler collects curbside greenwaste and City projects' greenwaste in roll off bins.

DUARTE: City Yard collects greenwaste. Tonnages included in greenwaste commercial on site pick up. In 2017, greenwaste was delivered to Azusa "Waste Management" MRF.

LOS ANGELES (27,602.37 tons):

Airports (LAX):

Greenwaste Collection: 29.5 tons of commercial yard trimmings, reported by MSD, were collected and sent to Harbor Mulching.

Los Angeles Zoo:

Composting includes Animal Waste: LA Zoo continues composting of animal manure (120 tons) and green (80 tons) waste. Sanitation (LASAN):

City Departments Organics Collection: Food waste collection continues for the 4 original locations at LAX (81.75 tons / 163503.55 lbs) and at Homeboy Diner at City Hall (2.69 tons / 5378.4 lbs). Tonnages are included in the total tonnage of material going to anaerobic digester CR&R. The LAX food waste collection program plans to expand to 4 VIP lounges within the Tom Bradley International Terminal in 2019: Air New Zealand, Emirates, Etihad, and Qantas. LASAN also launched a pilot program placing vermicomposting bins in its headquarters office during 2018, converting 0.03 tons (60 pounds) of food waste into compost.

Food Rescue: LASAN's Solid Resources Citywide Recycling Division continues to donate excess food from its internal meetings/events to nearby homeless shelters. LASAN continues as a member of the LA Food Policy Council's Food Resource Recovery Working Group.

Horse Manure Diversion: Residential horse owners may order 60-gallon horse manure containers. The containers cost \$10.00 per month per container and there is a six-month obligation.

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, home owners, and utilized at City and County facilities and projects. The palm material is sent to farmers for dust

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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 (LADWP):

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 (6,819.00 tons): In 2018, 1,584 tons of street sweepings were taken to a local MRF for diversion. 5,235 tons of tree trimming were sent to the contractor's mulching operation in Riverside.

MANHATTAN BEACH: Discounted composting bins and worms are available to City staff. The City's street sweeping contractor, Athens Services, composts 100% of the debris collected in the street sweeping process. The City's website includes a Green Waste and Backyard Composting page. 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.

POMONA (424.28 tons): The City's tree contractor, West Coast Arborist, mulches and chips and reuses wood waste. Greenwaste mulch is generated by City Crew maintaining reservoir sites. Street Crew called on emergency tree/limbs down are hauled to Grand Central and reported by Valley Vista.

RANCHO PALOS VERDES (692.55 tons): 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 (381.05 tons). In 2018, 311.50 tons of street sweepings were sent to a composting facility in Ontario.

SIERRA MADRE: 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 the 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: 127.48	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

BRADBURY (100.64 tons): Manure collected is delivered to Burrtec West Valley MRF facility where it is composted.

HIDDEN HILLS (26.84 tons): The local water district reported 7.18 tons of dry compost created. The Community Association's contractor chips, grinds and composts 19.66 tons per year.

LOS ANGELES:

Sanitation (LASAN):

Sale of Subsidized Home Composting Units: In 2018, the Griffith Park Composting program sold 78 backyard composting bins and 6 worm bins. 144 compost bins were sold at the home composting trainings held at our Lopez Canyon and South LA Wetlands locations.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 266964	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

LOS ANGELES (266,964.00 tons):

Sanitation (LASAN):

Sludge Program: The City owns and operates two separate wastewater treatment systems. A total of 266,964 wet tons (WT) of biosolids were produced from January 1 to December 31, 2018 at HWRP and TIWRP. 178,975 WT (67.0%) were used for agricultural land application, 44,025 WT (16.5%) were used for composting and 43,964 WT (16.5%) were used for deep well injection at the 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 Plant 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: 444.32	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 handled at Crown Recycling Services MRF in Sun Valley, CA.

BRADBURY (0.20 tons): 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: The City advertises L.A. County Free Tire Recycling Events and supplies information to residents about where to take tires for recycling. The City garage recycles tires from City cars and equipment.

DUARTE (0.39 tons): Tires are collected twice per year at community cleanup events.

HERMOSA BEACH: The franchise hauler continues to recover tires during mixed waste processing; however tires recovered are not tracked, so we are unable to quantify diversion tonnage at this time. The Public Works Department reports that no automobile or truck tires were recycled in 2018.

LOS ANGELES (401.73 tons):

Airports (LAX):

Tire Recycling: 1,325 tires. Assumed 30 pounds/tire to generate the estimated 19.88 tons of tires recycled in 2018.

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. The total value of salvaged tires in 2018 is \$16,297.97.

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 \$1,195,198.67 worth of retread tires. The program is ongoing, contract # 59265.

Harbor (POLA):

Tire Recycling Contract: Environmental Services Company recycles tires for POLA.

Harbor Tenant Diversion:

Tire Recycling: None of the tenants reported tire recycling. (22 tenants, 10 responded)

Sanitation (LASAN):

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 tires. LASAN and Los Angeles Conservation Corps (LACC) 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 fibers in varying degrees. The rubber materials are used as a 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. In 2018, LASAN collected and recycled a total of 29,683 used/waste tires in various sizes including passenger tires, light truck tires, truck tires, and off-the-road tires.

LYNWOOD (0.89 tons): The City promotes tire recycling opportunities (such as area amnesty events) and collects illegally dumped tires for recycling 0.89 tons in 2018.

MANHATTAN BEACH (1.56 tons): The City's Fleet Division recycles its tires after their useful life. In 2018, 125 tires weighing approximately 25 lbs each were recycled for a total of 1.56 tons.

POMONA (22.20 tons): The City has a vendor that collects tires from residents monthly. The program is promoted in the local newspaper, flyers available in City Hall, on the City website, and distributed at City events. Athens reported 18.67 tons and Burrtec 3.53 tons. Staff collects and disposes of illegally dumped tires.

RANCHO PALOS VERDES: The City utilizes RAC on its arterial road overlay projects when possible.

ROSEMEAD: Ongoing; there have been no changes to the City vehicle program. The CalRecycle Waste Tire ID program shows 41 business in Rosemead are permitted to recycle and are participating in the current Tire Program ID's (TPID).

SOUTH GATE (16.32 tons): In 2018, the City of South Gate recycled 130 cubic yards of tires from City facilities.

TORRANCE (1.03 tons): Various tire stores, automotive shops, and some gas stations all take in tires for recycling. The City also uses retread tire on all but safety-related vehicles. The City makes an effort to promote County tire collection events. Tonnage provided is from the retread tires used by the City (59 tires at 35 lbs. each). No other tracking is in place.

4030-SP-WHG (White Goods)

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Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 2407.68	Selected in SRRE: Yes
		Owned or Operated: No
<p>Jurisdiction Notes:</p> <p>ARTESIA (7.96 tons): Under the City's franchise waste hauler agreement, CR&R, the City's hauler collects white goods under its bulky item collection service. Residents can also dispose of white goods through two bulky item drop-off events hosted by the hauler during the year.</p> <p>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.</p> <p>BRADBURY: Items that are in working condition are donated to the Foothill Unity Center. Items that have reached their end-of-life are considered e-waste and disposed of properly. No white goods were collected in 2018.</p> <p>DOWNEY: The franchise hauler collects residential bulky waste year round (on a weekly basis) up to 5 items per pickup. Bulky items include furniture, mattresses, box springs, carpet.</p> <p>DUARTE (1.54 tons): White goods are collected at community clean-up days as well as bulky item collections.</p> <p>HERMOSA BEACH: The franchise hauler continues to provide white goods collection to residents upon request; the collection is classified as a "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. The franchise hauler provides an online Bulky Item Pickup Request Form to residents: https://athensservices.com/bulkyitempickup/?doing_wp_cron=1554735031.9916288852691650390625</p> <p>HIDDEN HILLS: The City's exclusive franchise hauler, Waste Management, picks up white goods placed curbside and takes them to their facility to process accordingly. Total recycled is included in Program2000-RC-CRB.</p> <p>LOS ANGELES (2,298.41 tons): Sanitation (LASAN): 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 has increased considerably. Water and Power (LADWP): 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 picks up the refrigerators and freezers directly from customers' 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 the City agency public counters, libraries, etc.</p> <p>LYNWOOD: White Goods are recycled from the bulky item program. There are a few recycling facilities in nearby jurisdictions that accept white goods for recycling. The total collected from the bulky item program is included in Program 2080-RC-SPE.</p> <p>MANHATTAN BEACH (26.15 tons): 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 2018, 26.15 tons of white goods were collected. WM received 2,249 total requests for bulky pickups in 2018.</p> <p>PALOS VERDES ESTATES: The franchise hauler offers two bulky item pickups for free each calendar year to each residential account. White goods are placed curbside at residential units and are taken to franchise haulers facility to process accordingly.</p> <p>POMONA (0.62 tons): The City has a few businesses that offer buy-back. Materials accepted are stoves, refrigerators, washers and dryers. Burrtec reported 0.62 tons.</p> <p>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.</p>		

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ROSEMEAD: The program is ongoing. White goods are collected by the residential bulky item program.

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

SOUTH GATE (73.00 tons): Waste Management collected and diverted a total of 73 tons of white goods from residential customers; an increase of 68.87 tons from 2017.

TORRANCE: The City promotes the SoCal Edison refrigerator program, Goodwill/Salvation Army, and Habitat for Humanity donation programs, as well as online options like LoCoMax and Freecycle. The City also has a once-per-year large item collection for residents, with additional pickups for a fee. There is currently 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: 2953.8	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 the 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 (0.39 tons): Other metal is collected in mixed C & D and is also reported under Program 4060.

DOWNEY: City Public Works Yard recycles metal. The City's Public Works Recycling division at the Public Works counter, provides locations for recycling.

DUARTE (30.66 tons): Scrap metal is collected as part of the C & D Program.

HERMOSA BEACH (0.82 tons): Scrap metal continues to be recovered by the franchise hauler during mixed waste processing of both residential and commercial waste streams. The franchise hauler continues to combine residential and commercial metal scrap diversion tonnage with all other recycled materials in the annual tonnage report, unable to quantify diversion tonnage. The Public Works Department recycled 0.82 tons of mixed metals. Commercial accounts continue to contract with 3rd party vendors for scrap metal recycling services.

LOS ANGELES (2,758.72 tons):

Harbor (PoLA):

Ferrous Metals Recovery Program: Harbor Ferrous Metals Recovery Program continues. No metal recycling reported on C&D, WM reports.

Harbor Tenant Diversion:

Scrap Metal: 3 of 10 tenants recycle scrap metal. (22 tenants, 10 responded)

Recreation and Parks:

Metal: The department continues to recycle scrap metal through our contracted vendor. Recycling scrap keeps these metals out of landfills, where the toxins within them pose serious risks to the soil and water. We will continue to look at other avenues to recycle metals.

Water and Power (LADWP):

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 the bulky item program. There are a few recycling facilities in nearby jurisdictions that accept metals for recycling. The total collected from the 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 (49.75 tons): The City has local businesses that accept scrap metals. Scrap metals is also part of the bulky item pickup, which are then taken to a local business for recycling. The City haulers reported: Burrtec 4.01 tons and VV 45.74 tons.

RANCHO PALOS VERDES (34.98 tons): 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 34.98 tons of metal in 2018.

ROSEMEAD (3.02 tons): In 2018, a total of 3.02 tons of loose scrap metal was collected by the City hauler.

SIERRA MADRE (43.12 tons): Scrap metal is collected via C&D recycling and material recovery facility activities.

SOUTH GATE (10.34 tons): The City has an ongoing scrap metal diversion program through Waste Management. Through the third-party audit the City found that many businesses in the City self-haul their scrap metal. Given that there is a market for scrap metals, many of the businesses self-haul their material in order to have a monetary return. In addition, Waste Management hauled 10.34 tons of scrap metal that was taken to a scrap metal recycling company. The City of South Gate continues to reuse their street signs through their partnership with Zap manufacturing, Inc.

TORRANCE (22.00 tons): There are options available through private companies and some diversion is done at transfer stations. The City does appliance collection for residents. Data is from City yard collection.

4050-SP-WDW (Wood Waste)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 758.66	Selected in SRRE: Yes

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		Owned or Operated: No
<p>Jurisdiction Notes:</p> <p>ARTESIA: The City contracts West Coast Arborist which mulched and reused wood waste.</p> <p>BEVERLY HILLS (51.12 tons): All wood waste is processed at Crown Recycling Services in Sun Valley, CA, including C&D waste. West Coast Arborist, the City's tree contractor, mulched and reused wood waste. This wood waste tonnage data is reflected in the overall roll-off recycling tonnage annual report.</p> <p>DOWNEY: Bundles of wood are accepted in the residential bulky items program. City yards also recycle wood.</p> <p>HIDDEN HILLS: There are four companies that collect C&D waste (wood waste is included) from construction projects and take it to various facilities for recycling. The City community association's landscape maintenance contractor reuses wood chips and mulch for their landscaping.</p> <p>Los Angeles (104.45 tons):</p> <p>Airports (LAX):</p> <p>Wood Waste Recovery Program: There is a pallet recycling program so will drop this category.</p> <p>Pallet Recovery or Recycling: A total of 4,500 pallets were collected during 2018. Average collection was 375 pallets/month. At 30 lbs/pallet there were 67.5 tons of pallets recycled during 2018.</p> <p>Harbor (PoLA):</p> <p>Wood: Harbor Warehouse Pallet Reuse (9.6 tons)/Recycling (1.6 tons) programs are ongoing.</p> <p>Harbor Tenant Diversion:</p> <p>Wood Waste: 4 of 10 tenants reuse/recycle pallets. (22 tenants, 10 responded)</p> <p>Water and Power (LADWP):</p> <p>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.</p> <p>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 are included in 3060-CM-GOV.</p> <p>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.</p> <p>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 taken to various facilities for recycling. Tonnages are tracked by the contractor as part of the City's C&D Ordinance.</p> <p>POMONA (239.95 tons): The City's tree contractor mulches, chips, and reuses wood waste. The haulers reported a collection of: Athens 60.22 tons, Burrtec 46.16 tons, and VV 133.57 tons.</p> <p>RANCHO PALOS VERDES (44.36 tons): In 2018, 44.36 tons of wood was diverted at C&D recycling facilities from private and public projects.</p> <p>SIERRA MADRE: Wood is recycled through the C&D program, however the tonnage is not identified separately for wood.</p> <p>SOUTH GATE (318.78 tons): 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 and not broken down by material type. In 2018, Waste Management diverted a total of 318.78 tons of C&D, an increase of 235.76 tons of C&D from 2017.</p> <p>TORRANCE: Wood waste is separated at transfer stations from C&D debris to be recycled. Some wood waste is collected in the 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.</p>		
4060-SP-CAR (Concrete/Asphalt/Rubble)		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1079136.86	Selected in SRRE: Yes
		Owned or Operated: No

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Selected Program Details:

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

Jurisdiction Notes:

ARTESIA (297.89 tons): Total C&D diverted: 297.89

BEVERLY HILLS (19,431.49 tons): All C&D, concrete/asphalt and inert 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 and commercial recycling data annual report. The City will improve its ordinance to reflect the CalGreen requirement of 65% diversion. The current ordinance gives the City the ability to enforce the existing State regulation.

BRADBURY (33.81 tons): The City's Building Department requires all contractors/homeowners to submit a Construction and Demolition Debris Recycling and Reuse Plan documenting how the project will achieve recycling 65% of the debris generated. The plan must be reviewed and approved prior to the issuance of any permits.

DOWNEY (1,259.00 tons): C&D ordinance /application process requires residential and commercial sector to recycle concrete/asphalt/rubble to recycle 100% inerts.

DUARTE (390.24 tons): The City's franchised waste hauler, Burrtec Waste, collected 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 (943.00 tons): 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. City webpage: <http://www.hermosabch.org/modules/showdocument.aspx?documentid=578>

The City continues to post the Demolition Permit Checklist on its website:

<http://www.hermosabch.org/Modules/ShowDocument.aspx?documentID=3521>

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 366 tons from this program resulting in a 79% recycling rate. The Public Works Department recycled 40.18 tons of C&D. The franchise hauler reports 537 tons of C&D diversion from the industrial sector(roll-off service). Building permit applicants are mandated to use the franchise hauler's C&D collection service. The County of Los Angeles Public Works Department, SWIMS, reported 39.98 tons of C&D were used as ADC at the Antelope Valley Recycling and Disposal Facility, Azusa Land Reclamation, and the Lancaster Landfill, diversion tonnage is reported in 7040-FR-ADC. The City's C&D Ordinance remains in effect.

HIDDEN HILLS (1,480.48 tons): There are four companies that collect C&D waste from construction projects and take it to various facilities for recycling. In 2018, 1,040.59 tons of C&D debris and 439.89 tons inerts were recycled.

LOS ANGELES (1,024,479.44 tons):

Airports (LAX):

C & D Debris and PMB: 21.07 tons of C&D material, reported by MSD, went to Downtown Diversion. 128,987 tons of concrete from the R25 reconstruction project were crushed (via rock crusher) and sent off-site to be used on other projects. Most of this crushed rock went to the Rams Stadium Project.

Harbor (POLA):

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 2017, 37.50 tons. Additional 10,585 tons reported from Construction and Demolition Waste Management reports (C&D Recycling Reports).

Recreation and Parks:

Asphalt Programs: Recreation and Parks makes every effort to take asphalt removed from any park project to appropriate recycling sites in lieu of the landfill. This is ongoing.

Sanitation (LASAN):

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.

Street Services:

Asphalt Programs: 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 principal 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 the Bureau.

Asphalt Recycling: Asphalt recycling is part of BSS's 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.

Cyclecan Fines Recovery: The Bureau of Street Services (BSS) recycles concrete debris generated from sidewalk, curb,

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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 based material.

LYNWOOD (744.83 tons): A local C&D recycling facility reported recycling 568.72 tons inerts and 175.83 tons mixed debris from Lynwood sources in 2018.

MANHATTAN BEACH (523.03 tons): Scrap concrete and asphalt left over from City projects is collected by Waste Management in bins at the Public Works Yard (390.10 tons). Construction & Demolition waste left over from City projects is collected by Waste Management in bins at the Public Works Yard (132.93 tons). The City's Construction & Demolition recycling ordinance requires all demolition projects and all construction projects 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 (1,890.40 tons): 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 (2,963.57 tons): The City has four non-exclusive franchise haulers. The City follows CALGreen regulations. The City haulers reported: Burrtec (973.32 tons), VV (825.63 tons) and WM (1,164.62 tons).

RANCHO PALOS VERDES (7,511.53 tons): In 2018, 2,154.60 tons of asphalt, concrete, and 2,536.93 tons of mixed C&D waste was diverted at C&D recycling facilities from private and public projects. The City's permitted haulers reported recycling 1,202.47 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 (est. 2,820 tons).

REDONDO BEACH (2,025.55 tons): The City has an ordinance that requires a Waste Management Plan to ensure that the generated waste from construction projects are recycled. The City's educational literature and materials stipulate that 65% of the material be recycled as mandated by the State. To ensure compliance there is a \$3,000 refundable deposit with a \$117 nonrefundable City fee.

ROSEMEAD (229.00 tons): A total of 229 tons of mixed C&D was collected and processed by the hauler.

SIERRA MADRE (466.56 tons): Concrete is recycled via the C&D program, which was passed as an ordinance by the City Council in 2004.

SOUTH GATE (606.04 tons): 606.04 tons of clean dirt was taken to the Waste Management Azusa Land Reclamation facility where it was put to beneficial use for the construction of tire cells, daily cover, reserve stockpiles and drainage improvements/regrading. Additionally, 414.88 tons of C&D material was taken to Waste Management's Construction and Demolition Recycling Facility. Of those tons, 318.78 were recycled. 76.8% of material taken to the Waste Management C&D facility was recycled, exceeding the 65% CALGreen requirement. The 318.78 tons of C&D is reported under section 4050. In 2019, the City of South Gate and Waste Management will work on reviewing the current municipal code that requires the diversion of C&D material. In addition, the City of South Gate will be strengthening its third-party recycling tracking.

TORRANCE (14,461.00 tons): Tonnage from City crews to transfer stations includes: tons asphalt, tons dirt, and tons concrete. (not including data from licensed haulers or from the City's C&D recycling program; those tonnages are under Program 4100). Data is from capital projects for asphalt/concrete (7,712 tons) and from City-operated asphalt zipper (6,749 tons).

4090-SP-RND (Rendering)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 6497.11	Selected in SRRE: Yes
		Owned or Operated: No

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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. Grease is currently 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. LA County Department of Animal Care & Control handles other dead animals.

LOS ANGELES (6,089.11 tons)

Airports (LAX):

Grease Rendering: Per LAWA's Vimal Patel, LAWA does not track tenant grease recycling. LAWA just makes sure that grease is being appropriately managed. As of 4/29/2019, CDG's Benet Sanchez was able to get the grease rendering information from Baker Commodities, Inc., the third party who picks up the grease for rendering. Any deceased pest animals that are collected are either used for raptors, given to the raptor rehab group, or given to UCLA for a project study on a particular virus in canines and other animals.

Sanitation (LASAN):

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 expired in November 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. The City's Animal Control division handles the dead animal program. The City inspects restaurants and educates them about FOG as part of stormwater compliance.

MANHATTAN BEACH: FOG program is in effect, which 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, which 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 (408.00 tons): City restaurants and grocery stores continue to render meat scrap, bone, and grease.

SOUTH GATE: Based on various site visits to customers in the City of South Gate, many of them have a third-party service for grease and marrow through companies like Baker Commodities Inc. and LA Grease Solutions, Inc. In addition, roadkill is collected by SEAACA.

TORRANCE: Animal hospitals and restaurants participate in rendering. The City is also part of the County's rendering program.

4100-SP-OTH (Other Special Waste)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 20842.59	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

BEVERLY HILLS: E-waste collection events are held at farmer's market once a month. Residents who seek medical disposal are referred to the West Hollywood Sheriff station dropbox. The city also participates in the annual LA County roundup.

DUARTE (376.11 tons): 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 240 gallons of used motor oil and 25 oil filters. Classified as "Special Waste," this diversion tonnage is not included in Total Annual Diversion Tonnage.

Los Angeles (73.48 tons):

Airports (LAX):

Pallet Recovery or Recycling: Dropping this line item since there is already a pallet recycling line item completed on the 2018 COW report.

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. 32,703 lamps and 2,475 ballasts were collected for recycling. Vendors used were Veolia ES Technical Solutions, Rayvern Lighting, Grainger, and Clean Harbors.

Sanitation (LASAN):

Multifamily Bulky Item Pick Up: LA Sanitation picks 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. Any recyclable white goods or mattresses that can reasonably be diverted for recycling have been reported under their respective programs.

Residential Bulky Item Pick Up: Residents are encouraged to report illegal dumping or bulky items and request City services via the MY311 app. A total of 732,686 bulky item pickup requests were received in 2018. Abandoned waste collection and removal is now part of the expanded service provided by LASAN. Any recyclable white goods or mattresses that can reasonably be diverted for recycling have been reported under their respective programs.

MANHATTAN BEACH: In 2018, 26.15 tons of white goods were collected. WM received 2,249 total requests for bulky pick ups in 2018.

PALOS VERDES ESTATES: Twice per year, the City of Palos Verdes Estates hosts a prescription drug drop-off event on National Prescription Drug Take Back Day.

POMONA: (moved to 9050-HH-OTH)

RANCHO PALOS VERDES: The City continues to encourage residents to recycle home-generated SHARPS at the local S.A.F.E. Center (in neighboring LA) and at the annual HHW/E-Waste roundup. Other disposal options are presented on the City's website and in print ads.

TORRANCE (20,393.00 tons): Tonnage is from the City's (per ordinance) C&D recycling program (not including data from licensed haulers). Includes (8,102 tons) asphalt/concrete, (1,219 tons) inerts, (203 tons) metals, (208 tons) wood and (6,616 tons) of mixed materials. Also included is dirt from capital projects (4,045 tons).

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: The City's website, CR&R website, and digital marquee are used to advertise recycling events, along with "Recycling Today," a quarterly newsletter 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 advertises tips and programs through the City newsletter, website, and mass email blasts through Connect CTY.

DOWNEY: The City promotes all CalRecycle-mandated programs on its website, City Hall monitor, as well as the hauler's website.

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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 Duarte 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, recycling, and HHWE information on their websites. The City also hosts an interactive Environmental Program webpage. The franchise hauler includes a Live Chat feature on its Residential Services web-pages. 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 MORE 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 its Twitter account. The West Basin Metropolitan Water District sponsored and promoted drought-tolerant landscaping workshops, the events were posted on the City's website.

Bulky Item Pickup Online Request Form Athens Services webpage:

https://athensservices.com/bulkyitempickup/?doing_wp_cron=1554735031.9916288852691650390625

Residential Services online Athens Services webpages:

[https://athensservices.com/residentialservices/cityofhermosabeach/?](https://athensservices.com/residentialservices/cityofhermosabeach/?doing_wp_cron=1554696862.2831048965454101562500)

[doing_wp_cron=1554696862.2831048965454101562500](https://athensservices.com/residentialservices/cityofhermosabeach/?doing_wp_cron=1554696862.2831048965454101562500)

Residential Waste and Recycling General Information City webpage:

<http://www.hermosabch.org/index.aspx?page=663>

HIDDEN HILLS: The City provides educational outreach via the City's cable channel. The City's website includes a link to WM GI Rubbish's website and an electronic copy of the newsletter. Some residents (about 690) are registered through the City's non-emergency e-notification system.

LOS ANGELES:

Sanitation (LASAN):

RecycLetter: The quarterly "recycLetter" newsletter is sent to all City staff; articles focus on recycling and waste prevention, including topics related to food waste. The newsletter is supplemented by episodic email blasts with short recycling and EPP messages. The recycLetter is also published in Spanish.

Public Outreach: LASAN maintains a website at lacitysan.org as well as a robust social media presence, including Facebook, Twitter, Instagram, Pinterest, and NextDoor. Events are posted on Eventbrite. The Los Angeles Regional Agency (LARA) also maintains a website at laregionalagency.org and actively posts content to Facebook, Twitter, and Instagram.

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 residents of 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 pick up, plastic bag and polystyrene ban, and reusable bag program, news updates on Day Without a Plastic Bag, etc. Also, the City online newsletter for spring, summer, fall, and 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.

PALOS VERDES ESTATES: The City continues to provide solid waste and recycling 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, and reader board to promote: recycling, AB341 compliance, AB 1826 and zero waste. Printed material includes the 888 CLEANUP operated by LA County.

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,

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composting, and HHW collection events are promoted on the City's website, announced on the City's television station, emailed through listserv announcements, and/or 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 (SBBEC) 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 SBBEC SEED Awards.

ROSEMEAD: The City completed another update to the website to include all recycling programs, updated mandates, Empty, Clean & Dry program, and organics. Rosemead has a Facebook, Instagram, Twitter, and YouTube channel used 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 advertises all of its programs on the City's 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. The City also provides regional locations and information as it becomes available. The City's "E-Blast" opt-in rate is an excellent 5,500 out of 11,000 total residents.

SOUTH GATE: Waste Management developed a website specific to South Gate businesses where MCR and MORE information can be found. In addition, the City of South Gate updated their website to showcase MCR and MORE information. Waste Management also provides the City of South Gate with MCR and MORE content for their Business Connection article. Waste Management promotes MCR and MORE via social media channels and local media outlets. For example, in 2019 Waste Management launched their Recycling Champion program where the City recognized one business, multifamily property, and residential block for their exceptional recycling efforts. Lastly, Waste Management and the City of South Gate provided public education to residents and businesses on proper recycling practices via a digital billboard off the 710 Hwy and the Firestone Blvd and Garfield Avenue intersection.

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 PSAs that are on the website, but also run on our cable station, YouTube, and regular television stations. Events are posting on the City's Facebook, Twitter, and related accounts; through email blasts to the School District and the SBBEC; and through the City's and the Chamber's weekly email newsletters. This was the fourth year of the City's digital Earth Day newsletter. The City also has 3 permanent digital marquees that we use for promoting events.

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

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: 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.

BEVERLY HILLS: The City distributes brochures and flyers on solid waste and two-stream recycling during public outreach events. Postcards are mailed and information is also placed on utility bill. There is also a quarterly newsletter that goes out to residents with City's service information. Education and outreach material is available at the City's public counters.

BRADBURY: The City counter provides flyers to the public to advertise environmental programs and events. In addition, the City's hauler inserts quarterly newsletters with bills to advertise special collection events and services offered.

DOWNEY: The City franchised hauler, CalMet Services, inserts quarterly newsletters with residential and commercial billing, but not limited to: collection day reminders, a list of items that can be recycled, etc. Recycling events and collection centers are published in the City's Park & Recreation Guide three times a year; also advertised in the City's local paper "The Patriot."

DUARTE: The City's franchised hauler mailed 4 newsletters to residents in 2018. Commercial accounts received 2

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newsletters which highlight AB 341 and 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. The City also heavily uses social media messaging and regularly keeps recycling information on its City Hall electronic sign.

HERMOSA BEACH: The Community Development and Building Departments continue to place County of Los Angeles S.A.F.E. HHW Roundup brochures and AB 341 and AB 1826 flyers on the public counter. The Community Development Department has posted Recycling posters in English and Spanish in its window at City Hall. 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 also has Storm Water Pollution brochures, Hermosa Beach Environmental Programs flyers, HERO Energy Efficiency Program brochures, West Basin Free Water Education brochures and the Metropolitan Water District of Southern California's (bewaterwise.com) brochures. 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.

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

LOS ANGELES:

Airports (LAX):

Publication of Program Status and Results: LAWA includes solid waste and recycling information in the annual sustainability reports.

Harbor (POLA):

HD Employee and Tenant Education Program: Harbor HD Employee and Tenant Education Program: In 2018, there were no outreach events. In 2018, quarterly newsletters were sent to Construction and Maintenance Yard divisions as part of the Environmental Management System education and communication program.

Water and Power (LADWP):

Community-Based Public Relations: LADWP recycling is promoted in the community in billing notices, community events, and Earth Day programs.

LYNWOOD: In 2018, two editions of recycling guides were delivered to all residential accounts. Additionally, all commercial accounts received printed information regarding MCR and MORE compliance. Two articles addressing MCR and MORE were in the City's Lynwood In Perspective newsletter (also available electronically on the City's website), Lynwood Wave Newspaper, and LA Opinion Newspaper. The City's MCR/MORE recycling flyer was inserted in the City's water bills in November and December 2018. Printed material is available at all public counters for the residential and commercial sectors. Printed material is also provided at City events at the Public Works Department booth.

MANHATTAN BEACH: The City's hauler is required to conduct outreach material annually. Special print project collaboration with WM, City, and Girl Scout Gold Award project Hannah Bergin. Included in 13,000+ residential and commercial bills and 500 extra at City facilities for in-person distribution. Designed/created 2-sided bill insert with removable die-cut sticker for the recycling cart re: Recycle Right campaign keep recyclables dry and out of a bag. Side 2 has full menu of recycling services offered by WM. Spring, Fall, and Winter Newsletters for residential and commercial customers (each had separate newsletters) covered topics such as AB 341, AB 1826, material sorting guide, menu of services for recycling including HHW, facility tour dates/locations, composting class dates/locations, Green Business Certification program, service tips & reminders, paper shredding event date/location. Hard copies available at core government facilities. 3 Beach Reporter ads placed for composting classes. At Your Door bill inserts and Commercial At-a-Glance services menu cards at City facilities and distributed at City events. The City placed a full-page color ad in Beach Reporter's KINDNESS edition: How Can You Be K.I.N.D. to Mother Earth? Focus on all the ways to reduce waste and conserve natural resources. WM created & distributed downtown commercial summer holiday flyer.

PALOS VERDES ESTATES: The City's residential franchise hauler provides information via billing inserts and newsletters. The City also provides copies of printed materials available at the City Hall counter and Council Chambers entry table. Printed materials contain information related to MCR, MORE, C&D waste, etc.

POMONA: The franchise haulers promote through flyers, newsletters, and information on their website. The City continues to provides information in the form of: notices at City Hall, City facilities, signs on refuse trucks, flyers, brochures, and newsletters.

RANCHO PALOS VERDES: Articles are published in the PV Peninsula News, Daily Breeze, PV Seniors newsletter, and the City's Quarterly newsletter (sent to all City 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 renewal process. Information is also posted at all City facilities. Bulky waste and Christmas tree collection information is placed in the City newsletter.

REDONDO BEACH: The City and Athens print a revised commercial and residential brochure every year. The brochures

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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. The hauler also updates their flyers and trifold annually to promote any new mandates or programs. The City's Spring and Winter brochure promoted MCR and What is recyclable. The newsletters are mailed to the residents and businesses quarterly. Additional education pieces are available on the City counters, library, and Chamber of Commerce.

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. Information on MCR, MORE, and Waste Management services are available at City Hall, City of South Gate Chamber of Commerce, and the City of South Gate City Yard. In addition, in 2018 Waste Management created a City of South Gate Welcome Guide where all WM-provided services are shared with residents. At the end of 2018, Waste Management and the City of South Gate developed recycling and bulky item collection residential cart stickers that were placed on all recycle carts across the City. The goal was to educate residents about the bulky item program to reduce the amount of illegal dumping and increase recycling participation. In 2019, Waste Management will send out a bill insert newsletter to commercial customers in South Gate informing them about MCR and MORE.

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: .18	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 (167 site visits were performed last year).

BEVERLY HILLS: The City held Earth Day events, Public Works Day, National Night Out, Safety Week, and National Education Week. Public Works presents recycling/environmental topics for direct interaction to residents at our annual Team Beverly Hills.

BRADBURY: The City includes educational information relating to recycling in the City's monthly newsletter some topics include composting, planned obsolescence, and environmental stewardship. Additionally, the City promotes educational outreach during Bradbury Night Out, a community event 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: The City conducts public outreach along with the franchise hauler regarding AB 341, AB 1826 & SB 1383 at approximately 11 events each year, Street Faire, National Night Out, 9 monthly litter cleanups, and two City Council meetings.

DUARTE: The City conducts public outreach at approximately 10 events per year, including an Earth Day event, in addition to providing the schools with recycling informational materials courtesy of LARA.

HERMOSA BEACH: The City made two AB 1826 presentations, one to the Hermosa Beach City School District and one to the California Green Business Network. The solid waste consultant continues to conduct 20 site visits annually providing AB 341, AB 1826, waste prevention, and waste reduction educational outreach materials. 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 continues 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 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, 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

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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 in September.

LOS ANGELES (0.18 tons):

Airports (LAX):

Continued Program Enhancement: We do this in our annual sustainability reports. LAWA also partners with LASAN on several donation drives during the year which include: gently used professional clothing (men's and women's), used linen, used toys, etc. We promote these donation drives so that employees can participate in them, and we inform people of the results of what was collected at LAWA on our intranet and/or community relations Facebook page.

Tenant Recognition/Tenant Training Certification Course: LAWA promotes our tenants/partners for their participation in our sustainability programs, where possible, via the annual sustainability report press releases, email blasts, etc.

Source Reduction Options Promotion: No known promotion of source reduction to tenants during 2018 but we expect to work closer with the tenants to promote recycling and source reduction after we complete the Sustainability Action Plan.

General Services:

Vendor Outreach Program: GSD sponsored a Vendor Fair with over 500 businesses present in order to conduct vendor outreach and showcase recycled products available on City contracts. Additionally, GSD participated in various seminars and outreach events throughout the year in order to conduct additional vendor outreach and convey information to vendors on how to start doing business with the City of Los Angeles. Included in these outreaches was information pertaining to the City's EPP Program.

Harbor (POLA):

Waste Reduction and Recycling Surveys: In 2018, 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 ongoing and centered on its largest division, Construction and Maintenance.

Harbor Tenant Diversion:

Tenant Recognition: Tenant Recognition Program is ongoing through the California Clean Marinas Program. Detailed information on certified "clean marinas" can be found at <http://www.cleanmarina.org/thecleanlist.html>

Office Furniture: None of the tenants that were reached reported office furniture diversion from landfills. (22 tenants, 10 responded)

Textiles: One of the tenants reached, donates clothing to homeless shelters. (22 tenants, 10 responded)

Sanitation (LASAN):

America Recycles Day: In honor of America Recycles Day, LASAN held a donation drive collecting sealed, unused takeout utensil packs and condiment packets from City employees; items that are often received with takeout and delivery meals but frequently not used. (Tonnage reported under Program 1050.)

Community-Based Public Relations: LASAN hosted Earth Day LA and six Open Houses at each of the Sanitation yards. LASAN uses Facebook, Twitter, LinkedIn, YouTube, Instagram, NextDoor, Pinterest, and Eventbrite to promote its events. LASAN serviced a total of 369 events for a total of 7.96 tons of recyclables collected (reported under Program 2080).

Green Business Program - 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. Per contract, 150 businesses are certified each calendar year by LA Green Business. The LA Green Lodging Program certified the Sofitel Los Angeles in 2018 while the LA Green Arts Program completed an assessment for Ford Theatre. Assessments are done by consultants. All 3 programs are to be consolidated into one contract in 2019.

Employee Education: During 2018 LASAN provided 6 zero-waste recycling training sessions to City employees at various locations. EPP training sessions were also hosted for City employees. LASAN also hosted two backyard composting training sessions for City employees at its headquarters, an event that received coverage from Channel 35, LA's community access TV station. Several informational booting events were also held that focused on food waste, home composting, EPP, and avoiding single-use bags.

Water and Power (LADWP):

Conduct Department Facilities Waste Audit: Three LADWP LEED facility waste audits were conducted during the 2nd and 4th quarters of 2018.

LYNWOOD: The City promotes environmental programs through booths at community events and provides technical assistance when requested. In 2018, staff was at several events providing information at the schools, public counter areas, and library. Events include Earth Day, 4 groundbreaking ceremonies, a Fruit Tree Giveaway, National Night Out.

MANHATTAN BEACH: The City and staff are members of SBBEC and on Application Review and Planning Committee for annual SEED Awards, which occurs in Sept. each year, recognizing local businesses for environmental efforts/leadership. The City's hauler is 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 2018, the hauler provided a tour to the Azusa MRF (9/17 & 11/19) and the CORE Food Waste Facility and MRF (10/22). The City hosted an Environmental Quiz Booth with recycled material

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prizes at the annual Hometown Fair, a two-day event which draws over 10,000 community members.

PALOS VERDES ESTATES: Hauler for school district has recycle bins at all City Schools. At the February 13, 2018, City Council meeting, where Ordinance No. 18729 and Ordinance No. 18730 were presented, representatives from multiple commercial haulers operating within the City were in attendance to make public comment on the importance of MCR, MORE, and other compliance requirements related to waste. Each of the three (3) permitted commercial haulers provides waste audits and assistance to commercial clients.

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 as the Fairplex Recycling Roundup event, Earth Day, Beautification Day, SGV Awards, ShredaThon, 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/or 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, mini recycling bins, coloring books, pencils, first aid kits, and pens. The City participates in and encourages organizations to apply for the SEED Awards. In 2018, one RPV applicant won an award.

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 applications describing their efforts at sustainability. The SBBEC selects the winners and runners-up 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 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: The City and Republic Services participate and promote all diversion and updated programs at some of the following events, 4th of July Parade & Celebration, Community Yard Sale, Easter Eggstravaganza, Memorial Day, Concerts in the Park, 9/11 Memorial, Moon Festival, Fall Fiesta, Trunk or Treat, Christmas Tree Lighting & Dinner with Santa Farmers Market.

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 2018.

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 2018, Waste Management supported the South East High School Interact Club with recycling carts for their school recycling program. All funds that the club raised were used for club activities, including community cleanup events. In addition, Waste Management partnered with the City of South Gate Police Scanner Facebook Group (12,000 followers) to host a live Q&A with South Gate residents. WM provided residents with information ranging from recycling, recycling contamination, bulky item collection, HHW, paint and oil recycling, and more. In addition, during the third-party commercial audit, Waste Management shared MCR and MORE information with businesses in the City.

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 Public Works Open House, Environmental/Health Fairs, Farmer's Markets, Chamber Expos, 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, that includes environmental awards. The City also participates in the annual SEED awards. Torrance is now part of the California Green Business Network and recruited 15 businesses for certification during our first grant cycle.

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: Educational material and presentation was done by the City's staff at one of our elementary schools.

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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 educational materials that highlights 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, CS Arts SGV, and elementary schools.

HERMOSA BEACH: The City made an AB 1826 presentation to the Hermosa Beach City School District and conducted waste audits at the two schools' cafeterias. The students continue to participate in a Food Recovery program collecting beverage containers and produce that was not selected by students during break and lunch periods and place the recovered items on the Share Table. 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 2018, Grades to Green promoted water conservation, recycling and composting curricula 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 continues to make donations annually to the Hermosa Beach Education Foundation, Leadership Hermosa, and Grades of Green; this year a \$2000 donation was made to replace polystyrene food trays with cardboard food trays in the two school cafeterias. The franchise hauler continues to provide recycling educational outreach materials to both schools.

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 include Recycle 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: Lynwood schools continue to participate in the County's Environmental Defenders program. In 2018, 9 assemblies were held at 6 elementary schools and reached 3,645 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 to each school in Manhattan Beach Unified School District offering recycling services and outreach (including assemblies and touch a truck events) for partnership 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 not bagged, boxes are broken down, and that residents have more recycling than trash (right-sized carts). Top 20 recyclers w/no contamination/recyclable rich content, dry, clean, not bagged wins 1 month free trash service. 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 2018 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 SGVCorps 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 County sponsored one Earth Day assembly at one elementary school and WM conducted an Earth Day assembly at another.

ROSEMEAD: In 2018, the hauler continued to host assemblies and Earth Day Week. Republic Services gives five \$1,000 scholarships to students that write essays on key environmental topics.

SIERRA MADRE: Staff continues to reach out to both public and private schools with speaker availability for a variety of sustainable topics.

SOUTH GATE: As schools in South Gate are managed by LAUSD and serviced by their contracted hauler, the City does

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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: Spent 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. At least 10 schools have been through the Grades of Green Trash Free Lunch Challenge, including this years participants, Carr and Victor Elementary. Victor actually won the competition. The City donates outreach materials, recycling bins, and other equipment to local schools on request. This year the City donated 200 14-gallon recycling bins to the school district. A number of Torrance schools also use the County's free school assemblies each year.

5040-ED-OTH (Other Public Education)

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:

DOWNEY: Flyers provided on: HHW, Drug Take-Back Events, PaintCare, Used Oil Certified Centers, HHW Permanent Collection centers, CRV buy-back centers, Earth 911, C&D Recycling facilities list, Shredding Events, and Mulch Events are located at Public Works counter at City Hall. All upcoming events advertised on City Monitor, website, Facebook and P.W. page on website. All current events are advertised in Downey Patriot, on monthly cleanup flyers, and in the Park and Recreation Guide.

LOS ANGELES:**Sanitation (LASAN):**

Los Angeles Environmental Learning Center: In 2018, the Los Angeles Environmental Learning Center at Hyperion received 21,484 visitors.

Water and Power (LADWP):

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 2 Food Waste Recycling street banners that hung every month in 2018. A Composting Class street overhang banner was hung 3 times in 2018 for 2 weeks each (total of 6 weeks). The City of Manhattan Beach Sr 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 and recycling-related educational quizzes were 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 on their website.

ROSEMEAD: The Chamber inserts community programs in their quarterly Rosemead Report.

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. To further promote recycling and sustainability each year, the City distributes giveaways, such as reusable water bottles, battery packs, and tote bags made of recycled materials, provided by LARA.

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

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Jurisdiction Notes:

DOWNEY: The City is promoting a single-use plastic bag ban and a plastic straw ban.

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

LOS ANGELES:

Single-Use Plastic Bag Ban: National and local grocery and drug chains continue to submit quarterly reports of paper bags and reusable bags sold. 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. Regular spot checks have shown that the populace has become accustomed to the policy and many shoppers have changed their behavior accordingly. Complaints/questions from residents and/or retailers are resolved via telephone, email, or actual field visits.

MANHATTAN BEACH: 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. On July 1, 2018, Ordinance 180016 became effective, banning single-use plastics for sale and distribution including: straws, stirrers, lid plugs, and utensils including bio-plastics (#7), polystyrene egg cartons, packing materials, and produce vegetable/fruit trays (paper/cardboard and biodegradable material ok) within City limits. Also, straws and "to-go" service ware is only provided "upon request" of the customer and cannot be made of polystyrene. Utensils/service ware can only be made of non-plastic material such as wood, metal, bamboo, fiber, glass. Plastic Free MB section of City's website: <https://www.citymb.info/departments/environmentalsustainability/plasticfreeemb>. 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 cigarettes 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 ocean ways. Smoke Free MB on City's website: <https://www.citymb.info/departments/environmentalsustainability/breathefreembsmokefreepublicareas>. The "Bring Your Own" campaign is the cornerstone branding for the reduction of disposable product use. <http://www.citymb.info/departments/environmentalsustainability/polystyreneordinanceandbringyourowncampaign>

PALOS VERDES ESTATES: None for this reporting period.

RANCHO PALOS VERDES: No new product or landfill bans were implemented by the City in 2018.

SOUTH GATE: The City of South Gate has a ban on single-use plastic bags.

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 | Deposit | Reward/Contest | Franchise Fee

Jurisdiction Notes:

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

BEVERLY HILLS: Under the City's current franchise agreement, commercial recycling bins are free of charge. Also, contractors working in Beverly Hills using the hauler facility for processing are given a discounted gate rate. For the residential sector, residents whose property qualify receive discounts on the refuse bill for land that is part of the hillside that is deemed unusable property.

DOWNEY: Free recycling for commercial businesses is offered by the franchise hauler. No charge for additional greenwaste cart for residential customers. Free bulky item collection for residential customers.

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.

HERMOSA BEACH: The franchise hauler continues to offer all residential accounts a variable bin 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 bin. 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 to the

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commercial sector for clean source-separated materials including paper, cardboard, and C&D. The City continues to promote recycling and reuse of construction and demolition materials as part of the Public Works/Community Development/Building Department permitting process for construction and demolition projects.

HIDDEN HILLS: There is a variable-rate structure incorporated into the franchised hauler agreement to encourage recycling since recycling is a 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 (LASAN):

Recycling Market Development Zone: In 2018 the City of Los Angeles's new Zone Administrators (ZAs) presented the RMDZ program at four events, tabled at six events, and worked with five new potential RMDZ loan recipients. ZAs also made connections with the LA Chamber of Commerce and staff from the Mayor's Office of Economic Development to provide additional assistance for businesses. ZAs also participated in two working groups regarding circular economies.

LYNWOOD: In 2018, new residential customers with more than one mixed waste cart are charged for the extra cart(s). This will extend to all residential customers in 2019. Additional greenwaste carts are still free. Commercial recycling customers are charged half the rate of equivalent trash service.

MANHATTAN BEACH: The 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 have tiered rates as well. Food waste collection is included as part of the base rate for services and 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. Twice per month, the City awards \$250 to two residents who recycle and/or separate greenwaste. 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. Residents receive a \$5/quarter rebate as an appreciation for their recycling efforts.

ROSEMEAD: Republic Services hosts a Recycling Rewards program. Each quarter the hauler compares 10 city zones and awards the zone with the most recycling collected. Residents that sign up for the program are eligible to win. All awarded zone residents that registered for the program are eligible to win a \$10.00 gift card from a local Rosemead business. The contest is held 4 times a year. Additionally, each calendar year Republic Services awards the zone that recycles the most with \$10,000 towards a community project.

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 create an incentive for recycling. Waste Management has a program set in place to capture the number of customers who need to readjust their services. Due to the snapshot program, 56 commercial customers increased 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 an 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

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Selected Program Details:

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

Jurisdiction Notes:

ARTESIA: The City revised its Construction and Demolition Recycling Ordinance in 2018.

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

BRADBURY: No new ordinances in 2018.

DOWNEY: The City has an anti-scavenging ordinance in place. The City implemented a C&D ordinance in February 2007 which was updated to reflect the CALGreen, in 2016 to 65% diversion and the Water Conservation Regulations & Restrictions Ordinance June 2015.

DUARTE: The City adopted and implemented a new C&D Ordinance in 2018 which places specific diversion requirements on major demolition and construction projects in the City in conformance with current CalRecycle Diversion rates.

HERMOSA BEACH: The City's C&D Waste Reduction Policy, AB341 / MCR Policy, Recycled Products Procurement Policy, Plastic Bag Ban Ordinance and Polystyrene Food Service Container Ban remain in effect. The City is developing a Biodegradable / Reusable / Compostable Serviceware Ordinance for schools and commercial accounts serving food.

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 the permit is issued. Upon completion of construction, the final accounting and certification of diverted material is provided by the C&D hauler. The deposit is released if diversion is verified.

LOS ANGELES:

Sanitation (LASAN):

Single Use Bag Ban: The Single-Use Bag Ordinance came into effect in 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 (LADWP):

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 the document will workflow to the proper approval authority delegated by the GM's office.

LYNWOOD: The City amended the C&D Ordinance (#1713) on 10/2/18 to meet the 2016 CALGreen standards and require Waste Management Plans of all applicants. The Purchasing Ordinance (#1711) was amended on 6/19/18 and includes a subsection for a more stringent Recycled Products Procurement Policy. The City currently has anti-scavenging and illegal-dumping ordinances and continues to evaluate the need for new or expanded ordinances.

MANHATTAN BEACH: On July 1, 2018, ordinance 180016 became effective amending the definitions of several terms and prohibiting single-use plastic/polystyrene packing material, egg cartons, fruit/veggie trays for distribution/sale. Formal enforcement begins 1/1/19 to allow businesses to expend their current stock. No further purchases may be made for distribution/sale. Also, establishes upon-request rule in effect for disposable, non-plastic straws and utensils at all establishments in MB.

PALOS VERDES ESTATES: On February 13, 2018, the City passed Ordinance No. 18729 related to mandatory commercial and multifamily residential recycling. Ordinance No. 18729 authorizes the City to enforce MCR and MORE regulations via administrative citation. The City approved Ordinance No. 18730 on February 13, 2018, which provides the City with an increased ability to enforce the CALGreen building code. C&D waste generators must submit a Waste Management Plan (WMP) that is approved by City staff. The WMP outlines diversion goals which are then checked by City staff as part of the final inspection process.

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 2018, the City continued refining its tracking and reporting process for C&D projects. No

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new ordinances were passed in 2018.

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

ROSEMEAD: No new ordinances in 2018.

SIERRA MADRE: The City continues to enforce its C&D ordinance, LID Ordinance, CALGreen Building codes, and Water Efficient Landscape ordinance procurement policy. The C&D Ordinance publicity has been updated to reflect the 65% diversion requirement from CALGreen.

SOUTH GATE: In 2018, the City of South Gate and Waste Management reviewed the current municipal code and the California Green Building Code. While the City does require C&D projects to report their diversion, the municipal code exempts any projects that fall below a specific monetary project evaluation. In 2019, the City and Waste Management will revisit the municipal code and require all C&D projects to report their diversion, no matter the monetary evaluation of the project. Given that the City's municipal code allows for self-hauling to take place for C&D projects, tracking of C&D diversion will be verified and tracked by the Community Development Department.

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. Currently looking into ordinance amendments on C&D recycling and private hauler requirements to increase compliance with regulations.

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

Jurisdiction Notes:

BEVERLY HILLS: The City encourages businesses and residences to go green by requiring them to follow the CALGreen building codes.

LOS ANGELES: The transition for the implementation of the Hauler Exclusive Franchise (recyclA) was completed in March of 2018.

SOUTH GATE: None to report.

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

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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 nonhazardous 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: The City of Bradbury continues to utilize the Waste Management MRF for sorting, processing, and marketing of recyclable materials. For recycling recovery City residents had a 79.10% recovery rate. The MRF is located in Los Angeles County's jurisdiction and is operated by Waste Management.

DOWNEY: Commingled residential curbside materials are separated at MRF Downey Area Recycling & Transfer Facility (DART) in Downey. Half of commercial is 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 are taken to Azusa "Waste Management" MRF.

HIDDEN HILLS: Single-stream recyclables are delivered to a MRF (primarily East Valley Diversion) for processing. Totals are reported under Program 2000-RC-CRB.

LYNWOOD: The City's hauler, WRI, uses its MRF in unincorporated Gardena 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 (1,762.76 tons), Valley Vista (16,885.03 tons)

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

ROSEMEAD: No changes; all mixed recyclables are taken to the Republic Services CVT facility for processing.

SIERRA MADRE: The City continues the use of Athens' MRF in Sunland, California, for its multifamily and commercial waste streams. In 2016, the mixed waste processing was extended in the Canyon section of Sierra Madre 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.

TORRANCE: The City is 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: 21126.39	Selected in SRRE: Yes
		Owned or Operated: No

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ARTESIA: Frank R. Bowerman Landfill (in Irvine) accepts only municipal solid waste from commercial haulers. Olinda Landfill (in Brea) accepts public and commercial solid waste. Prima Deshecha Landfill (in 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 (2,044.51 tons): Local landfills divert additional materials that are not reported as ADC. In 2018, 1637.88 tons other diversion, 406.42 tons beneficial use, and 0.21 tons offsite use were reported.

LYNWOOD (140.04 tons): Landfills continue to report diversion activities through the DRS. 140.04 tons were reported diverted in 2018.

MANHATTAN BEACH (18,853.29 tons): 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 (88.55 tons): In 2018, landfills reported diversion through beneficial use (87.96 tons) and offsite reuse (0.59 tons).

TORRANCE: There are no landfills in Torrance. Beneficial uses are shown under Program 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 residential waste hauler owns a transfer station that they use when processing the waste collected from the City.

POMONA: Tons reported by hauler: Burrtec 1,042.54 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 bimonthly collection of HHW and e-waste.

SOUTH GATE: Waste Management operates a transfer station in the City of South Gate. This transfer station has capacity to handle any inbound volume from the City of South Gate.

TORRANCE: The City is currently in contract with Republic Services for transfer station services, including greenwaste recycling. Residents can self-haul at the City's contracted prices. There are no transfer stations in Torrance.

7030-FR-CMF (Composting Facility)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 13403.17	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

BEVERLY HILLS (13,403.17 tons): 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 the Athens Environmental Services tonnage report.

BRADBURY: The City's hauler, Burrtec, takes most manure and greenwaste to the West Valley MRF to be processed for compost. Some greenwaste is also delivered to the Waste Management Azusa MRF.

DOWNEY: The City franchise hauler takes commercial organic waste to Tierra Verde Industries in Irvine. The City does not have a composting facility.

DUARTE: The City does not own a composting facility; however, Burrtec collects green waste 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 (Agromin and Peach Hill Soil, respectively). Totals are reported under Program 3000-CM-RCG.

LOS ANGELES:

Recreation and Parks:

Griffith Park Co-Composting Facility/Other: We are using 30% of our mulch to mulch around newly planted trees as part of the bullet train grant and as part of our Cal Fire inventory grant.

Sanitation (LASAN):

San Pedro Harbor Mulching Facility: In calendar year 2018 Harbor Mulching Facility was not processing material on-site due to the Lopez Canyon fire and replacing damaged equipment at Lopez. Harbor Mulching was used as a transloading location to send material to Rainbow Environmental for chip & grind. Tonnage amount of 19,548.55 is included in Program 3000.

Lake View Terrace Lopez Canyon Environmental Center: In calendar year 2018, due to the Lopez Canyon fire, tonnage to the facility was decreased due to constraints and equipment changes. Tonnage amount of 34,179.24 is included in Program 3000.

Griffith Park Composting Facility: The Griffith Park Composting Facility processes greenwaste from Griffith Park (80 tons) as well as herbivore animal waste from the LA Zoo (120 tons). Self-serve mulch and soil amendment is available to the public for pickup. Tonnage reported under Program 3060.

MANHATTAN BEACH: The City has a citywide industrial food waste program (which began in 2015) that 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 100% 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 the 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: No compost facilities currently in Torrance. 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: 42669.77	Selected in SRRE: Yes
		Owned or Operated: No

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.

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DUARTE: Greenwaste is delivered to the Azusa Waste Management MRF where the material is transferred to a greenwaste processing facility.

HERMOSA BEACH (1,950.00 tons): The franchise hauler reports 311.39 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 40 tons of C&D used as ADC at Antelope Valley Recycling and Disposal Facility, Azusa Land Reclamation, and the Lancaster Landfill. 1576 tons of "Other" materials were used as Beneficial Use at Azusa Land Reclamation and Chiquita Canyon. 2.78 tons was recycled and 20.18 tons of "Other" materials was used offsite.

HIDDEN HILLS: The City's haulers continue to use ADC for diversion of greenwaste and inerts. In 2018, 305.58 tons of greenwaste ADC, 736.29 tons C&D ADC, and 384.75 tons compost ADC were reported. To avoid double-counting from Programs 3000-CM-RCG and 4060-SP-CAR, the total reported for this program is 0.

LOS ANGELES (310,600.52 tons):
Sanitation (LASAN): These tonnages were from the DRS and a combination of residential and recycLA numbers. In 2020 the residential portion picked up by LASAN will be taken to CR&R for composting processes and to Rainbow/Republic for mulching processes.

LYNWOOD (176.48 tons): Landfills continue to report C&D ADC. 176.48 tons reported in 2018. The City's hauler does not send greenwaste to be used as ADC.

MANHATTAN BEACH: In 2014, the last remaining material, Christmas trees, was no longer processed and used for ADC.

PALOS VERDES ESTATES (6,901.64 tons): 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 the City is taken to Rios Recycling.

RANCHO PALOS VERDES (114.05 tons): In 2018, 114.05 tons of C&D ADC were reported.

ROSEMEAD (141.41 tons): The waste hauler Republic does not claim ADC. The tonnages reported to the DRS are from self-haulers.

SIERRA MADRE (2,201.60 tons): 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 (31,326.00 tons): Beneficial uses at landfills: ADC (7969 tons); Green waste/sediment (1414 tons); other (6556 tons) offsite other (140 tons); recycled (11201 tons); and compost (4046 tons).

ADC Totals (from DRS) for...

Artesia	9.16
Beverly Hills	1,644.68
Bradbury	10.71
Downey	39.97
Duarte	177.27
Hermosa Beach	61.53
Hidden Hills	1,089.97
Los Angeles	310,600.52
Lynwood	193.04
Manhattan Beach	760.6
Palos Verdes Estates	85.07
Pomona	258.04
Rancho Palos Verdes	114.05
Redondo Beach	136.98
Rosemead	141.41
Sierra Madre	2,943.9
South Gate	453.65
Torrance	778.35

8000-TR-WTE (Waste To Energy)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
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	Report Year Diversion Tons: 55711.13	Selected in SRRE: Yes
		Owned or Operated: No
Jurisdiction Notes: BRADBURY: This program was dropped. HERMOSA BEACH (1,724.40 tons): The franchise hauler reports 1724.40 tons of WTE from residential, multifamily and commercial accounts. HIDDEN HILLS: In 2018, 0 tons of transformation was reported. LYNWOOD (7,928.84 tons): In 2018, 7,928.84 tons of waste was delivered to the local WTE facilities. MANHATTAN BEACH (3,036.97 tons): Transformation by hauler taken to Commerce Burn (residential) (61.10 tons) and SERRF (residential) (2975.87) for a total of 3036.97 tons. PALOS VERDES ESTATES (1.00 ton): At least one of the commercial haulers services PVE businesses has a WTE system that feeds into the CNG source that collection trucks may use. RANCHO PALOS VERDES (1,264.23 tons): In 2018, 1,264.23 tons of transformation was reported by two facilities. REDONDO BEACH (14,506.99 tons): The City sends 10% of its waste to a waste-to-energy facility Long Beach SERRF. ROSEMEAD (4,166.70 tons): A total of 3353.54 tons is taken to SERRF, with an additional 813.16 tons taken to Commerce. SOUTH GATE: The City of South Gate did not record waste to energy in 2018. TORRANCE (23,082.00 tons): No WTE facilities are in 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
	Report Year Diversion Tons: 3423.3	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: O'Reilly Auto Parts collects used oil. The City promotes HHW collection events hosted by the County by posting event information on its website and social media accounts. In 2019, the City will try using its quarterly newsletter to advertise the annual HHW event that the City hosts.

HERMOSA BEACH: The City continues to promote County of Los Angeles HHWE collection events and drop-off centers. The franchise hauler provides e-waste curbside collection service to residents upon request. Requested residential curbside collection of e-waste is considered 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. The franchise hauler continues to post HHWE information on its website. The Los Angeles County Sanitation Districts reports 1,437 households participated in the HHWE Collection Event at Clark Stadium in January with 140 gallons of used oil, 3,594 gallons of paint, 2,054 gallons of miscellaneous gallons (miscellaneous gallons include flammable liquids including gasoline and solvents, liquid pesticides, herbicides, oxidizers (hydrogen peroxide, bleach) and liquid corrosives including drain, oven, pool cleaners, and ammonia), 192 car batteries, 400 gallons of coolant, 308 video displays and 24,224 pounds of miscellaneous e-waste (miscellaneous e-waste includes all e-waste that is not considered a covered electronic device (CED) including microwaves, can openers, clocks, stereo equipment, floor-cleaning machines, lamps, light strands, cords, power blocks, floor heaters, and table fans) were collected.
City webpage: <http://www.hermosabch.org/index.aspx?page=20&recordid=4832>

LOS ANGELES (3,423.26 tons):

Sanitation (LASAN):

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 2018, a total of 2,350 gallons of used oil (8.8 tons) was collected, and 21 drums (2.63 tons) of oil filters & 16 drums of absorbent rags (1 ton) were collected.

S.A.F.E. Centers: LASAN has established 7 permanent hazardous waste 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. Batteries collected from City facilities also are consolidated and shipped out at the S.A.F.E. Centers. Additionally, we have the CESGG program which is a fee-based program that collects hazardous waste from qualified businesses.

Water and Power (LADWP):

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. A Hazardous Waste Field Guide is available for further information.

LYNWOOD (0.04 tons): There are 6 oil Certified Collection Centers in the City. In 2018, 11 sharps kits (0.02 tons) were distributed to residents. There are battery drop-off locations at City Hall, City Hall Annex Trailer, Public Works Yard, Lucy Avalos Community Center, Youth Center, Lynwood Community Center, and Bateman Hall. In 2018, 0.02 tons were recycled.

MANHATTAN BEACH: There is no permanent facility inside City of Manhattan Beach lines, but the City does use permanent collection drop-off locations nearby. The 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 S.A.F.E. 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 newspaper print ads.

ROSEMEAD: The City actively promotes the County of LA Roundups on all City counters, library, and Chamber office.

SIERRA MADRE: The 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, which will be relocating to the City of South Gate.

TORRANCE: The City has about 26 certified used oil and filter collection sites, at least 3 paint care drop-off stores as part of the PaintCare program, and several retailers take rechargeable batteries, CLF bulbs, and other HHW items. Best Buy and Walsers also collect electronics. All options are promoted in regular outreach/education efforts. The City Yard and Airport are also collection sites for used oil and filter recycling. The Airport collects through their tenants.

9010-HH-MPC (Mobile or Periodic Collection)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 344.5	Selected in SRRE: Yes

		Owned or Operated: No
<p>Jurisdiction Notes:</p> <p>ARTESIA: The City advertises LA County's HHW and e-waste collection events. The City also hosted one of the HHW events.</p> <p>BEVERLY HILLS (2.88 tons): The City of Beverly Hills is a host city for Los Angeles County Household Hazardous Waste Events (HHWE annual roundup).</p> <p>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 cleanup events which are 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.</p> <p>DOWNEY: Three used oil recycling filter exchanges and oil collections, two drug take-back events, two shredding events, and one HHW event were held in Downey. The City promotes 15 additional HHW events at surrounding cities where Downey participates.</p> <p>DUARTE: The City franchised hauler, Burrtec Waste, had a booth at the City picnic and distributed SHARPS and oil containers, and also collected e-waste at community cleanup events.</p> <p>HERMOSA BEACH: The City sponsored and promoted an HHWE collection event at Clark Stadium: http://www.hermosabch.org/index.aspx?page=20&recordid=4832. The County of Los Angeles Sanitation District's HHWE Program reported 1,437 households participated in the City's HHWE collection event, where 308 video display units, 140 gallons of used oil, 3,594 gallons of paint, 2,054 miscellaneous gallons, 400 gallons of coolant, and 192 car batteries were collected. 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 City provides a Med Return Drug Collection bin in the lobby of the Police Department that accepts prescription medications, vitamins, ointments, and patches for humans and pets. Sharps are not accepted in this bin. The City and franchise hauler continue to post HHWE educational materials on their websites. City website: http://www.hermosabch.org/index.aspx?page=20&recordid=4832. Franchise hauler website: https://athensservices.com/residentialservices/cityofhermosabeach/</p> <p>HIDDEN HILLS (25.67 tons): The City participates in two Los Angeles County HHW/e-waste collection events (Calabasas and Malibu). In 2018, 25.67 tons of HHW were collected in total. The City partners with the City of Calabasas to provide and promote the 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.</p> <p>LOS ANGELES (279.48 tons):</p> <p>Airports (LAX):</p> <p>Battery Recycling: An estimated 13.39 tons of vehicle battery recycling and 0.38 tons of regular battery recycling; total battery recycling = 13.39 + 0.38 = 13.77 tons</p> <p>Hazardous Waste Recycling: Estimated 2018 hazardous waste recycling: fluorescent lighting (26 ballast and 475 tubes totaling 0.06 tons), paint (0.56 tons paint and 0.63 tons aerosol paint cans), used motor oil (25.28 tons), used oil filters (1.075 tons), used solvent (0.89 tons), used coolant (1.67 tons).</p> <p>Sanitation (LASAN):</p> <p>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 2018, LASAN held 1 HHW event, with a total participation of 457 cars dropping off waste. 0.94 tons of oil and 13 tons HHW were collected.</p> <p>Used Oil Collection Event: In 2018, LASAN held 19 collection events (5 used oil & electronic waste, 5 used oil & paint, and 9 used oil, paint, e-waste). There was a total of 12,855 gallons of used oil (48.21 tons) and approximately 7,750 used oil filters (5.81 tons) collected.</p> <p>Water and Power (LADWP):</p> <p>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. A Hazardous Waste Field Guide is available for further information.</p> <p>LYNWOOD (13.94 tons): The City and its hauler, WR, promoted numerous County-run HHW roundups held in and near City limits. In 2018, 234 households participated in the March roundup, where 300 gallons of oil, 48 gallons of antifreeze, 1,527 gallons of paint, 590 lbs of dry-cell batteries, 250 lbs of oil filters, 350 lbs of sharps, 250 lbs of pharmaceuticals, 816 gallons of miscellaneous HHW, and 3 car batteries were collected at this event. E-waste from this event is included in Program 9045-HH-EWA.</p>		

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MANHATTAN BEACH: When a facility is available, Los Angeles County coordinates a HHW collection event, however no County collection event was coordinated in 2018.

PALOS VERDES ESTATES: The City promotes Los Angeles County household hazardous waste collection events and permanent facility collection opportunities. The residential franchise hauler provides an annual hazardous waste collection event at Palos Verdes High School (oil, paint, light bulbs, batteries, chemical cleaners, pool chemicals, and e-waste).

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

RANCHO PALOS VERDES (22.53 tons): The annual County HHW/e-waste roundup was held on 4/28/18, where 100 gallons of oil, 47.92 gallons of antifreeze, 2,516 gallons of paint, 1,950 lbs of dry cell batteries, 250 lbs of oil filters, 500 lbs of sharps, 300 lbs of pharmaceuticals, 1,492 gallons of miscellaneous, and 127 car batteries were collected. E-waste totals are reported in Program 9045-HH-EWA.

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

ROSEMEAD: The County of Los Angeles Department of Public Works and the Sanitation Districts of Los Angeles County conducted a free household hazardous waste & e-waste roundup in Rosemead on February 3, 2018. The event was held at the So Cal Edison Parking lot. Residents may place household batteries in Ziploc plastic baggies on top of the recycling cart for collection.

SIERRA MADRE: The City amended its contract with the hauler and is in the fifth year of this new opportunity, allowing residents to dispose of their sharps. Additional publicity may be warranted. County HHW roundups are still used as well.

SOUTH GATE: The City has nine collection facilities for used oil, along with 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 that is located in the City of South Gate.

TORRANCE: Promotes County program for periodic one-day HHW/electronics drop-off. Torrance hosts one event each year in June. The City does hold four events each year for used oil/filter exchanges, and two annual events for electronics collection and paper shredding. 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
	Report Year Diversion Tons: 75.16	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

DUARTE: Burttec offers curbside collection of used oil.

MANHATTAN BEACH (10.32 tons): 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 2018, there were 333 appointments scheduled and 11.79 tons collected. Of the 11.79 HHW tons collected, 10.32 tons of HHW was recycled.

POMONA (61.25 tons): Residents are offered six bulky item pick-up services per year (per household). The City collects e-waste through the curbside program.

RANCHO PALOS VERDES (3.59 tons): The City's hauler offers on-call curbside used oil/filter, household battery, and e-waste collection. 824 gal (3.5 tons) of oil and 123 (.09 tons) oil filters were collected in 2018. Batteries were also 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 our residents.

SOUTH GATE: Waste Management provides residents of South Gate with sharps collection. Customers who are interested in sharps collection call Waste Management and are 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
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	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: <p>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 newsletter educates residents on recycling programs.</p> <p>BEVERLY HILLS: The City provides education material 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.</p> <p>BRADBURY: The City is able to promote more environmentally sustainable habits through the resources available as a LARA member agency. In 2018, the City hosted Bradbury Night Out, a community event in which LARA was present to provide education and outreach to Bradbury residents.</p> <p>DOWNEY: The City's franchise hauler sends out the quarterly newsletter "S.O.R.T." to all Downey residents on the different hazardous and e-waste management programs. All County of LA HHW events held in the City of Downey and surrounding cities are promoted to encourage residents to properly dispose of HHW waste.</p> <p>DUARTE: The City and hauler sponsored booths, and 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. The City and hauler include HHW roundup flyers in local City newsletters, newspapers ads, Twitter, electronic sign, and website.</p> <p>HERMOSA BEACH: The Ocean Friendly Hermosa Beach program posts recycling and HHWE educational information on its website. The City continues to publicize and promote County of Los Angeles HHWE collection roundups and community events. The franchise hauler continues to post HHWE educational materials on its website and distributes HHWE brochures at community events.</p> <p>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.</p> <p>LOS ANGELES: Flyers are distributed at the 7 S.A.F.E. Centers, at 20 HHW Mobile Events held annually, at booths during the Open House events at the 6 LASAN collection yards, at 30 Used Oil Filter events, and during the huge Earth Day event held in April every year. A mailer is also sent to 40,000 households notifying residents of the mobile drop-off events. Information about HHW-E is also promoted on the LASAN and LA County websites. In addition, beginning in January 2018, the public is also informed that unused items (e.g. unopened paint cans, unopened household cleaning supplies, unopened motor oil) collected at the S.A.F.E. Centers are distributed at some of the mobile collection events.</p> <p>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).</p> <p>MANHATTAN BEACH: The City distributed At Your Door bill inserts at City facilities. The 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, fliers, brochures, and At Your Door banner that is hung over major cross streets.</p> <p>PALOS VERDES ESTATES: All HHW Programs are promoted through event schedule flyers and educational outreach brochures. The franchise hauler also advertises events in quarterly mailings to residents. Various flyers and information on HHW are promoted on the City's website and at the front counter of City Hall.</p> <p>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. The City is a member and participant of LARA. LARA provides the</p>		

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City with promotional products that are then giveaways at City events.

RANCHO PALOS VERDES: All HHW programs are promoted through newspaper ads prior to each event, announcements at Council meetings, community email, social media, event schedule flyers, and educational outreach brochures. The franchise hauler also advertises events in a quarterly newsletter.

ROSEMEAD: The City and hauler actively promote all the County Roundups, 800 Clean LA HHW and e-waste programs on the City's website, Recycle Today, 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. The City of South Gate's website is up to date and provides residents and businesses with information on Waste Management services, legislative impacts to businesses and links to the CalRecycle and LARA websites. In addition, Waste Management has a residential and commercial City of South Gate-specific website where information on all South Gate-related services can be found.

TORRANCE: Public education on HHW is included in all regular outreach, websites, and school programs. Torrance received an HHW education grant to fund additional outreach on the current options for HHW safe disposal and recycling.

9045-HH-EWA (Electronic Waste)

Current Status: AO - Alternative and Ongoing	Program Start Year: 2003	Existed before 1990: No
	Report Year Diversion Tons: 2920.56	Selected in SRRE: No
		Owned or Operated: No

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Jurisdiction Notes:

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

BEVERLY HILLS (10.16 tons): The City offers e-waste pickup by California Recycles at the Farmer's Market every first Sunday of the month.

BRADBURY (0.27 tons): The City encourages proper disposal of electronic waste by advertising LA County HHW/e-waste Collection Events and Community CleanUp 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 (10.00 tons): At the two HHW roundups, 10 tons of e-waste was collected. 3 TVs were dropped off at the June cleanup event.

LOS ANGELES (2,776.83 tons):

Harbor Tenant Diversion:

Electronic Waste: Two of the tenants provided e-waste recycling data. (22 tenants, 10 responded)

Sanitation (LASAN):

Electronic Waste Recycling: The City of Los Angeles collects e-waste at its seven permanent S.A.F.E. Centers, HHW & Mobile Collection Events, and through the Bulky Item Pick-Up Program. In 2018, a total of 5,412,510 pounds was collected. Water and Power (LADWP):

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, and then computers are placed in designated bins. This program is promoted with an employee training and field guide.

LYNWOOD (18.71 tons): The City's hauler collected 3.49 tons from residents (417 items) and 9.09 tons from two cleanup events. The HHW roundup collected 86 CRTs and 4,500 lb misc. e-waste, totaling 6.12 tons for the event. In late 2018, the City started a recycling program with Office Depot that resulted in 18.54 lbs recycled.

MANHATTAN BEACH (6.20 tons): The City's hauler collects e-waste from the curb on collection day as part of the bulky item program.

PALOS VERDES ESTATES: The City provides two free waste collection events that include e-waste per year. The City also provides two free bulky item and e-waste disposal days where e-waste is collected from residential accounts along with regular valet cart service. The City's website promotes the Gaffey Street S.A.F.E. Collection Center in San Pedro, CA where residents can dispose of e-waste outside of the free collection events.

RANCHO PALOS VERDES (23.39 tons): In 2018, the City's hauler collected 5.65 tons of Covered Electronic Devices and 8.98 tons of other e-waste from the bulky item program, including 5.89 tons from 2 shredding events, 3,015 lbs. of CRTs, and 14,500 lbs. of misc. e-waste (8.76 tons) were collected at the County HHW/e-waste roundup in April.

ROSEMEAD: E-waste was collected at the HHW & E-waste Roundup on February 3rd at the So Cal Edison parking lot. Republic Service will pick up any amount of e-waste set out at the curb for recycling. Small electronic items, such as cell phones, may be placed on top of the cart to be picked up by the driver.

SOUTH GATE (25.00 tons): Waste Management collected and diverted 25 tons of e-waste from residential and commercial customers.

TORRANCE (50.00 tons): The City hosted two recycling events during the year for electronic waste collection. Tonnage is under 2080. The City has its own internal collection program. Residents are referred to retail programs such as Best Buy, Office Depot and Walsers who still collect some materials. We also refer residents to the LA City and County HHW programs that also take electronics. Tonnage here is from City Yard collection (10 tons) and Walsers (40 tons).

9050-HH-OTH (Other HHW)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 4.44	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

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

BRADBURY: Similar to electronic waste, the City encourages proper disposal of HHW by advertising the LA County HHW/E-waste Collection Events throughout the year.

DUARTE (0.03 tons): The City 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 District. The program allows for residents to properly dispose of household hazardous and electronic 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 the Burrtec hauling yard. When full, residents can drop off these containers at the Burrtec hauling yard.

HIDDEN HILLS (0.02 tons): 45 pounds of batteries collected were collected for recycling in 2018.

LOS ANGELES (4.39 tons):

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 calendar year 2018 is \$722,235.53. Contract 59270.

CFC Recycling: Fleet Services repair facilities recovered and recycled 124 pounds (.062 tons) of HFC134a refrigerant. Refrigerant containing CFCs is no longer used in motor vehicle air conditioning systems maintained by Fleet Services.

Harbor Tenant Diversion:

Oily Rags Recycling: One business provided data for oily rag diversion. (22 tenants, 10 responded)

Sanitation (LASAN):

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 the City Hall East, City Hall South, the Van Nuys City Hall, and 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 2018 at these 31 locations there were ninety-four 55-gallon drums of sharps collected weighing approximately 6,686 lbs.

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 drop off dry-cell batteries and fluorescent light bulbs at the Lunada Bay Hardware Store. The City's website promotes the Gaffey Street S.A.F.E. Collection Center in San Pedro, CA where residents can dispose of HHW outside of the free collection events.

POMONA: The City has facilities that collect sharps (Police Department), batteries, and light bulbs for proper disposal.

RANCHO PALOS VERDES: HHW collected curbside and at HHW roundup events are reported in Programs 9010 and 9020. Residents may drop-off dry cell batteries at City Hall and City parks.

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 websites were added to the City website.
- Customers set up on e-billing receive "Recycling Today Newsletter" via email.

Print:

- Hauler sends out an 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:

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- Approximately 167 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, and hauler website link (Athens Environmental Services).

Print:

- Fliers, brochures, and newsletters are provided at public counter at Public Works, City Hall, and Library.

Direct Contact:

- City staff and hauler field rep 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.

DOWNEY:

Electronic:

- Information on City website and hauler website reference CalRecycle mandates. Information on City website on how to dispose paint, prescription drugs & sharps, bulky items, batteries, paint, CRV, used oil, food donations. Earth 911, HHW, shredding, and composting events are posted on City website.

Print:

- Flyers are at P.W. counter on recycling for: paint, HHW, prescription drugs, CRV buy-back centers, bulky items, used oil, shredding events, e-waste collection.

Direct Contact:

- Letters sent to all AB 341 generators commercial and multifamily.

HERMOSA BEACH:

Electronic:

- The City continues to post AB 341 information on its website: <http://www.hermosabch.org/index.aspx?page=834>.
- The franchise hauler continues to post AB 341 information on its website featuring a Live Chat feature: <https://athensservices.com/in-the-news/diversion-and-ab-341/>
- The City continues to maintain a "Sustainable Hermosa" Twitter feed which includes AB 341 information and the franchise hauler also tweets AB 341 information on its Twitter feed.
- The City continues to post the Earth Wise Quarterly Newsletter on its website that includes AB 341 information.

Print:

- The City continues to place AB 341 brochures on public counters in the Community Development and Building Departments.
- The franchise hauler includes a City-generated AB 341, waste reduction, and/or recycling insert in commercial and multifamily billings annually.
- The City's solid waste consultant continues to distribute AB 341 brochures during business technical assistance site visits. The franchise hauler continues to mail the Earth Wise Newsletter quarterly to all commercial and multifamily accounts, the newsletter includes AB 341 information.

Direct Contact:

- The City's solid waste consultant continues to distribute AB 341 brochures during business technical assistance site visits and to provide recycling, source reduction, and waste prevention/reduction options to commercial accounts annually.
- The franchise hauler continues to make direct contact with all commercial accounts annually providing AB 341 information and options for source-separated recycling programs.

LOS ANGELES:

Electronic:

- City provides AB 341 information on the LA Sanitation website. (ongoing; <https://www.lacitysan.org>)
- 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 AB341 webpage. (www.laregionalagency.us/ab341la/; ongoing)
- City website links to the LARA AB 341 webpage. (ongoing)
- City maintains LARA Facebook page and posts AB 341 information. (biweekly)
- 7 recycLA service providers have AB 341 information on their websites. (ongoing)
- City recycLA website provides AB 341 information. (www.recycLA.com; 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 AB341 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

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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. 131,893 waste assessments were conducted in 2018. (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 countertops. (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)
- 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/>
- City posted MCR information and flyers on the City website: <http://lynwood.ca.us/public-works/mandatory-commercial-recycling/>

Understanding California's Recycling Law: AB 341 and AB 1826: http://lynwood.ca.us/wp-content/uploads/2018/11/381349_LNP_November-2018_LR.pdf

What's Required of Businesses & Multifamilies: http://lynwood.ca.us/wp-content/uploads/2018/12/DEC_Inp_2018.pdf

- Hauler provides MCR information on its website, as well as a copy of the bill insert/flyer:

wasteresources.com/ab341wasteresources.com/docs/Lyn_AB341_AB1826_en.pdf

- Hauler posted MCR information on its Facebook and Twitter pages in 2018.

Print:

- Commercial Recycling Flyer (AB 341 and AB 1826) provided at counters of City Hall Annex, Public Works Yard, and Community Development.
- Hauler includes rotating recycling message on invoice notes.
- Although all accounts receive MWP, 350 letters in April/May and 106 letters in September were sent to accounts that would need to comply if WMP were not available.
- Commercial Recycling Flyer (AB 341 and AB 1826) inserted in City water bills for November and December 2018.
- Mandatory Commercial Recycling Publication posted 12/27/18 in Lynwood Press Wave.
- Mandatory Commercial Recycling Publication posted 1/2/19 in La Opinion.

Direct Contact:

- Hauler conducted 200 site visits in 2018 to determine MCR compliance, third-party recycling, and to discuss options.
- Information provided at all community events.

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).

- Spring 2018 newsletter WM created four-page newsletter with full page on AB 341 & full page on AB 1826, outlining who is required to comply and how WM can help with compliance. Also covers Green Business Certification which focuses heavily on recycling and do/don't recyclable items, etc.

- Winter 2018 newsletter Waste Management created a four-page brochure that provided important information on AB 341, AB 1826, recycling do's and don'ts, services available for the commercial sector, and contact information for all services. This brochure was then uploaded onto Manhattan Beach's WM website and as a link in the City Calendar event posts for holiday tree and light recycling and holiday collection hours.

- Flyer electronically sent via the Chamber of Commerce and the Downtown Business Association to all businesses re: presentations made by WM staff at Chamber and DBA meetings to help businesses comply with AB 341 & AB 1826.

- The City Council formally banned commercial businesses' distribution of single-use plastics (which includes straws, stirrers, and utensils) in its businesses in June. The City also updated the definitions in its polystyrene ban to include egg cartons,

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packing materials/peanuts, and produce/meat trays (although the meat tray ban specifically was not approved until early 2019). Information is available on the City's website at <https://www.citymb.info/departments/environmental-sustainability/plastic-free-mb>

-Posted all newsletters on City's Facebook, Twitter, and NextDoor accounts, which included info on AB341 and AB 1826. Print:

- Third party and self-haul self-reporting form and letter going over AB 341 & AB 1826 - sent to ALL commercial property owners and business tenants citywide to educate all businesses about the laws and keep everyone aware of where they fit in the tiers. Businesses sent in the third-party/self-haul form if applicable.
- Spring Newsletter direct mailed to almost 1,000 businesses and to over 12,000 residential/multifamily properties citywide. AB 341 & AB 1826 compliance were featured in the commercial newsletter.
- WM, in partnership with City and Girl Scout Gold Award recipient Hannah Bergin, created and distributed a bill insert with removable recycling cart sticker to all businesses and residents citywide. The bill insert advised the community on keeping recyclables out of bags on one side, and the other side included a menu of all the services available to the community through WM. Hannah also created a video about how to do the food waste program in MB and it was posted to YouTube and WM's website for the City.
- The City Council formally banned commercial businesses' distribution of single-use plastics (which includes straws, stirrers, and utensils) in its businesses in June. The City also updated the definitions in its polystyrene ban to include egg cartons, packing materials/peanuts, and produce/meat trays (although the meat tray ban specifically was not approved until early 2019). A letter was sent to every business in November detailing the new law and how to adjust the business practices/purchasing/etc.
- The City's Manhappenings book that is circulated to all residents in the city four times each year. There is a "green corner" which focuses on the City's environmental programs.
- City ran a full-page ad in Beach Reporter during "Kindness" month (Aug) on how to be kind to Mother Earth - which included a section for businesses about AB 341 and AB 1826 and contact info on how to be compliant.
- A Welcome Packet is provided to all new customers, which includes information about AB341 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.

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 available at City facilities and provided 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 outreach on recycling and program services. In 2018, hauler spent 423.25 hours on MFD recycling outreach. The hauler is also required to spend 600 hours performing commercial recycling outreach, and in 2018 performed 632.50 hours of commercial outreach. These hours for MFD and Commercial included heavy outreach for AB 341 and AB 1826. Hundreds of visits were made to commercial businesses in 2018 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.
- Facility Tours: Waste Management also provided CORE facility tour to community members (commercial and residents) in October, and the recycling MRF in Azusa in September and November.
- School Zero Waste Outreach Program: WM is required to spend 500 hours on school outreach on recycling and Zero Waste programs; in 2018 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 recycling and food waste diversion programs at MBMS, Grandview, Pacific, Pennekamp, Robinson, Meadows and American Martyrs. Waste Management also distributed 392 Go Green Lunch Box Kits with WM keychains to every incoming first grader in MBUSD to promote "trash-free" lunches at an early stage. WM collaborated with MBUSD parent groups to provide additional recycling services for school special events and donation drives. WM worked with several schools to provide additional recycling services at annual Pride Clean Up events. 4 schools hosted shoe drive donation boxes for businesses and residents to drop off shoes for donation - almost 200 pairs received/donated to LB Rescue Mission. WM & MBUSD hosts an annual Halloween costume re-use program. 5 trash bags of costumes were donated to kids in need.
- Waste Management also met with several sustainability groups/stakeholders 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. Special attention was paid in 2018 to the high school students recycling of specialty items such as batteries b/c of teen use with electronics.
- Green Business Certification Program: This program certifies local businesses, as they are required to make several long-term business practice changes to conserve resources, reduce waste and recycle. 12 businesses were recruited to go through the certification program, and 10 were successfully certified (out of the 12) - a 50% increase from the number

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certified in 2017! The businesses were honored by the City Council during the Ceremonial section of a City Council meeting. Participating in the city's food waste program is especially advantageous for the food service establishments.

- The City Council formally banned commercial businesses' distribution of single-use plastics (which includes straws, stirrers, and utensils) in its businesses in June. The City also updated the definitions in its polystyrene ban to include egg cartons, packing materials/peanuts, and produce/meat trays (although the meat tray ban specifically was not approved until early 2019). City Staff canvassed extensively at businesses, the Chamber of Commerce monthly meetings, the Downtown Business Association meetings, and the North Manhattan Business Improvement District meetings. Outreach, educational material for employees, and information on the ban was distributed during all visits/presentations.

- 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.

- City/WM sponsored community paper-shredding events available to both businesses and residents took place on 4/28 and 9/29 in 2018. Over 8 tons of paper was collected for shredding.

- Outreach materials and compliance with AB 1826 and AB 341 at City booth for 2-day Hometown Fair, which draws 10,000-20,000 annually.

PALOS VERDES ESTATES:

Electronic:

- City provides MCR information on the City's website and the City's e-newsletter. MCR information provided on each of three commercial haulers' websites.

Print:

- MCR-related flyers are available at City Hall front counter. Haulers regularly provide MCR-related information on quarterly billings.

Direct Contact:

- Non-compliant MCR businesses were notified of their suspected non-compliance in late December 2017 (actual receivable date in early January 2018).

- The City passed a mandatory commercial recycling and organics ordinance in February 2018. All three commercial haulers used "non-compliance" data and letter produced by PVE to advertise MCR services.

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 webpages link to the LARA webpage.

- The Los Angeles Regional Agency (LARA) has a webpage 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' websites.

- 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 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 websites and social media sites.

Print:

- Valley Vista provides printed message on all invoices reminding customers of recycling laws and flyers are inserted with billing invoices. (bi-annually)

- 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.

- Valley Vista and Waste Management send out quarterly newsletters. (quarterly)

- Burrtec sends out newsletters and flyers to all commercial and multifamily customers. (quarterly)

- Athens and Burrtec send out outreach newsletters to all commercial and multifamily customers. (bi-annually)

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)

- Athens and Burrtec continue to provide property owners/managers with MCR information on environmental benefits, information on mixed-waste processing and how to achieve compliance. (ongoing and quarterly)

- Waste Management visited 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 and providing MCR and recycling information. (ongoing)

- Athens and Burrtec 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.

- Valley Vista 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:

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- 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 email lists and social media with recycling opportunities.
- Links to LARA, CalRecycle, and AB 341 information are at:

<http://rpvca.gov/327/Recycling-Programs>

<http://rpvca.gov/811/Business-Recycling>

<https://www.edcodisposal.com/rancho-palos-verdes/business-waste-management/>

<http://calmetservices.com/commercial-services/>

<https://www.republicservices.com/municipality/los-angeles/education-resources#californias-mandatory-commercial-organics-recycli>

<http://www.wm.com/AB341.jsp>

Print:

- The haulers each prepare and distribute printed outreach material. Letters were sent by the haulers to those accounts that still need to comply. The City also sent a general letter to all commercial accounts about AB 1826, AB 341, and SB 1383 in November.
- The City and its haulers publish newsletters that include recycling information.
- The City runs ads to promote SEED Awards, recycling events, used oil centers, and HHW roundups.
- The annual business license renewal packet includes information about MCR.
- The haulers provide rotating invoice messages throughout the year.

Direct Contact:

- The City provides recycling information at all community events.
- Waste assessments are completed as requested.
- The City and its consultant met with each commercial hauler in September 2018 to review compliance and targeted outreach. Those meetings resulted in another round of letters and site visits by the haulers.
- Four commercial haulers spoke to or met with those accounts that still need to comply with AB 341.

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.
- 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 eZine

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 provided 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 continues to update their website to add all programs (organics) and services. The City is very proactive in using Twitter, Instagram, and Facebook.

Print:

- Quarterly: The hauler newsletter "Recycle Today" is mailed to all multifamily and commercial accounts.
- The hauler includes an a different program message on the quarterly refuse bills.

Direct Contact:

- City-wide audits, Chamber meetings, community events, Kiwanis, school district events
- In hauler completes monthly site visits. In November and December they completed 86 direct site visits.

SIERRA MADRE:

Electronic:

- Dedicated webpage for all residents and businesses on the City website 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-mails are sent out weekly and in advance of special events. Include MCR information on local cable station.
- Franchise hauler has a dedicated webpage explaining AB 341 and the requirements of complying with the law. Franchise hauler will link back to City. (ongoing)
- As a member of LARA, LARA has dedicated webpage explaining AB341 and the requirements of complying with the law

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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 the law and how to recycle at events. (ongoing)

SOUTH GATE:

Electronic:

- Waste Management developed a website specific to South Gate businesses where MCR and MORE information can be found. In addition, the City of South Gate updated their website to showcase MCR and MORE information. Waste Management also provides the City of South Gate with MCR and MORE content for their Business Connection article. Waste Management promotes MCR and MORE via social media channels and local media outlets. For example, in 2019 Waste Management launched their Recycling Champion program where the City recognized one business, multifamily property, and residential block for their exceptional recycling efforts. Lastly, Waste Management and the City of South Gate provided public education to residents and businesses on proper recycling practices via a digital billboard off the 710 highway and the Firestone Boulevard and Garfield Avenue intersection.

Print:

- Waste Management develops MCR and MORE educational material for commercial customers in English and Spanish. All content is shared with customers during site visits. All City of South Gate newsletters are printed and shared with businesses who visit City Hall and the Chamber of Commerce. In 2019, Waste Management will be sending a bill insert newsletter to all commercial customers regarding MCR and MORE compliance along with the new organics threshold.

Direct Contact:

- Waste Management shared public education at community events, site visits, and any time a waste audit is conducted at a local business. Direct contact includes: phone calls, emails, and in-person meetings with customers.

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 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 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.

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ARTESIA: N/A

BEVERLY HILLS: Mailing outreach to multifamily, for example when the only mailing contact is the property owner, at times tenants are hard to reach.

DOWNEY: N/A

HERMOSA BEACH: N/A

LOS ANGELES: Some of the challenges include difficulty reaching the landlord/owner especially if landlord/owner lives out of California, or they are non-responsive in spite of several visits and phone calls. Note that the numbers reported in 2018 are more accurate versus the estimated 2017 numbers.

LYNWOOD: N/A

MANHATTAN BEACH: Challenges mostly include spatial constraints for containers. We encourage bin-sharing as much as possible.

PALOS VERDES ESTATES: The City discovered that utilizing each of the three haulers to market MCR regulations is an efficient direct contact method.

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: Contacting the owners of both multifamily and commercial businesses. Language is a major issue.

SIERRA MADRE: N/A

SOUTH GATE: N/A

TORRANCE: Many businesses and multifamily units are non-responsive.

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.*

Thresholds:

It is acceptable to use the 2019 MORE definition of 4 cy/week of trash/recycling/organics (the MORE FAQs webpage [FAQ 'General' #18](#)) also for MCR regulated businesses, if that is easier for reporting.

1. Total number of covered businesses: 21941

Explanation: ARTESIA: 138
BEVERLY HILLS: 404
DOWNEY: 677
DUARTE: 118
HERMOSA BEACH: 159
LOS ANGELES: 16,309
LYNWOOD: 220
MANHATTAN BEACH: 245
PALOS VERDES ESTATES: 35
POMONA: 1,117
RANCHO PALOS VERDES: 69
REDONDO BEACH: 335
ROSEMEAD: 219
SIERRA MADRE: 41
SOUTH GATE: 359
TORRANCE: 1,496

2. Total number of covered businesses NOT recycling: 3501

Explanation: ARTESIA: 0
BEVERLY HILLS: 0
DOWNEY: 30
DUARTE: 46
HERMOSA BEACH: 0
LOS ANGELES: 1,812
LYNWOOD: 0
MANHATTAN BEACH: 10 (5 of which have spacial constraint issue)
PALOS VERDES ESTATES: 7
POMONA: 659
RANCHO PALOS VERDES: 27
REDONDO BEACH: 0
ROSEMEAD: 60
SIERRA MADRE: 0
SOUTH GATE: 205
TORRANCE: 645

3. Total number of covered multifamily complexes: 20739

Explanation: ARTESIA: 34
BEVERLY HILLS: 1,017
DOWNEY: 573
DUARTE: 51
HERMOSA BEACH: 52
LOS ANGELES: 17,296
LYNWOOD: 298
MANHATTAN BEACH: 48
PALOS VERDES ESTATES: 10
POMONA: 128
RANCHO PALOS VERDES: 39
REDONDO BEACH: 343
ROSEMEAD: 244
SIERRA MADRE: 28; 5 units & 4cyds of solid waste: 7
SOUTH GATE: 186
TORRANCE: 392

4. Total number of covered multifamily complexes NOT recycling: 1726

Explanation: ARTESIA: 0
BEVERLY HILLS: 0
DOWNEY: 91
DUARTE: 8
HERMOSA BEACH: 0
LOS ANGELES: 1,086
LYNWOOD: 0
MANHATTAN BEACH: 0
PALOS VERDES ESTATES: 6
POMONA: 89
RANCHO PALOS VERDES: 2
REDONDO BEACH: 0
ROSEMEAD: 65
SIERRA MADRE: 0
SOUTH GATE: 169
TORRANCE: 210

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.

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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: N/A

DOWNEY: Letters sent. Followed up with email or telephone call.

HERMOSA BEACH: All commercial and multifamily accounts are in compliance with AB341 through the franchise hauler's mixed-waste processing system.

LOS ANGELES: recycLA service providers (RSPs) continued to visit customer sites, in some cases multiple times, and conducted 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: 200 site assessments conducted in 2018 and letters were sent to all accounts (23 businesses and 83 MFDs) that would need to comply if WMP were not an option.

MANHATTAN BEACH: Direct letter mailed, bill insert, spring and winter newsletter, site visits.

PALOS VERDES ESTATES: City passed MCR and MORE-related ordinance in February of 2018. Commercial haulers participated in the City Council meeting to help educate the City Council, business owners, and residents on the importance of MCR. The three permitted commercial haulers operating in the City used a non-compliance letter issued in late-December 2017 (likely received in early January 2018) and the new ordinance language as a way to engage non-compliant businesses subject to MCR and market MCR services.

POMONA: Each hauler continues to provide education and outreach in the form of flyers and brochures and via their websites.

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.

REDONDO BEACH: A brochure is mailed annually to all businesses with AB341 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: There is an issue contacting the owners of most multifamily residences and business owners. In December 2018, the City sent 576 letters of non-compliance.

SIERRA MADRE: N/A

SOUTH GATE: Every year, Waste Management and the City share Assembly Bill 341 & 1826 information at community events. 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 customer's 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.

TORRANCE: City provided to all the commercial haulers letters that they could use to notify their customers if they were non-compliant. The City does not yet have an enforcement program; it is under development.

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.

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

BEVERLY HILLS: N/A

DOWNEY: Space constraints.

HERMOSA BEACH: N/A

LOS ANGELES: The City released an Amendment entitled "Removing Barriers to Recycling program" wherein recycLA customers will no longer be charged access and distance fees for blue bin service, and customers who have paid those extra fees previously may receive a credit. As customers are educated about what materials can and cannot be recycled over the next two years, no contamination fees will be assessed and certain scheduled rate increases will be delayed. Between now and the end of this two-year education phase, there will be an intense effort to teach customers how to increase recycling and decrease trash in order to pay less.

LYNWOOD: N/A

MANHATTAN BEACH: Monitoring is always an issue when scavenging or self-haul/third-party recycling happens. It makes it difficult to track the success/failure of the businesses in relation to the law.

PALOS VERDES ESTATES: The existence of three permitted commercial haulers as opposed to one franchise hauler makes it logistically difficult to obtain MCR-related information. However, the City issued a formal five-year notice of intent to franchise the commercial sector. This will mitigate the data aggregation problems that the City now faces.

POMONA: Waste Management stated that a challenge they have is capturing third-party haulers. Some third-party haulers have a streamlined process in place, while other customers have employees that are willing to haul the material on their own, making it hard to track.

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: N/A

SIERRA MADRE: N/A

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: Very difficult with current program. Not sure of accuracy of haulers' information on number of customers and levels of compliance. Need to change program enforcement or auditing.

7. Provide the amount of recyclable material that is being diverted by covered businesses/multifamily complexes:
293032 Tons

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

Explanation:

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ARTESIA: 2,474.85

BEVERLY HILLS: 5,855.33

Tonnage represents recycle 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.

DOWNEY: 9,872.34

DUARTE: 330.02

HERMOSA BEACH: 4,212.00

The franchise hauler does not report AB 341 diversion tonnage separately from all other commercial/multifamily/industrial diversion tonnage.

HIDDEN HILLS: 0

No commercial entities in the City that meet the AB 341 threshold.

LOS ANGELES: 156,486.60

Includes 10,252.97 tons from LAX/LAWA, PoLA, and LADWP.

LYNWOOD: 2,454.91

MANHATTAN BEACH: 1,850.67

The tonnage provided in previous years (2016 & 2017) was provided by a hauler employee who is no longer with the company. Current staff cannot locate the document used to calculate this specific number. The commercial sector is collected on one route and the residential sector is collected on a separate route. The AB 341 covered businesses/MF are not collected/weighed separately. MFDs with 2-9 units can opt for carts or bins and all MFDs with 10+ units are provided bin service.

PALOS VERDES ESTATES: 34.67

POMONA: 1,210.71

RANCHO PALOS VERDES: 566.12

REDONDO BEACH: 14,180.55

ROSEMEAD: 2,146.07

SIERRA MADRE: 0

SOUTH GATE: 50,616.03

Includes 1,020.47 collected by Waste Management and 50,667.12 via third-party recycling. The third-party recycling tons includes the third-party organics tons reported in the MORE section of the spreadsheet. (1,020.47 + 50,667.12 - 1,071.56 = 50,616.03)

TORRANCE: 40,741

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 \(McCarthy, Chapter 593, Statutes of 2015\)](#).

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. 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 number count and service level.

BRADBURY: N/A

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

HERMOSA BEACH: Franchise hauler continues to identify commercial and multifamily accounts generating organics.

HIDDEN HILLS: N/A

LOS ANGELES: City used combined black + blue + green bin service level meeting 4 cubic yards of solid waste weekly to determine number of accounts subject to AB 1826 and to determine those that are non-compliant. By subtracting those compliant accounts from the total number of accounts subject to AB 1826, we were able to determine number of non-compliant accounts.

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 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.

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

POMONA: CalRecycle Generator ID Tool

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: Direct site visits and audits

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: varies by hauler

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?

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ARTESIA: N/A

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: The hauler has the data.

HERMOSA BEACH: N/A

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: The City of Torrance can begin to request this information in the annual AB341 and AB 1826 survey.

EDUCATION AND OUTREACH (all years)

1. Describe education and outreach methods SPECIFIC TO AB 1826 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 is 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 a quarterly newsletter "Recycling Today" to all residents with information about hauler's 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 that fall under the threshold of AB 1826 were sent a letter informing them of the law and their options for recycling

Direct Contact:

- Approximately 167 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

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DOWNEY:

Electronic:

- Information on: City Public Works web page, on Hauler web page.

Print:

- flyers at City Hall, ad in Chamber directory, Hauler newsletter, Hauler bills.
- letters sent by city to all generators.

Direct Contact:

- Audits by hauler, emails, and phone calls

HERMOSA BEACH:

Electronic: The City continues to post AB 1826 information on its website:

<http://www.hermosabch.org/Modules/ShowDocument.aspx?documentID=7355>. The City continues to post the quarterly Earth Wise Newsletter that includes AB 1826 information. The City made an AB 1826 presentation to the California Green Business Group and the Hermosa Beach City School District. The franchise hauler continues to post AB 1826 information on its website: <https://athensservices.com/in-the-news/food-waste-recycling/> and <https://athensservices.com/in-the-news/organics-waste-and-ab-1826/> Both franchise hauler AB 1826 web pages have a Live Chat feature.

Print: The City and franchise hauler continue to distribute AB 1826 brochures during community events. The City of Hermosa Beach continues to place AB 1826 on public counters in the Community Development and Building Departments. The franchise hauler and solid waste consultant continue to distribute AB 1826 brochures during site visits to commercial and multifamily accounts.

Direct Contact: The franchise hauler continues to make direct contact with all commercial and multifamily accounts throughout the year. The City and solid waste consultant continue to make site visits to commercial and multifamily accounts that generate organics waste. The franchise continues to make AB 1826 presentations to the City Council and the Chamber of Commerce upon request.

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
- UWS 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:

- City posted MORE information and flyers on the City website <http://lynwood.ca.us/public-works/mandatory-commercial-recycling/>
- Lynwood Spotlight (highlighted on entrance page)
- <http://lynwood.ca.us/galleries/organic-waste-recycling-everyone-benefits/>
- Understanding California's Recycling Law: AB 341 and AB 1826 - http://lynwood.ca.us/wp-content/uploads/2018/11/381349_LNP_November-2018_LR.pdf
- What's Required of Businesses & Multifamilies - http://lynwood.ca.us/wp-content/uploads/2018/12/DEC_Inp_2018.pdf
- Hauler provides MORE information on its website, as well as a copy of the bill insert/flyer:
- http://wasteresources.com/wp-content/uploads/2017/09/City-letter_flyer-re-AB1826-1.pdf
- <http://wasteresources.com/ab1826/> provides the LARA link:
- <http://www.laregionalagency.us/ab341la/ab1826/>
- Hauler posted MCR information on its Facebook and Twitter pages in 2018

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- City posted on Instagram, Facebook, and Twitter
- Print:
 - Commercial Recycling Flyer (AB 341 and AB 1826) provided at counters of City Hall Annex, Public Works Yard, and Community Development
 - Hauler includes rotating recycling message on invoice notes
 - Commercial Recycling Flyer (AB 341 and AB 1826) inserted in City water bills for November and December 2018
 - Mandatory Commercial Recycling Publication posted 12/27/18 in Lynwood Press Wave
 - Mandatory Commercial Recycling Publication posted 1/2/19 in LA Opinion
 - City - Feb 26, 2018 Letter – 55 Businesses (list provided by business license of active accounts with employee count of 30+)
 - City - April 17, 2018 Letter – 61 Businesses (based off service level - 56 commercial and 5 mf)
 - Hauler - 350 letters sent in Apr/May and 106 letters sent in Sept.
- Direct Contact:
 - Hauler conducted 200 site visits in 2018 to determine MCR compliance, 3rd party recycling, and to discuss options
 - Information provided at all community events
 - City had a booth at the Fruit Tree Giveaway (10/20/18) for a composting workshop, see flyer, do's and don'ts.

MANHATTAN BEACH:

- Electronic:
 - City's website - info on AB 1826 and AB 341 including how to comply, implementation dates and thresholds:
<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 1826 and AB 341 responsibilities: <https://www.citymb.info/home/showdocument?id=26865>.
 - Waste Management is required to have a website just for City of Manhattan Beach residents. Information regarding the AB 1826 requirements and help on how to comply are located on that website (manhattanbeach.wm.com).
 - Spring 2018 Newsletter with full page highlighting AB 1826 program (Residential Newsletter and Commercial Newsletter)
 - Winter 2018 Newsletter with information about how to comply with AB 1826 and AB 341
 - Flyer electronically sent via the Chamber of Commerce and the Downtown Business Association to all businesses re: presentations made by WM staff at Chamber and DBA meetings to help businesses comply with AB 341 & AB 1826.
 - The City Council formally banned commercial businesses' distribution of single-use plastics, which includes straws, stirrers and utensils, in its businesses in June. The City also updated the definitions in its polystyrene ban to include egg cartons, packing materials/peanuts, and produce/meat trays (although the meat tray ban specifically was not approved until early 2019). Information is available on the City's website at <https://www.citymb.info/departments/environmental-sustainability/plastic-free-mb>
 - Posted all newsletters on City's Facebook, Twitter, and NextDoor accounts, which included info on AB 341 and AB 1826.
- Print:
 - Third-party and self-haul self-reporting form and letter going over AB 341 & AB 1826 - sent to ALL commercial property owners and business tenants citywide to educate all businesses about the laws and keep everyone aware of where they fit in the tiers. Businesses sent in the third-party/self-haul form if applicable.
 - Spring Newsletter direct mailed to almost 1,000 businesses and to over 12,000 residential/multifamily properties citywide. AB 341 & AB 1826 compliance were featured in the commercial newsletter.
 - WM, in partnership with City and Girl Scout Gold Award recipient Hannah Bergin, created and distributed a bill insert with removable recycling cart sticker to all businesses and residents citywide. The bill insert advised community on keeping recyclables out of bags on one side, and the other side included a menu of all the services available to the community through WM. Hannah also created a video about how to do the food waste program in MB and it was posted to YouTube and WM's website for the City.
 - City ran a full-page ad in Beach Reporter during "Kindness" month (Aug) on how to be kind to Mother Earth - which included a section for businesses about AB 341 and AB 1826 and contact info on how to be compliant.
 - A Welcome Packet is provided to all new customers, which includes information about AB341 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.
 - AB 1826 handouts distributed during site visits
 - WM Welcome Packet
 - Recycling Newsletter
 - Commercial Recycling Guide
 - 2 Food Waste program Street Banners hung over prominent street locations in multiple areas EVERY MONTH in 2018.
 - 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:
 - 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 available at City facilities and provided to

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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 outreach on recycling and program services. In 2018, hauler spent 423.25 hours on MFD recycling outreach. The hauler is also required to spend 600 hours performing commercial recycling outreach, and in 2018 performed 632.50 hours of commercial outreach. These hours for MFD and Commercial included heavy outreach for AB 341 and AB 1826. Hundreds of visits were made to commercial businesses in 2018 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.
- Facility Tours: Waste Management also provided CORE facility tour to community members (commercial and residents) in October, and the recycling MRF in Azusa in September and November.
- School Zero Waste Outreach Program: WM is required to spend 500 hours on School outreach on recycling and Zero Waste programs; in 2018 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 recycling and food waste diversion programs at MBMS, Grandview, Pacific, Pennekamp, Robinson, Meadows, and American Martyrs. Waste Management also distributed 392 Go Green Lunch Box Kits with WM keychains to every incoming first grader in MBUSD to promote "trash free" lunches at an early stage. WM collaborated with MBUSD parent groups to provide additional recycling services for school special events and donation drives. WM worked with several schools to provide add'l recycling services at annual Pride Clean Up events. 4 schools hosted shoe drive donation boxes for businesses and residents to drop off shoes for donation - almost 200 pairs received/donated to LB Rescue Mission. WM & MBUSD hosts an annual Halloween costume reuse program. 5 trash bags of costumes were donated to kids in need.
- Waste Management also met with several sustainability groups/stakeholders 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. Special attention was paid in 2018 to the high school students' recycling of specialty items such as batteries b/c of teen use with electronics.
- Green Business Certification Program – this program certifies local businesses, as they are required to make several long-term business practice changes to conserve resources, reduce waste, and recycle. 12 businesses were recruited to go through the certification program, and 10 were successfully certified (out of the 12) - a 50% increase from the number certified in 2017! The businesses were honored by the City Council during the Ceremonial section of a City Council meeting. Participating in the city's food waste program is especially advantageous for the food service establishments.
- The City Council formally banned commercial businesses' distribution of single-use plastics, which includes straws, stirrers, and utensils, in its businesses in June. The City also updated the definitions in its polystyrene ban to include egg cartons, packing materials/peanuts, and produce/meat trays (although the meat tray ban specifically was not approved until early 2019). City Staff canvassed extensively at businesses, the Chamber of Commerce monthly meetings, the Downtown Business Association meetings, and the North Manhattan Business Improvement District meetings. Outreach, educational material for employees, and information on the ban was distributed during all visits/presentations.
- 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.
- City/WM sponsored community paper shredding events available to both businesses and residents took place on 4/28 and 9/29 in 2018. Over 8 tons of paper was collected for shredding.
- Outreach materials and compliance with AB 1826 and AB 341 at City booth for two-day Hometown Fair, which draws 10,000 -20,000 annually.

PALOS VERDES ESTATES:

Electronic:

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

Print:

- City provides printed educational brochures at City Hall front counter.

Direct Contact:

- All three (3) commercial haulers provide direct contact to potential or existing commercial customers to market their MORE-related services. Haulers reference the new MCR/MORE City ordinance which has a citation component.

POMONA:

Electronic:

- Provide MORE information on the City website. (ongoing)
- Provide MORE information on the Hauler website. (ongoing)
- Burrtec & Valley Vista: More information is available and provided on Hauler's website. Hauler also shares MORE information on Facebook, YouTube videos, and Twitter.
- Waste Management has AB 1826 information on its website as well as posting on Facebook and Twitter information about

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reducing food waste and food donation opportunities.

- Athens 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 2018.

- Valley Vista: 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.

Print:

- Athens 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.

- Valley Vista: 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.

- Burrtec & Waste Management: Annually a pamphlet and AB 1826 FAQ sheet is given to identified customers.

Direct Contact:

- Burrtec & Waste Management: Annually a pamphlet and AB 1826 FAQ sheet is given to identified customers.

- Waste Management visited potential Tier 1 and Tier 2 organics customers.

- Athens conducted site visits and waste assessments at 26 commercial customer sites in 2017.

- Burrtec: 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 recycling tips and reminders about recycling events.

- The City and all permitted haulers include AB 341 information on their websites.

- The City updates email lists and social media with recycling opportunities.

- Links to LARA, CalRecycle, and AB1826 information are at <http://rpvca.gov/327/Recycling-Programs>

- <https://www.edcodisposal.com/rancho-palos-verdes/business-waste-management/>

- <http://calmetservices.com/commercial-services/>

- <https://www.republicservices.com/municipality/los-angeles/education-resources#californias-mandatory-commercial-organics-recycli>

- <http://www.wm.com/location/california/sacramento-valley/commercial-recycling.jsp>

Print:

- The haulers each prepare and distribute printed outreach material. Letters were sent by the haulers to those accounts that still need to comply. The City also sent a general letter to all commercial accounts about AB 1826, AB 341, and SB 1383 in November.

- The City and its haulers publish newsletters that include recycling information.

- The City runs ads to promote SEED Awards, recycling events, used oil centers, and HHW roundups.

- The annual business license renewal packet includes information about MORE.

- The haulers provide rotating invoice messages throughout the year.

Direct Contact:

- The City provides recycling information at all community events.

- Waste assessments are completed as requested.

- The City and its consultant met with each commercial hauler in September 2018 to review compliance and targeted outreach. Those meetings resulted in another round of letters and site visits by the haulers.

- Four commercial haulers spoke to or met with those accounts that still need to comply with AB 1826.

REDONDO BEACH:

Electronic:

- Phone calls were made to entities subject to the law.

Print:

- The hauler sent a letter to all subjected entities notifying them of the law and how to comply.

- After conducting site visits to subjected entities, the hauler sent follow-up print materials including FAQs and letters.

Direct Contact:

- The hauler conducted site visits to subjected entities and sent follow-up print materials including FAQs and letters.

- Phone calls were also made to entities subject to the law.

ROSEMEAD:

Electronic:

- Website (City & Hauler), Social Media

Print:

- Newsletters (Hauler/Chamber), flyers, brochures

Direct Contact:

- City Council Updates, numerous City events, Chamber of Commerce, on-site Audits, school visits

SIERRA MADRE:

Electronic:

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- 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)
- On-site waste assessments were conducted and will be on-going in 2018.

SOUTH GATE:

Electronic:

- Waste Management developed a website specific to South Gate businesses where MCR and MORE information can be found. In addition, the City of South Gate updated their website to showcase MCR and MORE information. Waste Management also provides the City of South Gate with MCR and MORE content for their Business Connection article. Waste Management promotes MCR and MORE via social media channels and local media outlets. For example, in 2019 Waste Management launched their Recycling Champion program where the City recognized one business, multi-family property and residential block for their exceptional recycling efforts. Lastly, Waste Management and the City of South Gate provided public education to residents and businesses on proper recycling practices via a digital billboard off the 710 HWY and the Firestone Blvd and Garfield Avenue intersection.

Print:

- Waste Management develops MCR and MORE educational material for commercial customers in English and Spanish. All content is shared with customers during site visit+C9s. All City of South Gate newsletters are printed and shared with businesses who visit City Hall and the Chamber of Commerce. In 2019, Waste Management will be sending a bill insert newsletter to all commercial customers regarding MCR and MORE compliance along with the new organics threshold.

Direct Contact:

- Waste Management shared public education at community events, site visits, and anytime a waste audit is conducted at a local business. Direct contact includes: phone calls, emails, and in-person meetings with customers.

TORRANCE:

Electronic:

- City provides MORE information on the City website. (ongoing)
- City provides a link to CalRecycle's MORE webpage on the City's website. (ongoing)
- Haulers provide MORE information on their website. (ongoing)
- Haulers post MCR information through Social Media. (frequency varies by hauler)

Print:

- City provides MORE information with business license renewals. (annually)
- City provides MORE brochures as handouts at City Counters. (ongoing)
- City requests MORE information from all permitted haulers through AB 341/AB 1826 Survey. (annually)
- Haulers developed their own MORE education materials to mail to their own commercial customers. (frequency varies by hauler)

Direct Contact:

- City provides MORE brochures at City events. (ongoing)
- City provides MORE information to customers that call in. (frequency: as needed)
- Haulers provide MORE information during site visits. (frequency varies per hauler)

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.

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ARTESIA: N/A

BEVERLY HILLS: Mailing outreach to multifamily, for example 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: Only challenges are contacting the right person at businesses or multi-units. There are managers, owners, renters, and management staff. Most passed on information but don't always follow through.

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: There is very little challenge cited by all 7 RSPs in implementing education and outreach for the organics recycling program. The challenge to the RSPs is getting the accounts/customers to enroll in MORE.

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: Having three (3) commercial haulers as opposed to one (1) franchise hauler presents logistical issues, but is manageable. These logistical issues will be mitigated after the commercial sector is subject to a new franchise arrangement with one (1) hauler.

POMONA:

Athens: Absence of City established rates which can be structured to overcome cost objectives and no enforcement mechanism.

Waste Management: Increased costs associated with adding Organics Services.

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: N/A

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.*

- **Exemptions: *** New 2018 EAR *****
How to report exemptions for MORE monitoring tab in the EAR:
 1. *Include number of exempted businesses in the total of regulated businesses.*
 2. *Do not include number of exempted businesses in "not recycling" column. The jurisdiction granted an exemption so the business is not considered out of compliance.*
Note: If a jurisdiction chooses to report this differently, they must explain this in the explanation field(s).
 3. *If Exemptions were granted by the jurisdiction, please provide each number of exemptions granted and describe the reasons why the exemptions were granted on the 'Enforcement, Self-Haul Requirements, and Exemptions' tab of the Mandatory Commercial Organics Recycling (MORE) section of the EAR.*

- **Thresholds: *** New 2018 EAR *****
 1. *Jurisdictions are not required to report different numbers for MCR and MORE. It is acceptable to use the 2019 MORE definition of 4 cy/week of trash/recycling/organics also for MCR regulated entities, if that is easier for reporting.*
 2. *Reminder that the 2019 threshold for MORE (4 cy/week of trash/recycling/organics) has been on the MORE FAQs webpage (FAQ 'General' #18) since the program began. If a jurisdiction needs assistance please contact your LAMD liaison.*

1. Total number of covered businesses: 26662

Explanation: ARTESIA: 17
BEVERLY HILLS: 129
BRADBURY: N/A
DOWNEY: 67
DUARTE: 24
HERMOSA BEACH: 11
HIDDEN HILLS: N/A
LOS ANGELES: 25,467
LYNWOOD: 66
MANHATTAN BEACH: 42
PALOS VERDES ESTATES: 28
POMONA: 109
RANCHO PALOS VERDES: 37 (2019 threshold)
REDONDO BEACH: 13
ROSEMEAD: 17
SIERRA MADRE: 2
SOUTH GATE: 49
TORRANCE: 584

2. Total number of covered businesses NOT recycling organics: 25657

Explanation:

ARTESIA: 8
BEVERLY HILLS: 0
DOWNEY: 37
DUARTE: 3
HERMOSA BEACH: 8
HIDDEN HILLS: N/A
LOS ANGELES: 24,971
LYNWOOD: 62
MANHATTAN BEACH: 28
PALOS VERDES ESTATES: 26
POMONA: 101
RANCHO PALOS VERDES: 29
REDONDO BEACH: 0
ROSEMEAD: 1
SIERRA MADRE: 1
SOUTH GATE: 48
TORRANCE: 334

3. Total number of covered multifamily complexes: 24797

Explanation: ARTESIA: 10
BEVERLY HILLS: 0
DOWNEY: 884
DUARTE: 51
HERMOSA BEACH: 2
HIDDEN HILLS: N/A
LOS ANGELES: 23,584
LYNWOOD: 11
MANHATTAN BEACH: 3
PALOS VERDES ESTATES: 10
POMONA: 33
RANCHO PALOS VERDES: 38 (2019 threshold)
REDONDO BEACH: 32
ROSEMEAD: 0
SIERRA MADRE: 0
SOUTH GATE: 12
TORRANCE: 127

4. Total number of covered multifamily complexes NOT recycling green waste, landscape and pruning waste, and nonhazardous wood waste: 24188

Explanation: ARTESIA: 3
BEVERLY HILLS: 0
DOWNEY: 670
DUARTE: 43
HERMOSA BEACH: 2
HIDDEN HILLS: N/A
LOS ANGELES: 23,322
LYNWOOD: 9
MANHATTAN BEACH: 0
PALOS VERDES ESTATES: 10
POMONA: 18
RANCHO PALOS VERDES: 31
REDONDO BEACH: 0
ROSEMEAD: 0
SIERRA MADRE: N/A
SOUTH GATE: 12
TORRANCE: 68

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.

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2018)

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: In 2018 for AB 1826 all of the businesses that generate 4 cubic yards of solid waste have been identified. Currently the City doesn't have an organic cart rate in our Franchise agreement. City will be trying to negotiate organic rates in 2019.

DOWNEY: City sent Letters. Followed up with email or telephone call.

HERMOSA BEACH: The City, solid waste consultant, and franchise hauler continue to make direct contact with those AB 1826 accounts that are not recycling. The City is in the process of negotiating organics recycling collection services with the franchise hauler. When the service rates have been finalized the City will be mailing an AB 1826 non-compliance to those accounts meeting compliance thresholds that are not recycling.

HIDDEN HILLS: N/A

LOS ANGELES: 74,499 waste assessments were conducted that identified how much organics recycling at customer sites would be needed. In addition to waste assessments, customers can also request training visits. The RSPs had every customer site visited, and encouraged to accept green bins. recycLA service providers are going through their customers to continue to 'right size' and place green bins where appropriate and needed. During RSPs' waste assessment of businesses subject to AB 1826, green bins are recommended. However, there is additional cost for green bin service. A customer may opt to not ask for a green bin and instead use their black bin for their organic wastes. If and when the black bin is overfilled, the customer is assessed additional fees.

LYNWOOD: The City and hauler will continue to follow up with the identified accounts that are subject to MORE in 2019.

MANHATTAN BEACH: Worked w/hauler to schedule additional site visits. Reported to City Council the number of businesses participating/not participating.

PALOS VERDES ESTATES: The City MCR/MORE ordinance was passed in February of 2018. All three (3) permitted commercial haulers utilize that ordinance to market their MORE-related services via billing inserts, phone calls, and direct site visits.

POMONA: Each hauler continues to provide education and outreach in the form of flyers and brochures and via their website.

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.

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: Republic Services Organics Manager contacted the balance of the Tier 2 businesses and setup 6 additional programs. We still have one account until Tier 2 to setup.

SIERRA MADRE: N/A

SOUTH GATE: Waste Management conducted various site visits and waste audits for commercial customers. Information on MCR compliance was shared with all customers. In addition, all customers were sent a letter by Waste Management regarding MCR compliance. In addition, Waste Management has all the information readily available for customers on their City of South Gate Commercial website. At the moment, there is no City ordinance or municipal code that requires participation in a recycling program with the franchised hauler. However, there is a non-compliance fee that customers get charged for not having a recycling program. Through the third-party audit, Waste Management was able to verify that the total tons of third-party recycling increased compared to previous years. MCR and MORE information was shared with businesses through the City of South Gate Business Connection newsletter. In 2019, Waste Management will send customers a newsletter informing them about the new MORE threshold.

TORRANCE: City provided letters to all the commercial haulers that they could use to notify their customers if they were non-compliant. The City does not yet have an enforcement program; it is under development.

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.

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2018)

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

BEVERLY HILLS: Currently the City doesn't have an organic cart rate in our Franchise agreement. Extensive education to businesses that necessarily not big food generators.

DOWNEY: Cost, space constraints for additional bin.

HERMOSA BEACH: N/A: The franchise hauler continues to monitor all commercial accounts generating organics.

HIDDEN HILLS: N/A

LOS ANGELES: The additional cost to the business of enrolling in organics recycling is the number one challenge.

LYNWOOD: The two biggest challenges with this program are unwillingness to participate and pay for additional services. Commercial accounts that refuse state they're unable to implement a program or sign up for organics service because everything must go through "Corporate" (McDonald's, Jack in the Box, etc). When asking for Area or District Manager contact, they only provide general toll-free number.

MANHATTAN BEACH: N/A

PALOS VERDES ESTATES: Having three (3) commercial haulers as opposed to one (1) franchise hauler presents logistical issues, but is manageable.

POMONA:

Valley Vista: Little response after all information and pricing is given to customers.

Waste Management: Cost as well as education/training about how to recycle efficiently and correctly. Sales team is equipped with educational literature trying to change perceptions and encourage participation.

RANCHO PALOS VERDES: N/A

REDONDO BEACH: complaint of smelly and dirty carts.

ROSEMEAD: The focus is to promote donation programs with little residual waste to collect. There is always a concern setting up donation programs.

SIERRA MADRE: Additional costs is the main barrier in subscribing to an organics recycling program.

SOUTH GATE: N/A

TORRANCE: Very difficult with current program. Not sure of accuracy of haulers information on number of customers and levels of compliance. Need to change program enforcement or auditing.

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

38098 Tons

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

Explanation:

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2018)

ARTESIA: 15.4

In 2018 there was one participant in the hauler's organics program. Large markets in the City back haul their food waste through corporate.

BEVERLY HILLS: 5,821.31

This number represents all of our commercial businesses that are on a food waste program service, excluding multifamily and tier three commercial businesses collection will start when rates are determined.

BRADBURY: N/A

DOWNEY: 0

The organics are collected with greenwaste.

DUARTE: 18.32

HERMOSA BEACH: 0

Unable to quantify AB 1826 diversion tonnage at this time. Franchise hauler does not separate organics recycling tonnages from greenwaste recycling in the commercial-multifamily-industrial sector at this time. Unable to quantify diversion tonnage.

HIDDEN HILLS: N/A

LOS ANGELES: 27,135.43

Total includes 24,703.80 tons of diverted greenwaste (including 7 tons of acacia harvested from LAX Dunes); plus 2,431.63 tons of food rescue (including 18.6 tons of food donated through LAX's Harvest Food Donation Program).

LYNWOOD: 230.70

MANHATTAN BEACH: 675.03

Tonnage per LARA info included in MCR/MORE sheet. The tonnage provided in previous year (2016) was provided by a hauler employee who is no longer with the company. Current staff cannot locate the document used to calculate this specific number. The AB 1826 covered businesses/MF are not collected/weighed separately from the rest of the participating businesses/MF.

PALOS VERDES ESTATES: 0.06

POMONA: 252.36

Includes: Burrtec: 213.74; Waste Management: 38.62; Data unavailable for other haulers.

RANCHO PALOS VERDES: 0

Documented diversion from third-party programs or is included with other programs.

REDONDO BEACH: 0

Residential and Commercial weighed together.

ROSEMEAD: 211.49

SIERRA MADRE: N/A

SOUTH GATE: 1,071.56 (third-party collection)

TORRANCE: 2,666

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.

Question 1 and 1a to be completed by LA County, per CalRecycle.

Question 2 to be completed by LA County, per CalRecycle.

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.

For the list of facilities, please see the "Organics Facilities 2018" file saved in the Additional Information section of MORE.

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.

ARTESIA: There are no existing solid waste and organic waste recycling facilities in Artesia.

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: N/A

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: The City of Los Angeles CLARTS facility has been considered for expansion to include organics processing.

LYNWOOD: There are no solid waste facilities located within City limits.

MANHATTAN BEACH: N/A

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: There are no solid waste facilities located within City limits and there are no industrial sites suitable for development.

REDONDO BEACH: N/A

ROSEMEAD: N/A

SIERRA MADRE: NA

SOUTH GATE: None to report in the City of South Gate.

TORRANCE: N/A

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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.

ARTESIA: N/A

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: There are no exemptions currently in Downey.

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

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. As of 2018, Waste Management's Sun Valley facility and Anaergia's Rialto facility has begun construction. 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.

MANHATTAN BEACH: N/A

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: Nothing within the vicinity. American Organics - Victorville, CA, is the facility used by Athens Services.

ROSEMEAD: Republic Services collects and transfer the organics material to Falon MRF and sent to Agromn in Chino, CA, for compost.

SIERRA MADRE: NA

SOUTH GATE: None to report in the City of South Gate.

TORRANCE: N/A

6. Please provide a list of closed or abandoned sites that may be available for new organic waste recycling facilities.

ARTESIA: N/A

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: N/A

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: In June 2018, the Commerce Refuse-To-Energy Facility (CREF) closed.

LYNWOOD: There are no suitable sites within City limits.

MANHATTAN BEACH: N/A

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: N/A

SIERRA MADRE: NA

SOUTH GATE: None to report in the City of South Gate.

TORRANCE: N/A

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2018)

7. Please describe other non-disposal opportunities (on-site composting, food waste to animal feed, etc.) available to covered entities in the jurisdiction.

ARTESIA: N/A

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: Grocery Stores taking unused produce back to distribution centers. Ex. Kroger, Self-Hauling Organics-Landscapers, Food Rescue/Donation, Food Waste to Animal Feed, On-Site Composting and Greind2Energy onsite programs.

HERMOSA BEACH: The City continues encourage food donation to local charities and regional food banks.

HIDDEN HILLS: N/A

LOS ANGELES: Some of the food rescue centers that participate in non-disposal opportunities are World Harvest, Saint Francis Center, and Food Finders. LA Sanitation is continually working with food rescue groups to expand their capacity. In addition, in 2018 ORCA food digesters were processing food waste at Loyola Marymount University and the Sofitel hotel. Plans for 2019 include using an Ecovim food dehydrator at the Greek Theater to generate a dehydrated soil amendment product that will be given to local plant nurseries. The following food organizations that the RSPs have pledged to work with according to their 2019 Outreach & Education Plans are (by RSP): Athens: Saint Francis Center, Foodcycle, Food Forward, Beacon House, UCLA, Hollywood Food Coalition; Calmet: Food Finders; NASA: World Harvest, Heart of Compassion Food Bank, Central City Community Outreach, Oaks of Righteousness, LA Compost, Food Forward; Republic: World Harvest, St. Francis Center, Community Outreach Center, MEND, LA Regional Food Bank, Food Finders, LA Conservation Corp., Pacoima Beautiful, Valley Food Bank, Food Forward; UWS: Food Finders, St. Francis Center, LA Compost, Food Forward, The Dream Center; WARE: Food Forward, St. Francis Center.

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: N/A

SIERRA MADRE: N/A

SOUTH GATE: None to report in the City of South Gate.

TORRANCE: N/A

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).

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 working with the Hauler to enforce its existing mandatory recycling ordinance.

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: The hauler has an option to adjust their rates yearly using: Refuse Rate Index & Disposal Rates.

HERMOSA BEACH: The City continues to develop a Restaurant Guide that provides information on purchasing in bulk, food preparation, food storage, reducing portion size, the use of durable serving ware, and food donation. The City and franchise hauler continue to work with the Hermosa Beach City School District in reducing food waste through purchasing, food preparation, food storage, and reducing portion size. Students continue to participate in a Share Table collecting unserved beverage containers and produce. The school district has replaced polystyrene serving trays with a cardboard serving tray that can be recycled.

HIDDEN HILLS: N/A

LOS ANGELES: The recycLA Service Provider (RSP) contracts require partnerships and funding of reuse and food rescue from customers. The City believes that the highest and best use for edible food is to feed people. Each 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 3,267.39 tons of food was rescued in 2018.

LYNWOOD: N/A

MANHATTAN BEACH: Food left over from any City meeting (Staff, Council, community, etc.) is transported to either the Fire Dept., Police Dept., or Public Works Dept. for their staff.

PALOS VERDES ESTATES: N/A

POMONA: N/A

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: N/A

ROSEMEAD: N/A

SIERRA MADRE: Taylor's Market recovery effort

SOUTH GATE: At the moment, there is no incentive program for customers to donate edible food. However, through the third-party audit the City of South Gate found that some businesses are already donating edible food.

TORRANCE: We promote Food Finders and Food Forward in our outreach.

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.

ARTESIA: There are no established zoning or permit requirements for this specific type of use.

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: N/A

HERMOSA BEACH: Zoning codes do not currently allow an organics waste processing facility.

HIDDEN HILLS: N/A

LOS ANGELES: In the City of LA, the most appropriate locations for new organic waste recycling facilities will be in the Light Industrial (M2) and Heavy Industrial (M3) zones.

LYNWOOD: N/A

MANHATTAN BEACH: N/A

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

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.

ROSEMEAD: N/A

SIERRA MADRE: NA

SOUTH GATE: N/A

TORRANCE: We have 2 zoning areas for light and heavy manufacturing that would allow for food waste processing, Zones M1 and M2. Any project siting in these areas would require a Conditional Use Permit (CUP) process.

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.)

ARTESIA: N/A

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: N/A

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: RMDZ funding may be available for development of new organic waste recycling facilities.

LYNWOOD: N/A

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 2018, 392 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.

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: Donations are set up within larger supermakets by the supermarkets themselves.

ROSEMEAD: N/A

SIERRA MADRE: N/A

SOUTH GATE: N/A

TORRANCE: Torrance is a member of the RMDZ.

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).

ARTESIA: CR&R has developed informational material for local businesses to educate on organics recycling.

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: N/A

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: The City offers free mulch and compost material everyday at its 3 locations namely Harbor Mulching Facility, Griffith Park Composting Facility, Lopez Canyon, and one opening in South LA in 2019. The City encourages and give incentives to businesses and multifamily dwelling if they replace plants and lawns with drought tolerant landscape. Several tenants at LAX participate in LASAN food waste recycling program such as United Airlines Lounge, United Arab Emirates Lounge, Air New Zealand, Etihad, and Qantas. Food waste collection continues for the 4 original locations at LAX (81.75 tons / 163503.55 lbs) and at Homeboy Diner at City Hall (2.30 tons / 4598.4 lbs). Tonnages are included in the total tonnage of material going to anaerobic digester at CR&R. The LAX food waste collection program plans to expand to 4 more VIP lounges within the Tom Bradley International Terminal in 2019. LASAN also launched a pilot program placing vermicomposting bins in its headquarters office during 2018, converting 0.03 tons (60 pounds) of food waste into compost.

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: N/A

SIERRA MADRE: N/A

SOUTH GATE: N/A

TORRANCE: same as above

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.

1. Did the jurisdiction make a rate adjustment this year, or in prior years, for garbage or organics rates related to AB 1826 (or in anticipation of SB 1383) Implementation?
2. Is this planned in the future, if so what year?
3. Did the jurisdiction go through a Prop 2018 Process?

ARTESIA: N/A

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: The hauler has an option to adjust their rates yearly using: Refuse Rate Index & Disposal Rates.

HERMOSA BEACH: The City is currently renegotiating organics recycling collection rates with the franchise hauler.

HIDDEN HILLS: N/A

LOS ANGELES: recycLA Service Providers (RSPs) are required to reduce the amount of organics going to the landfill. RSPs are required to provide organics container service if requested by the customer. As of 2019, as part of the "Removing Barriers to Recycling" program, customers will no longer be charged access and distance fees for blue bin service, and customers who have paid those extra fees previously may receive a credit.

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: Organics service is provided to commercial businesses and residents at no additional charge.

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: N/A

SIERRA MADRE: N/A

SOUTH GATE: N/A

TORRANCE: N/A

13. Any other barriers? No

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.

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: N/A

BRADBURY: N/A

DOWNEY: The hauler has an option to adjust their rates yearly using: Refuse Rate Index & Disposal Rates.

HERMOSA BEACH: The City is primarily a residential beach community with space constraints for the siting of an organics waste recycling facility.

HIDDEN HILLS: N/A

LOS ANGELES: Lack of suitable parcels and zoning issues are the most common barriers.

LYNWOOD: N/A

MANHATTAN BEACH: Lack of suitable parcels.

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: N/A

SIERRA MADRE: Lack of suitable parcels, zoning issues.

SOUTH GATE: N/A

TORRANCE: Not many available parcels with correct zoning, land here is expensive, and some community opposition.

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.

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2018)

1. Has the jurisdiction implemented any enforcement measures for covered businesses (including multifamily) that are not in compliance? If so, please describe.

ARTESIA: No

BEVERLY HILLS: No

BRADBURY: N/A

DOWNEY: No

HERMOSA BEACH: The City is currently renegotiating organics recycling collection rates with the franchise hauler. Once the service rates have been finalized the City will be mailing AB 1826 non-compliance letters to those commercial and multifamily accounts who have not subscribed to the franchise hauler's organics recycling collection program.

HIDDEN HILLS: N/A

LOS ANGELES: LA Sanitation assesses a Recycling Not Provided (RNP) fee on haulers for each of their customers not receiving commercial/multifamily recycling service.

LYNWOOD: N/A

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, greenwaste, 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.

PALOS VERDES ESTATES: In February of 2018, the City of Palos Verdes Estates adopted a mandatory commercial recycling and mandatory commercial organics recycling ordinance. The ordinance established specific requirements for commercial entities enforced via an administrative fine/citation system.

POMONA: N/A

RANCHO PALOS VERDES: N/A

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: None

SIERRA MADRE: N/A

SOUTH GATE: Currently, there are no City of South Gate Ordinances or Municipal Codes that require compliance with MORA. At the moment, Waste Management is providing customers with waste audits, organics education, and pricing for organics. It is up to the customers to subscribe to an organics program with the franchised hauler. However, in 2018 Waste Management conducted a third-party audit to verify the tons of recycling and organics being diverted by businesses in the City. As a result, 1,071.56 tons of organics were diverted through self-hauling, back-hauling, and third-party recycling.

TORRANCE: Not yet.

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2018)

2. Has the jurisdiction implemented any certification requirements for self-haulers? If so, please describe.

ARTESIA: No

BEVERLY HILLS: No

BRADBURY: N/A

DOWNEY: No

HERMOSA BEACH: Not at this time.

HIDDEN HILLS: N/A

LOS ANGELES: Yes. Self-haulers generating 1,000 tons or more greenwaste per year are required to have a waste hauler permit. (Self-haulers generating less than 1,000 tons per year of greenwaste are not required to obtain a permit.) Those hauling C&D material, regardless of tonnage, are required to obtain a waste hauler permit.

LYNWOOD: N/A

MANHATTAN BEACH: N/A

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: The City has budgetary issues and given the amount of time other projects have required, this issue has not taken precedent.

ROSEMEAD: NONE

SIERRA MADRE: N/A

SOUTH GATE: Anyone diverting organics outside of the franchise hauler is asked to report their tonnages to the City of South Gate. In 2019, the City and Waste Management will look into methods of solidifying this process with businesses. At the moment, there is no official formal process to track these businesses other than site visits and audits. The goal is to make this a formal process through the City of South Gate.

TORRANCE: No, just required to meet State regulations per Municipal Code.

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. Guidance on how to report exemptions for MORE monitoring tab in the EAR:
 - 1. Include number of exempted businesses in the total of regulated businesses
 - 2. Do not include number of exempted businesses in "not recycling" column. The jurisdiction granted an exemption so the business is not considered out of compliance.

Note—If a jurisdiction chooses to report this differently, they must explain this in the explanation field(s) of the 'Monitoring' tab or the 3035-CM-COR Diversion Program Code monitoring fields.

ARTESIA: No exemption implemented in 2018.

BEVERLY HILLS: No

BRADBURY: N/A

DOWNEY: Current business practices already result in a significant reduction in its organic waste (can be revoked 2020)

HERMOSA BEACH: There are no certification requirements for self-haulers at this time. No exemptions have been granted at this time.

HIDDEN HILLS: N/A

LOS ANGELES: The City does not offer exemptions.

LYNWOOD: N/A

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: In conjunction with each of the three (3) permitted commercial haulers, the City will assist in the exemption process and keep track of both the quantity and nature of exemptions during the 2019 reporting year.

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: None for the Tier 2 businesses. Expect exemptions for Tier 3 businesses.

SIERRA MADRE: N/A

SOUTH GATE: In 2018, there were no exemptions made in the City of South Gate. However, in 2019 the City will be visiting exemptions for customers.

TORRANCE: Not yet.

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?

LARA cities in the San Gabriel Valley and South Bay regions conduct award ceremonies that recognize businesses, organizations, and agencies that promote the reduction of organic waste generation and increase of diversion.

ARTESIA: CR&R has developed informational material for local businesses to educate businesses about organics recycling. Also, in an effort 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 cooperation from businesses. Therefore the City and CR&R will work together to enforce organics recycling based on each other's respective sphere of influence.

BEVERLY HILLS: Need more public aware PA from the State Level.

BRADBURY: N/A

DOWNEY: N/A

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: The City has several pilot programs rolled out to residents including the "Curb Your Food Waste LA" pilot, the Insinkerator pilot, and the ORCA pilot at the Loyola Marymount University. The "recycLA Star" program awards a recycLA Star rating (green, silver, gold, or platinum) to business and apartment owners who embrace recycLA's recycling, landfill diversion, and food rescue opportunities, investing in new business practices and taking action to achieve the highest levels of recycling. For 2019-2020, the Green Business Program will target food service establishments to address food waste issues.

LYNWOOD: N/A

MANHATTAN BEACH: Our City prefers an "educational enforcement" approach because it's such a small city (less than 4 square miles total). Educating students is another preferred method as its seen as the force of change citywide since the children influence life at home and as patrons of the local businesses. The greatest challenge with commercial food waste is the City's spatial issues. There are many, 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 efficient. 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 are overlooking the same view 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.

PALOS VERDES ESTATES: N/A

POMONA: N/A

RANCHO PALOS VERDES: N/A

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.

ROSEMEAD: The auditors identify the businesses by Tier and send to the Organics Manager. The Organics Manager contacts the businesses and implements the programs. The program is monitored by the trainers for contamination and any retraining. This system proves to be successful.

SIERRA MADRE: City staff has continually discussed with hauler representatives about the potential of adopting an all-inclusive organics program instead of the pay-as-you-throw program.

SOUTH GATE: In 2018, Waste Management completed the third-party commercial audit and found that a substantial amount of organics were being diverted by businesses.

TORRANCE: Lack of local infrastructure is a problem.

Brief description of additional information files, including calculation data for infrastructure planning.