

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

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Summary

Jurisdiction: Los Angeles Area Integrated Waste Management Authority
Report Year Filed: 2016
Report Status: Submitted

Submitted Information

Date Report Submitted: Tuesday, August 01, 2017
Report Submitted By:
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Jurisdiction Contact

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Disposal Rate Calculation

Definition of Terms

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

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

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

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

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

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

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Green Material ADC (tons):	18,900.15
Reporting-Year Disposal Amount (tons):	4,854,527.10
Disposal Reduction Credits (Reported):	
Disaster Waste (tons):	0.00
Medical Waste (tons):	0.00
Regional Diversion Facility Residual Waste (tons):	0.00
C & D Waste (tons):	0.00
Class II Waste (tons):	0.00
Out of State Export (Diverted) (tons):	0.00
Other Disposal Amount (tons):	0.00
	<hr/>
Total Disposal Reduction Credit Amount (tons):	0.00
	<hr/>
Total Adjusted Reporting-Year Disposal Amount (tons):	4,854,527.10
Reporting-Year Transformation Waste (tons):	109,569.36

Reporting Entity	Quarter	Destination Facility	Transformation Ton
Los Angeles	1	Commerce Refuse-To-Energy Facility	5,437.38
Los Angeles	1	Southeast Resource Recovery Facility	18,276.86
Los Angeles	2	Commerce Refuse-To-Energy Facility	5,404.33
Los Angeles	2	Southeast Resource Recovery Facility	24,703.28
Los Angeles	2	Covanta Stanislaus, Inc.	13.55
Los Angeles	3	Commerce Refuse-To-Energy Facility	8,546.85
Los Angeles	3	Southeast Resource Recovery Facility	17,141.62
Los Angeles	4	Commerce Refuse-To-Energy Facility	10,873.33
Los Angeles	4	Southeast Resource Recovery Facility	19,157.82
Los Angeles	4	Covanta Stanislaus, Inc.	14.34

Reporting-Year Population:	4,951,615
Reporting-Year Employment:	1,974,963

Reporting-Year Calculation Results (Per Capita)

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	Population		Employment	
	Target	Annual	Target	Annual
Disposal Rate without Transformation (pounds/person/day):		5.4		13.5
Transformation Rate (pounds/person/day):	1.4	0.1	3.5	0.3
The Calculated Disposal Rate (pounds/person/day)	7.1	5.3	17.5	13.2

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:		5.3		13.2
Green Material ADC Rate:		0.0		0.1
Disposal Rate with Green Material ADC:		5.3		13.3

Calculation Factors

If any boxes are checked, please complete, and sign the [Reporting Year Disposal Modification Certification Sheet](#) and 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.

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

<input type="checkbox"/> Alternative disposal tonnage <input type="checkbox"/> Deductions to DRS disposal tonnage
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Questions and Responses

Rural Petition for Reduction in Requirements

Rural Petition For Reduction

1. Question:

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

Response:

No.

Newly Incorporated Cities

New City

1. **Question:**

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

Response:

No.

Disposal Rate Accuracy

Disposal Rate Accuracy

1. **Question:**

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

Response:

No.

Planning Documents Assessment

Source Reduction and Recycling Element (SRRE)

1. **Question:**

Does the SRRE need to be revised?

Response:

No.

Household Hazardous Waste Element (HHWE)

2. **Question:**

Does the HHWE need to be revised?

Response:

No.

Non-Disposal Facility Element (NDFE)

3. **Question:**

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

Response:

There were two changes to our NDFE in 2016:
Facility #80 - Recology Transfer Station for a proposed expansion from 4,600 tons per day to 6,700 tons per day
Facility # 81 - RJ's Alondra Chipping and Grinding Facility for a proposed expansion to 600 tons per day

Non-Disposal Facility Element (NDFE)

4. **Question:**

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

Response:

No.

Summary Plan Assessment

Summary Plan

1. **Question:**

Does the Summary Plan need to be revised?

Response:

No.

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.

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.

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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:

No.

Hauler Information

Parent Company:			
Hauler Name:	A and A Waste and Rolloff Services - Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	AAA Rubbish - Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	Athens Services- Palos Verdes Estates		
Franchise Hauler:	No		
Activities	Curbside Organics - Residential,Curbside Recycling - Residential,Solid Waste Hauler - Residential,		
Notes:			
New Hauler:	Yes	Contract End Date:	

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Parent Company:		
Hauler Name:	Athens Services- Sierra Madre	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Athens Services- Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	Athens- Los Angeles	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Commercial,Curbside Recycling - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Athens- Pomona	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	Burrtec Waste Services- Bradbury	
Franchise Hauler:	No	
Activities	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Burrtec- Pomona	
Franchise Hauler:	No	
Activities	Solid Waste Hauler - Commercial,	

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Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	BZ Disposal Services- Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	California Waste Services- Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	CalMet Services- Downey	
Franchise Hauler:	No	
Activities	Curbside Organics - Commercial,Curbside Recycling - Commercial,Curbside Recycling - Residential,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	CalMet Services- Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	CalMet- Los Angeles	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Commercial,Curbside Recycling - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	CR and R Inc. - Artesia	

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Franchise Hauler:	No	
Activities	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	CRandR Inc.- Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	Direct Disposal- Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	Easy Roll Off Services-Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	EDCO -Rancho Palos Verdes	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Residential,Curbside Recycling - Commercial,Curbside Recycling - Residential,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	EDCO Disposal Corporation-Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:

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Parent Company:		
Hauler Name:	EDCO Disposal Corporation-Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
<hr/>		
Parent Company:		
Hauler Name:	EDCO- Palos Verdes Estates	
Franchise Hauler:	No	
Activities	Curbside Organics - Residential,Curbside Recycling - Residential,Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	Yes	Contract End Date:
<hr/>		
Parent Company:		
Hauler Name:	JJK Roll Offs, Inc- Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
<hr/>		
Parent Company:		
Hauler Name:	L and S Disposal- Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
<hr/>		
Parent Company:		
Hauler Name:	Liberty Disposal- Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
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Parent Company:		
Hauler Name:	NASA Services- Los Angeles	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Commercial,Curbside Recycling - Commercial,	

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Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Recology- Beverly Hills	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Commercial, Curbside Recycling - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Republic Services- Palos Verdes Estates	
Franchise Hauler:	No	
Activities	Curbside Organics - Residential, Curbside Recycling - Residential, Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	Republic Services- Rosemead	
Franchise Hauler:	No	
Activities	Curbside Organics - Residential, Curbside Recycling - Commercial, Curbside Recycling - Residential, Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Republic- Los Angeles	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Commercial, Curbside Recycling - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	S and H Disposal Company- Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:

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Parent Company:			
Hauler Name:	Serv-West Disposal- Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	Yes	Contract End Date:	
Parent Company:			
Hauler Name:	United Pacific Waste - Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	Universal Waste Services- Los Angeles		
Franchise Hauler:	Yes		
Activities	Curbside Organics - Commercial,Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	Universal Waste System-Rancho Palos Verdes		
Franchise Hauler:	No		
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	Yes	Contract End Date:	
Parent Company:			
Hauler Name:	Universal Waste Systems - Torrance		
Franchise Hauler:	No		
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,		
Notes:			
New Hauler:	No	Contract End Date:	
Parent Company:			
Hauler Name:	Valle Vista- Pomona		
Franchise Hauler:	No		
Activities	Curbside Recycling - Commercial,Solid Waste Hauler - Commercial,		

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Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	WARE Disposal- Los Angeles	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Commercial, Curbside Recycling - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Ware- Palos Verdes Estates	
Franchise Hauler:	No	
Activities	Curbside Organics - Residential, Curbside Recycling - Residential, Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	Waste Management - Manhattan Beach	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Commercial, Curbside Organics - Residential, Curbside Recycling - Commercial, Curbside Recycling - Residential, Solid Waste Hauler - Commercial, Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	Waste Management - Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Waste Management- Hidden Hills	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Residential, Curbside Recycling - Residential, Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	Yes	Contract End Date:

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Parent Company:		
Hauler Name:	Waste Management- Palos Verdes Estates	
Franchise Hauler:	No	
Activities	Curbside Organics - Residential, Curbside Recycling - Residential, Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	Waste Management- Pomona	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Waste Management- South Gate	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Commercial, Curbside Organics - Residential, Curbside Recycling - Commercial, Curbside Recycling - Residential,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company:		
Hauler Name:	Waste Management-Los Angeles	
Franchise Hauler:	Yes	
Activities	Curbside Organics - Commercial, Curbside Recycling - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Waste Resources Inc - Torrance	
Franchise Hauler:	No	
Activities	Curbside Recycling - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	No	Contract End Date:
Parent Company:		
Hauler Name:	Waste Resources- Lynwood	
Franchise Hauler:	No	

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Activities	Curbside Organics - Commercial, Curbside Organics - Residential, Curbside Recycling - Commercial, Curbside Recycling - Residential, Solid Waste Hauler - Commercial, Solid Waste Hauler - Residential,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company: Arakelian Enterprises Inc.		
Hauler Name: Athens Services - Redondo Beach		
Franchise Hauler: Yes		
Activities	Curbside Organics - Commercial, Curbside Recycling - Commercial, Solid Waste Hauler - Commercial,	
Notes:		
New Hauler:	Yes	Contract End Date:
Parent Company: Arakelian Enterprises Inc.		
Hauler Name: Athens Waste Services - Hermosa Beach		
Franchise Hauler: Yes		
Activities	Curbside Recycling - Commercial, Curbside Recycling - 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: 4401.01	Selected in SRRE: Yes
		Owned or Operated: Yes

Selected Program Details:

Xeriscaping | Grasscycling

Jurisdiction Notes:

ARTESIA: Xeriscaping in front of City Hall and Artesia Park. Grass clippings are left onsite at City parks.

BEVERLY HILLS: TruGreen Land Care is the City's contractor for all the City's landscape medians. The City has xeriscaping at three major city facilities (2 parks and City Hall) for a total of 30,000 sq. ft. Majority of the yard trimmings were processed at Recology and made into compost.

BRADBURY: The City continues to encourage residents to use drought-tolerant landscaping. The City also encourages the use of grasscycling through information published by LA County Public Works.

DOWNEY: Xeriscaping is modeled at City Hall, Columbia Memorial Space Center, Furman Park, and Dennis Menace Park. The City added synthetic grass at City Hall.

DUARTE: Medians were not mowed due to water conservation

HERMOSA BEACH: The Public Works Department continues to mulch and grasscycle 47.39 acres of parks and Green Belt annually with approximately 16 acres in turf. Grasscycling Diversion per USEPA: 6.5 tons per acre =104 tons. The City's parks, playing fields and Green Belt demonstrate the benefits of mulching, grasscycling and the use of native, drought-tolerant plantings in landscaping. City Hall has a Low Water Demonstration Garden and has also installed drought-tolerant plants in landscaped beds surrounding the building. Residents continue to be encouraged to grasscycle and incorporate indigenous plants in landscaping. The West Basin Metropolitan Water District sponsored and promoted two drought-tolerant landscaping workshops with rain barrels given away to all participants. The City offered a Turf Removal Rebate Program to residents. Public / Private partnership between the City, Water District, Kiwanis Club and Boy Scouts developed a Native Garden in Valley Park featuring xeriscaping and reclaimed water usage. Recycled water is used on the Green Belt and parks. The City continues to sponsor and promote a California Friendly Landscapes Workshop in partnership with the California Water Service, the California Department of Water Resources and the Green Garden Group. The City and NexCycle distribute an annual environmental calendar; this year's theme was "Landscaping Lightly."

HIDDEN HILLS: The City continues to encourage residents to utilize xeriscaping and grasscycling methods when performing maintenance or redesign of their landscaped areas. Since November 2000, the demonstration garden around City Hall demonstrates water wise landscaping.

LOS ANGELES:
Airports (LAX)
Grasscycling-LAWA: Continues to collect grasscycling and greenwaste. The collected grass is mixed with greenwaste which is taken to an LASAN composting facility. LAWA has replaced large turf areas with drought tolerant landscape.
Harbor
Greenwaste Recycling-POLA: Greenwaste Recycling program continues with no new application of artificial turf in 2016. Grasscycling and mowing are done on a biweekly schedule.
Recreation and Parks
Grasscycling-RAP: Recreation and Parks leaves all grass clippings onsite from mowing operations.
Water and Power
Greenwaste Handling-DWP: LADWP is exploring the potential for conversion of all LADWP facilities to California Friendly Landscaping. With turf replacement, there is a reduction in the greenwaste generated. Typically, California friendly plants and natives do not need to be manicured as often as "mow and blow" maintenance of turf.

LYNWOOD: City continues to grasscycle at all city facilities.

MANHATTAN BEACH: The City promotes grasscycling on the City's website (www.citymb.info). City landscaping contractor chips all wood from tree trimmings and uses it as ground cover along the City's two-mile greenbelt walking path. The City uses xeriscaping at city facilities. Promotion of water conservation and sustainable landscaping continued through free classes offered by the Manhattan Beach Botanical Garden. Outreach also encompassed SoCal Water Smart rebates to encourage replacement of lawns with drought tolerant landscaping (until funding was exhausted) and rain barrels.

PALOS VERDES ESTATES: The City encourages residents to utilize xeriscaping and grasscycling methods when performing maintenance or redesign of their landscaped areas. The City owned, privately operated golf course practices onsite grasscycling

POMONA: The City grasscycles at all its parks and encourages the use of native and drought tolerant plants and landscaping. The City created a demonstration garden with signage at the City Library.

RANCHO PALOS VERDES: The City continues to grasscycle at its parks and encourages the use of native and drought tolerant plants and landscaping.

REDONDO BEACH: City staff grasscycles at 10 city parks, 33 acres of medians, 14 schools and 14 acres of Southern California Edison right of way lands and other public areas. The local cemetery also grasscycles.

ROSEMEAD: The City continues to promote all grasscycling and composting programs in the quarterly newsletter and Green sheet. At the Beautification Civic Pride Day on April 30th, the hauler hosted a composting class and program.

SIERRA MADRE: The City provided one workshop on xeriscaping in 2016. The program was included as part of a citywide water conservation effort and were provided by a grant from our water district, but were helpful for source reduction of greenwaste as well. City crews continue to use grass clippings on public sports fields and park areas.

SOUTH GATE: The City of South Gate is grasscycling at the following locations: South Gate Park, Hollydale Park and the DWP right of way. In 2016, the City generated a total of 1,601 tons of grasscycling, helping divert 1,601 tons from landfills. The City of South Gate had a robust program of water reduction and promotion of drought-tolerant landscaping and water saving practices.

TORRANCE: The City grasscycles at all city parks, golf courses and around city facilities. Much of the landscaping at city facilities is xeriscaped. The local school district uses grasscycling for their athletic fields with annual programs totaling 1092 tons. The 6.2-acre Toyota soccer field of artificial turf contributed to city total of 1165 tons. A demonstration site at the Madrona Marsh promotes xeriscaping and grasscycling in its yard waste and composting outreach efforts.

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

Jurisdiction Notes:

ARTESIA: Two workshops were held during the Earth Day Expo, "Healthy soil" and "Smart Gardening."
BRADBURY: 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. The City participates with the County of Los Angeles' Smart Gardening Program and promotes local education events and demonstrations. The City also participates in a mulch giveaway.
DOWNEY: The City hosted 4 Smart Gardening Workshops and offered worms and worm composting bins at each workshop. Four Composting workshops were held, and offered rain barrels for sale. The City held 2 mulch giveaway events in which 30 tons of mulch were given away.
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. The City participates with the County of Los Angeles' Smart Gardening Program and promotes local education events and demonstrations. There is a Compost Giveaway Program to promote backyard composting.
HERMOSA BEACH: The Public Works Department continues to use mulch mowers in City parks, playing fields and Green Belt with approximately 16 acres in turf. The tree-trimming vendor mulches / chips on-site, and applies the processed trimmed materials to the Green Belt. Franchise hauler continues to sponsor a Free Compost Giveaway event in conjunction with Earth Day to residents and will provide compost to the Public Works Department and other City departments upon request, 5 tons of compost were given away to residents who participated in the Compost Giveaway event. The City continues to encourage residents to compost at home by 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 Composting Workshop and California Friendly Landscapes Workshop in partnership with the California Water Service, California Department of Water Resources and the Green Garden Group. Starbucks continues to offer the "Shared Plant Grounds for Your Garden" program providing free coffee grounds to City residents.
HIDDEN HILLS: The City continues to promote the County's residential Smart Gardening Workshops and the Las Virgenes Municipal Water District programs via the City's monthly newsletter.
LOS ANGELES:
Sanitation
Backyard Composting Program: LA Sanitation holds 23 composting events a year with an average of about 15 attendees per event.
LYNWOOD: City continues to provide backyard composting information online.
MANHATTAN BEACH: The City and Waste Management host 5 free composting classes each calendar year. Discounted bins and extra worms are sold to Manhattan Beach residents at the classes or through Waste Management customer service. The City subsidizes cost of bins and worms through its operating budget. The City and local landscapers provide free mulch to residents at the Public Works Yard seven days a week.
PALOS VERDES ESTATES: The City promotes the Los Angeles County Smart Gardening Workshops to residents via the City's quarterly newsletter. Residents may utilize composting techniques in their private yards, City also participates in the "Environmental Expo" annually to further the public outreach and education of City environmental programs and resources.
POMONA: The City coordinates with Los Angeles County and hosts smart gardening workshops at least three times a year. Compost and worm composting bins are provided for a minimal cost. An average of 30 participants per year attends the smart gardening workshops.
RANCHO PALOS VERDES: The City held two free mulch giveaway (42.5 tons given away) events, as well as a backyard composting workshop in 2016. 36 attended the March workshop, where 18 compost and worm bins were sold. In addition, 35 residents requested rebates for the purchase of composting bins.
REDONDO BEACH: The City sells backyard composting bins and worm bins at reduced prices. The program is promoted on the website and in brochures.
ROSEMEAD: The City continues to promote all grasscycling and composting programs in the quarterly newsletter and Green sheet. At the Beautification Civic Pride Day on April 30th, the hauler hosts a composting class and program.
SOUTH GATE: In 2016, transitioned from using chippings on the DWP right of way to utilizing decomposed granite. During the 2016 Earth Day event, the City of South Gate provided residents with a total of 46 LARA provided composting kits. Participating in a composting workshop was a requirement to acquire a composting kit.
TORRANCE: The City contributed to the development of a backyard composting demonstration site at the home garden learning center at Columbia Park in Torrance. The City participates in the Los Angeles County Department of Public Works Backyard Composting Program. This program consists of 3 to 6 annual workshops at the demonstration site and other locations, subsidized bin sales and an advertising/outreach campaign. The City also sells three different composting bins (Soil Saver, worm bin and small tumbler) to residents through the City's Farmer's Market and city yard. Information and materials are provided to residents at events, during community group presentations, at schools (about 40 classes a year) and when requested. The City parks and tree trimming divisions donate trimmings and clippings to the two community gardens in the City for residents to use as mulch or compost, and often use the materials for mulching in the landscaping around city facilities. The City also has a mulch drop-off at one of our parks where city crews leave trimmings for residents to take for free (125 tons this year). Tonnage from residents is based on 100 lbs. per composting unit sold by City, a total of 39 bins were sold this year 26.2 cumulative tons.

1020-SR-BWR (Business Waste Reduction Program)

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

Jurisdiction Notes:

ARTESIA: The City hauler promotes business-wide recycling and source reduction programs at community events. 203 commercial and 79 multifamily waste audits performed.

DOWNEY: AB 341 continues to be a priority in Downey. Letters are sent to all AB 341 customers in Downey stating the mandate. 48 audits have been generated as a result of the letter sent. Recycling is free to all commercial accounts. Kaiser Permanente, Starbucks (5 stores) & Panera all have green programs. CalMet provides audits for commercial businesses when requested.

DUARTE: AB 341 continues to be a priority for both the City and Burrtec Waste Industries. In 2016 approximately 80% of multifamily buildings were involved in recycling and numerous waste assessments to existing commercial customers.

HERMOSA BEACH: Consultant continues to conduct 20-25 on-site business technical assistance waste assessments annually encouraging waste prevention / reduction and the reuse of materials when possible. Business technical assistance was provided to 20 Pier restaurants; consultant gave recommendations for reducing food preparation waste and purchasing pre-cut products. Businesses continue to reuse plastic totes, cardboard boxes and pallets.

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

LOS ANGELES:
Sanitation
Commercial Business Waste Assessment (BWA) and Technical Assistance: Franchise contracts will include BWA and technical assistance requirements. LASAN is available to respond to questions and inquiries and provides recycling information.

LYNWOOD: In 2016, WRI conducted 47 site assessments to determine current waste minimization and recycling activities by the business community. Of those, 2 businesses were determined to have a waste minimization program in place.

MANHATTAN BEACH: The City welcomed 5 new businesses to its Green Business Program. Those businesses were honored at the City's Earth Day event. Businesses have also had to continue to comply with the plastic bag ban, polystyrene ban (which includes banning the sale of polystyrene single use ware such as cups, plates, and portable coolers at stores and supermarkets) and cups, lids, straws cannot be made from polystyrene.

PALOS VERDES ESTATES: The City has developed educational materials to disseminate to businesses in order to raise awareness of AB 341 requirements and to encourage businesses to recycle. This material is also available on the City's website. City, in conjunction with local haulers, franchise and other, mailers are sent to businesses within the city reminding business owners and property owners of their responsibilities, the City's responsibilities and resources available regarding existing and future compliance triggers. Literature related to AB 341 and 1826 are also available at the City Hall front counter. The City, through its franchise hauler offer waste assessments. No waste assessments were requested during this reporting period.

POMONA: The franchise haulers provide outreach to businesses on a quarterly basis to existing commercial users and target new customers as well. Hauler (Athens) reported: 731.14 per month.

RANCHO PALOS VERDES: The City continued to promote Food Finders, a regional Food Bank. The City has a Business Recycling Directory on its website and works with the Palos Verdes Chamber of Commerce on recycling. The City also recognized 44 Clean Bay restaurants in 2016.

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

ROSEMEAD: The City and Hauler sends regular mailers and newsletters to the businesses. At all site visits and audits, the hauler provides a trifold with all the diversion programs with an emphasis on source reduction and recycling programs.

SOUTH GATE: Waste Management (WM) continues to offer waste assessments and recycling to commercial customers; recycling is incentivized by a lower price than MSW. Both the City and Waste Management promote business source reduction.

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.

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

Jurisdiction Notes:

ARTESIA: The City has an informal policy not to purchase recycled paper and to refrain from purchasing Styrofoam (expanded polystyrene) cups for coffee.

BEVERLY HILLS: The City purchases supplies through Office Max and chooses EPP products as much as possible. The City will be addressing EPP in the Zero Waste Plan.

BRADBURY: The City continues to maintain its policy of procuring recycled items wherever possible.

DOWNEY: The City has an Environmentally Preferable Procurement (EPP) Policy for purchasing procedures which is sent to all divisional personnel responsible for purchasing in their departments.

DUARTE: The City purchasing policies encouraging the purchase of recycled products has been ongoing since 1991 with a codifying ordinance enacted in 1995. The policy was updated in May of 2016. The City is continuing internal education among employees.

HERMOSA BEACH: The City has a Recycled Products Procurement Policy implemented in 2006. The City purchases 30% post-consumer recycled-content office paper. The City will continue to explore options for the purchase of other post-consumer recycled-content products. The City continues to develop an Environmental Preferred Purchasing (EPP) Policy.

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

LOS ANGELES:
Airports (LAX)
Modify Purchasing Practices: LAWA Environmental continues working to develop a department wide Environmental Preferable Purchasing Policy. LAWA also created a cross-divisional EPP Green Team to improve the department's practices by developing and implementing procedures for selecting, procuring, and validating products and services.

General Services
Annual Report: GSD Supply Services produces an annual report documenting and evaluating compliance with the Recycled Products Purchasing Program. The total expended for calendar year 2016 is \$24,244,751.82
Recycled-Content Procurement-GSD: In compliance with the Buy Recycled 2000 ordinance, GSD purchased recycled products such as carpet rolls, tiles, traffic cones, janitorial products, alternative fuel vehicles, and modular furniture.

Harbor
Buy Recycled Program-POLA: Program is ongoing and covered in detailed in the EPP Report 2015 to 2016.

Recreation and Parks
Environmentally Preferable Purchasing-RAP: Many of the EPP 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 maintenance equipment and many other energy efficient computers and appliances that the department purchases.

Sanitation
Environmentally Preferable Purchasing-LASAN: Continues to review specifications in soon-to-expire contracts for EPP opportunities in future bids. Held EPP basics training class and workshops on paper industry trends and environmental product certifications; vendor fairs showcased EPP office and maintenance products. LASAN is compiling an annual EPP report for 2016.

Water and Power
Buy Recycled 2000 Program-DWP: The LADWP has an Environmentally Preferred Purchasing Policy which includes buying recycled products. The EPP was formally adopted by LADWP on Nov. 2, 2014. The department purchased EPP products 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.
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 monitoring of the procurement process.

MANHATTAN BEACH: With the polystyrene ban in Manhattan Beach, no staff member can purchase polystyrene cups, plates, etc. with City funds. The City has an Environmental Purchasing Policy. The Fleet Division purchases alternative fuel or electric vehicles whenever feasible during the annual Fleet Replacement process.

PALOS VERDES ESTATES: In accordance with the City's purchasing policies, the City purchases recycled-content office products and encourages employees to use reusable products. City Staff will work with suppliers to obtain and provide a comprehensive report of recycled material content purchased by Palos Verdes Estates. The purchasing policy of the City is designed to comply with all pertinent post manufacturing recycle requirements when purchasing materials for City use.

POMONA: The City has Environmentally Preferable Purchases and Practices Policy for city facilities.

RANCHO PALOS VERDES: There is an Environmentally Preferable Purchases and Practices Policy for city facilities and/or projects.

REDONDO BEACH: The City purchases recycled- content office products and other supplies. The City has a decentralized purchasing system and no policy has been established for preferable purchasing.

ROSEMEAD: The City continues to purchase recycled- content items.

SIERRA MADRE: The City maintains its Purchasing Policy.

SOUTH GATE: The City has a formal, written procurement policy on purchasing recycled-content products. The City's procurement officer is responsible for all procurement and the auditor monitors practices. In 2016, 54% of office supplies purchased by the City of South Gate through Office Depot were either refurbished, remanufactured or contained postconsumer recycled material. The City continues the battery collection and recycling program, as well as the lamp and mercury-containing device collection and recycling programs. The City of South Gate spent a total of \$119,644 on "green" purchases through Office Depot. In 2016, the City purchased a total of \$22,831 of "green" janitorial supplies. 50% of the

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total janitorial purchases in 2016 were classified as green.
 TORRANCE: The City's 2002 purchasing policy is in place. Many departmental efforts are in place: shop rags, all paper products made with recycled content, plastic lumber in parks equipment, recycled tire pathways in parks, roads resurfaced with recycled rubberized asphalt.

1040-SR-SCH (School Source Reduction Programs)

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

Jurisdiction Notes:

ARTESIA: Ware Disposal, ABC School district's waste hauler, has several recycling programs including paper recycling and states on their website their compliance with AB 939.
 BEVERLY HILLS: Waste from all schools in the City is processed at the Material Recovery Facility in Sun Valley, CA. Food Waste program is being implemented at the high school.
 HERMOSA BEACH: The City continues to work with the franchise hauler and Hermosa Beach City School District on developing source-reduction and waste prevention programs in the two schools. The School District and franchise hauler continue to develop a source-separated recycling program at the two schools including a food waste recycling program. Students currently source-separate paper, beverage cartons and organics in classrooms and the cafeteria. The school district continues to practice double-sided copying.
 LOS ANGELES:
 Sanitation
 LAUSD Program Educational Presentations: The City of Los Angeles no longer does education presentations. Republic Services took over the bulk of the recycling services for LAUSD, including education. 215 audits were conducted by LASAN.
 MANHATTAN BEACH: February 26, 2016, Manhattan Beach Unified School District was honored with one of five CA Green Ribbon School environmental awards for achievements in reducing its greenhouse gas emissions, energy consumption, and solid waste among other programs.
 PALOS VERDES ESTATES: The City provided PV Peninsula High School Library with Curiosity Quest DVDs to promote recycling education. School source reduction is also promoted by the Student Environmental Clubs. Schools within City limits contract independently for solid waste and recycling services. City Staff is currently working on receiving tonnage reports from their franchise hauler.
 POMONA: Some classrooms in the school district have their own recycling program provided by SGVCorps and have an Environmental Recycling Appreciation Program (E-Rap). They conduct workshops school-wide or with a "Green Team" of the school. Bins are delivered and picked up free of charge by SGVCorps.
 RANCHO PALOS VERDES: The City sponsored Earth Day assemblies, in conjunction with the hauler, at two schools in the City. In 2016, over 400 students attended the events. The City also promotes the Los Angeles County Department of Public Works environmental assemblies at schools.
 ROSEMEAD: Republic Services is the exclusive hauler of the school district. All schools currently have full recycling on campus. The hauler provides five annual \$1000 scholarships to college-bound students. The contest was intended to inspire students to tackle pressing issues regarding the conservation of our environments.
 SIERRA MADRE: Local school programs continue to thrive in Sierra Madre. The Nursery school continues to teach recycling and source reduction to the young children. Their events still use reusable items. Sierra Madre Elementary School received the recent San Gabriel Valley LARA awards, highlighting 4 specific teachers in addition to school-wide efforts. The Middle school received a program on environmental stewardship, and the attendees were very knowledgeable in sustainable practices.
 SOUTH GATE : All schools in South Gate are LAUSD; recycling for these schools is handled by LAUSD's hauler. The City encourages these schools to participate in recycling. In addition, Waste Management has provided recycling containers and services to charter and private schools. All schools in South Gate are participating in recycling. 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. There are 24 LAUSD schools in the City of South Gate.
 TORRANCE: A number of years ago, the school district switched to milk bags from milk cartons. Schools have internet systems and websites for principals and teachers to communicate with students and parents, online research, double-sided copying, and post bulletins online to parents. Middle and high schools switched to cardboard lunch trays, and elementary schools started a Styrofoam tray recycling program.

1050-SR-GOV (Government Source Reduction Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 718.72	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: The City has an Office Recycling Program. There are recycling bins in addition to trash bins.

BEVERLY HILLS: The City of Beverly Hills has two U.S. Postal Services offices in the City. All offices subscribe to a mixed waste collection program. All waste is processed at the Recology LA Material Recovery Facility in Sun Valley CA.

BRADBURY: The City continues to be environmentally conscious in its use within the office. The City uses ceramic eating utensils and recycles bottles and cans. The City double-sides all copies and uses old files as scratch paper. There are recycle bins located at every desk in City Hall.

DOWNEY: The City has implemented an Environmentally Preferable Procurement Policy which alerts City employees regarding purchasing reusable items. The City continues double-sided copying and encouraging staff to use reusable cups and plates. City purchases recyclable toner cartridges for all departments. When affordable, recycled-content office supplies are purchased. All City furniture, vehicles, tools, and e-waste are auctioned. City departments hold supply exchanges of office supplies.

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

HERMOSA BEACH: The City continues to mulch and grasscycle 47.39 acres of City Parks, ball fields and Green Belt. City departments continue to practice double-sided copying and returned 82 Hewlett Packard inkjet / toner cartridges to vendor to be remanufactured or recycled. The Public Works Department continues to reuse pallets, metal street signs, and posts.

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

LOS ANGELES:
Airports (LAX)
Lease Agreement: LAWA has a contractual obligation referred to in the lease agreements (5.6.2) LAWA Waste Reduction and Removal. The Concessions Managers (CM) shall comply (and shall require its concessionaire to comply) with current and future rules and regulations and together regulations promulgated by the City of Los Angeles regarding the reduction and recycling of trash and debris. Without limiting the generality of the foregoing, CM shall participate (and shall require it concessionaires to participate) in meeting the Airport's mandated goal of seventy percent (70%) waste diversion, by developing and implementing a program to remove as much recyclable material from the waste stream as possible (a "Recycling Program"). Any Recycling Program shall consist of a minimum mixed office paper and cardboard recycling, beverage container recycling in employee break areas and public areas if applicable, diversion through 2-sided copying, reuse of pallets, utilization of minimum thirty percent (30%) recycled-content copy paper and recycled- content paper goods. CM shall prepare and submit to City a written description of such Recycling Program with respect to the Premises (and each unit therein) as part of the Business and Operations Plan.

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

Harbor
Duplex Printing and Copying: Duplexing has become more standard and the duplexing rate has increased. In 2016, the Copy Center printed 4,597,180 images.

Non-Food Item Donations: In 2016, salvage numbers included office equipment, power tools, and concrete street light poles. The Public Affairs department also arranged another Goodwill Donation event. Port staff donated 60 bags in 2016.

Los Angeles Zoo
Source Reduction and Reuse Practices: Continue best practices such as office paper recycling, double-sided copying, use of shredded paper for animal bedding, purchase of EPP products, reuse of products for Education program crafts, use electronic communication instead of paper, shut off of equipment and lights when not in use, minimize use of disposable products.

Water Pressure: Continue maintenance of low water pressure valves for automatic sprinklers.

Computerized Landscape Water Management System: Continue maintenance and use of computerized landscape water management system to prevent overwatering and runoff, as well as adjust programming during inclement weather and as seasonal needs change. The Computerized Landscape Water Management System program is powered by a Maxicom/Rain Bird system to time and regulate irrigation using 30+ clocks covering watering needs of various vegetation zones Zoo-wide. LA Zoo Staff manages the system remotely by programming frequency and valve controls according to the basic needs of plants in each zone, controlled by a timer. During the hot months: 3 times per week; cool months: twice a week; and winter: once a week or less.

Alternative Fuel Vehicles: Continue to coordinate with GSD Fleet services on alternative fuel vehicles, utilize electric carts and bikes for transport within the Zoo. The Zoo has 3 hybrids cars, and a dozen 'golf cart' style or GEM vehicles for transporting staff and supplies to destinations throughout the 133 acre facility.

Recreation and Parks
Soil Re-Use: Program continues unchanged. Recreation and Parks strives to recycle and reuse clean soil generated from Park projects and construction whenever possible.

Greenwaste Grinding: Program continues to strive to recycle 100% of greenwaste. Recreation and Parks processes all greenwaste generated from tree care operations for use as mulch at the Griffith Park Co-Composting Facility.

Sanitation

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Other Donation: Activities/Promotion: Collected 487 lbs. of miscellaneous used items (greeting cards; eyeglasses and sunglasses; CDs/DVDs/VHS tapes/floppy diskettes; athletic shoes; office supplies) that were donated to nonprofits.
 CitiMAX Program: 6.48 tons of used office equipment, furniture and supplies were advertised on CitiMAX and exchanged (acquired by) other City departments. Note: The General Services Department's Salvage Division began listing items in its possession (of used office equipment, furniture and supplies) on CitiMAX.

Pen Recycling: Discontinued this program: TerraCycle no longer accepts pens, markers and highlighters. Items were offered to school teachers and arts organizations, but received only one request.

Water and Power

greenwaste Recovery Contract Language: 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.

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.

Food Waste Recovery Program: No food waste recovery program currently. No food is being prepared in cafeteria. Contracted vendors are bringing prepared food, and disposing of any food waste outside of LADWP facilities.

Office Materials and Scrap: The LADWP has an office material and scrap program that was previously carried out at the John Ferraro Building (JFB) however these materials are 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 stock pile and some are sent to the furniture bid roll-off; the materials are then sold and or recycled/reused. This Program is promoted via Recycling bids and/or advertised in Daily Journal.

Duplexing and Recycled Content Paper Products: Per GM bulletin April 13, 2007, proper paper product and recycling standard includes duplexing printing/copies of all documents two or more pages in length (duplexed). Reduce paper by sharing/routing copies or distributing electronic copies. Reuse division office materials and supplies or obtain items from the Reuse Store (store currently unavailable). Use small Post-it notes to transmit documents instead of full page cover sheets. Recycle all types of paper; white, computer, colored, newspaper, corrugated cardboard, file stock etc. Neon or Fluorescent paper shall not be used in any written documents. 30% post-consumer paper is used on all copies.

LYNWOOD: The City continues its waste reduction efforts.

MANHATTAN BEACH: City continues outreach promoting waste reduction. Pay As You Throw rate structure incentivize landfill waste reduction. The City's hauler had a composting bin demo and display at the City's Earth Day fair. Families listened to a quick 10 second demo, held worms, and were rewarded with a gummy worm candy. Bins were also sold as part of the city's discount composting bin program with the hauler. City's hauler provided giveaways at the City's Earth Day and Hometown Fair events for the Public Works environmental outreach booth. City hosted an environmental outreach booth at the Earth Day fair and Hometown fair (2 day event). An environmental quiz game which results in awarding community members with prizes made from recycled material was the focus. Outreach materials for the City's environmental programs were provided to the public.

PALOS VERDES ESTATES: The City encourages staff to reduce waste by reusing materials, purchasing recycled materials, as well as using reusable cups and utensils. City purchasing policies also consider recycled content products when purchasing supplies for City Hall. City Hall printers are set to double-sided copies.

POMONA: The City encourages staff to reduce waste by reusing materials, purchasing recycled materials, as well as using reusable cups and utensils. Double-sided copying is preferred.

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

REDONDO BEACH: Laser printers are set to print on both sides and the City Council agenda is doubled-sided. Employees were provided with refillable water bottles and reusable shopping bags to encourage the elimination of single use water bottles and bags.

ROSEMEAD: The City completed City Hall remodel and all desks have mixed recycling bins. All end of life City equipment is source separated and recycled.

SIERRA MADRE: The City follows its Environmental Purchasing Policy.

SOUTH GATE : The City has a policy to purchase reusable office supplies and they promote reuse among all employees. All City printers are defaulted for double-sided printing where possible and continues to practice the reuse of old paper for internal purposes. The City continues the practice of all employees having small receptacles for trash and large containers for recycling and providing recycling containers in all break and conference rooms. The City continues the program for recycling street lamps and recycling mercury containing devices generated by the Public Works department.

TORRANCE: The City employees regularly practice a number of source reduction activities: double-sided copying, use of ceramic mugs and metal utensils, increased use of email and e-memos, an internal exchange program and reuse of pallets has been going on for some time. Other activities are undertaken by staff as costs and increased efficiency prove beneficial.

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

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Jurisdiction Notes:

BRADBURY: The City has established a partnership with the San Gabriel Unity Center for item donations.
 DOWNEY: CalMet's customer service department and Public Works Staff encourage donation of reusable items before scheduling bulky item pickups. The City holds an annual exchange of supplies, office furniture, etc. in the finance conference room. There are several thrift shops currently located within city limits, Salvation Army, Goodwill and Assistants League, and Second Time Around.
 DUARTE: The City issues a maximum of two no-fee garage sale permits per address per year.
 HERMOSA BEACH: CalMax continues to be promoted during business technical assistance site-visits. Grocery stores continue to make donations to local and regional food banks. The City has several vintage, second-hand clothing and furniture stores. Residents continue to have garage/yard sales and are required to obtain a permit from the City for \$7.00 to conduct a garage /yard sale; there were 27 garage sale permits issued. A DARE Clothing collection bin and a World Books collection bin are located in the shopping mall next to the Vons Grocery Store. The Friends of the Library conduct year-round book sales and have ten scheduled Saturday Book Sale dates annually.
 LOS ANGELES:
 Sanitation
 L.A. SHARES: L.A. Shares continues to accept donations at two warehouses as well as accept donations online via the lottery system. In 2016, L.A. Shares received 689 donations totaling 500.59 tons.
 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.
 MANHATTAN BEACH: The 2016 reuse events included a shoe and Halloween costume drive. The shoe drive spanned 5 hosting locations including City Hall, 24 Hour Fitness, and 3 elementary schools. The Halloween costume drive spanned multiple locations including City Hall and multiple elementary schools.
 POMONA: The City has two thrift stores throughout the City (Veterans Thrift Store and 2nd Chance Variety & Thrift Store).
 RANCHO PALOS VERDES: The City promotes LACoMAX on its website and in its Business Recycling Program Resource Directory. The City recommends donation of usable items such as furniture in outreach flyers to businesses and multifamily complexes and also in the City's quarterly newsletters.
 REDONDO BEACH: Several thrift shops exist in the city where residents are able to sell or purchase pre-owned items. The City sends all of its old durable goods such as cars, furniture and appliances and parts out to auction.
 ROSEMEAD: The City held the Community Yard Sale and at the end of the event any items can be donated to Goodwill.
 SIERRA MADRE: The Woman's Club in Sierra Madre runs a non-profit thrift shop throughout the year, publicizing an average of 3 events per year of special events to increase participation. The City continues to sponsor a yearly Community Yard Sale, and unsold items are now donated to material exchange organizations.
 SOUTH GATE : The City encourages businesses and residents to use the CalMAX and LA County's LACoMAX exchange programs, and the freecycle program. Both libraries in the city collect used books.
 TORRANCE: Torrance promotes Freecycle, CalMAX and LACoMAX. The City has several Goodwill and Salvation Army drop-off sites. The City continues to promote Food Finders and the Habitat for Humanity Store location in Torrance. Many grocery stores and restaurants donate to food banks.

1070-SR-OTH (Other Source Reduction)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1200	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: See tonnage report per CR&R.
 LOS ANGELES:
 Airports (LAX)
 Other Source Reduction-LAWA: As noted previously in 1030, the LAWA-EPP Team has programs and strategies in place for source reduction. For example EPA DFE Green seal certified/Eco logo hand soap was purchased (7608 gal.).
 RANCHO PALOS VERDES: The City hands out recycled-content reusable bags, pens, etc. at events
 SIERRA MADRE: The City's Council and Commissions have now become accustomed to using laptops or pads to review agendas and reports. This material is now distributed electronically, except for about 2 or 3 persons who pick up printed material.
 SOUTH GATE : The City has contributed to additional energy saving projects throughout the city, including: conversion from high pressure sodium bulbs and incandescent flood light bulbs to LED at certain sections of the DWP right of way, South Gate Sports Center, South Gate Park Tennis Courts and South Gate Park Veterans Fountain. Just with the Veterans Fountain project alone, the City saved enough energy to power the new South Gate Park reader board located next to the Veterans Fountain.
 TORRANCE: Continuing reusable bag giveaways, some exchanges with plastic bags (through storm drain pollution outreach). City also promotes use of Food Forward to help distribute the overabundance of seasonal fruit trees or other crops in residents yards. They also work with bi-weekly our Farmer's Market and distribute some of their leftover materials.

2000-RC-CRB (Residential Curbside)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
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	Report Year Diversion Tons: 227822.81	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:
 Single-family residences | Multi-family residences | Commingled (Single-stream) | Mixed Waste Processing at MRF | Uncoated corrugated cardboard and paper bags | Office paper (white & colored ledger, computer paper, other office paper) | Metal | Plastic 1-2 | Plastic 3-7 | Newspaper | Miscellaneous paper (includes phone books, catalogs, magazines and other paper) | Glass | Film Plastic

Jurisdiction Notes:
ARTESIA: Hauler promotes curbside recycling in their own literature (mail, newsletter), through the City, and at community events. All 3,300 residential customers are sent a quarterly recycling newsletter.
BEVERLY HILLS: The City prescribes to a two-stream system. Recyclables and trash are collected together and source separated at Recology's Material Recovery Facility in Sun Valley CA. In March of 2015, Recology purchased Crown Disposal. Since the purchase, Diversion Recovery rate for mixed waste have been declining. Per the City of Beverly Hills Franchise Agreement with Recology LA, Recology is required to guarantee a minimum recovery rate 35% for mixed waste processing. The diversion rate for mixed waste and greenwaste combined was 32% in 2016. The City of Beverly Hills delivers all its residential material to Recology's MRF. The City depends on Recology LA to process the material delivered.
BRADBURY: Residents utilize 15, 60, 90 gallon recyclable cans, which are monitored by our hauler. Standard size is 60 gallon can. Also red tags are placed on contaminated resident barrels.
DOWNEY: New bins were distributed to residential households in 2016. Standard service 65 gallon trash cart, 96 recycle cart and 96 greenwaste cart. Residents could request 35 gallon trash carts. Tags are placed on contaminated residential recycle and greenwaste carts.
DUARTE: Standard Residential service includes 60 gallon recycle barrel. The Residential Recycling Participation Rate is at 99 %. Residential monitoring conducted by City's franchised hauler, Burrtec Waste. Red tags are placed on contaminated residential recycle and explain reasons why barrels were not dumped and ask customers to call Burrtec Customer Service Department. Also, since the roll out of AB 341, the City has provided recycling to 80% of all multifamily structures.
HERMOSA BEACH: Franchise hauler reports 2534 tons of commingled residential recycling and an additional 310 tons recovered from mixed waste processing. Materials source-separated and recovered through mixed waste processing include paper, cardboard, glass, plastics, and mixed metals. The franchise 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 corresponding 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 residents choose the 64 gallon bin. The commingled recycling bins are collected one time per week through an automated system. The franchise hauler mails a brochure quarterly to residential accounts with information on community events including document shredding, e-waste collection, composting workshops, compost giveaways, and the Christmas tree collection program. Residential recycling bins are taken to RockTenn Recycling Facility in Torrance, California for processing. The franchise hauler continues to mail Earth Wise Newsletter quarterly to all residential accounts. The franchise hauler uses CVG vehicles for the collection of residential recycling and waste bins.
HIDDEN HILLS: The City's exclusive franchise waste hauler provides recycling collection carts which are serviced via valet service. In 2016, 397.71 tons of recyclables were collected.
LOS ANGELES:
 Sanitation
Mattress Recycling Pilot Program: LASAN picks-up large or bulky household items, such as mattresses, couches, and other furniture from all residents serviced by the City of Los Angeles free of charge. Arrangements will need to be made at least one day before a regular collection day to ensure removal of items. Bulky items are collected on the day of regular trash collection day.
Multifamily - Blue Bin Recycling Program: LASAN is presently registering multifamily residential buildings (five units or more) for a free recycling program. Multifamily residential properties participating in the program will receive: free recycling service once per week; blue bins for storage of recyclables; and educational information for residents regarding what materials are accepted in the blue bins. In 2016 the MFRP serviced approximately 16,540 properties with approximately 393,000 units and diverted 13,850 tons from landfill. The MFRP staff and private haulers held four quarterly meetings to discuss issues/concerns and performed approximately 2,500 audits. The LA Franchise will take over the program in July 2017.
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.
LYNWOOD: In 2016, 4,037.66 tons were recycled through 2-cart mixed waste program.
MANHATTAN BEACH: Citywide automated residential curbside recycling impacts over 13,000 households. Materials are commingled in one blue recycling cart: plastic, glass, metal and paper. In 2016, 12,387 residential carts were at residential homes citywide. Of that count, 2,254 were 35 gallon, 9,320 were 64 gallon, and 813 were 96 gallon.
PALOS VERDES ESTATES: At this time, the City has a franchise hauler for residential curbside pick-up only. However, it is anticipated that City Official and staff will RFP for proposals to incorporate all areas of solid waste and recycling under one franchise hauler contract. At this time, with only residential curbside collection under a franchise agreement, it is challenging to obtain accurate tonnages from other program areas.
 City staff intends to initiate this RFP process after due diligence is done. Ideally the new franchise hauler agreement will be

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in place sometime in FY 17/18

POMONA: The City residential service includes a 96-gallon blue recycling container. The City hired two part-time employees to follow the residential trash trucks and go through the recycling containers to see how the residents are recycling. The employees either leave a tag saying "Great job" or "Good but can improve." New white tags are placed on contaminated residential recycling bins with an explanation on why the barrels were not emptied and provide educational material to residents.

RANCHO PALOS VERDES: Residential curbside collection of recyclables provided to all single and participating multifamily units. The City continues the variable rate cart system to encourage trash reduction. In 2016, 4,254.39 tons of recycling were collected from single-family and 1,712.13 tons were collected from multifamily accounts.

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

ROSEMEAD: Residential has a 3-cart system, and all recyclables are collected by Republic Services.

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

SOUTH GATE : A total of 3849.69 tons were recycled from a commingled curbside, automated program that is offered to 100% of residents, an increase of 267.84 tons from 2015. Recycling is mandatory in the City for residents. The City has a variable rate for trash service and recycling is free. The City monitors the effectiveness of all programs.

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

2010-RC-DRP (Residential Drop-Off)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 8.48	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: Local retailers collect ink cartridges, cell phones, and plastic bags.
 BRADBURY: The City advertises neighboring cities' drop-off centers.
 DOWNEY: All City buildings have recycling bins. Local grocery stores have buy-back centers. City host a shredding event and two prescription drug take back events. City promotes "Safe Drug Drop-Off" & SHARPSs Drop-Off at all LA County Sheriff's Station Locations. Residents are encouraged to take HHW to Los Angeles County (HHW) and e-waste collection events, Multifamily residents are able to drop off their Christmas trees at the City's maintenance yard; all other residents' trees are picked up by CalMet Services.
 DUARTE: All City buildings have recycling containers and recycling bins are provided at all City events. Local grocery stores have buy-back options. The City conducts two large item cleanup events per year that also offer SHARPS and e-waste collection in addition to paper shredding. They are promoted in the City newsletter, website, electronic sign, Twitter and through the hauler as well.
 HERMOSA BEACH: The City and franchise hauler continue to promote and sponsor free document shredding events, Household Hazardous Waste and E-Waste (HHWE) Collection events and Christmas tree recycling to City residents. Residents are encouraged to take HHWE to Los Angeles County S.A.F.E drop-off centers and HHWE roundup events.
 HIDDEN HILLS: The City's exclusive franchised waste hauler hosts a free bulky item pickup event once per year and this event is advertised in the City's monthly newsletter. In 2016, 1.92 tons of C&D debris, 2.06 tons metal, and e-waste items were dropped off by City residents.
 LOS ANGELES:
 Sanitation
 Residential Drop-Off: Residents can drop off recyclables at all Solid Waste yards.
 MANHATTAN BEACH: A 24-hour pharmaceutical drop-off box located in PD/FD lobby and accepts both controlled and uncontrolled substances. Residential battery drop-off locations at 5 city facilities: City Hall, PD/FD lobby, Public Works lobby, Joslyn Senior Center, Manhattan Heights Community Center
 PALOS VERDES ESTATES: Lunada Bay Hardware Store continues to accept latex paint free of charge and City Hall continues to accept e-waste from residents.
 POMONA: The City offers six community cleanup events each spring for each district. Flyers are mailed out to the residents to promote the events, and posted on the City website.
 RANCHO PALOS VERDES: The City provides information on drop-off centers in neighboring jurisdictions.
 REDONDO BEACH: Residents can take materials to City's Public Works Yard.
 ROSEMEAD: The City hosts the Civic Pride Day whereby residents and drop-off and recycle bulky items.
 SIERRA MADRE: The City continues to maintain its commingled recycling bin at the City Yard. This bin is available 24 hours a day, seven days a week for all residents and businesses that wish to recycle, and all materials approved for residential recycling are accepted. Collection is busier than usual around the holidays.
 SOUTH GATE : The City has five certified public recycling and drop-off centers which all accept CRV approved items. The City has also converted the DWP right of way to a green belt, along a one-mile area, and added trash receptacles for the first time. Waste Management has made it possible for residents to drop off unwanted items to their Transfer Station in the City; WM recovers as much material as possible from the materials delivered. In 2016, the Waste Management South Gate Transfer Station reported a total of 602 loads being delivered to their facility.
 TORRANCE: There are many drop-off options within the City. Many businesses also take different types of materials for recycling. A city ordinance restricting the number of drop-off containers allowed in the City and permit requirements should lead to a tracking mechanism for clothing donations eventually. Tonnage is an estimate from the Potential Industries MRF which supplies a recycling drop-off bin at their site for the public per our contract.

2020-RC-BYB (Residential Buy-Back)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 6116.91	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: Some stores in Artesia participate in a buy-back program.
 DOWNEY: The City has several privately owned buy-back centers, collecting CRV glass, aluminum and plastic.
 DUARTE: Continuing to promote buy-back effort at one center located within a mile of the City in the neighboring City of Monrovia.
 HERMOSA BEACH: CalRecycle reports 323 tons of aggregate diversion.
 LYNWOOD: There are 3 buy-back centers in the City. In 2016, 1,370.58 tons of aluminum, glass, and plastic were recycled.
 MANHATTAN BEACH: Community members who wish to redeem CRV containers are referred to either Trader Joe's (2 in MB) or Bristol Farms. These locations are designated redemption centers through CalRecycle (buy-back center required every 1.5 miles). City's hauler is required as part of the franchise agreement to assist in identifying producer responsibility business opportunities in the community.
 POMONA: The City has a few businesses that offer buy-back. Materials accepted are aluminum, cardboard, glass, plastics, newspapers, magazines and scrap metal, including stoves, refrigerators, washers and dryers, and all types of steel.
 RANCHO PALOS VERDES: City provides information on 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 2016 DOC Aggregate Volumes reports- Aluminum-48.29, Mixed 491.90, PETE-133.70, HDPE-18.83, Other Plastic 0.35 and Bi-Metal-0.25 tons collected from the Evolution Recycling #20 in the City.
 SOUTH GATE : There are five buy-back centers located in the City.
 TORRANCE: 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 promote through our website, brochures and other outreach activities, the data is collected from 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: 129258.57	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:

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

Jurisdiction Notes:

ARTESIA: There are 133 covered businesses, and 103 are not recycling. There are 35 covered multifamily complexes 35, and none are recycling. The City and hauler continue to promote the AB 341 mandate and tips for source reduction and recycling through brochures and service guides.
 BEVERLY HILLS: Recology Los Angeles is the exclusive franchise hauler for the City's Commercial sector and some Multi-family properties. All of the waste is collected together as mixed waste. The commercial front loader diversion recovery rate continued to decline. The recovery rate in 2016 was 21%. Commercial businesses subject to AB 341 was 492 accounts out of 589 accounts. All 492 accounts subscribe to a mixed waste collection, all of the waste is source separated at Recology's Material Recovery Facility in Sun Valley CA. All Multi-family properties collected by Recology and City's staff subscribed to mixed waste collection, and all waste is source separated at Recology's MRF in Sun Valley CA. The total number of multi-family properties subject to AB 341 in 2016 was 634 out of 1315.
 BRADBURY: The City of Bradbury does not have any businesses or multifamily dwellings located within the City limits. The commercial program referenced is based on the type of service used at large residential lots that are over five acres which are serviced with bins instead of barrels.
 DOWNEY: Downey has 580 businesses and 58 not recycling, and 678 multifamily dwellings with 251 not recycling. CalMet continues to assist the City with AB 341 articles, electronic media, information printed on all customer invoices. Recycling is free for all commercial accounts.
 DUARTE: With the onset of AB 341, Burrtec the City's licensed hauler continues to encourage commercial recycling through the creation of individualized programs for each site. There are 122 businesses subject to AB 341, and 76 are not recycling. There are 52 multifamily dwellings subject to AB 341, and 8 are not recycling.
 HERMOSA BEACH: Franchise hauler reports 5571 tons diversion from mixed waste processing (3922 tons commercial/industrial and 1649 tons multifamily) including paper, plastics, cardboard and mixed metals. The franchise hauler uses CVG vehicles for the collection of commercial recycling and waste bins.
 The City and franchise hauler has monitored the success of its MCR efforts as follows:
 1. Data Collection: The franchise hauler conducts data collection preparing monthly reports to the City with weights and volumes of commercial and multifamily solid waste collected and a characterization of solid waste generated, disposed, transformed, diverted or otherwise processed by account type.

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2. Route Monitoring: The franchise hauler monitors all multifamily and commercial routes ensuring the success of the commingled waste collection program in complying with AB 341 requirements. All commercial and multifamily accounts are in compliance with AB 341 through the franchise hauler's mixed waste processing system.

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 does currently 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 minimum waste which does get picked up by WM. In 2016, 423.53 tons of recyclables were collected from bin service, which includes residential bin service.

LOS ANGELES:

Airports (LAX)

--Implement Enhanced OCC Recovery Programs: Ongoing. Combined with all paper products LAWA/LAX Old Corrugated Cardboard Recovery Program provides airlines and tenants with 6-8-40 yard containers for cardboard, paper, beverage containers, wood, metal and in some cases limited e waste, free of charge. The program is now promoted at the station manager meetings for all LAWA tenants.

--Re-Use and Materials Recovery Depots: Ongoing. LAWA/LAX provides airlines and tenants with different type and size bins for recyclable goods, these bins are collected by LAWA staff and brought to maintenance yard to fill larger bins which are recycled by LASAN. The material collected includes metals, plastic, pallets, and some materials were sent to City Fibers (now LASAN).

--Film Plastics Recovery: LAWA provides tenants with different type and size bins for recyclable goods, these bins are collected by LAWA staff and brought to maintenance yard to fill larger bins which are recycle by LASAN. The plastic film is collected from the cargo facilities, placed in 40 yard bins and recycled through LASAN.

--Administrative and Terminal Source Separation Program: LAWA in-house collection of recyclable materials generated by LAWA and from common use recycling containers and bins in airport terminals and airfield areas. These recyclables are collected daily and include cardboard, high grade ledgers, magazines, mixed waste paper, and newspaper.

--Commingled source-separated container recycling: LAWA/LAX provides the airlines and tenants with different type and size bins for recyclable goods; these bins are collected by LAWA staff and brought to the maintenance yard to fill larger bins which are recycled by LASAN. The glass bottles and other glass are recycled through LASAN.

LA Sanitation:

Mandatory Commercial Recycling: The new recycLA Franchise System will provide recycling for all commercial and multifamily accounts.

LYNWOOD: The City's hauler, WRI, offers mixed material recycling service for commercial and multi family customers. In 2016, 3,930.52 tons were collected. As of Dec. 31, 2016, there were 880 commercial accounts. Of the 371 accounts (226 commercial and 145 MFD) in the City subject to the mandatory commercial recycling regulation, 6 businesses and 1 MFD contract for source-separated recyclables and none contract for source separated greenwaste, although all used mixed waste processing.

MANHATTAN BEACH: Collection frequency 5 times/week for the majority of businesses. Participation rate is 94.8%

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

POMONA: N/A

RANCHO PALOS VERDES: In 2016, three commercial haulers reported collecting 59.26 tons of recyclables. The City continued its efforts to ensure all eligible or applicable commercial haulers were in compliance with AB 341 requirements. The City continues to work with its haulers to monitor the status of each non compliant account. Information and flyers on MCR are posted on the City's and haulers' websites, flyers on AB 341 were distributed by haulers to commercial customers, the City promotes the "Clean Bay Restaurant Certification" program.

REDONDO BEACH: Businesses can obtain recycling services through Athens Services, the franchised hauler or through other third party recyclers. Recycling is free and compost collection is \$2.50 per cart/month. All businesses participate in a mixed waste sorting program to remove recyclables

ROSEMEAD: The City and Hauler has implemented a new committee called the "Quality of Life" program. The program is designed to work with different Social Service organizations to cleanup illegally dumped bulky items on the streets. All items are collected and recycled or disposed of. The City has 135 multifamily complexes all meet AB 341. The auditors delivered updated AB 341 tri-fold and found no management on the property.

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

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

TORRANCE: Hauler data for 2016 shows (unaudited data): 1,871 customers meet criteria; of those 1133 have recycling programs, which breaks down to 67% of the affected businesses and 42% of the affected multifamily complexes with programs. This is a moderate increase from the prior year's data.

2040-RC-SFH (Commercial Self-Haul)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 51506.43	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: In 2016, 16 businesses participated in third party recycling.
 BEVERLY HILLS: Businesses have the option to employ another entity outside of Recology LA 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 and drug stores continue to backhaul recyclable materials including pallets, organics, cardboard, office paper, and plastic totes/racks.
 LYNWOOD: In 2016, the City's hauler, WRI, conducted 47 site assessments to determine 3rd party and self-haul recycling activities by the business community. Of those, 13 businesses were determined to self-haul (1,848.96 tons) or use a third party (61.47 tons).
 MANHATTAN BEACH: Businesses can self-haul recyclables or sell them to outside vendors as long as no charge is given to seller.
 RANCHO PALOS VERDES: There was no commercial self-haul reported in 2016.
 ROSEMEAD: Regular waste audits are completed for new businesses in the City. Audits include collecting all self-haul and 3rd party practices. In 2016, 3rd party and self-haul totaled 8100 tons. There are 527 commercial accounts in the City. A total of 302 businesses has source separated recycling, 3rd party or self-haul.
 SOUTH GATE : Businesses can self-haul recyclables and there is extensive self-hauling in the City. Materials are varied and include cardboard, metals, plastics, C&D and paper. In 2016, Waste Management conducted an audit for Tweedy Mile, South Gate's main business corridor to share information about recycling and to find out what businesses are doing with their recyclables, including capturing 3rd party recyclers. Given that the 2016 tonnage is based on a 3rd party recycling audit that was conducted over 5 years ago, the City will be working on confirming the 3rd party recycling figures.

2050-RC-SCH (School Recycling Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 634.36	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: Waste Disposal has several recycling programs for the 10 schools serviced in the City.

BEVERLY HILLS: Franchise hauler, Recology Los Angeles, collects mixed waste for all schools in the City of Beverly Hills.

All of the mixed waste material collected from the schools is processed at Recology LA facility in Sun Valley CA.

BRADBURY: The City has only one school site within the jurisdiction; it is part of Duarte USD. Waste and recycling is collected by another hauler and sent to a MRF. There are yellow bins throughout the campus to collect CRV and lost and found clothes are donated for resale.

DOWNEY: Downey USD (13 schools) 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 two haulers Southland Disposal and Commercial to recycle at their nine facilities.

HERMOSA BEACH: Hermosa Beach City School District includes two elementary schools. Both schools' waste stream is currently being sent to the franchise hauler's Materials Recovery Facility (MRF) for mixed waste processing. Diversion tonnage is included in commercial /industrial diversion tonnage. Students and Grades of Green parent docents continue to source-separate organics, paper and beverage containers in the lunchroom. The City's school district and franchise hauler are in the process of developing source-separated recycling programs including food waste and 3Rs curriculum in the two schools with implementation scheduled for fall, 2016. Grades of Green, a school parents environmental group, continues to provide 3Rs and other environmental educational materials to the students. Grades of Green curriculum and educational outreach are focused on reducing the school's waste footprint, specifically how to reduce waste so it does not enter the ocean and using solar energy; the students received environmental PowerPoint presentations in their classrooms followed by an activity. Corporate Grades of Green provided a lesson on water filtration and all other environmental lessons were written by a Grades of Green volunteer. The school parent group also sponsors The Garden Club, parent docents operate the school community garden with students participating in its operation. The Environmental Defenders (LADPW) performed at a school assembly and the Marine Mammal Care Center made a presentation at a school assembly. The franchise hauler donated \$2000.00 to the Hermosa Beach Education Foundation.

HIDDEN HILLS: There is one elementary school (Round Meadow Elementary) in the City and they do have a recycling program. Total is reported to the district.

LOS ANGELES:

Sanitation

Los Angeles Unified School District (LAUSD) Curbside Recycling: 481 schools are enrolled in the program through LA Sanitation, and 1550 schools are enrolled in the program through Republic Services.

LYNWOOD: Lynwood USD's hauler provides recycling services.

MANHATTAN BEACH: The school's recycling tonnage is folded in with the Commercial recycling tonnage. Only the MBUSD greenwaste tonnage is reported separately by the hauler. City's hauler required to perform a minimum of 500 outreach activities to the schools in Manhattan Beach. In 2016, they performed 516. Activity logs are required and submitted to the City on a monthly basis. Details of school outreach listed in program 2030. Mira Costa High School began fundraising to pay for new common area refuse containers - a 3-stream unit (trash, recycling, food waste). Clean Cart Challenge performed again as part of contract with city's hauler: Mira Costa High School students perform a sample recycling audit of each route day and provide the "best recyclers" one month free refuse service (20 winners annually). City's hauler partnered with three schools in the district to host a Holiday Shoe Collection Drive. Pacific, Meadows, and Robinson Elementary School all did an incredible job promoting the drive and getting students/parents to participate. Waste Management collected over 20 large bags filled with gently used shoes, donating more than 250 shoes to the Salvation Army.

PALOS VERDES ESTATES: The PV Peninsula High School E Club (Environmental Club) collects recyclables through the campus and used proceeds to enhance school programs and campus. City is working with hauler to obtain accurate tonnages, however at this time tonnages are not available.

RANCHO PALOS VERDES: The City sponsored Earth Day assemblies in conjunction with Waste Management at two schools. In 2016, 400 students attended the events. The City notifies the schools and teachers of recycling workshops aimed at educators and grant opportunities. WM provides commingled recycling service at all public schools.

REDONDO BEACH: All 14 schools have recycling and composting programs. They periodically receive presentations from the LA County's Recycling/Pollution Prevention program called the Avengers.

ROSEMEAD: The hauler provides five annual \$1000 scholarships to college-bound students. The contest was intended to inspire students to tackle pressing issues regarding the conservation of our environments. All schools currently have recycling bins on campus.

SIERRA MADRE: There are two private schools in Sierra Madre that are doing an outstanding job promoting recycling. The two public schools are serviced by a different hauler. Staff has seen excellent tangible practices in the elementary school and recognized the efforts made by the entire school as well as specific teachers in its San Gabriel Valley LARA award event. The other public school is brand new and still transitioning a bit. Staff has only had one presentation to the new school and it is currently a bit tougher to gauge at this time.

SOUTH GATE : All schools in South Gate are LAUSD; recycling at these schools is handled by LAUSD's hauler. The City encourages these schools to participate in recycling. In addition, Waste Management has provided recycling containers and services to charter and private schools. All schools in South Gate are participating in recycling.

TORRANCE: Contracted hauler provides weekly recycling collection. Styrofoam lunch tray recycling program in place in elementary schools, all others using cardboard trays. Tonnage included in 2030.

2060-RC-GOV (Government Recycling Programs)

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 25294.02	Selected in SRRE: Yes
		Owned or Operated: Yes
<p>Jurisdiction Notes:</p> <p>ARTESIA: City document shredding and recycling provided by Southern California Shredding Inc.</p> <p>BEVERLY HILLS: All city facilities are covered by Recology Los Angeles. Prescribes to mixed waste collection; separated at Community Recycling, Resource & Recovery. Tonnage is reflected in the Commercial On-Site Program.</p> <p>BRADBURY: The Civic Center recycles all material it can and that is reflected in program 2030. The City also provides recycling bins at each employee desk and City vehicles are sent to auction annually. City recycles paint, batteries, wood, tires, toner, cartridges, and e-waste. City tree trimmings are recycled as required per the City's tree trimming contract.</p> <p>DUARTE: City Hall and City Yard both receive commercial onsite pickup for recyclable materials. Government recycling tonnages are included with commercial on-site pickup</p> <p>HERMOSA BEACH: The Public Works Department recycled 71.39 tons of C&D including asphalt and concrete reported in 4060-SP-CAR, 68.29 tons of greenwaste, 8.66 tons of mixed metal scrap reported in 4040-SP-SCM, 3.04 tons of automobile (20 lbs. per USEPA) and truck tires (75 lbs. per USEPA) reported in 4020-SP-TRS and 67 tons of wood scrap including pallets. 22 gallons of used oil and 44 oil filters were recycled, as special waste this diversion is not included 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 11 surplus vehicles including 7 sedans, 3 pickup trucks and 1 SUV; (4) three-wheel single seat Parking Enforcement Go-4 Interceptors and 1 fire engine, unable to quantify diversion tonnage at this time. The City recycles mixed paper, office/computer paper, sensitive document shredding, cardboard and CRV plastics, glass and aluminum through the franchise hauler's mixed waste processing. The diversion tonnages of these materials through mixed waste processing by the franchise hauler are combined with and included in the annual commercial sector diversion totals, unable to separate or quantify at this time.</p> <p>HIDDEN HILLS: The City recycles bottles, cans, batteries, printer ink cartridges, and paper. Total is included with program 2030-RC-OSP.</p> <p>LOS ANGELES: Harbor Administrative Office Recycling Program: The commingled single stream recycling program is ongoing and continues to be provided to Environmental, C&M Yard and HAB (Administrative Offices) and the Port of Police buildings. BOS Harbor Division continues to provide recycling services. Toner Cartridge Recycling: Toner cartridges from desktop printers, copy room, and engineering department plotters are collected and sent to Staples' recycling vendor. Los Angeles Zoo Zoo-wide recycling: Continue Zoo-wide recycling of paper, cardboard, bottles, and cans. Recyclables are collected by City Facilities Recycling and diversion tonnage is included in their data. Promote recycling off and on Zoo map. Spread conservation message in all aspects of life in Education messaging and on grounds interpretation. Utilize compostable products in food concessions. Sanitation City Facilities Recycling Program: The CFRP crew now provides blue bin service at 304 sites, a slight increase in number from 2015. Nearly all sites have regularly scheduled collection service. Toner Cartridge Recycling: City's remanufactured cartridge vendor collected approximately 10,000 empty cartridges weighing approximately 12000 lbs. Water and Power 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. Administrative Office Recycling Program: The LADWP has an Administrative Office Recycling program set in place. Bins are set up throughout facility for shredding of paper. Toner Cartridges: The LADWP has an empty toner cartridge program. The toner cartridges and related depleted imaging supplies are picked up by contracted part-time Imaging from DWP. LYNWOOD: All city facilities use the mixed waste processing provided by hauler. Totals included in 2030-RC-OSP. MANHATTAN BEACH: City staff performed multiple beach cleanups and City's hauler provided bins at the pier to capture waste and recycling. About 65 gallons of waste were collected at each of the 20 minute cleanups. The City also participated in a holiday shoe collection drive. Government recycling is merged with the commercial recycling tonnage. City has over 100 public commingled recycling containers in the public right of way. Desk-side recycling bins are distributed and available to all staff. Recycling occurs at all City sponsored events. The City's street sweeping vendor, Athens Services, composted 100% of the debris collected during the street sweeping process. Clean Cart Challenge performed again as part of contract with city's hauler: Mira Costa High School students perform a sample recycling audit of each route day and provide the "best recyclers" one month free refuse service (20 winners annually). City staff performed multiple beach clean ups and city's hauler provided bins at the Pier to capture waste and recycling. About 65 gallons of waste was collected at each of the 20 minute cleanups. City's hauler provided services and outreach at</p>		

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

10 City special events throughout the year.

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

POMONA: City Hall/City facilities received a weekly pickup of blue containers 13 tons, plus 9.17 tons record destruction. Mostly paper and other recycling products are in the containers. Also 486.46 tons of spoils were generated by City Crew maintaining Reservoir Sites. Street Crew called out on emergency when trees/limbs fall down then hauled to Grand Central.

RANCHO PALOS VERDES: The City continued its periodic evaluation of recycling programs at City Hall and City Parks. New recycling containers were purchased for use at scenic turnouts.

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

ROSEMEAD: No changes to the program. The hauler is invited to meet with City departments to promote the City diversion programs. The hauler attends City Council meeting to update on changes to State Mandates and programs.

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

SOUTH GATE : A total of 3314.04 tons were collected, Waste Management, collects recycling from all governmental offices and facilities. City offices all have a robust recycling program promoted by both the City and Waste Management. More than 50% of material generated is paper; the next largest commodity is cardboard. Materials also include cans, glass, and plastic. The City also recycled four city-owned vehicles, weighing a total of 1,200 tons, and all metal from the vehicles were repurposed.

TORRANCE: Full office program in place. Each cubicle has a desk-side recycling bin, trash and recyclables separately. Recycling at all communal areas, in kitchens, copy rooms, staff rooms, meeting rooms, and break rooms except organics. Collections also include electronics, toner cartridges, fluorescent bulbs, and batteries. Data is from the City contracted trimming 499 tons, capital projects

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

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

ARTESIA: Just Dump It (legally) Campaign for bulky items is held in conjunction with the LA County Hazardous/E-Waste Roundup.

BEVERLY HILLS: Christmas trees are collected after the holiday season and are processed along with the greenwaste for compost. Recology pre-screens the organics in Sun Valley, CA and then takes material to Lamont, CA for compost processing.

BRADBURY: The City and its hauler Burrtec participate in the LA County Sanitation District Annual Christmas Tree Recycling Program.

DOWNEY: CalMet continues to provide residential curbside collections of Christmas trees for two weeks following Christmas; after this City residents can drop off their Christmas trees at a roll-off bin serviced by CalMet at the City yard. The roll-off bin is available from the day after Christmas until end of January.

DUARTE: A total of 10.80 tons of Christmas trees were collected by City's franchise hauler, Burrtec Waste. Electronic waste, clean rock/dirt/gravel, metal, tires, and greenwaste is diverted for community wide cleanups (tonnage included in Special Waste Programs).

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

HIDDEN HILLS: In 2016, Christmas trees were collected along with residential greenwaste and is included in the total for program 3000-CM-RCG.

LOS ANGELES:

Sanitation

Christmas Tree Drop-Off Collection: LASAN collected 248 tons of Christmas trees during the 2016 holiday season.

LYNWOOD: In 2016, 23.67 tons of Christmas trees were collected for mulching/composting through curbside pickup for 2 weeks after Christmas.

MANHATTAN BEACH: Holiday tree recycling collection is performed from the collection day after Christmas for 3 consecutive collection weeks.

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

POMONA: City staff collects the Christmas trees curbside and then are delivered to a local landscape company for recycling. The City has a bulky item pickup for residents (6 free bulky items a year). The resident calls in and schedules the date on their normal trash pickup day.

RANCHO PALOS VERDES: 268.84 tons of bulky items collected (4,378 items). The City's hauler continues to collect Christmas Trees for recycling. The totals collected are included in greenwaste totals (3000-CM-RCG), and the balance is mulched or used as Alternative Daily Cover (ADC). The residential haulers promoted special holiday collections with billing inserts and flyers at public counters and parks.

REDONDO BEACH: The City provides a Christmas 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.

ROSEMead: The City and hauler continues to promote the Annual Book and Bike Recycling program, City Beautification and Public Works Days. All education materials are handled out. The City collected 25 tons of Christmas Trees.

SIERRA MADRE: The City continued its Christmas tree recycling program in 2016. The City also recycles park greenwaste associated with "Cleanup Days" that are sponsored by community organizations such as the Sierra Madre Little League and Sierra Madre Environmental Action Council.

SOUTH GATE : 39.71 tons in Christmas were collected in 2016. The City has Christmas tree and bulky item recycling and conducts significant public education related to both of these programs.

TORRANCE: Data from City Christmas tree collection totals 43 tons, brush removed by goats totals 18 tons and city facilities scrap metal totals 18 tons.

2080-RC-SPE (Special Collection Events)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 355.32	Selected in SRRE: Yes
		Owned or Operated: No

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

ARTESIA: The City has 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 Bi-Annual Cleanup.

BRADBURY: In partnership with Burrtec, the City hosts two clean-up days annually where residents can dispose of bulky items in three different locations. In 2016, the City of BRADBURY in Partnership with the City of Duarte hosted an Earth Day event which encourages recycling, composting, and native and drought-tolerant landscaping. The City utilized volunteers to plant drought-tolerant plants along City-owned medians.

DOWNEY: The City promoted one special Electronic Waste Recycle & Paper Shredding event sponsored by Downey Rotary Club and just a shredding event by the CalMet.

HERMOSA BEACH: The franchise hauler conducted two free document shredding events and an HHW and e-waste collection event in partnership with the City, each shredding event was for eight hours. The City also sponsored and promoted another shredding event and compost giveaway in conjunction with Earth Day. Heal the Bay sponsored two beach cleanup events - "Nothin But Sand Beach Cleanup" and "Coastal Cleanup Day;" The Surfrider Foundation and Hands Across the Sand conducted a beach cleanup event and Surfrider Foundation independently sponsored another beach cleanup event. The Surfrider Foundation also partnered with Grades of Green, a school environmental group, to sponsor a beach cleanup event. Xanadu also sponsored a beach cleanup event.

LOS ANGELES:

Airports (LAX)

Special Event Recycling-LAWA: LAWA or Tenant requests recycling containers for special functions, such as the yearly book fair at the Westchester Shopping Center.

Sanitation

Special Event Recycling-SAN: In 2016, LASAN serviced a total of 288 events for a total of 41 tons. Total of (31,857 lbs) of recyclables & (50,564 lbs) of trash.

LYNWOOD: In 2016, 2 bulky item collection events were conducted. A total of 11.55 tons were diverted from these events.

Regular bulky item pickups recycled 14.01 tons mattresses and 119.39 of other items.

MANHATTAN BEACH: Paper shredding event took place on the last Saturday of April, required as part of the hauler's franchise agreement.

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

POMONA: The City conducts six community clean-up events each spring (Valley Vista). The residents can bring bulky items, used oil and filters (41 filters collected), white goods, and e-waste. The Police Department also hosts a shredding event each year for residents.

RANCHO PALOS VERDES: In 2016, 0.834 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. 23 tons of paper were collected at 2 shredding events in 2016.

ROSEMEAD: In November the City hosted an e-waste and paper shredding event.

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

SOUTH GATE : The City held five community clean up events in 2016. The City of South Gate and The Peterson Group hosted a tire recycling event for residents, where 17.06 tons of tires/rims were collected. 4.95 tons of steel were recycled, 2.86 tons of tires were graded off for reuse, 3.63 tons of tires were processed to produce crumb rubber products for playgrounds/running and 5.62 tons of tires were processed and used for Civil Engineering and/or alternative energy applications. On April 23, 2016, the County of Los Angeles hosted a Household Hazardous Waste event at The City of South Gate. The following items were collected: 265 gallons of motor oil, 112 gallons of antifreeze, 2,827 gallons of paint, 860 pounds of dry cell batteries, 300 pounds of oil filters, 180 pounds of sharps, 2,041 gallons of miscellaneous hazardous waste materials, 19 car batteries, 16,225 pounds of CRT units and 14,350 pounds of miscellaneous electronic waste. 920 households were served at the event.

TORRANCE: Materials from Earth Day recycling collection event included: 11 tons of shredded paper, 18 tons of electronic waste, 3 tons of clothes/shoes, and 163 gallons of oil and 108 oil filters (last 2 items not included in tonnage).

2090-RC-OTH (Other Recycling)

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

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

HERMOSA BEACH: The City continues to auction surplus office equipment, furniture, and office supplies. In 2016 the City auctioned surplus vehicles including small vans, sedans, light trucks, and small SUVs; unable to quantify diversion tonnage at this time. Textiles, carpeting, tires, and pallets are recovered during franchise hauler's mixed waste processing; unable to quantify at this time.

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

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: 398927.9	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:

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

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

ARTESIA: All greenwaste is collected by the hauler.
 BEVERLY HILLS: Residential greenwaste is collected separately from mixed waste material by City's staff, and pre-screen separately from the mixed waste material at Recology's MRF in Sun Valley. The residential greenwaste is processed into compost at Recology's compost facility in Lamont CA.
 BRADBURY: The City continues to take greenwaste to Valley MRF and combined to use as compost.
 DOWNEY: CalMet provides 96 gallon greenwaste bins for all Downey residential families and for their multi unit families 4 or less units.
 DUARTE: Mid 2016 Duarte greenwaste is delivered to the Azusa MRF which delivers greenwaste to materials processors for compost and mulch.
 HERMOSA BEACH: Diversion tonnage is 363 tons. 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 recycling of yard trimmings only, including organic materials generated in landscapes or gardens. Food waste cannot be placed in the green bin at this time. The franchise hauler estimates a 10% participation rate in the residential curbside greenwaste program.
 HIDDEN HILLS: The City's franchise hauler collects greenwaste (carts) and manure (carts and bins) from residents throughout the City. In 2016, 1675.10 (carts) and 564.26 (bins) tons of greenwaste (including Christmas trees) and 242.23 tons of manure were collected. 10.27 tons C&D greenwaste were reported by the City's haulers. HHCA's contractor chips/grinds/composts about 19.66 tons per year.
 LOS ANGELES:
 Sanitation
 Curbside Collection of Yard Trimmings: A total of 314,771 tons of yard trimmings were collected in the green bins from over 750,000 households.
 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: In 2016, 2,005.99 tons of greenwaste was composted. Additionally, 1.88 tons of greenwaste were collected at the 2 bulky item cleanup events.
 MANHATTAN BEACH: Curbside greenwaste recycling is available to all residential and multifamily properties at no additional charge. In 2016, there were 12,069 residential greenwaste carts citywide. 1,984 were 35 gallon, 9,628 were 64 gallon, and 457 were 96 gallon.
 PALOS VERDES ESTATES: The City's franchise hauler collects greenwaste from residents throughout the City.
 POMONA: The greenwaste is collected in 96-gallon green containers and is taken to Pomona Valley Transfer Station. From there the material is taken to a recycling company in Riverside and is used for compost and the remainder is taken to a waste to energy facility.
 RANCHO PALOS VERDES: In 2016, the City's exclusive franchised hauler collected 10,445.21 tons of greenwaste (including Christmas trees and brush from 2 brush-clearing events).
 REDONDO BEACH: Athens Services provides a voluntary compost program collecting food, 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 a composting facility in Victorville, CA. The compost program has been mildly successful as far as we can determine. The tonnages remain similar to the levels before food and food soiled paper were allowed in the green container. Staff believes that the inability for the public to use regular plastic bags and the unlimited trash amounts for no extra cost reduces the participation. Additionally, many of the homes have very little yard space and don't require a yard trimmings cart. These customers don't believe that they have any use for a green cart and can't see the compost labels that are on top of the green cart showing that they can place food and food soiled paper into the green cart.
 ROSEMEAD: All greenwaste is processed through Ecology.
 SIERRA MADRE: Residents are provided with unlimited free greenwaste bins as part of their curbside service from our contract hauler. Residents are also advised that they each receive four bulky item pickups per year at no charge which are often used for greenwaste after windstorms. This material was collected as a special service by our franchise hauler and used as ADC in Scholl Canyon and other locations.
 SOUTH GATE: The City continues its residential self-hauler greenwaste program. Residents, gardeners, and landscapers are directed to take their waste to composting sites. In addition to the City's residential self-haul program, the City launched a Greenwaste Pilot Program for 397 residential accounts. All 397 customers were provided with a 96-gallon greenwaste container, provided by Waste Management. The Greenwaste Pilot Program was launched by Waste Management on February 20, 2017. Between the launch of the pilot program and May 15, 2017, Waste Management has collected a total of 54.22 tons of greenwaste.
 TORRANCE: Fully automated program, 64 and 96-gallon container option. No food waste is included yet, waiting on infrastructure.

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

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

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Jurisdiction Notes:

ARTESIA: Landscapers and gardeners haul their own greenwaste from the City.
 BEVERLY HILLS: Residents and landscapers are allowed to handle their greenwaste through self-haul. This material may end up at landfills as ADC.
 DOWNEY: Residential customers have the option to self-haul greenwaste and tree trimmings to local MRF/Transfer Station. CalMet will pick up bundled yard trimmings not to exceed four feet in length and two feet in diameter.
 DUARTE: Residents have the option to self-haul.
 LYNWOOD: Residents may self-haul greenwaste to local facilities.
 MANHATTAN BEACH: Residents may haul their own greenwaste if they choose, however residents prefer to utilize the free curbside greenwaste program offered through the City's hauler, Waste Management.
 PALOS VERDES ESTATES: Residential greenwaste is accepted at the Palos Verdes Recycling Center. Landscaping and Independent Gardeners self-haul greenwaste from residential customers. Tonnages from resident haul or landscaper haul would be combined with all greenwaste generated from PVE and virtually impossible to track.
 POMONA: Residents have the option to self-haul.
 RANCHO PALOS VERDES: Residents may haul their own greenwaste if they choose.
 ROSEMEAD: No changes to the program, little self-haul is taken to landfill for ADC.
 South Gate: The City has a residential self-hauler greenwaste program. Residents, gardeners and landscapers are directed to take their waste to composting sites.
 TORRANCE: Greenwaste self-haul is available, but no tracking in place.

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: 8140.38	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:

Green Waste | Food Waste | Food-Soiled Paper Waste

Jurisdiction Notes:

ARTESIA: Mini malls contract their own gardeners to pick up their greenwaste, so it is not captured. It is also promoted in the City and hauler's educational material.
 BRADBURY: The City has no commercial or multifamily dwellings. Bins are used by large estate owners (1, 2, 5+ acres).
 DOWNEY: CalMet collects greenwaste from commercial accounts that have such waste. Most commercial accounts landscapers collect their greenwaste.
 DUARTE: Burretec Waste Commercial Greenwaste Participation Rate 2016 AR: 11%. Mid-2016 Greenwaste was delivered to Azusa Waste Management MRF.
 LYNWOOD: The City's hauler, WRI, offers greenwaste service for its commercial and roll-off customers. In 2016, 10.89 tons were recovered from roll-off accounts.
 MANHATTAN BEACH: Onsite commercial greenwaste recycling is available to all businesses and commercial bin customers at a discounted rate. Tonnage includes MBUSD and greenwaste collected through the City's landscaper at the Public Works Yard.
 PALOS VERDES ESTATES: City is working together with franchise hauler and other non franchise haulers to determine accurate tonnages. As of now, there are no commercial greenwaste accounts for franchise hauler in PVE.
 POMONA: The City provides fact sheets on website for landscapers. Haulers reported 439.57 tons, and 1,454.15 tons of street sweeping service debris is recycled as mulch.
 RANCHO PALOS VERDES: City landscapers utilize greenwaste bins at the city yard. 4 of the City's commercial haulers reported collecting 614.86 tons of greenwaste and wood waste in 2016.
 REDONDO BEACH: Athens Services collects compostable food and food soiled paper from selected restaurants on the Pier and from the 14 schools. The program is available to all commercial customers for a small charge per 96-gallon cart. Additionally, they are composting the street sweeping debris.
 SIERRA MADRE: There was an uptick in commercially generated greenwaste in 2016.
 SOUTH GATE: The City does not have a substantial commercial greenwaste program. Currently, the program is only temporary roll-offs and because it is limited, it hasn't been tracked.
 TORRANCE: Tonnage from private haulers unaudited quarterly reports

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: 3376	Selected in SRRE: Yes
		Owned or Operated: No

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

ARTESIA: Gardeners are encouraged to divert greenwaste when they apply for business licenses. It is also promoted in the City and hauler's educational material.

DOWNEY: Multifamily 5 or more units and commercial accounts landscapers collect their greenwaste.

DUARTE: Voluntary self-haul will continue to be encouraged as a supplemental means of collecting greenwaste.

LYNWOOD: Landscapers continue to use local facilities for diversion activities.

MANHATTAN BEACH: Commercial businesses may self-haul greenwaste, but choose to utilize the services through Waste Management.

PALOS VERDES ESTATES: City is working together with franchise hauler and other non franchise haulers to determine accurate tonnages. Commercial greenwaste is accepted at the Palos Verdes Recycling Center. Landscaping and Independent Gardeners self-haul greenwaste from commercial customers and tracking of individual commercial greenwaste self-haul is not segregated from other accounts upon dumping.

POMONA: The City provides fact sheets on website for landscapers. Most residential landscapers will use the greenwaste bin provided at the residence or take greenwaste to local MRFs.

RANCHO PALOS VERDES: Landscapers may take greenwaste to local facilities.

ROSEMEAD: Most greenwaste is hauled by the gardeners or City contractor. The City tree maintenance contract allow only for the material to be recycled.

SOUTH GATE : Materials are taken to a greenwaste composting site. Gardeners and landscapers are responsible for hauling their own waste, since there is no drop-off site in the City. In 2016, the City of South Gate composted a total of 3,376 tons of greenwaste that was collected from removed trees across the City.

TORRANCE: Greenwaste recycling available at local transfer stations. No tracking in place.

3035-CM-COR (Commercial Organics Recycling)

Current Status: AI - Alternative and Implemented	Program Start Year: 2016	Existed before 1990: No
	Report Year Diversion Tons: 15456	Selected in SRRE: No
		Owned or Operated: No

Selected Program Details:

Source separated | Food Waste | Food-Soiled Paper Waste | Green Waste | Nonhazardous Wood Waste | Landscape and Pruning Waste

Jurisdiction Notes:

ARTESIA:

BEVERLY HILLS: Food Waste recycling is currently limited to commercial businesses. More than 95% of restaurants/food establishments participate in the food waste program. The food waste collected is processed for compost. Multifamily properties are instructed to bag and bundle all of their green and place it next to the mixed waste containers in the alleys, this material is collected separately. The City plans to purchase green waste containers for Multifamily properties that meets AB 1826 requirements next budget year. The green waste containers will be staged in the alley for landscapers to use when servicing multifamily properties that are subject to AB 1826.

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

DOWNEY: Porto's donates 25 boxes daily to food banks. Grocery Outlet donates food weekly. Ralph's and Food for Less take their food to their own food waste facility in Compton. Golden Corral has its own processing on-site

DUARTE:

HERMOSA BEACH: Grocery store chains located in the City including Vons and Trader Joe's continue to recycle organics including produce and meat scrap. These grocery stores also make food donations to local and regional charities and food banks. The Vons and Trader Joe's are in compliance with AB 1826.

HIDDEN HILLS: 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.

LOS ANGELES:

-Restaurant Food Waste Recycling: All permitted waste haulers have the opportunity to participate in the City's commercial food waste diversion program. 380 restaurants participated in the program in 2016.

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

Educational material is also available. Participation rate is 0.

MANHATTAN BEACH: City has both a citywide curbside residential and commercial food waste program since Sept. 2015.

There are 61 businesses participating in the commercial food waste program. The food waste program rate increase was built into the standard trash rate, so all parcels (residential and commercial) are paying for the service citywide regardless of participation. This was done to keep the cost low per home/business and to establish a "ready to go" program so community members didn't have to choose participation based on cost. Businesses/MFD have options of food waste bin, cart or yellow bag service. City's hauler utilizes an Industrial Use program, which converts food scraps (all types accepted) and the bags the food is placed into a centrifuge where it's converted to an Engineered BioSlurry, which is transported to WW Treatment Plant and placed in AD, converted to energy. Organics is collected in 32g or 64g carts and taken to our CORE facility for BioSlurry production once its ready is transported to LA-San District for anaerobic digestion process. Energy is created to power the plant.

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

POMONA:N/A

RANCHO PALOS VERDES: Key components include site assessment for each covered business and source-separated collection containers serviced at least once per week. Third party composting is also documented.

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

ROSEMead: The city-wide audit found 18 businesses have current food waste donation or shared programs. Only 1 strip mall subject to AB 1826.

SIERRA MADRE:

SOUTH GATE: In 2016, one of the ten customers who needed to comply with Assembly Bill 1826 had organic services. On June 13, 2017, the South Gate City Council approved Waste Management's commercial organic rates for 64-gallon carts.

According to Waste Management, all organics that are collected from the City of South Gate are taken to the Waste Management South Gate Transfer Station and are then taken to the Waste Management CORE facility located in Orange, CA. The CORE process uses food waste to create an organic slurry that can be used to generate renewable, green energy. The CORE partners with the LA County Sanitation at their water pollution control plant in Carson, CA, where the slurry is added to the plant's anaerobic digestion system to increase the production of biogas (methane) which is used to generate electricity. Every ton of food waste Waste Management recycles through the CORE process is equivalent to eliminating CO2 emissions from 30 cars.

TORRANCE: Some grocery stores do back hauling. Some large companies (Honda) are attempting to implement their own food waste recycling programs. Due to lack of local facilities, City currently promotes food donations and harvest collections. No tracking in place. Of 621 customers meeting the criteria, 110, or 18% have a program for organics, which is 22% of businesses and 8% of the multifamily units.

3040-CM-FWC (Food Waste Composting)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 9.74	Selected in SRRE: Yes
		Owned or Operated: Yes

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

ARTESIA: Artesia Christian Home has food waste collection through CR&R.

LOS ANGELES:

Sanitation

Residential Organic Collection: Residential In-Sink Food Waste Disposer: The pilot program will conduct outreach and education on the proper use of in-sink food waste disposers and how it can be used to divert food waste from the landfill. The participating residents will be given the opportunity to upgrade their existing in-sink food waste disposer as an incentive to participate in the program.

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 will also touch upon various ways to utilize food scraps, such as backyard composting and/or the use of household garbage disposer. In addition, the pilot program will offer these residents the ability to place food scraps into their existing green yard-trimmings bin. Residents will be provided a small kitchen pail to help promote separation of food scraps in the kitchen. The City will collect the commingled food scraps and yard trimmings on the regular collection day, and bring the material to a facility that can process the material for beneficial reuse.

Restaurant Food Waste Recycling: All permitted waste haulers have the opportunity to participate in the City's commercial food waste diversion program. 380 restaurants participated in the program in 2016.

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

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

TORRANCE: Some grocery stores do back hauling. Some large companies (Honda) are attempting to implement their own food waste

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

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.

REDONDO BEACH: All of the 14 public schools participate in the commercial compost collection program.

SIERRA MADRE: The Community Nursery School continues to be progressive leaders in this effort and teaches very young children (and their parents) simple and more advanced composting practices. The school did a fantastic job this year with the application and education regarding composting.

TORRANCE: School education programs on composting. Many have compost or vermi compost bins, often donated by the City. Nine 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: 23781.45	Selected in SRRE: Yes
		Owned or Operated: Yes

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

ARTESIA: The City has a community garden that uses compost. The City also held several composting workshops in 2016; the most successful of which was during the Go Green Event in September.

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

BRADBURY: Landscape trimmings are recycled at the Civic Center and recorded as greenwaste. Street sweeping material is recycled in Gardena.

DOWNEY: 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 onsite pickup. Mid-2016 greenwaste is delivered to Azusa Waste Management MRF.

LOS ANGELES:

Los Angeles Zoo

Yard/Landscape: Continue to plant drought resistant landscape plants when appropriate. Recycle yard and greenwaste at Griffith Park composting facility. Materials include leaf litter, manure, all size branches from trees, compostable food waste from animal care; basically all greenwaste produced at the Zoo. GPCF sells some & donates it to the Zoo for plantings, to other City Depts., & LAUSD. The Zoo also maintains a green roof at its LAIR exhibit.

Composting includes Animal Waste: Continued composting of animal manure at Griffith Park Composting Facility.

Materials include Zoo manure, hay and mixed chip park greenery. The compost is eventually sold to the public or given as a donation to the Zoo, other City Depts., & LAUSD.

Sanitation

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

City Departments Organics Collection: LA Sanitation will be implementing a food waste recycling program with the concessions in all terminals at LAX. The program will begin with a pilot in Terminals 7 and 8 in 2017. A fast-food restaurant, a coffee house, a sit-down restaurant, and airline VIP lounge were selected to be part of the pilot to represent the four different types of concessions within the airport. Preparation for the pilot took place in 2016..

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 co-generation plants to produce electricity. The other products are sent to community gardens, botanical gardens, homeowners, and utilized at City and County facilities and projects. The palm material is sent to farmers for dust mitigation and migrating sand control. None of the material produced at the chipping and grinding operation is composted. The Bureau has a website that promotes the free mulch, this is also promoted by word of mouth.

LYNWOOD: In 2016, 1,578 tons of street sweepings were taken to local MRF for diversion. In 2016, approx. 865 tons (1,975 trees) of tree trimmings were taken to chipped and delivered to nurseries, other cities, and CalTrans for their use.

MANHATTAN BEACH: The City's hauler led 5 composting classes which drew nearly 100 people, resulting in the sale of 9 worm bins and 4 compost bins. 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. Discounted composting bins and worms are available to City staff. The City's street sweeping contractor, Athens Services, composts 90% of the debris collected in the street sweeping process. The City website includes a Greenwaste and Backyard Composting page.

POMONA: The City's tree contractor, West Coast Arborist, mulches and chips and reuses wood waste.

RANCHO PALOS VERDES: The City's contractor mulches tree trimmings for use in medians, trails, and for erosion control. The hauler collects greenwaste from city brush clearing and daily operations [the total collected is included in 2080-RC-SPE and 3000-CM-RCG. In 2016, 203.69 tons of street sweepings were sent to a composting facility in Ontario. The prior contractor did not divert sweepings.

SIERRA MADRE: The City continues to support composting activities within the community garden. The garden is directly adjacent to the City Hall parking lot, so staff is able to monitor its activities. In 2016, the community garden remains very popular and the city was able to provide extra compost to the garden after compost giveaway events.

TORRANCE: Greenwaste from curbside collection, parks, tree trimmings and any other city activity is composted through our contracted transfer station. Trimmings for mulch are donated to public for free collection. Tonnage is under other codes.

3070-CM-OTH (Other Composting)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 250	Selected in SRRE: Yes
		Owned or Operated: Yes

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

BRADBURY: The City continues to attempt to partner with local nurseries. Most manure is delivered to Valley MRF facility where it is composted.

HIDDEN HILLS: Composting activities are reported under program 3000-CM-RCG.

LOS ANGELES:

Sanitation

Sale of Subsidized Home Composting Units: Residents can purchase subsidized compost bins at all of the composting events. In 2016, total number sold was 290 compost bins for \$20 each and 44 worm bins for \$5 each.

MANHATTAN BEACH: The City offers residents free, unlimited mulch at the Public Works Yard. Residents must bring own tools and bags.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 276086	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

LOS ANGELES:

Sanitation

Sludge Program: The City owns and operates two separate wastewater treatment systems. A total of 276,086 wet tons (WT) of biosolids were produced from January 1 to December 31, 2016 at HTP and TIWRP. 162,537 WT (58.9%) were used for agricultural land applications, 68,315 WT (24.7%) were used for composting and 45,234 WT (16.4%) for deep well injection at Terminal Island Renewable Energy (TIRE) project.

MANHATTAN BEACH: Through the City's commercial and residential food waste program, all materials collected are transported to Waste Management's CORE facility in Orange, CA to be converted to an Engineered BioSlurry. This sludge is then transported to the LACSD Wastewater Treatment 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: 644.57	Selected in SRRE: Yes
		Owned or Operated: No

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

ARTESIA: The citywide report found tires were recycled by Costco.

BEVERLY HILLS: Tires from city vehicles are recycled by a contractor. Any abandoned tires found in city are sent to Recology's MRF in Sun Valley CA.

BRADBURY: City residents have the ability to contact the waste hauler Burrtec for bulky item pickup. Tires are taken to recycling facilities.

DOWNEY: City advertises L.A. County Free Tire Recycling Events and supplies information to residents about where to take tires for recycling. City garage also recycles tires from city cars and equipment.

DUARTE: Tires are collected twice per year at community clean up events.

HERMOSA BEACH: The Public Works Department recycled 64 automobile tires at 20 lbs. each per USEPA and 64 truck tires at 75 lbs. each per USEPA totaling 3.04 tons diversion. Franchise hauler continues to recover tires during mixed waste processing, unable to quantify diversion tonnage at this time.

LOS ANGELES:

General Services

Tire Salvage: Designed to work in conjunction with GSD's tire retread program, GSD Salvage receives only those tires deemed unfit for retreading. Once at Salvage, the tires are sent out to a private contractor for appropriate handling and recycling. Total value of salvaged tires is \$20,677.90

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 \$1,107,236.26 retread tires.

Harbor

Tire Recycling Contract: POLA awards contracts with established environmental service companies to handle their hazardous and special wastes. These programs are highly active and monitored regularly.

Sanitation

Sanitation Tire Recycling: In 2016, LASAN collected and recycled a total of 18,353 tires of various sizes that include passenger tires, light truck tires, truck tires, and off-the road tires. Tires collected are transported to an approved tire recycling facility for processing. Processing may include a series of automated grinders and separation devices to reduce them in size and to remove wire and fiber in varying degrees, to produce rubber feedstock such as tire-derived aggregate, tire-derived fuel, ground and crumb rubber added to asphalt as slurry for street paving and repairs, and other beneficial reuse as approved by the City.

LYNWOOD: The City promotes tire recycling opportunities. In 2016, the City's hauler collected 2.12 tons from City operations. The City collects illegally dumped tires that are recycled and continues to promote area amnesty events.

MANHATTAN BEACH: The City's Fleet Division recycles its tires after their useful life.

POMONA: The City has vendor that collects tires 251 twice per month from residents monthly. The program is promoted four times a year in local newspaper, and flyers are available in City Hall, on website, and distributed at City events. Haulers reported 12.98 tons.

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

ROSEMEAD: The City has a comprehensive Tire recycling program in place.

SOUTH GATE: The City has tire diversion programs collecting tires from the City Yard and from City alleys and on city through ways. The City of South Gate and the Peterson Group hosted a tire recycling event for residents, where 12.11 tires were collected and recycled. The tonnage for the 12.11 tons of tires are accounted for on section 2080. In addition, Waste Management diverted 4.13 tons of tires that were collected.

TORRANCE: City using rubberized asphalt for street resurfacing projects. Various tire stores, automotive shops, and some gas stations all take in tires for recycling. City also uses retread tire on all but safety related vehicles. Tonnage is from the the retread tires used by the City. No other tracking in place.

4030-SP-WHG (White Goods)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1825.69	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

ARTESIA: Residential recycled 2.42 tons of white goods in 2016

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

BRADBURY: Items in working condition are directed to the Foothill Unity Center. Non-functioning items are recycled as e-waste.

DOWNEY: Hauler collects bulky waste 52 times per year up to five (5) items per pickup. Bulky items includes furniture, mattresses, box springs, carpet, or bundled yard trimmings (not to exceed four feet in length and two feet in diameter).

Multifamily customers can call in and have the items picked up for a small fee charged to a credit card.

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

HERMOSA BEACH: Franchise hauler continues to provide white goods collection to residents upon request, white goods collection is classified as 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.

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

LOS ANGELES:

Sanitation

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

Water and Power

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

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

MANHATTAN BEACH: The city's hauler 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 2016, almost 4% of bulky pickups were white goods.

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

POMONA: The City has a few businesses that offer buy-back. Materials accepted are stoves, refrigerators, washers and dryers. White goods are acceptable at the six community clean-up events each year and as a special bulky item pickup

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

ROSEMead: White goods are collected curbside in the bulky item program. The residents can request 15 bulky pickups a year. The City hosted a Beautification events in February and April whereby residents can drop-off bulky items including white goods.

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

SOUTH GATE: 30.6 tons of white goods were collected and recycled in 2016 from the City.

TORRANCE: City promotes Edison, Goodwill/Salvation Army, and Habitat for Humanity options, as well as online options like CalMAX and Freecycle. The City also has once per year large item collection for residents. 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: 2577.09	Selected in SRRE: Yes
		Owned or Operated: No

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

ARTESIA: The City recycles scrap metal through Hi Waste Disposal Co.
 BEVERLY HILLS: All scrap metal collected is by Recology LA. and the majority is processed by SA Recycling.
 BRADBURY: Scrap metal continues to be reported as part of the construction and demolition debris.
 DOWNEY: City Public Works Yard recycles metal. The City's Public Works Recycling division at the Public Works counter, provides locations for recycling.
 DUARTE: Collected as part of the C&D Program.
 HERMOSA BEACH: Scrap metal continues to be recovered by the franchise hauler during mixed waste processing of both residential and commercial waste streams. Franchise hauler continues to combine residential and commercial metal scrap diversion tonnage with all other recycled materials in annual diversion and disposal tonnage report. The Public Works Department recycled 8.66 tons of mixed metals.
 LOS ANGELES:
 Harbor
 Ferrous Metals Recovery Program: For 2016, the amount of metal recycled is 55.39 tons. Additional 260.93 tons reported from Construction and Demolition Waste Management reports (C&D Recycling Reports)
 Harbor Tenant Diversion
 Marina Engine Exchange Program: In 2016 there were no updates or significant changes to the program. Program will possibly expire the end of 2017.
 Recreation and Parks
 Metal-RAP: Program continues unchanged. Recreation and Parks strives to recycle scrap metal when practical.
 Water and Power
 Transformers: Out of service and/or obsolete electrical equipment (transformers, capacitors, switches, etc.) which will no longer be utilized by the Department are transported to various approved vendors for oil recycling and metal smelting.
 LYNWOOD: Metals are recycled from bulky item program. There are a few recycling facilities in nearby jurisdictions that accept metals for recycling. Total collected from bulky item program is included in program 2080-RC-SPE.
 MANHATTAN BEACH: Waste Management collects scrap metal from residential, commercial, school, and government locations as part of its commingled recycling or bulky item pickup program.
 POMONA: The City has local businesses that accept scrap metals. Scrap metals is also part of the bulky item pickup and then taken to a local business for recycling
 RANCHO PALOS VERDES: The City's Business Recycling Directory, which is on the City's website and at the Public Works counter, provides locations for recycling. One commercial hauler reported collecting 54.75 tons of metal in 2016.
 ROSEMEAD: Pending the results of the City wide audit
 SIERRA MADRE: The City of Sierra Madre maintains and enforces its C&D ordinance effectively.
 SOUTH GATE: Scrap metal is diverted at the MRF and South Gate Transfer Station. The City has scrap metal diversion programs through the franchise hauler Waste Management. Businesses additionally use private haulers to recycle their scrap metal. In 2016 Waste Management diverted 4.17 from landfill.
 TORRANCE: There are options available through private companies and some diversion is done at transfer stations. City yard tonnage is listed under Program 2070.

4050-SP-WDW (Wood Waste)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 2005.86	Selected in SRRE: Yes
		Owned or Operated: No

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

ARTESIA: The City mulches tree trimmings.
 BEVERLY HILLS: All wood waste is processed at Recology LA in Sun Valley, CA including C&D waste. WCA, the City's tree contractor, mulched and reused wood waste.
 DOWNEY: Bundles of wood are accepted in the residential bulky items program. City yards recycle wood.
 HIDDEN HILLS: There are four companies that collect C&D waste (wood waste is included) from construction projects and take to various facilities for recycling. The City Community Association's landscape maintenance contractor reuses wood chips and mulch for their landscaping. In 2016, 1052.91 tons of C&D debris were recycled. One other hauler did not respond to request for tonnage.
 LOS ANGELES:
 Harbor
 LAHD - Wood: Approximately 3.6 tons of usable pallets are picked up and recycled/reused in 2016. Additional 398.95 tons reported from Construction and Demolition Waste Management reports (C&D Recycling Reports).
 Water and Power
 Pallet Recycling: The LADWP reuses pallets, defective pallets are destroyed. Vendor pallets are resold; the sales are advertised in the Daily Journal and vendor contact. The pallets are sorted and stacked and taken to Investment Recovery by LADWP trucks.
 LYNWOOD: Large pieces of wood are accepted in the residential bulky item program and totals collected are included in the total for 2080-RC-SPE. Collection from City operations included in 3060-CM-GOV. A local C&D processor reported receiving 8.84 tons of wood from Lynwood sources.
 MANHATTAN BEACH: Program continues. Data included in program 3060
 PALOS VERDES ESTATES: There are a variety of haulers in the City that collect C&D waste, in which wood waste is included, from residential construction projects and take to various facilities for recycling. Tonnages are tracked by contractor as part of City's C&D Ordinance.
 POMONA: Haulers reported: Athens 19.77, Valley Vista 16.33 and Waste Management 14.82.
 RANCHO PALOS VERDES: The City's Business Recycling Directory, which is on the City's website and at the Public Works counter, provides locations for recycling.
 SIERRA MADRE: The City of Sierra Madre maintains and enforces its C&D ordinance effectively.
 SOUTH GATE: The City has C&D diversion program. All C&D loads are taken to Waste Management's C&D recycling facility.
 TORRANCE: Wood waste is separated at transfer stations from C&D debris and recycled. Some wood waste in mulch giveaway program. Wood is also recycled under the City's construction and demolition recycling program. Either there is no tracking in place or tonnage is under other code numbers.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1269849	Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details:

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

Jurisdiction Notes:

ARTESIA: C&D Diverted: 248.94.
 BEVERLY HILLS: All C&D, Concrete/Asphalt and Inert are processed and recycled at Recology LA in Sun Valley, CA.
 BRADBURY: The City partners with Burrtec and Green Halo to initiate this program. Materials collected from residential property development and construction. The City requires this as per State Law and compliance with the CALGreen Code. A Diversion Plan for each project must be approved and verified prior to the Certificate of Occupancy being issued.
 DOWNEY: The City's Building division continues to require a C&D application that meets CALGreen Code requirements to be submitted during the construction process. The permitting is not finalized until the contractor has provided a C&D Recycling report to the City's recycling coordinator. The City provides a list of businesses that accept C&D construction materials.
 DUARTE: The City's franchised waste hauler, Burrtec Waste, collected materials C&D materials from construction sites and community wide cleanups. Construction materials are taken to Downtown Diversion, Peck Road Gravel Pit, and Nu Way. Burrtec has a C & D informational brochure on the City page of the Burrtec website.
 HERMOSA BEACH: The City's Building Division continues to require a Construction and Demolition Reduction Plan that meets CALGreen Code requirements to be submitted during the building permit process. The permitting is not finalized until the contractor has provided a C & D Recycling Report to the City's Building Department. The City reports diversion of 3764.4 tons from this program resulting in an 79% recycling rate. The Public Works Department recycled 71.39 tons of C&D. The franchise hauler reports 951 tons of C&D diversion.
 HIDDEN HILLS: There are four companies that collect C&D waste from construction projects and take to various facilities for recycling. In 2016, 764.60 tons of inerts were recycled. One other hauler did not respond to request for tonnage.
 LOS ANGELES:
 Airports (LAX)

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

General Services

Construction and Demolition Debris Recycling: Implement program to source separate construction and demolition debris and/or direct commingled C&D to recycling transfer stations for all GSD remodeling and tenant improvements. 3151.29 tons of construction debris of which 2426.50 was recycled with debris vendor.

Harbor

Inerts-Harbor Department Program: The amount of grounded concrete stockpiled and reused on port property is estimated to be about the same as 2015, 37.50 tons. Additional 14,648.92 tons reported from Construction and Demolition Waste Management reports (C&D Recycling Reports)

Recreation and Parks

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

Sanitation

Construction and Demolition Debris Recycling Program: 312,887.63 tons of C&D were collected. 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 75% or higher recycling rate.

Street Services

Asphalt Programs-BOSS: The Bureau of Street Services (BSS) uses slurry sealing, this is a preservative application that inhibits oxidation of the oils from the pavement, deters cracking, prevents water seepage and extends the street good riding surface. The 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 bureau.

Asphalt Recycling: Asphalt recycling is part of BSS' annual resurfacing program. All streets are coldmilled 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.

Cyclean Fines Recovery: The Bureau of Street Services (BSS) recycles concrete debris generated from sidewalk, curb, and gutter demolition. The concrete debris are 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 contractor to purchase recycled concrete, all BSS street improvement projects utilize recycle base material.

LYNWOOD: The City's hauler, WRI, diverted 373.30 tons inerts and 248.42 tons mixed C&D debris in 2016. Other C&D processors reported diverting an additional 39.60 tons.

MANHATTAN BEACH: Scrap concrete and asphalt left over from City projects is collected by Waste Management in bins at the Public Works Yard (212.88). Construction & Demolition waste left over from City projects is collected by Waste Management in bins at the Public Works Yard (111.45). The City's Construction & Demolition recycling ordinance requires all demolition projects and all construction projects with a total valuation of \$100,000 or more to recycle a minimum of 65% of the construction site material. Deconstruction is encouraged and all reuse tonnages can be included as part of the contractors diversion goal. Steep fines are established in the Municipal Code for non compliance, and no Certificate of Occupancy is granted to a property without compliance.

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

POMONA: City tonnage is from water sites, streets and emergency call outs. The city has four non-exclusive franchise haulers. The City follows Calgreen regulations.

RANCHO PALOS VERDES: In 2016, 1,431.13 tons of asphalt, concrete, and mixed C&D waste was diverted at C&D recycling facilities from private and public projects. The City requires a C&D Debris Management Plan and 50% diversion of C&D materials in accordance with CAL Green Code requirements from specified projects.

REDONDO BEACH: The City has an ordinance that requires that the demolition permit for a structure must recycle 50 percent of the waste. To ensure compliance there is a \$3,000 deductible. In 2015 we incorrectly reported that 1,708 tons instead of 3,911 collected.

ROSEMEAD: The current City staff is working with management to create a standard C&D program and plan.

SIERRA MADRE: The City maintains and enforces its C&D ordinance effectively. There has been a noticeable rise in projects in Sierra Madre during 2016 so monitoring and enforcement has picked up.

SOUTH GATE: 149.05 tons were diverted through the City's hauler, Waste Management. The City has a C&D diversion program all materials are taken to our C&D facility. There is an ordinance that requires diversion. The program is promoted by the City at their Information Desk and on the website. A significant amount of materials is self-hauled.

TORRANCE: Tonnage is under other codes.

4090-SP-RND (Rendering)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1568.54	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 for animal control, and they in turn contract with D&D disposal. Dead/sick animals are removed.
 DUARTE: The City of Duarte continue to participate in the County of Los Angeles rendering program. Grease is current not diverted from local restaurants.
 HERMOSA BEACH: City businesses continue to render meat scrap, bone and grease, unable to quantify diversion tonnage at this time.
 HIDDEN HILLS: The City and Hidden Hills Horseman provide resources to residents regarding the proper disposal method for their deceased horses.
 LOS ANGELES:
 Airports (LAX)
 Grease Rendering: LAWA/LAX has a grease rendering program in place for cooking oil.
 Sanitation
 Dead Animal Collection: LASAN collects dead animal carcasses from streets, sidewalks, waterways, alleyways, parks, animal shelters, and single and multifamily homes throughout Los Angeles. LASAN delivers all collected carcasses to a private vendor where they are 100% recycled into fuel, fertilizer, and feed supplement for aquaculture. The City's contract with the vendor began in 2011 and recently expired on November of 2016 but was renewed for an additional three years ending in 2019.
 LYNWOOD: Businesses continue to contract with rendering companies to collect fats, oil, grease, and meat/bones from their operations.
 MANHATTAN BEACH: FOG program in effect and tracks fats, oils and grease management for all food service establishments.
 POMONA: The Humane Society has a dead animal program. The City has a Fats, Oils, and Grease Program for restaurants. The restaurants keep the records of their disposal and are presented upon inspection.
 RANCHO PALOS VERDES: LA County Department of Animal Care & Control handles the dead animal program. The City inspects restaurants and educates them about FOG as part of the Clean Bay Restaurant Program.
 ROSEMEAD: 3rd party audits estimated that 407 tons of bones, marrow and grease are diverted annually.
 SOUTH GATE: 3rd Party auditing found that the local restaurants recycled over 300 tons of grease and marrow.
 TORRANCE: Tonnage is an estimate from 2004 generation study data

4100-SP-OTH (Other Special Waste)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 6474.74	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

BEVERLY HILLS: SHARPS containers were made available to residents. E-waste collection events are held at farmer's market once a month. Residents seek medical disposal are referred to the West Hollywood Sheriff station drop box.

BRADBURY: SHARPS are now reported under HHW (9050) and Manure under Program 3070.

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

HERMOSA BEACH: The Public Works Department recycled 22 gallons of used oil and 44 oil filters. Classified as "Special Waste," this diversion tonnage is not included in Total Annual Diversion Tonnage.

LOS ANGELES:

Airports (LAX)

Pallet Recovery or Recycling: LAWA / LAX provides tenants with different type and size bins for recyclable goods. These bins are collected by LAWA staff and brought to maintenance yard to fill larger bins which are recycled by LASAN. Most pallets are collected in 40 yard bins placed throughout the airport at tenants' request and picked up as soon as the bin fills with pallets.

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. 10,680 lamps and 2,522 ballasts were collected for recycling.

Los Angeles Zoo

Computer Recycling: Salvaged/recycled 55 pieces of computer and audio visual related equipment. Tonnage is included under the citywide program.

Sanitation

Multifamily Bulky Item Pick-Up: LA Sanitation will pick up your large/bulky household items such as couches, televisions, refrigerators, doors, carpet, toilets, mattresses, electrical waste, and other furniture and items from residents residing in multifamily residential buildings (of five or more units) such as apartments.

Residential Bulky Item Pick-Up: Residents are encouraged to report illegal dumping or bulky items and request city services via the MY311 app available from the Apple store for any Android device. Abandoned waste collection and removal is now part of the expanded service provided by LASAN. Recycling is highly recommended.

MANHATTAN BEACH: The City continued its bulky item pickup program for residential and commercial sectors.

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

POMONA: The City continues to encourage residents to recycle home generated SHARPS waste, battery recycling, and used lamps recycling.

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 the annual HHW/E-Waste roundup. Other disposal options are presented on the City's website.

SOUTH GATE: Waste Management has collected and diverted 6.14 e-waste materials and 450 tons of bulky-items from the landfill. The County of Los Angeles also collected e-waste during the 2016 Earth Day Round-up event, the tonnage is accounted for in section 2080.

TORRANCE: Tonnage is from the City's (per ordinance) C&D recycling program (not including data from licensed haulers). Includes 1210 tons concrete, 1165 tons dirt, 780 tons inerts and 338 tons of mixed materials.

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

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

Jurisdiction Notes:

ARTESIA: City website, CR&R Website, digital marquee, and others have recycling messages.

BEVERLY HILLS: Recycling events and information is made available online City's website. The city website also has a link to CalRecycle, LARA, and Recology's website.

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

DOWNEY: The City continues to use the City website and City Monitor at City Hall to promote recycling, AB 341, and AB 1826 compliance, and printed material included the 800 CLEANUP. The City also uses Twitter and Facebook.

DUARTE: The City of Duarte franchise hauler, Burrtec Waste, conducted an update of its website, which now 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, and recycling information on their websites. The City continues to update its Green Webpage promoting environmental events

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and collections and has also 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 Earth Wise Newsletters quarterly on their websites. The City posted information on its e-waste recycling and shredding event on its website and on Facebook, the event was held in conjunction with Earth Day. The franchise hauler posts recycling, HHWE and Compost Giveaway events on Twitter. The West Basin Metropolitan Water District sponsored and promoted drought-tolerant landscaping workshops, the events were posted on the City's website. The City distributed "Bring Your Own Bag (BYOB) Sustainable Hermosa Beach" reusable nylon bags to promote the City's Plastic Bag Ban.

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

LYNWOOD: The City continues to provide information via Facebook. The City's exclusive hauler, WRI, provides recycling information on their website and social media outlets.

MANHATTAN BEACH: Waste Management, per their franchise agreement, created an online source exclusively for MB residents to refer to programs (manhattanbeach.wm.com). AB 341 & AB 1826 outreach is performed in recycling and food waste recycling pages. The City's website includes the following pages: donate used goods, document destruction, pharmaceutical recycling, battery recycling, SHARPS recycling, bulky item pickup, plastic bag and polystyrene ban, and reusable bag program, special holiday recycling guide, news updates on Day Without a Plastic Bag, etc. Also, City online newsletter for spring, summer, fall, winter, includes information on the City's Green Book, Drug Drop-Off Box, Earth Day Document Destruction, Public Works environmental quiz game, battery recycling, and carbon footprint reduction.

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

POMONA: The City continues to use the City website, Hauler website, and LARA's link to promote recycling, AB 341 compliance, and printed material includes the 800-CLEANUP. The City also uses Twitter and Facebook as a platform to provide information.

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

REDONDO BEACH: In 2016 the Recycling and Solid waste webpage was totally redesigned to educate consumers about the programs offered through the City's recycling programs. There is also a link to LARA and AB 341 as well as the South Bay Business Environment Coalition Awards event. The City provides education about recycling through quarterly City electronic newsletters.

ROSEMEAD: The City and hauler regularly updates their website to promote current recycling programs. All education is in English, Spanish, Vietnamese and Chinese. The City's website has a link that directs them to the haulers specific web page. City runs community events, recycling promotions on the Local Government Cable Channel.

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

SOUTH GATE: The City promotes diversion via the web, TV and internet. Waste Management has its own website that provides visitors with ample information regarding recycling, <http://recycleoftenrecycleright.com/>. In 2017, the City will provide information regarding AB 341 and AB 1826, linking visitors to the CalRecycle and LARA website. In addition, the City's hauler Waste Management is constructing a recycling website for the City which will embed into the City's site and contain information for both residents and businesses on recycling. The City conducts at least four annual mailings regarding recycling for residents and businesses. The City is aware of and promotes the 1 800 CLEANUP hotline.

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

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:

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ARTESIA: City Hauler provides residents and business owners with an annual brochure outlining AB 341, source reduction programs, community events, promoting 888 CleanLA programs, bulky programs, illegal dumping, donation programs, showing updated recycling items, shredding events, and reuse.

BEVERLY HILLS: The City distributes brochures on solid waste and two-stream recycling and flyers on special waste during public outreach events. News articles are printed occasionally. There is also a quarterly newsletter that goes out to residents with City's services information.

BRADBURY: Burrtec continues to insert quarterly newsletter with resident invoices. These newsletters advertise special collection events and services offered. The City also provides flyers and other materials at the City Hall Counter to further advertise HHW and special events.

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 recycle, etc.; recycling events and collection centers 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 2016. Commercial accounts received 2 newsletters which highlighted AB 341 and the current AB 1826 legislation. A Used Oil collection information flyer was mailed out to residents. Printed materials were also made available by Burrtec at the Movie Night event, the Taste of Duarte event, and the City's Annual Picnic.

HERMOSA BEACH: The Community Development Department continues to place County of Los Angeles S.A.F.E. brochures and AB 341 and AB 1826 flyers on the public counter. The City's solid waste consultant continues to distribute AB 939, AB 341, AB 1826, Reduce, Reuse, Recycle and waste prevention educational outreach materials as well as the City AB 1826 letter during business technical assistance site visits. The franchise hauler mails AB 341 brochures to all commercial accounts annually and the Earth Wise Newsletter quarterly to all residential and commercial accounts. The City and NexCycle, a CRV buy-back center, sponsor and distribute an annual environmental calendar, this year's calendar's theme was "Landscaping Lightly". The franchise hauler continues to insert informational flyers including AB 341 and AB 1826 brochures and recycling options in billings to all commercial accounts annually. The franchise hauler has a local office that provides printed information on recycling and waste hauling services to residential customers. The Community Development and Building Departments place County of Los Angeles Too Toxic To Trash HHW Roundup brochures and 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 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 newsletters and the City's cable channel. 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: Publication of Program Status and Results. Currently the outreach program is aimed at the tenants and employees. This program is promoted at the terminal station meetings, door to door, and by way of emails, with the main focus on organics recycling. LAWA partnered with LASAN for an Organics Recycling Pilot launched on Earth Day 2017.

Harbor

HD Employee and Tenant Education Program: Harbor HD Employee and Tenant Education Program: In 2016, two outreach events on proper disposal were conducted at Newmark's Yacht Centre (Wilmington) and Cabrillo Way Marina (San Pedro).

Sanitation

Community-Based Public Relations: LASAN serviced 288 events for a total of 41 tons. Total of (31,857 lbs) of recyclables and (50,564 lbs) of trash collected. LASAN uses Facebook and Twitter.

Employee Guide to Office Waste Prevention: Waste prevention has been addressed/promoted via Recycletter articles, quizzes, email blasts, etc., not a guide.

RecycLetter: Recycletter is sent out quarterly to all city employees to educate and promote recycling and waste prevention.

Water and Power

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

LYNWOOD: In 2016, recycling guides were delivered to all residential accounts two times. Additionally, all commercial accounts received printed information regarding AB 341 and AB 1826 compliance (once for AB 341 and twice for AB 1826). The City's Lynwood In Perspective included an article about AB 1826 in January.

MANHATTAN BEACH: The city's hauler is required to create and circulate a minimum of 12 outreach/educational pieces every year: quarterly notices to the commercial sector, quarterly notices to the residential sector, a semi-annual commercial brochure, and a semi annual residential brochure. In 2016, ad promoted Earth Day Paper Shredding and E-Waste Recycling event & the City's Earth Day event which promotes source reduction. Another ad ran 4 weeks in December with a QR Code directing community to the Winter Newsletter on the website Waste Management created for Manhattan Beach, provided tips/tricks for greening your home, At Your Door information, & how to participate in Residential Food Waste Program. At Your Door outreach piece, printed the size of a bill insert, was placed at city facilities and available at public fairs. 3 ads promoting free Composting Classes & discounted bin purchase. Commercial Services At-A-Glance bookmark - provides succinct summary of services available to commercial customers: recycling, food waste recycling, construction & demolition collection, Green Business Certification Program, etc. Located at all city facilities and available at public fairs. Residential Winter Newsletter provided in-depth information on AB 1826 participation, AB 341 participation,

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services available and a materials sorting guide by cart type. Commercial Service Guide provided in-depth information on food waste recycling, construction & demolition debris collection, etc. City staff placed several full page color ads promoting used oil recycling in the Beach Reporter, which is provided to every resident and business in town weekly.

PALOS VERDES ESTATES: The City's franchise hauler provides information via billing inserts and newsletters.

POMONA: The City franchise haulers promote the program through flyers, quarterly newsletters, and information on their website. The City also provides information on city website, flyers, brochures, and newsletters quarterly.

RANCHO PALOS VERDES: Articles published in the PV Peninsula newspaper, PV Seniors newsletter, and the City's Quarterly newsletter (sent to all City SF residents, multifamily residents, and businesses). Haulers sent letters or flyers to commercial customers. The City sent MCR and MORE fliers to 2,200 businesses and persons during the business license renewal process.

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

ROSEMEAD: The hauler creates a quarterly "Recycle Today" newsletter in English, Spanish, Vietnamese and Mandarin. The City creates a monthly "Green Sheet" of programs, community events and development. In 2016, the City promoted the City Beautification program in the Spring, Student Scholarships in Spring, Fall and Winter, Trash and Recycling tips in Spring, AB 1826 in Spring, Summer. Recycling Zone Winner (Residential) in Spring, Summer and Fall, Donation and Take back programs in Summer and Winter, Bulky Items pickup, Summer, Fall and Winter, Book and Bikes Donations in Summer and Fall, Gas to Energy programs in Summer and updates on all State laws and recycling. The auditors delivered updated AB 341 and 1826 education pieces to the businesses and multifamily complexes.

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

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

TORRANCE: The City utilizes and creates a variety of brochures and other printed materials on many aspects of recycling and waste reduction. These materials are distributed in a number of ways including utility bill inserts, business license renewal inserts, City newsletter articles and inserts, direct mail, door hangers, 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: 506.14	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:

ARTESIA: See Tonnage Report through CR&R.

BEVERLY HILLS: The City held Earth Day events, Public Works Week, National Safety Week, and National Education Week. Public Works presents a different showcase on recycling/environmental topics quarterly for direct interaction with residents at the weekly Farmer's Market.

BRADBURY: The City continues to reap the benefits of past events that were held in coordination with Monrovia and Cal-American Water. The City is currently planning further outreach events during the summer of this year.

DOWNEY: CalMet continues to insert twice a year a newsletter with resident invoices. These newsletters advertise special collection events and services offered. The City also provides flyers and other materials at the City Public Works counter to further advertise HHW and special events such as free mulch, shredding, rain barrels, special e-waste and dry cell battery collection.

DUARTE: The City conducts public outreach at approximately seven events, including an Earth Day event each year in addition to providing the schools with recycling informational materials courtesy of LARA. Burretec presented 1826 legislation information at a chamber event.

HERMOSA BEACH: The City's solid waste consultant continues to distribute AB 939, AB 341, AB 1826; Reduce, Reuse, Recycle; and waste prevention educational outreach materials as well as the City AB 1826 letter during business technical assistance site visits. The franchise hauler mails AB 341 and AB 1826 brochures to all commercial accounts annually and the Earth Wise Newsletter quarterly to all residential and commercial accounts. The franchise hauler made AB 341 and AB 1826 presentations to the City Council and Leadership Hermosa. The City and NexCycle, a CRV buy-back center, sponsor and distribute an annual environmental calendar, this year's calendar's theme was "Landscaping Lightly". The franchise hauler continues to insert informational flyers including AB 341 and AB 1826 brochures and recycling options in billings to all commercial and residential accounts annually. The franchise hauler has a local office that provides printed information on recycling and waste hauling services to residential customers. The Community Development and Building Departments place County of Los Angeles Too Toxic To Trash HHW 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, and The Metropolitan Water District of Southern California's bewaterwise.com. Tips for Waterwise Living brochures are available at public counters in City Hall. An article was placed in the Beach Reporter and the local newspaper promoting the West Basin Metropolitan Water District drought-tolerant landscaping workshop events. The franchise hauler continues to offer City customers and organizations

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tours of its recycling and other solid waste facilities upon request.

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

LOS ANGELES:

Airports (LAX)

Continued Program Enhancement: Outreach Programs regarding AB-1826 targeting LAWA tenants.

Tenant Recognition/Tenant Training Certification Course: Due to limited staffing LAWA had postponed some of the programs activities. LAWA intends to restore this program in the upcoming years.

Source Reduction Options Promotion: LAWA Environmental promotes EPP programs.

General Services

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

Harbor

Waste Reduction and Recycling Surveys: In 2016, surveys were conducted.

Review Lease Agreements, and Formulate Recycling Committee: Ongoing.

Harbor Tenant Diversion

Tenant Recognition: POLA Environmental Management Department (EMD) assists Los Angeles marinas with their certification through the Clean Marinas California Program. Marinas are businesses that manage boats, some which allow permanent residency. Marinas are re-certified every 5 years. 30 out of 128 marinas were re-certified in 2016 (<http://www.cleanmarina.org/thecleanlist.html>)

Fish Sludge - Tenant Program: Company can no longer sell fish parts that "are not fit for human consumption" to animal feed companies.

Scrap Metal -Tenant Program: POLA has a scrap metal and ferrous metal recycling program. Outreach is aimed primarily at businesses; however residents who live on their boat in the marinas also receive some of the outreach. The 17 tenants were contacted, 6 did not return call, 2 have gone out of business. 9 business responded, no significant changes or updates and amounts are similar to 2015.

Wood - Tenant Program: POLA has a wood material recycling program including wood products (blocking, railroad ties, etc.). Program outreach is aimed at businesses. The 17 tenants were contacted, 6 did not return call, 2 have gone out of business. 9 business responded, no significant changes or updates and amounts are similar to 2015.

Cardboard -Tenant Program: POLA has a "Cardboard Only" dumpster placed near the Ports O'Call restaurants. Outreach is aimed primarily at businesses; however residents who live on their boat in the marinas also receive some of the outreach. The 17 tenants were contacted, 6 did not return call, 2 have gone out of business. 9 business responded, no significant changes or updates and amounts are similar to 2015.

Office Paper -Tenant Program: POLA has a paper recycling program materials include white ledger, color ledger, mixed paper, magazines, etc. The program outreach is aimed primarily at businesses; however residents who live on their boat in the marinas also receive some of the outreach. The 17 tenants were contacted, 6 did not return call, 2 have gone out of business. 9 business responded, no significant changes or updates and amounts are similar to 2015.

Used Beverage Container -Tenant Program: POLA has a Used Beverage Container recycling program. CRV value is usually the program reported here by tenants, in some cases, tenants have mixed single stream recycling so they did not have CRV numbers to report. Outreach is aimed primarily at businesses; however residents who live on their boat in the marinas also receive some of the outreach. The 17 tenants were contacted, 6 did not return call, 2 have gone out of business. 9 business responded, no significant changes or updates and amounts are similar to 2015.

Toner Cartridge Recycling -Tenant Program: POLA has a Toner Cartridge Recycling program, businesses that practice Toner Cartridge recycling usually report that they either send back cartridges or return them to office supply stores. Outreach is aimed primarily at businesses, most office supply stores and toner cartridge companies advertise on their own as well. The 17 tenants were contacted, 6 did not return call, 2 have gone out of business. 9 business responded, no significant changes or updates and amounts are similar to 2015.

Office Furniture: POLA has an office furniture program, this program includes liquidation and diversion of office furniture and equipment. The program outreach is aimed primarily at businesses. The 17 tenants were contacted, 6 did not return call, 2 have gone out of business. 9 business responded, no significant changes or updates and amounts are similar to 2015. However, office furniture diversion was not asked due to time limitations.

Textiles: POLA has Textile reuse/recycling program, this program includes clothes donation, recycling of rags, uniform services, and other textile diversion activities. Outreach is aimed at businesses and residents, many times employees and residents participate. The 17 tenants were contacted, 6 did not return call, 2 have gone out of business. 9 businesses responded, no significant changes or updates and amounts are similar to 2015. 1 out of the 9 business reported amount oily rag diversion, 2.1 tons. The oily rags are picked up by Western Environmental.

Non-Food Item Donations - Tenant Program: POLA has a Non-food Item Donations program; this program includes e-waste donation/recycling as well as other non-food items. The 17 tenants were contacted, 6 did not return call, 2 have gone out of business. 9 business responded, no significant changes or updates and amounts are similar to 2015.

Tire Recycling - Tenant Program: The 17 tenants were contacted, 6 did not return call, 2 have gone out of business. 9 business responded, no significant changes or updates and amounts are similar to 2015. However, tire recycling was not asked due to time limitations.

Sanitation

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 with a total of 550 certified and of those 150 in 2016. The LA Green Lodging Program certifies lodging properties, total of 8 with 1 certified in 2016. The LA Green Arts Program certifies arts and

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cultural facilities with 22 total certified.
 Employee Education: MRF tour (June), Continue to update "comprehensive" recycling, reuse flyer (that also lists items that should be disposed as trash). EPP workshops: environmental product certifications (January); EPP basics (April); Fiber Sourcing (September), PEFC Certification.
 Recognition Awards Program for City Offices: This program was discontinued in 2013 but will be restored in 2017.
 National Buy Recycled Day Campaign: Did not participate/host in 2016
 Water and Power
 Conduct Department Facilities Waste Audit: The LADWP LEED facility waste audit was conducted during the 4th quarter of 2016.
 LYNWOOD: City promotes environmental programs through booths at community events and provides technical assistance when requested. In 2016, staff was at two events (cicLAvia and National Night Out) and provided information at the schools, public counter areas, and library.
 MANHATTAN BEACH: In June 2016, the Environmental Programs Manager was selected to make a presentation to the U.S. Surgeon General on the City's Breathe Free initiative and smoke-free campaign. The program was highly promoted by the Beach Cities Health District and Blue Zones Project as a successful healthy living initiative in the South Bay. On Feb 3, 2016, the American Lung Association announced that the City of Manhattan Beach achieved an "A" rating for its Overall Tobacco Control grade in the State of Tobacco Control 2016 report. This rating took into account quality of outdoor air, smoke-free housing, and reduction of tobacco product sales. CORE food waste facility and MRF tours performed for residents of Manhattan Beach. In March 2016, staff presented program findings on the smoke-free initiative as part of the Healthways/Blue Zones Project, and the City was recognized as a Blue Zones Community. In addition to annual participation of the City's environmental programs in Hometown Fair and the Earth Day Celebration at Polliwog Park, the City also staffed an environmental booth at several Farmer's Market events, hosted an Earth Day beach cleanup with the MB Library and Surfrider Foundation, and promoted the annual Solar Homes Tour.
 PALOS VERDES ESTATES: Annual Environmental Expo, Franchise hauler for school district has recycle bins at all City Schools.
 POMONA: The City participates in city events such as Beautification Day, National Night Out, Water Conservation Fairs, and other sponsored events when available in which outreach materials were distributed with regards to recycling, used oil, Stormwater, and HHW facilities. The City gives away recycling themed coloring books and crayons, reusable grocery bags, mini recycling bins, gardening gloves, SoilSavers, and rain barrels. The City encourages the franchise haulers to nominate customers for the San Gabriel Regional Awards. The City franchise haulers made direct contact with commercial and multifamily accounts to provide AB 341/MCR information and recycling options. Staff is available to make presentations to schools when requested.
 RANCHO PALOS VERDES: Educational Outreach includes flyers, letters, mailers, websites, one on one communication, newsletter articles, business waste assessments, City events, and outreach at Chamber of Commerce meetings. The City staffs an "Environmental Booth" at Whale of a Day and 4th of July events, in which outreach materials were distributed with regards to recycling, HHW, used oil, greenwaste, S.A.F.E. Center, NPDES, composting and e waste. The City gave away gardening gloves, recycling themed coloring books and crayons, reusable grocery bags, and mini recycling bins. The City encourages organizations to apply for the SEED Awards.
 REDONDO BEACH: The City participates in a few 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 an application describing their efforts at sustainability. The SBBEC selects the winners and runner ups and recognizes them at a local event each year in the Fall. It is a way to encourage folks to be more sustainable.
 ROSEMEAD: The City and hauler actively attend events to promote all recycling and educational programs. In 2016, City staff and hauler attended the National Night Out, Most Concerts in the Park, Chamber meetings currently all educational material is displayed at the Chamber office. Currently, there is a Republic Services customer service representative that assists residents with the Recycling Rewards program, Civic Pride Day (April 30th), Goats in the Cemetery, Annual Scholarship program at the schools and Council Chambers to present to the awardees, Public Works Day, Books & Bikes program, Community Yard Sale, Annual Casino Night and & Lunar New Years.
 SIERRA MADRE: The City continues to cross-promote environmental messaging at community events. However, there has been more interest in touring the hauler's material recovery facility and tours have occurred in 2017.
 SOUTH GATE: The City offers Business Waste Assessments through the franchise waste hauler, Waste Management. Information about residential and commercial recycling is distributed through presentations at local events including Earth Day and the Tweedy Street Fair, local organization as well as the City's Chamber of Commerce, billing inserts, brochures, flyers, news articles, the City's newsletter and website.
 TORRANCE: In the earlier years of the program, the City provided numerous workshops and conferences for business, residents, haulers, government officials as well as technical assistance and waste audits for businesses and participated in the WRAP and Waste Wise programs. The City continues its outreach through a wide variety of methods and materials. We have exhibit displays used for special events like the annual Public Works Open House, Environmental/Health Fairs, Farmer's Markets, Leadership conferences and Earth Day events. We provide materials and speakers for schools, Scout troops, HOAs and other community groups.

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

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		Owned or Operated: No
<p>Jurisdiction Notes: ARTESIA: Schools, along with their waste hauler WARE Disposal, claim to have several educational programs in place. BEVERLY HILLS: Educational material was distributed to K through 5th graders. BRADBURY: The City continues outreach efforts like Earth Day events (Apr 2016) and has DVD's available on topics such as recycling and waste diversion. 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, Mt. Olive and elementary schools. HERMOSA BEACH: The franchise hauler continues to work with the Hermosa Beach City School District, the City and the Grades to Green parent group in developing 3Rs curriculum for the schools. In 2016 Grades to Green promoted water conservation curriculum in the classrooms and in the school community garden. The Hermosa View Elementary School continues to develop a Butterfly Garden and Nature Habitat. The franchise hauler donated \$2000.00 to the Hermosa Beach Education Foundation. HIDDEN HILLS: The school continues to use the Curiosity Quest Go Green Series as part of its curriculum and staff is available to conduct workshops and assemblies, as needed. Waste Management staff is part of the Recycle Right monthly meetings at the Las Virgenes School District Office. As part of the Las Virgenes School District Round Meadow always has a representative at every meeting. Discussion include Recycle materials (AB 341), new Food Waste program (AB 1826) and greenwaste issues(AB 1826). Food Waste pilot programs will be started at each school in the district and Waste Management staff will be on hand to educate the school staff and help set up the equipment delivery. LYNWOOD: School outreach provided as requested. County's Environmental Defenders program conducted assemblies at four elementary schools (Lugo, Abbott, Lindbergh, Mark Twain) and reached a total of 2,245 students. In total, there are 12 elementary schools, 3 middle schools, 3 high schools, and 1 private school in Lynwood. MANHATTAN BEACH: City's hauler required to perform a minimum of 500 outreach to the schools in Manhattan Beach. In 2016, they performed 516. Activity logs are required and submitted to the City on a monthly basis. Hauler sent 3 letters in MBUSD offering recycling services and outreach (Back to School, Winter Break, Fall Semester). These letters serve as a reminder to District staff to plan ahead for "cleanouts." Per contract reuse lunch kits are distributed to every 1st grader in district (412 Go Green Lunch Boxes distributed in 2016). Waste Management keychain included with each box. Recycling Assembly/Clean Cart Challenge at Mira Costa High School, discussing recycling do's and don'ts and obtain volunteers for Clean Cart Challenge. Facility tours of CORE food waste recycling facility and MRF (recycling) provided to Grades of Green who Waste Management works with to teach recycling in the schools. City's hauler provided services and outreach at 12 school special events throughout the year. PALOS VERDES ESTATES: The City continues to provide solid waste management information through the City website and the City newsletter. The City's franchise hauler also provides information via billing inserts and newsletters. POMONA: The school district provides 20 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 City also coordinates with the schools' hauler, Waste Management, for Earth Day and/or America Recycles Day events. ROSEMEAD: The haulers hosted regular assemblies to the schools. The hauler provides five annual \$1000 scholarships to college-bound students. The contest was intended to inspire students to tackle and valve pressing issues regarding the conservation of our environments. SIERRA MADRE: Staff conducted programs for the two local public schools and one summer school event in 2016. SOUTH GATE: As the schools are through LAUSD and have their own programs relative to recycling, detailed information about school based programs are unknown to the City, with the exception of charter and private schools that Waste Management services. For those schools, Waste Management has conducted educational events and donated recycling containers and services. TORRANCE: Four months in schools doing classroom presentations on HHW for 4th grades, worm composting for 2nd grades and curbside recycling for 1st grades. 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. Nine schools have been through the Grades of Green Trash Free Lunch Challenge. Donate outreach materials, recycling bins and other equipment to local schools on request.</p>		
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

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Jurisdiction Notes:

ARTESIA: Street banners posted on light posts. All public education is created in 2 languages: English and Spanish.
 DOWNEY: At each of the City's one hour monthly cleanup litter events the City provides table recycling information (HHW events, SHARPS locations, paint drop-off sites, certified used oil centers, and buy-back centers for beverage containers and cans.

LOS ANGELES:

Sanitation

Plastic Bag Ban Outreach: Reusable bags are distributed at public outreach events.

Los Angeles Environmental Learning Center: In 2016, the Los Angeles Environmental Learning Center at Hyperion received 19,286 visitors.

Water and Power

Recycling Coordinator: The Recycling Coordinator is responsible for preparation of AB 939 report and expansion of the blue bin recycling program. Types of recycling promoted are glass, paper, and aluminum. This program targets current LADWP employees.

MANHATTAN BEACH: Facility tour of CORE food waste facility and MRF (recycling) given to Manhattan Beach Girl Scout Troop. City of Manhattan Beach Analyst (Anna Luke-Jones) in charge of solid waste attends used oil recycling and California Resource and Recovery conference (CRRRA), state training webinars, etc. Waste Management provides workshops for residents and commercial businesses on recycling, composting, and waste reduction. Waste Management representative attends school assemblies, city council meetings, events, chamber mixers, etc. to provide information on waste reduction training. Environmental Programs Manager (Sona Coffee) 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.

ROSEMEAD: The Chamber of Commerce creates a Rosemead Report newsletter and promotes all community events.

SOUTH GATE: Both the City and Waste Management staff are active members in local service organizations including 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

Jurisdiction Notes:

DOWNEY: The City promotes the County's single use plastic bag ban by handing out reusable bags and recyclable water bottles at events.

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

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

PALOS VERDES ESTATES: None for this year.

RANCHO PALOS VERDES: The City promotes the County's single use plastic bag ban by handing out reusable grocery bags at events and conducted outreach regarding the statewide ban that went into effect November 2016.

SOUTH GATE: Waste Management staff remove white goods at the South Gate Transfer Station to ensure that white goods do not end up at the landfill. C&D material is banned from Waste Management landfills.

6010-PI-EIN (Economic Incentives)

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

Selected Program Details:

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

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Jurisdiction Notes:

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

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

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

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

HERMOSA BEACH: Residential accounts are offered a variable can rate with the choice of 20, 35, 64 or 96 gallon waste bins with corresponding reduced rates for each bin size. Residents receive a recycling bin of corresponding size to the chosen waste bins. Commercial accounts are offered 2, 3 and 6 cubic yard waste bins with corresponding reduced rates for each bin size.

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

LOS ANGELES:

Sanitation

Recycling Market Development Zone: The City of Los Angeles's Zone Administrators represented the RMDZ at 13 small business or environmental events. They also had contact with 6 past and/or potential businesses regarding the RMDZ Loan Program.

LYNWOOD: Although there is mixed waste processing, source-separated commercial recycling is offered at half the rate of equivalent trash service. Residents have a 2-cart system for trash/recycling and greenwaste. For more than 2 trash/recycling carts, the monthly rate increases. Additional greenwaste carts are free.

MANHATTAN BEACH: City has Pay as You Throw (a.k.a. Tiered Rates) for all single family residential customers. Carts are available in 35, 64 and 96 gallons. There is an extra charge for each additional trash cart. Recycling and greenwaste collection have no additional charge. Commercial carts and bins are all tiered rates as well. 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.

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

RANCHO PALOS VERDES: The City offers variable rates on refuse collection containers for residents and offers commercial haulers credit on AB 939 fees for recycling. The City awards residents who recycle and/or separate greenwaste -\$250 to two residents twice a month. A total of 48 awards are given out each year.

ROSEMead: The City Recycling Rewards Project is still very popular. The residents are excited the quarterly incentive of their recycling efforts. There is a Republic Service staff posted in the Chamber or Commerce that assists the residents with the program.

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

SOUTH GATE: The City does have a variable can rate and a commercial per bin rate but does not have a "pay as you throw" program. The residential recycling program costs are built into the residential rate and the commercial recycling cost is generally 50% less than the MSW rate to incentivize recycling. Not only does Waste Management conduct customized waste audits to provide customers with the correct level of service, but they also have a program set in place to capture the number of customers who need to re-adjust their services.

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

6020-PI-ORD (Ordinances)

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

Selected Program Details:

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

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Jurisdiction Notes:

ARTESIA: The City has a Water Conservation Ordinance (Chapter 5 18, also Article 2, Chapter 6-2) and a C&D Ordinance in place.

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

BRADBURY: The City continues to enforce Ordinance No. 337 to encourage water conservation.

DOWNEY: City has an anti-scavenging Ordinance in place. The City implemented C&D ordinance in February 2007 and the Water Conservation Regulations & Restrictions Ordinance June 2015

DUARTE: City adopted and implemented C&D Ordinance in June 2004 which places specific diversion requirements on major demolition and construction projects in the City.

HERMOSA BEACH: The City has a C&D Waste Reduction Policy, an AB 341/ MCR Policy and a Recycled Products Procurement Policy. The City implemented a Plastic Bag Ban Ordinance April 1, 2016 and distributed reusable nylon bags imprinted with "Bring Your Own Bag (BYOB) - Sustainable Hermosa Beach" in conjunction with the day the Plastic Bag Ban Ordinance went into effect. The City has also adopted a Polystyrene Food Service Container Ban.

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

LOS ANGELES:

General Services

Lease Agreements: In an effort to ensure City employees have access to a workplace recycling program even in leased facilities, GSD Real Estate Services requires that all leases include boilerplate clauses that require recycling opportunities.

If pickup service is required by the City recycling crew, CFRP will make arrangements directly with the building management. However, building owners may choose to provide recycling services through private contractors and claim diversion for their own records. Two (2) leases were executed in calendar year 2016; 1 lease had a provision for recycling.

Sanitation

Fats, Oil & Grease Program (FOG): Grease Interceptors and Grease Traps continue to divert grease waste from solid waste streams. 5,146.00 tons.

Single Use Bag Ban: Program completed. Enforcement and compliance ongoing.

Water and Power

Modification of Agreements with Private Contracts: LADWP follows the purchasing policies detailed in the Los Angeles City Charter and Administrative code. Other than the use of purchasing cards, Supply Chain Services is responsible for procurement processing. To monitor the procurement practices LADWP utilizes a request to award system that manages procurement activities including the request, bid/solicitation, evaluation, and the award. There is an automated workflow at each of these steps requiring oversight and approval by those in the workflow. This system also has built in workflows for specific types of procurement such as services (risk management and labor relation are in the workflow), or sole source (GM approval required). In addition, there are controls on the dollar threshold of a procurement activity where the document will workflow to the proper approval authority delegated by the GM's office.

LYNWOOD: The City currently has C&D, procurement, anti-scavenging, and illegal dumping ordinances and continues to evaluate the need for new or expanded ordinances. C&D will be revised in 2017 to meet 2016 CALGreen standards.

MANHATTAN BEACH: No new ordinances.

POMONA: The City has a Construction and Demolition Ordinance No. 3987 that requires that at least 50% of all the material generated during construction/demolition project be diverted from the landfill. Building and Safety administers the program. The City has adopted CalGreen Building Codes, LID Ordinance and Green Street Policy.

RANCHO PALOS VERDES: In 2016, the City continued informing contractors on the subject of new CALGreen standards.

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

ROSEMEAD: No new ordinances to report.

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

SOUTH GATE: The City has recently strengthened their ordinance prohibiting illegal dumping in the City. The City continues to have a very strong illegal hauling ordinance and is exploring additional ways to strengthen the City's C&D ordinance and programs.

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. This year we added 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 new ordinance, our 3 unit complexes are included, as that was the intent of the law.

6030-PI-OTH (Other Policy Incentive)

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

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Jurisdiction Notes:

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

LOS ANGELES:

Sanitation

Private Hauler Franchise Initiative: The contracts for the Commercial and Multifamily Solid Waste Hauling Exclusive Franchise were approved by the Board of Public Works in September 2016, approved by City Council in December 2016, and finalized on January 31, 2017. The transition of currently known accounts to the Exclusive Franchise System will occur from July through December 2017.

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

7000-FR-MRF (MRF)

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

Jurisdiction Notes:

ARTESIA: CR&R Intermediate Processing Center- Western Avenue, Southeast Refuse Recovery Facility

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

BRADBURY: For 2016, no waste from the City was taken to a MRF.

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

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

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

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

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

POMONA: Material Recovery reported by hauler: Athens 591.14 tons, Valley Vista 14,834.48 tons

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

ROSEMEAD: All City material continues to be processed at the CVT MRF in Anaheim. To meet the City's diversion efforts different sections of the residential waste is MRF daily.

SIERRA MADRE: The City continues the use of Athens' MRF for its multifamily and commercial waste streams. In 2016, the mixed waste processing was extended in the Canyon section of the town 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: City in current contract with Potential Industries for MRF services. No facilities within City.

7010-FR-LAN (Landfill)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 4334.02	Selected in SRRE: Yes
		Owned or Operated: No

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Jurisdiction Notes:

ARTESIA: Savage Canyon Landfill, Frank R. Bowerman Landfill, Olinda Landfill, Prima Deshecha Landfill
 DUARTE: The City hauler utilizes a variety of facilities for inert debris and metals such as SA Recycling, Nuway, and Peck Road Gravel Pit.
 HIDDEN HILLS: Local landfills divert additional materials that are not reported as ADC. In 2016, 21.59 tons beneficial use, 0.87 tons off site use, and 2,474.53 tons other diversion were reported. To avoid double-counting from haulers' reports, the total reported for this program is 1732.93 tons.
 LYNWOOD: Landfills continue to report diversion activities through the DRS. 1,374.13 tons reported diverted in 2016.
 MANHATTAN BEACH: The material is first taken from Manhattan Beach to their transfer station in Carson, CA to be weighed. Some materials are salvaged at the transfer station. Waste Management, the City's hauler, takes all material destined for disposal to El Sobrante Landfill.
 RANCHO PALOS VERDES: In 2016, landfills reported diversion through beneficial use (393.89T) and offsite reuse (134.77T).
 TORRANCE: Beneficial uses shown under 7040.

7020-FR-TST (Transfer Station)

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

Jurisdiction Notes:

ARTESIA: Downey Area Recycling and Transfer Facility (DART), CR Transfer
 MANHATTAN BEACH: The hauler's transfer station performs mixed waste processing and reverse sorting of food waste.
 PALOS VERDES ESTATES: The City's franchised waste hauler owns a transfer station that they use when processing the waste collected from the City.
 POMONA: Tons reported by hauler: Burrtec 437.98 tons (West Valley MRF). No transfer station within the city.
 RANCHO PALOS VERDES: The City's residential hauler EDCO, operates a transfer station in Signal Hill (15 miles away), which includes a recycling buy-back center and bi-monthly collection of HHW and e-waste. However, City-specific totals are not available.
 SOUTH GATE: Waste Management operates a transfer station in the City of South Gate. Recyclable materials and white goods are salvaged from this facility.
 TORRANCE: City currently in contract with Republic Services for transfer station services, including greenwaste recycling. Residents can self-haul at City's contracted prices.

7030-FR-CMF (Composting Facility)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 101601.29	Selected in SRRE: Yes
		Owned or Operated: No

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

Jurisdiction Notes:

BEVERLY HILLS: All commercial food waste and residential greenwaste is partially processed at Recology LA in Sun Valley, CA and then hauled to Lamont, CA to be further processed into compost. The tonnage represents the residential greenwaste and commercial food waste that was recycled based on Recology's tonnage report.
 BRADBURY: The City's contract hauler, Burrtec, takes all manure and greenwaste to Valley MRF for compost.
 DOWNEY: City's greenwaste is taken to Downey Area Recycling & Transfer Facility in Downey, (DART).
 DUARTE: The City does not own a composting facility; however, Burrtec collects greenwaste and composts and or mulches it at its outside facility. Greenwaste is delivered to Azusa Waste Management MRF who contracts with composting companies for materials processing.
 HIDDEN HILLS: Greenwaste and manure are sent to local composting facilities. Totals are reported under programs 3000-CM-RCG.
 LOS ANGELES:
 Recreation and Parks
 Griffith Park Co-Composting Facility/Other: The Department of Recreation and Parks (RAP) is meeting their goals for recycling greenwaste. The Department processes greenwaste generated from tree care operations for use as mulch. The mulch is either reused in park landscapes, or is provided to LA Sanitation for composting. RAP provides space for LA Sanitation to conduct composting operations in Griffith Park as a joint venture between Departments.
 Sanitation
 Griffith Park Composting Facility, San Pedro Harbor Mulching Facility, and Lake View Terrace Lopez Canyon Environmental Center:
 MANHATTAN BEACH: 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.
 PALOS VERDES ESTATES: The greenwaste collected from the City is processed for composting when loads are uncontaminated.
 RANCHO PALOS VERDES: Curbside greenwaste from City is taken to composting/mulching facilities through transfer station. Street sweeping debris is composted and tonnage is reported in program 3060-CM-GOV.
 TORRANCE: None in City. Materials from City are taken to composting facilities through transfer station.

7040-FR-ADC (Alternative Daily Cover)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 47189.59	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 anymore. Greenwaste that is delivered to Puente Hills MRF is transported to greenwaste composters/processors.
 DOWNEY: Greenwaste is not being used as ADC anymore. Greenwaste that is delivered to DART is transported to greenwaste composters/processors.
 DUARTE: Greenwaste is delivered to the Azusa Waste Management MRF where the material is transferred to a greenwaste processing facility.
 HERMOSA BEACH: Franchise hauler reports 14.22 tons of residential greenwaste is taken to Mid-Valley Landfill, Rialto-San Bernardino County which is used as ADC at the facility.
 HIDDEN HILLS: The City's haulers continue to use ADC for diversion of greenwaste and inerts. In 2016, 535.30 tons of greenwaste ADC and 365.39 tons C&D ADC. To avoid double-counting from haulers' reports, the total reported for this program is 0.
 LYNWOOD: Landfills continue to report ADC. 23.35 tons reported in 2016.
 MANHATTAN BEACH: The City no longer has any tonnage through the franchise hauler being utilized for ADC. In 2014, the last remaining material, Christmas Trees, were no longer processed and used for ADC.
 PALOS VERDES ESTATES: The City continues to provide greenwaste, dirt, concrete, etc., which currently qualify as ADC to County landfills.
 POMONA: Local landfills report ADC tonnages from commercial landscapers that take advantage of reduced tipping fees for loads of source separated greenwaste. The residential greenwaste from the City is taken to Pomona Transfer Station.
 RANCHO PALOS VERDES: In 2016, 5.97 tons of ADC were reported.
 ROSEMEAD: No changes to the program. All greenwaste is composted and not used as ADC.
 SIERRA MADRE: The City's greenwaste is collected by the contract hauler, Athens, for use as ADC at the Scholl Canyon Landfill.
 SOUTH GATE: None of the City's greenwaste that is captured is currently being used for ADC.
 TORRANCE: Beneficial uses: ADC (25100.77 tons); other (53.24) off-site other (399.40); recycled (8307.56 tons); and compost (6365.70 tons).

8000-TR-WTE (Waste To Energy)

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Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 68270.6	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:
 BRADBURY: The program stopped delivering to Azusa
 HERMOSA BEACH: Franchise hauler reports 1000 tons of transformation from the commercial sector.
 HIDDEN HILLS: In 2016, 2.96 tons of transformation was reported.
 LOS ANGELES:
 Sanitation
 Waste to Energy: 8090.42 tons taken to SERRF.
 LYNWOOD: In 2016, 6,432.34 tons of waste was delivered to the local WTE facilities.
 MANHATTAN BEACH: Transformation by hauler taken to Smurfitt (commercial) and SERRF (residential)
 PALOS VERDES ESTATES: None stated on DRS for 2016
 RANCHO PALOS VERDES: In 2016, 1,233.35 tons of transformation was reported by two facilities.
 REDONDO BEACH: The City sends 10% of its waste to a Waste-to-Energy Facility.
 ROSEMEAD: The City DRS reports 5060.00 tons of transformation taken to the SERRF
 SIERRA MADRE: The City's contract hauler no longer diverts the City's waste to a Waste-to-Energy facility. Small-scale local waste-to-energy options are being explored.
 SOUTH GATE: South Gate did not record waste to energy in 2016.
 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: 3195	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes:
 ARTESIA: Pep Boys has an oil collection program. The City itself does not have a permanent facility to collect HHW.
 HERMOSA BEACH: The City continues to promote County of Los Angeles HHWE collection events. The franchise hauler provides upon request e-waste curbside collection service to residents. Requested residential curbside collection of e-waste is counted as a bulky item pickup; residents are offered two bulky item pickups annually by the franchise hauler.
 LOS ANGELES:
 Sanitation
 Marina Used Oil Collection Site: LASAN has a total of 14 Used Oil Recovery Centers in Wilmington and San Pedro, offering boaters the opportunity to safely and conveniently dispose of their used motor oil, used oil filters, and absorbent pads. In 2016, a total of 2,845 gallons of used oil (12.1 tons) was collected, and 21 drums (~2.1 tons) of oily debris was collected.
 S.A.F.E. Centers: LASAN has established 7 permanent collection sites throughout the City, known as S.A.F.E. Centers. They provide a convenient way to dispose of residential HHW. Additionally, the CESQG program is a fee-based program that collects business hazardous waste from qualified businesses.
 Water and Power
 DWP Oil Recycling Program: The LADWP recycles all waste oils through hazardous waste contractors. Waste oils include transformer, motor, cable, compressor, hydraulic, and turbine oils. In-house hazardous waste crews and hazardous waste contractors collect oil upon request from the generators. The oil is shipped on a hazardous waste manifest for recycling. Hazardous Waste Field Guide is available for further information.
 LYNWOOD: There are 6 oil Certified Collection Centers in the City. In 2016, 26 SHARPS kits were distributed to residents and 64 pounds of batteries collected from 5 drop-off locations throughout the City.
 MANHATTAN BEACH: No permanent facility inside City of Manhattan Beach lines, but the City does use permanent collection drop-off locations nearby. Hyperion Treatment Plant of the City of Los Angeles for HHW and 6 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 print.
 ROSEMEAD: The City does not have a permanent HHW facility. The City promotes the County of LA Roundups.
 SIERRA MADRE: City continues to refer residents to County sponsored collection sites and events.
 SOUTH GATE: The City has nine collection facilities for used oil and a used oil hotline. The City promotes the use of the San Pedro S.A.F.E. Collection Center for HHW collection in public educational materials. All residents can use the facility. In addition, the City is the sponsor for Waste Management's curbside HHW facility in Placentia.
 TORRANCE: City has about 26 certified used oil and filter collection sites, three paintcare drop-off stores as part of the PaintCare program and several retailers take rechargeable batteries, CFL bulbs and other HHW items. There are one retailer who also collect electronics (their tonnage is listed here). All options promoted in regular outreach/education efforts.

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

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Jurisdiction Notes:

ARTESIA: Just Dump It Campaign with LA County's HHW Roundup.
 BEVERLY HILLS: The City of Beverly Hills is a host city for Los Angeles County Household Hazardous Waste Events (HHWE annual round up).
 BRADBURY: The City continues to advertise HHW collection events. The City also continues to offer residents a year round e-waste disposal program at City Hall. Residents can also call the City's contract hauler to schedule a pickup or attend collection events.
 DOWNEY: The City advertises LA County's HHW and E-Waste collection events, of which one is held yearly in the City. The City also holds 1-3 used oil collection events per year.
 DUARTE: The City of Duarte refers residents to HHW/E-Waste roundups sponsored by the County of Los Angeles. Duarte hosted an event in September of 2016. The City's franchised hauler, Burrtec Waste, also had a booth at the City picnic and distributed SHARPS and Oil containers, and collected e-waste at community cleanup events.
 HERMOSA BEACH: The City sponsored and promoted an e-waste and HHW collection event. 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 collected 54 flat screens from residential, single-family accounts. The County of Los Angeles Sanitation District HHWE Program reported 957 households participated in the City's HHWE Collection Event with 85 CRT units, 100 gallons of used oil, 250 oil filters, 2785 gallons of paint, 9054 miscellaneous gallons, 48 gallons of coolant, 2300 dry cell batteries collected and 600 Sharps. The City provides a Med Return Drug Collection bin in front of the Police Department that accepts prescription medications, vitamins, ointments and patches for humans and pets. Sharps are not accepted in this bin.
 HIDDEN HILLS: The City participates in two Los Angeles County HHW/E Waste Collection events (Calabasas and Malibu). In 2016, 31 tons of HHW were collected in total. The City partners with the City of Calabasas to provide and promote used motor oil, oil filters, antifreeze, latex paint, and car battery recycling programs to residents. The City continues to promote this service as well as e-waste drop-off events twice per month in Calabasas. The City also promotes local e-waste events hosted by neighboring cities and encourages residents to participate in the "Safe Drug Drop-Off Program", which provides a drop-off site for the safe disposal of unused and outdated prescription medications.
 LOS ANGELES:
 Sanitation
 HHW Mobile Collection Events: LASAN partners with and promotes the LA County HHW events in addition to having its permanent seven S.A.F.E Centers.
 Used Oil Collection Events: In 2016, LASAN held 17 collection events (5 Used Oil Only, 12 Used Oil & Electronic Waste). There was a total of 12,135 gallons (51.57 tons) and approximately 8,800 used oil filters (4.41 tons).
 Water and Power
 Battery Recycling: The LADWP collects batteries at various locations throughout the department. House hazardous waste crews and hazardous waste contractors collect batteries upon request from the generators. Materials such as lead acid vehicle, station batteries, nickel cadmium, and nickel metal hydride are collected. Hazardous Waste Field Guide is available for further information.
 LYNWOOD: The City and its hauler, WRI, promoted numerous County-run HHW roundups held in and near City limits. In 2016, 253 households participated in the March roundup. 215 gal oil, 48 gal antifreeze, 1,348 gal paint, 440 lb dry cell batteries, 250 lb oil filters, 200 lb SHARPS, 739 gal misc. HHW, and 38 car batteries were collected at this event. E-waste from this event is included in program 9045.
 MANHATTAN BEACH: When a facility is available, Los Angeles County coordinates an HHW collection event.
 PALOS VERDES ESTATES: The City participates and promotes the Annual Los Angeles County HHW/E-Waste Collection Event. Also, the City holds an annual environmental expo event.
 POMONA: The City participates in the Los Angeles County HHW & e-waste collection events. In addition to LA County, the City holds six events each year and collects used oil and filters.
 RANCHO PALOS VERDES: The annual County HHW-E-Waste roundup was held on 5/14; 140 g oil, 48 g antifreeze, 3,504 g paint, 1,750 lb dry cell batteries, 250 lb oil filters, 500 lb SHARPS, 2,398 g misc., and 116 car batteries were collected. E-waste totals are reported in program 9045-HH-EWA.
 REDONDO BEACH: The City offers two HHW roundups and one also includes a document shred day. The events are promoted using newspaper ads, a flyer sent to all residents and on the webpage. Only residents can attend.
 ROSEMEAD: The City hosted an e-waste collection event.
 SIERRA MADRE: The City amended its Contract with the hauler and is in the third year of this new opportunity for our residents. Additional publicity may be warranted. County HHW roundups are still used as well.
 SOUTH GATE: The City hosted and sponsored an Earth Day/HHW event. Any resident can attend the event. The tonnage of this event for 2016 can be found on section 2080. In 2016, Waste Management collected 3,010 pounds of abandoned hazardous waste from the City of South Gate Department of Public Works Yard.
 TORRANCE: County program for periodic one day HHW/Electronics drop-off. Torrance hosts one event each year in June. The City holds one event on Earth Day for used oil/filter exchanges, and electronics collection. Tonnage is listed under another code.

9020-HH-CSC (Curbside Collection)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 33.24	Selected in SRRE: Yes

Annual Report Summary: Los Angeles Area Integrated Waste Management Authority (2016)

		Owned or Operated: No
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Jurisdiction Notes:
 DUARTE: Burrtec offers curbside collection of used oil.
 MANHATTAN BEACH: The City's beloved At Your Door Curbside HHW Collection Program is established for all residents and multifamily customers. The cost is included in the customer's base rate. The pickups are unlimited. In 2016, 9.06 tons of HHW was collected through the program.
 POMONA: The City collects e-waste through the curbside program six times per year (part of Bulky Item program).
 RANCHO PALOS VERDES: The City's hauler offers on-call curbside used oil/filter and e-waste collection. 724 gallons of oil and 108 oil filters were collected in 2016. E-waste is reported in program 9045-HH-EWA.
 SIERRA MADRE: The City still uses the LA County programs which continue to be used and appreciated by residents.
 SOUTH GATE: Waste Management provides residents of South Gate with 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 disposing facility.

9030-HH-WSE (Waste Exchange)

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

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

9040-HH-EDP (Education Programs)

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

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Jurisdiction Notes:

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

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.

BRADBURY: Through its membership with LARA, the City utilizes Curiosity Quest Videos explaining the Green Recycling Process, what exactly Construction and Demolition Requirements are and how residents can play a role in preventing trash from entering the storm drains. Curiosity Quest is an educational program series that explores what viewers are curious about. These videos are shown on public television stations in the City by such providers as KCET, KOCE, KLCS, and KVCR, the local PBS affiliates serving the Bradbury area. These programs are also available to cities, for free, that are members of the Los Angeles Regional Agency (LARA)

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

DUARTE: City and hauler sponsored booths, items and other promotional opportunities are provided at city events, such as Earth Day, City Picnic, Community cleanups, 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.

HERMOSA BEACH: The Ocean Friendly Hermosa Beach program includes recycling and HHWE educational information. The City continues to publicize and promote County of Los Angeles HHWE collection roundups and events.

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

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

MANHATTAN BEACH: The City distributed At Your Door bill inserts at city facilities. City website HHW section includes information on the no co pay 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.

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

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

RANCHO PALOS VERDES: The City provides education and outreach on the City's website, city newsletter, flyers, brochures, and other local newspapers and newsletters, email list server announcements, in addition to various community outreach events.

ROSEMead: In the quarterly "Recycle Today" the different hazardous and e-waste management programs were promoted. All County of LA HHW and e-waste events are promoted. There are flyers in City Hall, Library and Public Works.

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 the HHW. In 2017, the City will be updating their website to provide residents with more information on bulky items, HHW, AB 341, AB 1826 and other information. Waste Management has a SHARPS collection program for South Gate residents. Public education from the City and Waste Management inform residents of the SHARPS program and proper disposal of other HHW.

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

9045-HH-EWA (Electronic Waste)

Current Status: AO - Alternative and Ongoing	Program Start Year: 2003	Existed before 1990: No
	Report Year Diversion Tons: 3378.15	Selected in SRRE: No
		Owned or Operated: No

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Jurisdiction Notes:

HIDDEN HILLS: At Waste Management's bulky item collection event, 3 TVs, 2 monitors, and 3 stereos were dropped off by City residents. At the two HHW roundups, 8.05 tons of e-waste were collected in total.

LOS ANGELES:

Sanitation

Electronic Waste Recycling: The City of Los Angeles collects e-waste at its seven permanent S.A.F.E. centers, HHW & E-Waste Mobile Collection Events, and the Bulky Item Collection Program. A total of 6,353,637 lbs were collected in 2016.

Batteries Collection Program -- Other HHW: LASAN collects batteries through its seven S.A.F.E Centers, HHW Mobile Events and CESQG Program. In addition, the Bureau of Sanitation has partnered with the following locations for the collection of batteries: participating Jiffy Lubes, B&B Hardware, all public libraries, 88 city offices, and 18 LAPD and LAFD facilities. Estimate: 196,255

Water and Power

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

LYNWOOD: The City's hauler collected 20.07 tons from residents (495 items), 1.39 tons from City Hall cleanup, and 4 tons from cleanup event in 2016. The HHW roundup collected 66 CRTs and 4,500 lb misc. e-waste, totaling 5.22 tons for event. In total, 30.68 tons e-waste recycled in 2016.

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

PALOS VERDES ESTATES:

RANCHO PALOS VERDES: In 2016, the City's hauler collected 18.49 tons of Covered Electronic Devices and 7.39 tons of other e-waste from the bulky item program, plus 9.61 tons from 2 shredding events. 7,155lb CRTs, and 17,500 lbs misc. e-waste were collected at the May County HHW/E-Waste roundup.

ROSEMEAD: No changes to the program. The City promotes the County of LA 888 Clean LA Roundups. E-waste is collected curbside as part of the bulky item program.

9050-HH-OTH (Other HHW)

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 6.75	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes:

BEVERLY HILLS: A selected authorized hazardous waste hauler picks up hazardous waste from city facilities, and provides e-waste pickup at Farmers Market every first Sunday of the month.

BRADBURY: The City continues to advertise all HHW events that the County publicizes throughout the year. Staff makes flyers of the HHW available at City Hall, as well as on the City website and through mass email blasts. The City also advertises e-waste disposal events, as well as SHARPS collection containers.

DUARTE: During 2016, the City of Duarte participated in the HHW Collection Program, which is conducted through a cooperative partnership between the Los Angeles County Department of Public Works and the LA County Sanitation Districts. The program allowed for residents to properly dispose of 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 Burrtec hauling yard. When full, residents can drop off these containers at the Burrtec hauling yard.

HIDDEN HILLS: The City's battery collection program collected 106 pounds in 2016.

LOS ANGELES:
General Services
Motor Oil Recycling: Re-refined motor oil is a product category identified in the City's Recycled Products Purchasing Ordinance, 2008. The City continues to use re-refined motor oil in City vehicles and equipment. Total dollars for 2016 is \$828,667.09
CFC Recycling: In accordance with US EPA requirements under Section 609 of the Clean Air Act, Fleet Services repair facilities recovered and recycled 118 pounds of R-134a refrigerant in 2016.
Sanitation
SHARP 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 Building. LASAN distributes Sharps containers at all locations and works to increase awareness of the dangers involved with improper Sharps disposal. In 2016 at these (30) locations there were (89 55-gal) drums of Sharps collected weighing approximately (7,345 lb.).
Rechargeable Battery Recycling: About 10 rechargeable batteries were collected in 2016. GSD Stores began stocking these (and a battery charger) in 2016 at our request, but battery charges are fairly expensive. In 2017, will do outreach about rechargeables and gauge interest in them.
MANHATTAN BEACH: The franchise agreement requires the City's hauler to provide at no charge to each resident upon request 3 postage paid SHARPS by mail kits for proper SHARPS disposal. There is a free, 24-hour access pharmaceutical drop-off container located in the PD lobby that accepts all waste.
PALOS VERDES ESTATES: Residents may also drop off dry cell batteries and fluorescent light bulbs at the Lunada Bay Hardware store.
POMONA: The City has facilities that collect SHARPS, batteries, and lights.
RANCHO PALOS VERDES: HHW collected curbside and at HHW roundup events are reported in Programs 9010 and 9020.

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:
--LARA website promotes member city events, accomplishments and other items. Also, include info on AB 341. (ongoing)
--MCR information on City website. (ongoing)
--MCR information on hauler website. (ongoing)
-Print
--Franchise hauler included MCR information in quarterly newsletter, Keeping it Green in Artesia annually. (quarterly)
--MCR flyers were available at City Hall customer counter. (on-going)
--The City provided the chamber of commerce MCR informational flyers to provide all member businesses and multifamily complexes. (ongoing)
--[2016 CC – Added] Franchise hauler mailed out and provides brochures at community events. (ongoing)
-Direct Contact
--The City provided MCR information to multi-family complexes by participating in the Youth Safety Expo. (ongoing)
--[2016 CC – Added] City provided MCR information at various city events with hauler at booth. (on-going)

BEVERLY HILLS:
-Electronic: website
-Print: Fliers and brochures
-Direct Contact: Hauler informs new customers when they sign up for service, Community outreach events such as; Earth Day, Public Works Day and National Night out.

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BRADBURY: N/A

DOWNEY:

-Electronic

--Include MCR information, including background on AB 341, entities covered, and options for recycling in the jurisdiction, on the city website. (ongoing)

--MCR information on hauler website. (ongoing)

--The city links from the refuse and recycling portion of the website to the franchise hauler's website where MCR is discussed. (ongoing)

--Chamber of Commerce e-newsletter includes MCR information on an annual basis. (annually)

-Print

--Hauler mails out invoices with SORT report to businesses.

--MCR publications utilized in Chamber of Commerce newsletter. (annually)

--MCR publications in city Parks and Recreation guide. (annually)

--Flyer promoting Keep Downey Beautiful campaign are displayed and handed at city facilities and events. MCR promoted in flyer twice a year. (biannually)

--[2016 CC – Added] City mailed out a compliance letter to all businesses and multifamily complexes regarding AB 341. (biannually)

-Direct Contact

--MCR information provided at any site visits with businesses. (ongoing)

--Hauler conducted 48 site visits of multifamily dwellings in 2016.

--MCR information presented at any city meetings attended by the hauler. (ongoing)

--City conducts monthly clean ups and distributes flyers with AB 341 information. (monthly)

--Hauler works with any new business in Downey and provides them with MCR information from the beginning. (ongoing)

DUARTE:

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

-Print: Commercial newsletters are sent out.

-Direct Contact: Chamber presentations and audits

HERMOSA BEACH:

-Electronic:

--The City maintains 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 and franchise hauler continue to post AB 341 information on their websites.

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

--Earth Wise Quarterly newsletter containing AB 341 and AB 1826 information is available on the City and franchise hauler websites.

-Print: The City continues to place AB 341 brochures on public counters in the Community Development Department.

--The franchise hauler includes a City generated AB 341, waste reduction and/or recycling insert in commercial billings bi-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 AB 341 brochures to all commercial accounts meeting AB 341 compliance thresholds annually.

--The franchise hauler mails the Earth Wise newsletter annually to all multifamily complex managers and residents, the newsletter includes AB 341 recycling guidelines and posters that can be posted in laundry rooms and waste enclosures.

-Direct Contact:

--The City's solid waste consultant continues to distribute AB 341 brochures during business technical assistance site visits (20-25 annually) and to provide recycling and reuse options to commercial accounts.

--The franchise hauler route supervisors continue to make direct contact with all commercial accounts annually providing AB 341 information and options for source-separated recycling, recycling and reuse programs.

--The franchise hauler made an AB 341 presentation to the City Council and Leadership Hermosa.

--The City and franchise hauler participate in Fiesta Hermosa, Earth Day, Compost Give-Away and E-waste-Sensitive Document community events distributing AB 341 information.

--The franchise hauler distributes AB 341 brochures to all visitors participating in tours of the MRF facility.

--The franchise hauler has a staff member who routinely visits civic groups, school assemblies, and science classes, homeowners' associations, multifamily complexes and businesses. City staff attends town hall type outreach meetings promoting and explaining AB 341 and AB 1826 programs and participating in demonstrations and civic events.

--The franchise hauler continues to offer City customers and organizations tours of its recycling and other solid waste facilities upon request and provides recycling information.

HIDDEN HILLS:

-Electronic:

--The City provides educational outreach via newsletters and 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 are registered through the City's notification system (ongoing)

-Print:

--The City provides educational outreach via newsletters and the City's cable channel. The City also provides outreach materials at the annual Fiesta event. The newsletter is mailed to each resident as a separate mailing (ongoing)

-Direct Contact:

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--The school continues to use the Curiosity Quest Go Green Series as part of its curriculum and staff is available to conduct workshops and assemblies, as needed. WM staff is part of the Recycle Right monthly meetings at the Las Virgenes School District Office. As part of the Las Virgenes School District Round Meadow always has a representative at every meeting. Discussion include Recycle materials (AB 341), new Food Waste program (AB 1826) and Green Waste issues (AB 1826). 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. (ongoing)

LOS ANGELES:

-Electronic: MCR information is posted on the LA Sanitation website, LARA website, ab341la.org, LARA social media accounts.

-Print: AB 341 flyers are available at 27 council field offices and the Department of Building and Safety public counter.

-Direct Contact: AB 341 was promoted at 10 LASAN outreach events as well as through the LA Green Business Certification Program.

LYNWOOD:

-Electronic:

--City promoted the LARA MCR webpage by providing a link on the City website. (Ongoing)

--City posted MCR information and flyers on the City website. (On-going)

--Hauler posted MCR information and MCR outreach material on hauler website. (Ongoing)

-Print:

--Hauler included MCR message of AB 341 compliance due to mixed waste processing on all commercial account invoices. (Annually)

--Hauler included MCR flyer/brochure as a billing insert. (Annually)

-Direct Contact:

--Hauler provided waste assessments to businesses in order to customize a plan to reduce waste and increase recycling. (As requested)

MANHATTAN BEACH:

-Electronic:

-- Recycling services offered to businesses is included on the City's website, www.citymb.info.

--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 food waste program is located on that website (manhattanbeach.wm.com) in the following location: <http://manhattanbeach.wm.com/programs-and-services/basic-service.jsp>.

--In the fall, WM Created a 4-page brochure provided In depth information on services available to commercial customers. This brochure was then uploaded onto Manhattan Beach's WM website. In addition, the Winter 2016 newsletter provided thorough information on AB1826 and AB 341. This brochure was additionally uploaded onto Manhattan Beach's WM website.

The City's food waste recycling program was highlighted on the cover of the Beach Reporter Newspaper: www.tbrnews.com/news/manhattan-beach-food-waste-program-recycled-million-pounds-since/article_bcc4a38a-ac25-11e6-a470-1376873e5c29.html

-Print: The City's Manhappenings book that is circulated to all residents in the city 4 times each year. There is a "green corner" which focuses on the city's environmental programs.

--Fall 4 page brochure created by WM which provided in depth information on services available to commercial customers. In additional the Winter 2016 newsletter provided thorough information on AB 1826 and AB 341. WM also created a commercial services bookmark which provides a succinct summary of services available to commercial customers including; trash, recycling, food waste recycling, as well as additional information on the Green Business Certification Program. The Winter Newsletter was featured in the Beach Reporter and included a QR Code in the printed ad for community members to access the full length newsletter digitally. A Welcome Packet is provided to all new customers, which includes information about AB341 and AB1826. Back to School letters, Fall semester and Winter Break School letters were sent to each school in Manhattan Beach offering recycling services and outreach. Winter Newsletter (see above) was also advertised for 4 weeks in The Beach Reporter (December 8, 15, 22, 29) to have a wider 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.

--WM visited every single commercial business in Manhattan Beach in July/August 2016 to perform outreach, and help onboard businesses with recycling and food waste recycling.

--WM is required to spend 400 hours on Multi-Family outreach on recycling and program services. In 2016, hauler spent 414 hours on MFD recycling outreach. The hauler is also required to spend 600 hours performing commercial recycling outreach, and in 2016 performed 731.5 hours of commercial outreach. These hours for MFD and Commercial included outreach for AB 341 and AB 1826. 497 visits were made to commercial businesses in 2016 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.

--WM 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 multi-family complexes to inform them of available services. WM performed site visits, trainings, waste

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audits, and worked towards setting up recycling programs, at facilities that did not have a recycling program in place. AB 341 handouts were distributed to each business during those visits.

--School Zero Waste Outreach Program: In 2016 WM staff worked with schools to conduct recycling assemblies and with Grades of Green to continue implementing food waste diversion programs at MBMS, Pacific, Pennekamp, Robinson, Meadows and American Martyrs

WM also provided 2 CORE facility tours to community members (commercial and residents), one in November and one in December.

--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. Over 5 new businesses were certified through the program in 2016. Participating in the city's food waste program is especially advantageous for the food service establishments.

--City hosts free composting classes throughout the year for all community members.

PALOS VERDES ESTATES:

-Electronic:

--City provided MCR information on the City website. (Ongoing)

--City posted MCR brochures on the City website. (Ongoing)

--Commercial haulers provided MCR information on haulers website. (Ongoing)

-Print:

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

-Direct Contact:

--City consultant conducted site visits to business owners to provide MCR information. (Ongoing)

POMONA:

-Electronic:

--Provide MCR information on the City website. (ongoing)

--City has MCR information on its website linked to the commercial haulers in the City. (Ongoing)

--City web pages link to the LARA web page. (on-going)

--The City posts MCR announcements and instructions on the Chamber of Commerce's blog. (Ongoing)

--The Los Angeles Regional Agency, (LARA), has a web page promoting all of its member cities along with their events, accomplishments and other items within the cities. The site also has a description of AB 341 along with a link to all of the member cities web sites. (on-going)

--The haulers have a dedicated webpage for all multi-family residents and commercial businesses in the city explaining that businesses that generate 4 or more cubic yards of waste per week and that multi-family of 5 or more units must comply and how to comply with the new law AB 341. (on-going)

--All of the 4 non-exclusive commercial haulers continue to provide newsletters and MCR information on their website. (ongoing)

-Valley Vista has increased social media outreach on Facebook and Twitter- promoting MCR tips and waste reduction ideas.

-Print

--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. (Ongoing)

--Hauler C sends out literature that discusses recycling. (bi-annually)

--Hauler B sends out an outreach newsletter to all commercial and multifamily customers. (Bi-annually)

--[2016 CC – Added] Hauler A sends out an outreach newsletter to all commercial and multi-family customers. (Annually)

-Direct Contact

--MCR messaging is incorporated into waste audits offered by the haulers. (ongoing)

--The commercial haulers will continue to contact property owners and or managers of the commercial businesses and the multifamily complexes with five units or more generating 4 cubic yards or more per week of solid waste providing information on the new MCR regulations and what is necessary to achieve compliance. (Ongoing)

--The Haulers continues to meet with the community through neighborhood watch meetings, workshops, and business groups such as the Chamber of Commerce and provide MCR information. (ongoing)

--The City continues to meet with the community through neighborhood watch meetings, workshops, and business groups such as the Chamber of Commerce and provide MCR information. (Ongoing)

--MCR information is also provided at community cleanup events. (Annually)

RANCHO PALOS VERDES:

-Electronic: The City sends emails with recycling tips and reminders about recycling events; the City and EDCO's websites have environmental information.

-Print: The City provides environmental calendars for schools; The City and EDCO publish newsletters that include recycling information; the City runs ads to promote recycling events, used oil centers, and HHW roundups.

-Direct Contact: The City provides recycling information at all community events; waste assessments are completed as requested.

REDONDO BEACH:

-Electronic:

-- City provided a link to the LARA website and LARA AB 341 webpage on the City's website. (On-going)

-- City provided MCR information on the City's News Details webpage.

-- City provided MCR information on the Public Works Commercial Recycling Program webpage. (On-going)

-- City provided MCR information in the electronic newsletter (eZine).

-- Hauler provided AB 341 information on their website. (On-going)

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-- Hauler provided Commercial and Multi-Family Guides with MCR information electronically on the hauler website. (On-going)

-- City posted MCR information and Redondo Beach compost events on Twitter.

-Print:

-- Hauler mailed out Commercial and Multi-Family 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 (On-going)

-Direct Contact:

-- Hauler participated in City events and provide MCR information at booths (On-going)

-- Hauler conducted site visits and waste assessments to right size a business and provide MCR information (As needed)

-- Hauler met with community members and business organizations to discuss MCR information (As needed)

-- Hauler conducted presentation including MCR info to Leadership Redondo (Annually)

ROSEMEAD:

-Electronic: The City's website is linked to the haulers website, Republic Services website includes the quarterly newsletters. We also promote the Recycling rewards program that is offered to all residents.

--The City places AB 341 Brochures, AB 1826 and the quarterly newsletters in the counter at City Hall

-Print: Quarterly newsletters are mailed to all Multi Family and commercial accounts

--The Hauler includes an AB 341 billing message on invoices regarding AB 341 & AB 1826

-Direct Contact: Citywide audit, chamber meetings, community events, Kiwanis, school district events

SIERRA MADRE:

-Electronic:

--Included dedicated webpage for all residents and businesses in the city web site explaining AB 341 and the requirements of complying with the law. (ongoing)

--Included MCR information in city's electronic newsletter (E-blast) for MCR outreach. E-mailers are sent out weekly and in advance special events.

--[2016 CC – Dropped] Did not include MCR information on local radio station.

--Included MCR information on local cable station.

--Franchise hauler has dedicated web page explaining AB 341 and its requirements for complying with the law. (ongoing)

--As a member of LARA, LARA has dedicated web page explaining AB 341 and its requirements of complying with the law and links to all of its member cities. (on-going)

-Print

--MCR information provided in business license renewals. (on-going)

--Franchise hauler included flyer to chamber of commerce and at events. (on-going)

--Hauler provided print material on MCR.

--Door hangers for Canyon residents and and flyers at City Hall

-Direct Contact

--City contacted 38 commercial entities with site visits regarding their FOG (fats, oil, grease) requirements and discussed MCR requirements. (annually)

--Hauler attended city events and shared information about law and how to recycle at events. (ongoing)

--MCR/MORE flyer distributed at two Compost Giveaway Events, Summer Fun in the Park (in July), State of the City Booth, and a presentation before the Energy Environment Natural Resources Commission

SOUTH GATE:

-Electronic: City website will be updated in 2017 to continue to provide relevant information to residents and business owners, such as, AB 341 & AB 1826. AB 341 information is posted on social media and local media stories.

-Print: AB 341 & AB 1826 letter and flyer were distributed. Waste Management also provided the City with recycling content for the South Gate Vista Newsletter.

-Direct Contact: WM conducted an audit for Tweedy Mile, South Gate's main business corridor. Waste Management representatives met with 290 customers and shared information regarding AB 341. The City and Waste Management also provided general recycling information at community events, including: South Gate Annual Tweedy Street Fair, Family Day at the Park, Tweedy Mile Street Lighting, etc.

TORRANCE:

-Electronic:

--City provided MCR information on the City website (<http://www.torranceca.gov>). (ongoing)

--City provided a link to CalRecycle's MCR webpage on the City's website. (ongoing)

--Top 5 commercial haulers provided MCR information on their websites. (ongoing)

--Some commercial haulers posted MCR information through Social Media. (ongoing, varied by hauler)

-Print:

--City provided MCR information with business license renewals. (annually)

--City provided MCR brochures as handouts at City Counters. (ongoing)

--Each permitted commercial hauler develops their own MCR education materials to mail to their own customers. (Frequency varies by hauler)

-Direct Contact:

--City provided MCR brochures at City events including Earth Day and 6 other City events. (ongoing)

--Commercial haulers provided MCR information during site visits. (Frequency varies by hauler)

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

ARTESIA: N/A
BEVERLY HILLS: N/A
BRADBURY: N/A
DOWNEY: N/A
DUARTE: N/A
HERMOSA BEACH: The City and franchise hauler have encountered no challenges in developing and distributing AB 341 educational and outreach materials.
HIDDEN HILLS: N/A
LOS ANGELES: N/A
LYNWOOD: N/A
MANHATTAN BEACH: We get some managers that are more committed to the program than others.
PALOS VERDES ESTATES: N/A
POMONA: Burrtec - Cost of program and no enforcement mechanism. WM- The biggest challenge is increased costs associated with adding another cost to service.
RANCHO PALOS VERDES: N/A. The City's haulers completed the necessary outreach.
REDONDO BEACH: N/A
ROSEMEAD: SCAVENGING AND A LANGUAGE BARRIER - Low participation from Multi Family Units has always been
SIERRA MADRE:
SOUTH GATE: N/A
TORRANCE: N/A

MONITORING

Note:

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

1. Total number of covered businesses: 51245

Explanation: ARTESIA: 133
BEVERLY HILLS: 525
BRADBURY: 0
DOWNEY: 580
DUARTE: 122
HERMOSA BEACH: 131
HIDDEN HILLS: 0
LOS ANGELES: 45,631
LYNWOOD: 226
MANHATTAN BEACH: 255
PALOS VERDES ESTATES: 41
POMONA: 1264
RANCHO PALOS VERDES: 59
REDONDO BEACH: 340
ROSEMEAD: 165
SIERRA MADRE: 34
SOUTH GATE: 366
TORRANCE: 1373

2. Total number of covered businesses not recycling: 42847

Explanation:

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ARTESIA: 103
BEVERLY HILLS: 0
BRADBURY: N/A
DOWNEY: 58
DUARTE: 76
HERMOSA BEACH: 0
HIDDEN HILLS: 0
LOS ANGELES: 41,315
LYNWOOD: 0
MANHATTAN BEACH: 12
PALOS VERDES ESTATES: 0
POMONA: 467
RANCHO PALOS VERDES: 29
REDONDO BEACH: 0
ROSEMEAD: 51
SIERRA MADRE: 0
SOUTH GATE: 299
TORRANCE: 437

3. Total number of covered multifamily complexes: 32149

Explanation: ARTESIA: 35
BEVERLY HILLS: 793
BRADBURY: 0
DOWNEY: 678
DUARTE: 52
HERMOSA BEACH: 78
HIDDEN HILLS: 0
LOS ANGELES: 28,791
LYNWOOD: 145
MANHATTAN BEACH: 55
PALOS VERDES ESTATES: 11
POMONA: 186
RANCHO PALOS VERDES: 35
REDONDO BEACH: 366
ROSEMEAD: 244
SIERRA MADRE: 10
SOUTH GATE: 172
TORRANCE: 498

4. Total number of covered multifamily complexes not recycling: 19222

Explanation: ARTESIA: 35
BEVERLY HILLS: 0
BRADBURY: N/A
DOWNEY: 251
DUARTE: 8
HERMOSA BEACH: 0
HIDDEN HILLS: 0
LOS ANGELES: 18,349
LYNWOOD: 0
MANHATTAN BEACH: 4
PALOS VERDES ESTATES: 0
POMONA: 55
RANCHO PALOS VERDES: 0
REDONDO BEACH: 0
ROSEMEAD: 65
SIERRA MADRE: 0
SOUTH GATE: 164
TORRANCE: 291

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: N/A

BEVERLY HILLS: Community outreach such as Earth Day, Public Works Day, and National Night out. As well as inform new customers when signing up for services, with fliers and brochures.

BRADBURY: N/A

DOWNEY: City has written a letter to all businesses regarding MCR and requires them to submit whether they are in compliance or not.

DUARTE: Commercial newsletters, direct mailings, chamber presentations, audits, website Burrtec

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

HIDDEN HILLS: N/A

LOS ANGELES: The new recyclA Franchise System will provide recycling for all businesses and multifamilies beginning in July 2017.

LYNWOOD: All commercial accounts have mixed waste processing with a few accounts with source separated/single stream recycling. Non-compliant commercial accounts receive additional follow up from the City.

MANHATTAN BEACH: Worked w/hauler to schedule additional site visits. Reported to City Council the number of businesses participating/not participating.

PALOS VERDES ESTATES: City is in the process of developing a monitoring process that includes sending out a letter to every regulated entity not recycling and will follow up with a site visit. (Annually)

POMONA: Hauler B- provided newsletters to MORE to all commercial and multi-family dwellings in 2016. In 2017, Hauler B will work with the City to provide non-compliance letters to MORE affected entities that are non-compliant. Affected businesses and multi-family dwellings that opt not to participate will be asked to complete a declination statement.

Hauler A- AB 341 information is listed on the Athens webpage for our customers to view.

Hauler D- Visited 96 customers who are subject to AB 341 and currently don't have recycling program (about 66% of customers who aren't recycling) to try and get them to sign up for recycling. Concentrating on larger generators and generators who also fall under AB 1826.

Hauler C- 132 customers that we contacted either through phone or in person. Moving forward, sales representatives are to keep more meticulous notes through their interaction with the customers that the system currently doesn't capture.

RANCHO PALOS VERDES: The City continues to work with its haulers to monitor the status of each non-compliant account.

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

ROSEMEAD: Each business was personally notified and given a education letter and tri-fold. Along with a City Logo letter informing of the mandatory recycling and food waste program.

SIERRA MADRE: N/A

SOUTH GATE: Aside of all the outreach that was conducted at local community events and through direct mailers for Assembly Bill 341 and Assembly Bill 1826, Waste Management representatives conducted an audit of Tweedy Mile, the City's main business corridor. During the audit, which took place in Fall of 2016, Waste Management met with customers to discuss the implementation of recycling services and to gather information on what some businesses may be doing with their recyclables (self-haul or 3rd party recycling). The City of South Gate also took a first step on developing an enforcement mechanism by implementing a fine to commercial customers who are not in compliance with Assembly Bill 341. Moving forward, the City would like to strengthen the current ordinance to encourage recycling participation. The funds that are collected from the monthly fines are used for public education efforts.

TORRANCE: City requested a list of entities not recycling from haulers. City is developing a monitoring process that includes a letter to every regulated entity not recycling to be mailed or provided at site visits by the commercial haulers. The letter will provide MCR information and how to comply with the law. (Annually) The letter will be distributed to commercial haulers to use as support to set up recycling programs.

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: N/A

BEVERLY HILLS: N/A

BRADBURY: N/A

DOWNEY: N/A

DUARTE: N/A

HERMOSA BEACH: City and franchise hauler monitor all commercial accounts meeting AB 341 compliance thresholds, all commercial accounts are in compliance with AB 341 through the franchise hauler's mixed waste processing.

HIDDEN HILLS: N/A

LOS ANGELES: Under the current open system, it is difficult to get accurate numbers from the hundreds of haulers operating in the city. Our numbers are self-reported from permitted waste haulers, but these numbers can be underreported or not reported at all from unpermitted haulers.

LYNWOOD: The two biggest challenges with the programs are unwillingness to participate and high cost to implement the program.

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

PALOS VERDES ESTATES: The City is in the process of obtaining accurate recycling data for each commercial facility that falls within the AB 341 threshold. Staff is working with local haulers to obtain this information. The City is challenged due to not currently having a franchise hauler for commercial accounts within City limits. City Staff and local haulers are collaborating to obtain the most accurate commercial tonnages, unfortunately at this time tonnages are not available and would be estimates at best. City has begun process of obtaining a single franchise hauler agreement for all waste streams.

POMONA: N/A

RANCHO PALOS VERDES: N/A

REDONDO BEACH: N/A

ROSEMEAD: There are always challenges in monitoring commercial recycling. In Rosemead they have had several change over in City staff.

SIERRA MADRE: N/A

SOUTH GATE: Enclosure spacing has been a hurdle Waste Management has encountered when attempting to implement commercial recycling services in the City.

TORRANCE: N/A

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

129259 Tons

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

Explanation: ARTESIA: 2,406.89
BEVERLY HILLS: 1,879.91
BRADBURY: N/A
DOWNEY: N/A
DUARTE: 271.83
HERMOSA BEACH: 5,571
HIDDEN HILLS: 423.53
LOS ANGELES: 2,714.66
LYNWOOD: 3,930.52
MANHATTAN BEACH: 1,851.70
PALOS VERDES ESTATES: N/A
POMONA: 1,330.32
RANCHO PALOS VERDES: 59.26
REDONDO BEACH: 13,475.74
ROSEMEAD: 1,396.00
SIERRA MADRE: 1,059.03
SOUTH GATE: 45,537.18
TORRANCE: 47,351.00

DOWNEY: MCR recyclables are commingled with curbside program.

LOS ANGELES: Tonnage does not reflect total recycling tonnage in the city due to a lack of a tracking mechanism. The new recyclA franchise system beginning in July 2017 will have a tracking system.

PALOS VERDES ESTATES: At this time, with only residential curbside collection under a franchise agreement, it is challenging to obtain accurate tonnages from other program areas. City has begun the process of notifying property owners. Business owners and tenants to be able to obtain a franchise agreement with one hauler to service all waste and recycling needs for the City.

Mandatory Commercial Organics Recycling (MORe)

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

IDENTIFICATION OF COVERED BUSINESSES/MULTIFAMILY COMPLEXES

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

ARTESIA:

BEVERLY HILLS:

BRADBURY: N/A

DOWNEY: CalMet identified the 8 cubic yard customers by taking their totally weekly yardage of trash and assumes 30% is organic waste. If it's a restaurant or grocery store then they assume there is 50% organic waste.

DUARTE:

HERMOSA BEACH: Franchise hauler has collection service data including size and number of bins and number of pickups per week that is used to identify businesses meeting AB 1826 compliance thresholds.

HIDDEN HILLS: N/A

LOS ANGELES: The city used a self-reported list of commercial accounts from the private haulers and filtered the list by the name of the business (cafe, bistro, restaurant chains, grocery stores, etc.) and also service level and frequency of pickups to capture those that meet the threshold of 8 cubic yards per week

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 MF LOS).

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

PALOS VERDES ESTATES: Requesting info from franchise and non franchise haulers, City business license data.

POMONA: Burretec-Account thresholds are determined using CalRecycle approved service level disposal-based approach.

Athens- Identified business establishments that may produce organic waste thresholds. WM-Have contacted restaurant/food manufacturing to do targeted audits to further identify businesses that currently produced 4 cubic yards (as of Jan. 2017) of organics to offer an organic bin collection service. Valley Vista- Identified businesses by Service level and Industry Type sales representatives have identified accounts primarily.

RANCHO PALOS VERDES: The haulers provided level of service information that then was used to estimate organics generation.

REDONDO BEACH: Hauler identified all locations that generate 12 cu. Yd. of organics or more then those that generate 8 cubic yards of organics were audited.

ROSEMEAD: Citywide audit was conducted and all businesses generating food waste was visited.

SIERRA MADRE:

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

TORRANCE:

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?

HERMOSA BEACH: Franchise hauler has collection service data that is used to identify businesses meeting AB 1826 compliance thresholds.

HIDDEN HILLS: There is only one business in the City which does not meet the threshold for compliance.

LOS ANGELES: Under the current open system for waste hauling in the City, the private haulers self-report the number of accounts so it is very difficult to get accurate numbers. The recycLA Franchise System will conduct waste assessments for all businesses in the City beginning in July 2017 and will be able to provide data on covered businesses and multifamily dwellings.

PALOS VERDES ESTATES: At this time, with only residential curbside collection under a franchise agreement, it is challenging to obtain accurate tonnages from other program areas. City has begun the process of notifying property owners. Business owners and tenants to be able to obtain a franchise agreement with one hauler to service all waste and recycling needs for the City. The City will continue to provide as accurate data that is available to the City until the process of obtaining a single franchise hauler for all City programs. During this process of obtaining a single hauler, staff will continue to work with all haulers active in the City, Property owners, business owners and residents to provide the most accurate data available.

ROSEMEAD: In the process of updating the 3rd party tonnage report with current information from our waste audits that were completed last month.

EDUCATION AND OUTREACH (all years)

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

ARTESIA:

- Electronic: LARA website promoted member city events, accomplishments and other items. Also include info on AB 1826. (on-going)
- MORE information included on the hauler website. (ongoing)
- Hauler has MORE information posted through brochure on website. (ongoing)
- Print: Franchise hauler included MORE information in quarterly newsletter, Keeping it Green in Artesia. (quarterly)
- Hauler mailed out brochures - one mailing. (annually)
- Direct Contact: Site visits done at all businesses to identify if the business was subject to AB 1826. (ongoing)

BEVERLY HILLS:

- Electronic: City website
- Print: Brochures and fliers.
- Direct Contact: Inspector will also distribute upon inspection of food facilities.

BRADBURY: N/A

DOWNEY:

- Electronic
- Include MORE information, including background on AB 1826, entities covered, and options for recycling in the jurisdiction, on the city website. (ongoing)
- MORE information on hauler website. (ongoing)
- The city links from the refuse and recycling portion of the website to the franchise hauler's website where MORE is discussed. (on-going)
- Chamber of Commerce e-newsletter includes MORE information on an annual basis. (annually)
- Print
- Hauler mails out invoices with SORT report to businesses.
- Annual MORE publications utilized in Chamber of Commerce newsletter. (annually)
- Annual MORE publications in city Parks and Recreation guide. (annually)
- Flyer promoting Keep Downey Beautiful campaign are displayed and handed at city facilities and events. MORE promoted in flyer twice a year. (biannually)
- Hauler has AB 1826 information on invoices. (ongoing)
- City mailed out MORE flyers with information on law and regulatory requirements with invoices.
- Direct Contact
- MORE information provided at any site visits with businesses. (ongoing)
- MORE information presented at any city meetings attended by the hauler. (ongoing)
- City conducts monthly clean ups and distributes flyers with AB 1826 information. (monthly)
- Hauler works with any new business in Downey and provides them with MORE information from the beginning. (ongoing)

DUARTE:

- Electronic: Burrtec website and City website both promote AB 341. City website also has a link to the LARA website.
- Print: Commercial newsletters are sent out.
- Direct Contact: Chamber presentations and audits

HERMOSA BEACH:

- Electronic: The City and franchise hauler have posted AB 1826 information on their websites. The City has a "Sustainable Hermosa" Twitter feed with AB 1826 information, the franchise hauler tweets AB 1826 information on its Twitter feed. Earth Wise Quarterly newsletter containing AB 341 and AB 1826 information is available on the City and franchise hauler websites.
- Print: The City continues to place AB 1826 brochures on public counters in the Community Development Department. The franchise hauler and solid waste consultant continue to distribute AB 1826 brochures during site visits to commercial accounts. The franchise hauler continues to mail Earth Wise newsletter quarterly to all commercial accounts providing AB 1826 information.
- Direct Contact: The franchise hauler route supervisor continues to make direct contact with all commercial accounts providing organics recycling options. The solid waste consultant continues to provide AB 1826 information and organics recycling options during business technical assistance site visits to commercial accounts. The City and franchise hauler continue to participate in community events distributing AB 1826 information. The franchise hauler made an AB 1826 presentation to the City Council and Leadership Hermosa.

HIDDEN HILLS:

- Electronic: N/A
- Print: N/A
- Direct Contact: N/A

LOS ANGELES:

- Electronic:
- AB 1826 information is posted on the LA Sanitation website, LARA website, ab341la.org, LARA social media accounts.
- Print:
- LASAN sent out AB 1826 postcards to 18,000 food service establishments in the city. LASAN also sent follow up flyers to 1,574 food service establishments that meet the 4 cubic yard threshold. These flyers were written in both English and

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Spanish.

-Direct Contact:

--AB 1826 was promoted at 10 LASAN outreach events as well as through the LA Green Business Certification Program. LASAN Customer Care Division was also trained on AB 1826 to be able to answer any inquiries received through the LASAN hotline.

LYNWOOD:

-Electronic:

--City posted MORE information the City Website. (On-going)

--Hauler posted MORE information the hauler Website. (On-going)

--Hauler posted the City's MORE Letter on the hauler website. (On-going)

--Hauler posted a link to the LARA MORE webpage on the hauler website. (On-going)

-Print:

--City mailed AB 1826 letter to all businesses to provide MORE information and how businesses can comply. (Annually)

--City mailed MORE information in the City's monthly Newsletter mailed to all businesses. (Annually)

--Hauler mailed MORE print materials to all commercial businesses. (Annually)

-Direct Contact:

--City, with the hauler, conducted site visits to verify the threshold of the businesses and discuss organics. (As needed)

Manhattan Beach:

-Electronic:

--Summer 2016 Recycling News Email Blast

-Print:

--AB1826 handouts distributed during site visits

--WM Welcome Packet

--Fall 2016 Residential Recycling Newsletter

--Fall 2016 Commercial Recycling Guide

--November 16, 2016 - Program spotlight in MB Beach Reporter by Daniella Segura: Manhattan Beach Food Waste program recycled 8.5 million pounds since 2012 (http://tbrnews.com/news/manhattan-beach-food-waste-program-recycled-million-pounds-since/article_bcc4a38a-ac25-11e6-a470-1376873e5c29.html)

-Direct Contact:

--AB1826 handouts distributed during site visits

--April 2016 – WM booth at City's Earth Day Event promoted program

--June -August 2016 – WM Staff performed outreach to all commercial businesses and offered training of food waste program

--October 2016 – Provide and explain food waste services at Hometown Fair

--November 15, 2016 – City staff presentation on food waste program update to City Council

--November 2016 - CORE facility tour

--December 2016 – CORE facility tour

In addition Mira Costa High School began fundraising to pay for new common area refuse containers - a 3-stream unit (trash, recycling, food waste).

PALOS VERDES ESTATES:

-Electronic:

--City provided MORE information on the City website. (Ongoing)

--Haulers provided MORE information on their websites. (Ongoing)

--Haulers posted MORE brochures, flyers, and other print materials on their websites. (Ongoing)

-Print:

-- City will report MORE Print Activities in the EAR.

-Direct Contact:

-- City and hauler will provide MORE information during site visits and HHW events in 2017.

POMONA:

-Electronic:

--Provide MORE information on the City website. (ongoing)

--Provide MORE information on the Hauler website. (ongoing)

--WM has a dedicated webpage that provides recycling information in general. Communication regarding AB 341 is done through hard copy education material. In efforts to encourage recycling they provide a certificate where business may download and print. <http://www.wm.com/AB341.jsp>

--Burrtec- has a dedicated webpage for all multifamily residents and commercial businesses in the city explaining that businesses that generate 4 or more cubic yards of waste per week and that multi-family of 5 or more units must and how to comply with AB 341. <http://www.burrtec.com/341-compliance> Athens Services- Provides a direct link on information regarding the AB 341 mandatory compliance, also providing a small clip on recycling and compost.

<http://athensservicesrecycling.com/ab341.html> Valley Vista- VVS has a dedicated webpage for MCR on their website, along with PDF of outreach. <http://www.valleyvistaservices.com/index.php/commercial-services/mandatory-commercial-recycling-bill-ab341>

-Print

--Hauler B provided MORE information in newsletters sent to all commercial and multi-family dwellings. (annually)

--Hauler A left AB 1826 pamphlets at the three businesses identified being subject to MORE.

--Hauler D sent letters regarding MORE to potential Tier 1 and Tier 2 customers.

--All commercial accounts receive bi-annual direct mail education material that covers recycling education and services

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available to customer. Starting in 2016 organic education (AB 1826) has been included.

--Burrtec- Sent out 2 newsletters and flyers to all commercial and multifamily accounts.

--Athens Services-Newsletters/inserts are mailed out to customers. Valley Vista- sends out bi-annual newsletters to customers as well as flyers for AB 341

-Direct Contact

--Hauler D followed up MORE letters with phone call or a waste assessment.

--Hauler C contacted customers regarding AB 1826 through phone or site visit.

-- This will be implemented in 2017. Burrtec continues to make direct contact to the top ten percent generators of waste in the commercial business and multi-family sector to discuss AB 341 and implement recycling. (ongoing)

--Valley Vista- mainly concentrates on the larger generators in regards to site visits.

RANCHO PALOS VERDES:

-Electronic: The City sends emails with organics recycling information; the City and EDCO's websites have AB 1826 information.

-Print: The City and EDCO publish newsletters that include AB 1826 information.

-Direct Contact: The City provides AB 1826 information at all community events.

Redondo Beach:

-Electronic:

-- City provided MORE information on the City website (On-going)

-- Hauler provided MORE information on the hauler website (On-going)

-Print:

-- City provided MORE information in City's quarterly newsletter mailed to all commercial businesses (Annually)

-- Hauler mails organics brochures to entities meeting AB 1826 requirements (Annually)

-- Hauler mails commercial brochures with AB 1826 information to all businesses (Annually)

-Direct Contact:

-- Hauler conducted site visits / organics assessment to all locations that generated 8 or more cubic yards of waste

-- Organic brochure distributed at Earth Day City Event.

ROSEMEAD:

-Electronic: News letters, Website

-Print:AB341 Brochures, Food Finders, AB 1826 Brochures

-Direct Contact: On site City wide audit

SIERRA MADRE:

-Print

--Hauler provided MORE flyer at city hall, community centers, and Chamber of Commerce. (ongoing)

--Hauler mailed out flyer with MORE information. (annually)

-Direct Contact

--Hauler provided waste audits and included MORE information. (ongoing)

--MORE information provided during large city events such as compost events, Summer Fun in the Park, and state of the city booth.. (on-going)

--MORE information and flyers given out at Mt. Wilson Trail Race. (annually)

SOUTH GATE:

-Electronic: City website will be updated in 2017 to continue to provide relevant information to residents and business owners, such as, AB 341 & AB 1826. AB 341 information is posted on social media and local media stories.

-Print: AB 341 & AB 1826 letter and flyer were distributed. Waste Management also provided the City with recycling content for the South Gate Vista Newsletter.

-Direct Contact: WM conducted an audit for Tweedy Mile, South Gate's main business corridor. Waste Management representatives met with 290 customers and shared information regarding AB 341 and AB 1826. The City and Waste Management also provided general recycling information at community events, including: South Gate Annual Tweedy Street Fair, Family Day at the Park, Tweedy Mile Street Lighting, etc.

TORRANCE:

-Electronic:

--City provided MORE information on the City website (www.torranceca.gov) (Ongoing)

--City provided a link to CalRecycle's MORE webpage on the City's website. (Ongoing)

--Top 5 major commercial haulers provided MORE information on their website. (Ongoing)

--Some haulers posted MCR information through Social Media. (Frequency varies by hauler)

-Print:

--City provided MORE information with business license renewals. (Annually)

--City provided MORE brochures as handouts at City Counters. (Ongoing)

--City requested MORE information from all haulers through AB341/AB1826 Survey. (Annually)

--Each commercial hauler develops their own MORE education materials to mail to their own customers (Frequency varies by hauler)

-Direct Contact:

--City provided MORE brochures at City events. (Ongoing)

--City provided MORE information via phone. (As needed)

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

ARTESIA:

BEVERLY HILLS:

BRADBURY: N/A

DOWNEY: N/A

DUARTE: N/A

HERMOSA BEACH: The City and franchise hauler have encountered no challenges in developing and distributing AB 1826 educational and outreach materials.

HIDDEN HILLS: N/A

LOS ANGELES: Under the open system with many private haulers, the City had a difficult time gathering an accurate list of businesses subject to the law. The City generated a business list based on the self-reported data from the private haulers. Challenges include the incompatibility of data sets and under-reporting of customers by the haulers.

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.

PALOS VERDES ESTATES: At this time, with only residential curbside collection under a franchise agreement, it is challenging to present a uniformed consistent education and outreach program for the City. As stated before, City is in process of obtaining a franchise agreement with one hauler to service all waste and recycling needs for the City. This will simplify the City's processes significantly.

POMONA: N/A

RANCHO PALOS VERDES: N/A. The City's haulers completed the necessary outreach.

REDONDO BEACH: N/A

ROSEMEAD: In the past we offered a food waste program as part of the agreement but did not have much success. Currently working with the City to implement the Mandatory Food Waste Program

SIERRA MADRE: N/A

SOUTH GATE: N/A

TORRANCE: N/A

MONITORING

Note:

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

1. Total number of covered businesses: 2040

Explanation: ARTESIA: 8
BEVERLY HILLS: 133
BRADBURY: 0
DOWNEY: 89
DUARTE: 63
HERMOSA BEACH: 5
HIDDEN HILLS: 0
LOS ANGELES: 1,124
LYNWOOD: 33
MANHATTAN BEACH: 14
PALOS VERDES ESTATES: 17
POMONA: 91
RANCHO PALOS VERDES: 16
REDONDO BEACH: 9
ROSEMEAD: 1
SIERRA MADRE: 2
SOUTH GATE: 10
TORRANCE: 425

2. Total number of covered businesses not recycling organics: 643

Explanation:

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ARTESIA: 7
BEVERLY HILLS: 0
BRADBURY: N/A
DOWNEY: 82
DUARTE: 60
HERMOSA BEACH: 3
HIDDEN HILLS: 0
LOS ANGELES:
LYNWOOD: 32
MANHATTAN BEACH: 7
PALOS VERDES ESTATES: 0
POMONA: 89
RANCH PALOS VERDES: 14
REDONDO BEACH:9
ROSEMEAD:
SIERRA MADRE: 0
SOUTH GATE: 9
TORRANCE: 331

3. Total number of covered multifamily complexes: 985

Explanation: ARTESIA: 94
BEVERLY HILLS: 634
BRADBURY: 0
DOWNEY: 0
DUARTE: 15
HERMOSA BEACH: 0
HIDDEN HILLS: 0
LOS ANGELES:
LYNWOOD: 1
MANHATTAN BEACH: 0
PALOS VERDES ESTATES: 11
POMONA: 18
RANCHO PALOS VERDES: 3
REDONDO BEACH:0
ROSEMEAD: 0
SIERRA MADRE: 0
SOUTH GATE: 13
TORRANCE: 196

4. Total number of covered multifamily complexes not recycling green waste, landscape and pruning waste, and nonhazardous wood waste: 314

Explanation: ARTESIA: 86
BEVERLY HILLS:
BRADBURY: N/A
DOWNEY: 0
DUARTE: 14
HERMOSA BEACH: N/A
HIDDEN HILLS: 0
LOS ANGELES:
LYNWOOD: 1
MANHATTAN BEACH:0
PALOS VERDES ESTATES: 0
POMONA: 18
RANCHO PALOS VERDES: 2
REDONDO BEACH:0
ROSEMEAD: 0
SIERRA MADRE: 0
SOUTH GATE: 13
TORRANCE: 180

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.

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ARTESIA: Letter was sent out to all businesses not in compliance. Site visits were done as well. This is for both businesses and MF complexes.

BEVERLY HILLS:

BRADBURY: N/A

DOWNEY: Info. on mandatory Organic Recycling is posted on monthly CalMet commercial invoices, also on CalMet and City web page and special flyer was sent along with invoices to all commercial accounts.

DUARTE: commercial newsletters, audits, direct mailings, chamber presentations, website Burrtec

HERMOSA BEACH: Franchise hauler and solid waste consultant continue to make direct contact with businesses meeting AB 1826 compliance thresholds providing options including source-separation collection service by the franchise hauler, food donation, preparation of smaller meal servings by restaurants and waste prevention methods in food preparation. Cost, inconvenience and lack of interest from businesses are the main challenges in implementing AB 1826 collection service.

HIDDEN HILLS: Waste Management staff is part of the Recycle Right monthly meetings at the Las Virgenes School District Office. Discussion include Recycle materials (AB 341), new Food Waste program (AB 1826) and Green Waste 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.

LOS ANGELES: The new recycLA Franchise System which will begin in July 2017 will have organics recycling available and will require franchise haulers to work with food rescue organizations to promote food rescue and food recovery from their business accounts. From the business waste assessments, the City will have a list of businesses subject to the law and a list of those that are not recycling. Follow-up with these businesses will be conducted. In addition, if a business continually has contaminated bins, haulers may assess a fee to the businesses.

LYNWOOD: City provided a letter and flyer with MORE information for the hauler to mail out as billing inserts to all commercial accounts. Non-compliant commercial accounts receive additional follow up from the City.

MANHATTAN BEACH: Worked w/hauler to schedule additional site visits. Reported to City Council the number of businesses participating/not participating.

PALOS VERDES ESTATES: City is in the process of developing a monitoring process that includes sending out a letter to every regulated entity not recycling organics and will follow up with a site visit. (Annually)

POMONA: Burrtec- provided newsletters to MORE to all commercial and multifamily dwellings in 2016. In 2017, Burrtec will work with the City to provide non-compliance letters to MORE affected entities that are not compliant. Affected businesses and multi-family dwellings that opt not to participate will be asked to complete a declination statement.

Athens- Information is listed on the Athens webpage for our customers to view.

Valley Vista- Visited 96 customers who are subject to AB 341 and currently don't have recycling program (about 66% of customers who aren't recycling) to try and get them to sign up for recycling. Concentrating on larger generators and generators who also fall under AB 1826.

WM- 132 customers that we contacted either through phone or in person. Moving forward, sales representatives are keeping more meticulous notes through interaction with customers that currently in the system and are not captured.

RANCHO PALOS VERDES: In 2016, the first round of commercial accounts were provided with information regarding compliance with AB 1826. Non-complying accounts have been notified of their need to comply with the law by the City and the hauler. The City also continued outreach with Businesses and Multifamily Residences relating to the implementation of AB 1826.

REDONDO BEACH: The hauler conducted site visits to subjected entities and sent follow up print materials including FAQs and letters. The hauler sent a letter to all subjected entities several weeks after audit was completed notifying them of the law and how to comply. Phone calls were also made to entities subject to the law.

ROSEMEAD: WE are currently working with the City to implement a mandatory food waste program. A City Council Study Session is scheduled for July 11th to go over the Organic Waste Mandatory program AB 1826

SIERRA MADRE:

SOUTH GATE: In 2016 the City, in collaboration with Waste Management, sent Assembly Bill 341 & Assembly Bill 1826 letters and flyers to commercial customers who needed to be in compliance. Following the approval of organic rates, which took place on June 13, 2017, Waste Management will be sending letters and flyers to customers who need to be in compliance with Assembly Bill 1826, which now includes customers who generate 4-yards of organic waste or more per week. Waste Management will also be contacting customers to schedule meetings to discuss the incorporation of organic services so that customers can be in compliance. During these meetings, Waste Management will be providing commercial customers with information on proper organic recycling practices.

Torrance: The City did send a letter to the first group of about 60 businesses who met the first threshold.

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.

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ARTESIA:

BEVERLY HILLS:

BRADBURY: N/A

DOWNEY: N/A

DUARTE:

HERMOSA BEACH: N/A

HIDDEN HILLS: N/A

LOS ANGELES: Under the current open system, it is difficult to get accurate numbers from the hundreds of haulers operating in the city. Our numbers are self-reported from permitted waste haulers, but their numbers can be under-reported or not reported at all from unpermitted haulers.

LYNWOOD: The two biggest challenges with this program are unwillingness to participate and high cost to implement the program.

MANHATTAN BEACH: N/A

PALOS VERDES ESTATES: At this time, with only residential curbside collection under a franchise agreement, it is challenging to obtain accurate tonnages from other program areas. City staff intends to initiate this RFP process after due diligence is done. Ideally the new franchise hauler agreement will be in place sometime in FY17/18

POMONA: N/A

RANCHO PALOS VERDES: N/A. The City's consultant keeps a monitoring list for all commercial accounts that shows threshold, compliance, program, and outreach efforts.

REDONDO BEACH: Some locations feel that it's too much work.

ROSEMEAD: In the past we have offered a food waste program to commercial customers but did not have a good turn out.

SIERRA MADRE: N/A

SOUTH GATE: N/A

TORRANCE: N/A

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

15456 Tons

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

Explanation:

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ARTESIA: N/A
BEVERLY HILLS: 1,518.09
BRADBURY: N/A
DOWNEY: N/A
DUARTE: 93.75
HERMOSA BEACH: N/A
HIDDEN HILLS:
LOS ANGELES: 12,950.74
LYNWOOD: 187.59
MANHATTAN BEACH: 654.50
PALOS VERDES ESTATES: N/A
POMONA: N/A
RANCHO PALOS VERDES: N/A
REDONDO BEACH: N/A
ROSEMEAD: N/A
SIERRA MADRE:
SOUTH GATE: 51.11
TORRANCE: N/A

ARTESIA:
DOWNEY: No commercial customers have enlisted collection for organic recycling collection.
DUARTE:
HERMOSA BEACH: Franchise hauler has reported that no businesses have subscribed to organics waste collection service at this time. Two major grocery stores backhaul organics to distribution centers, unable to quantify diversion tonnage at this time.
LYNWOOD: No commercial accounts receive organics collection from the City's franchised hauler. One account claims self-haul tonnage, reported as 187.59 tons in year.
PALOS VERDES ESTATES: At this time, with only residential curbside collection under a franchise agreement, it is challenging to obtain accurate tonnages from other program areas. City has begun the process of notifying property owners. Business owners and tenants to be able to obtain a franchise agreement with one hauler to service all waste and recycling needs for the City.
POMONA: No customers have signed up for program, however haulers are working with customers.
RANCHO PALOS VERDES: Documented diversion for 2016 was from third-party programs, which did not provide tonnages.
REDONDO BEACH: No businesses are participating.
ROSEMEAD:
SIERRA MADRE:
TORRANCE: N/A

INFRASTRUCTURE AND BARRIERS

Per [AB 876 \(McCarty, Chapter 593, Statutes of 2015\)](#), the first three fields in this tab, #1, #1a, and #2, are only to be answered by counties and regional agencies (RA).

The following is guidance on how to report if a regional agency does not consist of all of the jurisdictions in a county:

- Since the county and RA(s) all report in the EAR, CalRecycle recommends that the county coordinate with the RA(s) and discuss how they want to compile their data. For example, it would be acceptable if the data is for the county as a whole and not broken out by RA. In the EAR, regional agencies and the county could report the same data and explain that the data is for the county as a whole. Each reporting entity would need to include this information.

The [Facility Information Toolbox \(FacIT\) database](#) can assist local jurisdictions in identifying organic facilities within a "reasonable vicinity" to comply with the Annual Reporting requirements in AB 1826. Please see the user guide ([Tool to Identify and Map Waste Recycling Facilities](#) (PDF, 1.8 MB)) to see how this tool may be able to help you. Also, see [AB 876 \(Organics Management Infrastructure Planning\) Guidance](#) and the associated [AB 876 \(Organics Management Infrastructure Planning\) Calculator](#). An "Export to Excel" function is available on this calculator and can be uploaded to this report using the "Document Management" button on the Additional Info tab of the Mandatory Commercial Organics Recycling (MORE) Section of this EAR.

1. An estimate of the amount of organic waste in cubic yards that will be disposed by the county or regional agency over a 15-year period: 0

a. An estimate of the additional organic waste recycling facility capacity in cubic yards that will be needed to process the amount of organic waste identified in #1 above: 0

2. Pursuant to AB 876 include areas identified as locations for new or expanded organic waste recycling facilities capable of safely meeting the additional organic waste recycling facility capacity need identified in #1a above.

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 franchise haulers have proposed to utilize 39 facilities, and of those, 13 facilities will have to be constructed or improved.

The Department will consider the following types of questions in evaluating responses regarding how you are or have identified locations for new or expanded organic waste recycling facilities capable of safely meeting the additional organic waste recycling facility capacity need identified in #1a above:

1. Have met as a county, regional agency, or even a broader geographic region to discuss areas or locations where new organics diversion facilities can be placed or existing facilities can be expanded?
2. Have you considered how different types of organics, e.g., food waste and yard waste, will affect your capacities and types of facilities you will need?
3. Have you already identified areas or sites through some type of public process? If so, please provide that information. If not, how and when will you go about doing this?
4. Have you assessed existing MRFs and diversion facilities that could be used for co-location, and assessed closed or abandoned sites that could be used again?
5. Have you identified existing diversion facilities in your area that are permitted to accept organics, and have you assessed the amount of additional material they can process?
6. Are there any existing contracts in place between the jurisdictions or facilities that could limit the amount of new organic material that can be taken to existing facilities?

Per [AB 1826 Chesbro \(Chapter 727, Statutes of 2014\)](#), the following questions are to be answered by reporting jurisdictions for progress achieved in implementing commercial organics waste recycling program.

3. Please provide the names of organic waste recycling facilities within a reasonable vicinity and the capacities available for materials to be accepted at each facility.

Based on a search of the organics recycling facilities within Los Angeles County using the FacIT database (<http://www.calrecycle.ca.gov/FacIT/Facility/Search.aspx#LIST>), a list of 31 facilities using their average annual capacity data (high end) was generated. This includes chipping and grinding, anaerobic digestion, and composting facilities. For the next year, this search will also include adjacent counties.

Adams Garden Supply
Griffith Park Composting Facility - 10,000 tons/year
Antelope Valley Public Landfill - 10,000 tons/year
C&M Topsoil Inc. - 10,000 tons/year
Cal Blends Inc. - 10,000 tons/year
Calabasas Landfill
Davey Tree Surgery CO - 10,000 tons/year
Dept of Rec & Parks Greenwaste Rec - 50,000 tons/year
Evergreen Recycling, Inc. - 50,000 tons/year
Falcon Wood Waste Grinding and Storage Op - 300,000 tons/year
Foothill Soils, Inc. - 50,000 tons/year
Gardeners Community Service - 10,000 tons/year
Greencycle, Inc - 100,000 tons/year
Griffith Park Composting Facility - 10,000 tons/year
GS Brothers, Inc. - 300,000 tons/year
GWS, Inc. - 10,000 tons/year
Harbor St Maintenance Dist Yard, Mulching Facility AND SAFE Collection CTR - 100,000 tons/year
Joint Water Pollution Control Plant (JWPCP) - 49,999 tons/year
Lopez Canyon Environmental CTR - 50,000 tons/year
North Hills Recycling, Inc. - 300,000 tons/year
Oak Tree Worm Farm - 110,000 tons/year
Ornelas Wood Recovery Inc - 50,000 tons/year
Pebbly Beach (Avalon) Disposal Site - 10,000 tons/year
Ralphs Renewable Energy Facility - 199,999 tons/year
Recology Los Angeles - 300,000+ tons/year
Recycled Wood Products - 50,000 tons/year
Rent-a-Bin (Inert Type A Operation) - 100,000 tons/year
RJ's Alondra Chipping and Grinding Op., 355 W Alondra Blvd, Gardena - 100,000 tons/year
RJ's Chipping and Grinding Operation, 1135 E Florence Ave, Inglewood - 100,000 tons/year
Van Norman Chipping and Grinding Facility - 300,000 tons/year
Whittier Fertilizer Co. - 10,000 tons/year

4. Please describe existing solid waste and organic waste recycling facilities within the jurisdiction that may be suitable for potential expansion or colocation of organic waste processing or recycling facilities.

The City of Los Angeles CLARTS facility will be expanded to include organics processing.

5. Please describe efforts of which the jurisdiction is aware that are underway to develop new private or public regional organic waste recycling facilities and the anticipated timeline for completion of those facilities.

Under the City of Los Angeles' new franchise system (recyclA), the seven haulers are required to invest over \$200 million towards infrastructure development over the length of the contract. In order to meet city and state requirements, the service providers for the franchise have proposed to utilize 39 facilities, and of those, 13 facilities will have to be constructed or improved. LARA cities will continue to explore options for diverting organics from landfills.

6. Please provide a list of closed or abandoned sites that may be available for new organic waste recycling facilities.

Over the next year, LARA cities will look into closed or abandoned sites for the feasibility of developing or siting new organic waste facilities.

7. Please describe other nondisposal opportunities or markets (on-site composting, etc.) available to covered entities in the jurisdiction.

Over the next year, LARA cities will look into onsite composting, use of a dehydrator, in-vessel composting equipment, and any other nondisposal opportunities that may become available.

8. Please describe efforts of which the jurisdiction has engaged in food waste prevention and recovery and opportunities available to covered entities in the jurisdiction (e.g. food donation, partnerships with local food runners and/or food banks, changes in local government and school programs to otherwise reduce and/or donate food waste).

LARA has partnered with Food Finders, a food recovery organization which LARA members are actively promoting to their businesses. In addition, under the City of LA Franchise System (recycLA), the service providers are required to partner with organizations for reuse and food rescue.

9. If available, please describe appropriate zoning and permit requirements for siting a new organic waste recycling facility within your jurisdiction.

In the City of LA, the most appropriate location for a new organic waste recycling facility will be in the Light Industrial (M2) and Heavy Industrial (M3) zones.

10. Please describe any incentives available, if any, for developing new organic waste recycling facilities within the jurisdiction.

RMDZ funding may be available for development of new organic waste recycling facilities.

11. Please describe any efforts the local jurisdiction is participating in or aware of to promote local markets for processed organic material (e.g. through jurisdiction purchases of material, education to residents/businesses to purchase materials).

The City of LA provides free mulch to residents. The City of LA also produces compost which is used within city departments and sold to landscape companies under the brand TOPGRO.

12. Describe any waste and recycling service rate adjustments implemented or planned in your jurisdiction and how they target the diversion of organic waste and/or fund organics recycling infrastructure development.

The cost of an organics recycling container is the same as the black container. The addition of organics recycling services can lead to a decrease in disposal fees for businesses due to downsizing of their black container or decreasing pickup frequency.

13. Any Barriers? Yes

Please indicate any known barriers to siting or expanding organic waste recycling facilities in the area, such as inability to site a facility locally and specific reasons like opposition of community groups or government officials, availability of markets, budgetary issues, public health and safety concerns, low population density, distance to markets, or cost to process material is prohibited due to small amount of material, etc.

If there are identified barriers that are in the jurisdiction's control, please provide a summary of the jurisdiction's plan to remedy the barriers that are under its control.

The barriers to siting and expansion of organics waste recycling facilities include environmental justice concerns, opposition from residents and local community groups, cost of the development of new and existing facilities, lack of available sites to develop the facilities in the appropriate zoning areas.

ENFORCEMENT, SELF-HAUL REQUIREMENTS, AND EXEMPTIONS

The following elements do not need to be implemented as part of the jurisdiction's organic waste recycling program; however, if the jurisdiction implements any of these, then the jurisdiction is required to report on any efforts related to these provisions.

1. Has the jurisdiction implemented any enforcement measures for covered businesses (including multifamily) that are not in compliance? If so, please describe.

LYNWOOD: Non-compliant commercial accounts receive additional follow-up from the City.

POMONA: In 2017, Burrtec will work with the City to provide non-compliance letters to MORE affected entities that are not compliant. Affected businesses and multi-family dwellings that opt not to participate will be asked to complete a declination statement.

2. Has the jurisdiction implemented any certification requirements for self-haulers? If so, please describe.

No

3. Have any exemptions been granted? (Exemptions noted in the law include lack of sufficient space to provide additional bins, current business practices already result in a significant reduction in its organic waste (can be revoked 2020), the business does not generate at least one-half cubic yard of organic waste per week, limited term exemptions unforeseen events) If so, please describe.

No

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?

HERMOSA BEACH: Cost, inconvenience and lack of interest in organics recycling by businesses are the main obstacles in the implementation of organics recycling.

LOS ANGELES: Based on the estimate of 30% of landfilled tonnage is organics, City of LA is currently disposing about 1.1 million tons of organic waste per year. For restaurants, food manufacturing, and food handling businesses, up to 70% of their waste can be organics. There are many challenges and barriers to implementing the requirements of AB 1826. There are not enough infrastructure to handle the amount of organics being disposed. Siting and development of these facilities is a long, expensive process. Organics recycling is also costly for businesses. The City will target large generators first, and as more capacity becomes available, smaller generators will be phased in.

ROSEMEAD: In 2017, the City and its hauler completed a comprehensive city-wide audit. The audit includes reviewing the tiers for all businesses generating food waste. The goal of each auditor was to promote business source reduction and food donation program. LARA provided each city with a Food Finders trifold to created partnerships. Today, Republic Services food waste team is working with businesses that are interested in setting up a partnership. Since most businesses cook as requested, our only obstacles are mostly with grocery stores that do not have a take back or back-haul program

Brief description of additional information files, including calculation data for infrastructure planning.