

## Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)

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**Summary Generated On:** Thursday, July 28, 2016, 10:39:06 AM

### Summary

**Jurisdiction:** Los Angeles Area Integrated Waste Management Authority  
**Report Year Filed:** 2015  
**Report Status:** Submitted

### Submitted Information

**Date Report Submitted:** Thursday, July 28, 2016  
**Report Submitted By:**  
NADY MAECHLING (nady.maechling@lacity.org)

### Jurisdiction Contact

**Jurisdiction Contact:** Nady Maechling  
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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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<b>Reporting-Year Disposal Amount (tons):</b>	4,654,944.41
<b>Disposal Reduction Credits (Reported):</b>	
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
	0.00
<b>Total Disposal Reduction Credit Amount (tons):</b>	0.00
<b>Total Adjusted Reporting-Year Disposal Amount (tons):</b>	4,654,944.41
<b>Reporting-Year Transformation Waste (tons):</b>	127,170.71

Reporting Entity	Quarter	Destination Facility	Transformation Ton
Los Angeles	1	Commerce Refuse-To-Energy Facility	12,835.24
Los Angeles	1	Southeast Resource Recovery Facility	24,095.37
Los Angeles	2	Commerce Refuse-To-Energy Facility	8,187.76
Los Angeles	2	Southeast Resource Recovery Facility	21,148.57
Los Angeles	2	Covanta Stanislaus, Inc.	27.68
Los Angeles	3	Commerce Refuse-To-Energy Facility	6,627.94
Los Angeles	3	Southeast Resource Recovery Facility	23,875.76
Los Angeles	4	Commerce Refuse-To-Energy Facility	6,957.88
Los Angeles	4	Southeast Resource Recovery Facility	23,414.51

<b>Reporting-Year Population:</b>	4,862,279
<b>Reporting-Year Employment:</b>	2,031,624

**Reporting-Year Calculation Results (Per Capita)**

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	Population		Employment	
	Target	Annual	Target	Annual
Disposal Rate without Transformation (pounds/person/day):		5.2		12.6
Transformation Rate (pounds/person/day):	1.4	0.1	3.5	0.3
<b>The Calculated Disposal Rate (pounds/person/day)</b>	<b>7.1</b>	<b>5.1</b>	<b>17.5</b>	<b>12.3</b>

**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:**

We had one (1) addition to our NDFE in 2015:  
NDFE #79- Universal Waste Systems 24th St. TRANSFER STATION

**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.

### 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

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**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**

<b>Parent Company:</b>	Arakelian Enterprises Inc.		
<b>Hauler Name:</b>	Athens Services - Palos Verdes Estates		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b>	Arakelian Enterprises Inc.		
<b>Hauler Name:</b>	Athens Services - Redondo Beach		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b>	Arakelian Enterprises Inc.		
<b>Hauler Name:</b>	Athens Services - Sierra Madre		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b>	Arakelian Enterprises, Inc.		
<b>Hauler Name:</b>	Athens Services - Hermosa Beach		
<b>Franchise Hauler:</b>	Yes		
<b>Activities</b>	Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	Yes	<b>Contract End Date:</b>	
<b>The hauler information is correct.</b>			

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<b>Parent Company:</b>	Athens Services		
<b>Hauler Name:</b>	Athens Services - Torrance		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b>	Burrtec		
<b>Hauler Name:</b>	Burrtec Waste Industries Inc - Bradbury		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b>	Burrtec		
<b>Hauler Name:</b>	Burrtec Waste Industries Inc - Duarte		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b>	Burrtec		
<b>Hauler Name:</b>	EDCO Waste and Recycling Services - Torrance		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b>	Cal Met Services		
<b>Hauler Name:</b>	Cal Met Services - Torrance		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b>	Cal Met Services Inc		
<b>Hauler Name:</b>	Cal Met Services Inc - Downey		

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<b>Franchise Hauler:</b>	No	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
<b>Notes:</b>		
<b>New Hauler:</b>	No	<b>Contract End Date:</b>
<b>Parent Company:</b>	City of Los Angeles	
<b>Hauler Name:</b>	City of Los Angeles - Los Angeles	
<b>Franchise Hauler:</b>	No	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
<b>Notes:</b>		
<b>New Hauler:</b>	No	<b>Contract End Date:</b>
<b>Parent Company:</b>	City of Los Angeles	
<b>Hauler Name:</b>	Los Angeles Sanitation - Los Angeles	
<b>Franchise Hauler:</b>	No	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
<b>Notes:</b>		
<b>New Hauler:</b>	No	<b>Contract End Date:</b>
<b>Parent Company:</b>	City of Pomona	
<b>Hauler Name:</b>	Pomona Solid Waste Division - Pomona	
<b>Franchise Hauler:</b>	No	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
<b>Notes:</b>		
<b>New Hauler:</b>	No	<b>Contract End Date:</b>
<b>Parent Company:</b>	City of Torrance	
<b>Hauler Name:</b>	City of Torrance - Torrance	
<b>Franchise Hauler:</b>	No	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
<b>Notes:</b>		
<b>New Hauler:</b>	No	<b>Contract End Date:</b>
<b>Parent Company:</b>	CR and R	
<b>Hauler Name:</b>	CR and R - Torrance	
<b>Franchise Hauler:</b>	No	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	



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<b>Notes:</b>		
<b>New Hauler:</b>	No	<b>Contract End Date:</b>
<b>Parent Company:</b>	Crown Disposal	
<b>Hauler Name:</b>	Crown Disposal - Torrance	
<b>Franchise Hauler:</b>	No	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
<b>Notes:</b>		
<b>New Hauler:</b>	No	<b>Contract End Date:</b>
<b>Parent Company:</b>	Crown Disposal Company Inc	
<b>Hauler Name:</b>	Crown Disposal Company - Beverly Hills	
<b>Franchise Hauler:</b>	No	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
<b>Notes:</b>		
<b>New Hauler:</b>	No	<b>Contract End Date:</b>
<b>Parent Company:</b>	Edco Waste and Recycling Services	
<b>Hauler Name:</b>	Edco Waste and Recycling Services - Rancho Palos Verdes	
<b>Franchise Hauler:</b>	Yes	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Residential,	
<b>Notes:</b>		
<b>New Hauler:</b>	Yes	<b>Contract End Date:</b>
<b>The hauler information is correct.</b>		
<b>Parent Company:</b>	L and S Disposal	
<b>Hauler Name:</b>	L and S Disposal - Torrance	
<b>Franchise Hauler:</b>	No	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
<b>Notes:</b>		
<b>New Hauler:</b>	No	<b>Contract End Date:</b>
<b>Parent Company:</b>	Liberty Disposal Service	
<b>Hauler Name:</b>	Liberty Disposal Service - Torrance	
<b>Franchise Hauler:</b>	No	
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,	
<b>Notes:</b>		

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<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> Patriot Services			
<b>Hauler Name:</b>	Patriot Services - Torrance		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> Republic Services			
<b>Hauler Name:</b>	Consolidated Disposal Service LLC - Artesia		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> Republic Services			
<b>Hauler Name:</b>	Republic Services - Artesia		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> Republic Services			
<b>Hauler Name:</b>	Republic Services - Rosemead		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> Republic Services			
<b>Hauler Name:</b>	Republic Services - Torrance		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> Republic Services			

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<b>Hauler Name:</b>	Waste Resources Inc. - Lynwood		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> Rivas Disposal Services			
<b>Hauler Name:</b>	Rivas Disposal Services - Torrance		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> S and H Disposal and Recycling			
<b>Hauler Name:</b>	S and H Disposal and Recycling - Torrance		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> Serv-Wel Disposal			
<b>Hauler Name:</b>	Serv-Wel Disposal - Torrance		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> Universal Waste Systems Inc.			
<b>Hauler Name:</b>	Universal Waste Systems Inc - Rancho Palos Verdes		
<b>Franchise Hauler:</b>	Yes		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b> Ware Disposal			
<b>Hauler Name:</b>	Ware Disposal - Torrance		
<b>Franchise Hauler:</b>	No		

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<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	
<b>Parent Company:</b>	Waste Management		
<b>Hauler Name:</b>	USA Waste of California Inc - Los Angeles		
<b>Franchise Hauler:</b>	No		
<b>Activities</b>	Curbside Recycling - Residential,Solid Waste Hauler - Commercial,Solid Waste Hauler - Residential,		
<b>Notes:</b>			
<b>New Hauler:</b>	No	<b>Contract End Date:</b>	

**SRRE and HHWE Diversion Programs**

**1000-SR-XGC (Xeriscaping/Grasscycling)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 4227.4	Selected in SRRE: Yes
		Owned or Operated: Yes

**Selected Program Details:**  
Xeriscaping | Grasscycling | Xeriscaping | Grasscycling

**Jurisdiction Notes:**

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

BEVERLY HILLS: True Green Land Care is the City's contractor for all the City's landscape medians. The City has xeriscaping at three major city facilities (2 parks and City Hall) for a total of 30,000 sq. ft. 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 is continuing to encourage 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.

DUARTE: The City and its contractor Valley Crest grasscycled approximately 44 acres of turf per year with mulching mowers at the jurisdiction's 13 parks.

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

HIDDEN HILLS: The City encourages residents to utilize xeriscaping and grasscycling methods when performing maintenance or redesign of their landscaped areas. The City has a demonstration garden around City Hall that demonstrates water wise landscaping.

LOS ANGELES:  
Airports (LAX)  
Grasscycling: Ongoing, LAWA continues to collect grasscycling and green waste. The collected grass is mixed with green waste which is taken to an LASAN composting facility. LAWA is replacing large turf areas with drought tolerant landscape.  
Harbor  
Green Waste Recycling POLA: (2014 should have been 457.01 tons) Green Waste Recycling & Diversion Programs remain the same: grasscycling acreage remains the same and mulching facility drop-off is slightly less due to xeriscaping and low rainfall.  
Recreation and Parks  
Grasscycling: RAP leaves all grass clippings from mowing operations onsite  
Water and Power  
Green Waste Handling: The LADWP is exploring the potential for conversion of all LADWP facilities to California Friendly Landscaping. With turf replacement, there is a reduction in the green waste generated. Typically, California friendly plants and natives do not need to be manicured as often 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](http://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.

PALOS VERDES ESTATES: The City encourages residents to utilize xeriscaping and grasscycling methods when performing maintenance or redesign of their landscaped areas.

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 grasscycles at all of its 15 parks and encourages the use of native and drought tolerant plants and landscaping. The City promotes incentives offered by other agencies for drought tolerant landscaping.

REDONDO BEACH: City staff grasscycles at city parks, medians, schools and other public areas. The local cemetery also grasscycles.

ROSEMEAD: The City continues to promote the grasscycling program. In 2015, the City changed their medians and planter areas to xeriscaping. At the City Beautification event, the community cleaned up the Savannah Cemetery and completed an installation of mulch, and planting of California native plants. The City hired a goat herder with 250 goats to eat and "recycle" the grass at the Cemetery. The cemetery is 4 acres.

SIERRA MADRE: The City provided three workshops on xeriscaping in 2015. Again, the programs were included as part of a city wide water conservation effort and were provided by a grant from our water district, but were helpful for source reduction of green waste as well. City crews continue use grass clippings on public sports fields and park areas.

SOUTH GATE: The City promotes grasscycling through South Gate Park, a 184-acre City Park that includes a golf course and other amenities, and Hollydale Park, a 56-acre City park that includes an equestrian center, that together generate 1281 tons of grasscycling annually.

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. New 6.2-acre Toyota soccer field of artificial turf contributed to city total of 1165 tons. A demonstration site at the Madrona Marsh promotes xeriscaping and grasscycling in its yard waste and composting outreach efforts.

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

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 435.25	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." Stater Brothers has a compost program in place for old produce.

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.

DOWNEY: The City hosted four Smart Gardening Workshops in 2015. Smart Gardening program has a booth at the yearly Environmental Fair at "Kids day". The City hosts two free mulch events where residents can receive 64 gallons of mulch.

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, applying the processed trimmed materials to the Green Belt. Franchise hauler sponsors Free Compost Give-Away events to residents and will provide compost to the Public Works Department and other City departments upon request. The City continues to encourage residents to compost at home offering composting and vermiculture bins at reduced cost to residents upon request. The City sponsors 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. 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 Los Angeles County Smart Gardening Workshops to residents via the City's monthly newsletter. Residents may utilize composting techniques in their private yards. The City also promotes Las Virgenes Municipal Water district programs.

**LOS ANGELES:**

**LA Sanitation**

Backyard Composting Program: LA Sanitation holds 24 free composting workshops each year with an average of about 30 attendees at each event. Compost bins are sold to residents at a discounted price.

LYNWOOD: City continues to provide backyard composting information on their website [www.lynwood.ca.us](http://www.lynwood.ca.us).

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.

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.

RANCHO PALOS VERDES: The City held two free mulch giveaway events, as well as a backyard composting workshop in 2015. Approximately 31

people were in attendance, and 36 compost bins were sold and approximately 33 tons or 66,000 lbs. of free mulch was given away. In 2015, 18

residents received monetary compost rebates of up to \$70 each from the City.

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 "Composting Made Easy" flyer is handed out at City Hall, Library and Public Works Offices. The flyer is also shared at all community events.

SIERRA MADRE: Compost Bin giveaway program planned for 2016.

SOUTH GATE: The City of South Gate had a robust program of water reduction and promotion of drought tolerant landscaping and water saving practices. The City continues its chipping program on the DWP right of way.

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 (378 tons this year). Tonnage from residents is based on 100 lbs. per composting unit sold by City, a total of 28 bins were sold this year 24.25 cumulative tons.

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**1020-SR-BWR (Business Waste Reduction Program)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 8773.68	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. Stater Brothers has several source reduction programs such as expired meat and milk processing.

DOWNEY: The City's waste hauler offers free waste audits and continues to offer recycling bins at no charge for MCR.

DUARTE: AB 341 continues to be a priority for both the City and Burrtec Waste Industries. In 2015 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 waste assessments annually encouraging waste prevention / reduction and the reuse of materials when possible. Businesses continue to reuse plastic totes, cardboard boxes and pallets.

HIDDEN HILLS: There are only two businesses in the City, and both facilities try to limit their waste and recycle their paper.

LOS ANGELES:  
LA Sanitation  
Commercial Business Waste Assessment 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 2015, WRI conducted 25 site assessments to determine current waste minimization and recycling activities by the business community. The assessments include a review of current waste reduction and recycling activities, as well as identification of new or expanded opportunities, with suggested steps to implementation. Businesses were identified through targeted outreach and requests by the business community.

MANHATTAN BEACH: Manhattan Beach ended pilot and began citywide food waste program on 8-1-15 for businesses. Also, 5 new businesses were added to the City's Green Business Program. The Manhattan Beach based Grades to Green Non-Profit won the South Bay Business Environmental Coalitions SEED Award for Innovation in Sep. 2015.

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.

POMONA: The franchise haulers provide outreach to businesses on a quarterly basis to existing commercial users and target new customers.

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

REDONDO BEACH: As part of business recycling outreach, businesses are taught about waste reduction options as well as recycling.

ROSEMEAD: The hauler promotes business wide recycling and source reduction programs at all community events. The business recycling program was promoted at the Concerts in the Park, City Beautification Day, and Annual Lunar New Year. The audit found the many of the Top 20 businesses in the City have 3rd Party cardboard baling, plastic, food waste, scrap metal and wood recycling.

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 WM promote business source reduction. Businesses are aware of the WRAP Awards.

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 over the past 10 years. 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 Styrofoam (expanded polystyrene) cups for coffee, and also to purchase recycled paper.

BEVERLY HILLS: Zero Waste study was launched in December 2015; results will be used to develop procurement practices. The City purchases paper with recycled content and the fleet Division purchases recapped tires. The City purchases supplies through Office Max and chooses EPP products as much as possible.

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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: City purchasing policies encouraging the purchase of recycled products have been ongoing since 1991 with a codifying ordinance enacted in 1995. 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 but makes efforts to purchase supplies with recycled contents.

LOS ANGELES: The City adopted its Environmentally Preferable Purchasing (EPP) Ordinance in 2009, promoting the purchase of EPP products wherever possible and requiring that each department report on their EPP purchases on an annual basis.

Airports (LAX)

Modify Purchasing Practices: LAWA continues working to develop a department wide Environmental Preferable Purchasing policy, LAWA also created a cross-divisional Environmental Preferable Purchasing 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 Recycled Products Purchasing Program. The total expended for calendar year 2015 is \$24,795,040.68.

Recycled Content Procurement GSD: In compliance with the Buy Recycled 2000 ordinance, GSD Construction Forces is constantly looking for material that contains recycled content for use in City projects. The division purchased recycled carpet rolls and tiles, glass spheres, access hole cover and rings, and restroom partitions.

Harbor

Buy Recycled Program POLA: Extensive work performed for EPP Report FY 2014-2015 to City, including products & services, descriptions, amounts, EPP attributes, total expenditures, etc. Important to note that: The EPPP is a component of the Harbor Department's Environmental Management System (EMS) which is part of the international Organization for Standardization (ISO) 14001:2004 certification.

LA Sanitation

Environmentally Preferable Purchasing: LASAN continues to review specifications in soon-to-expire contracts for EPP opportunities in future bids. LASAN held an EPP basics training class and workshops on paper industry trends and environmental product certifications; vendor fairs showcased EPP office and maintenance products. City departments designated EPP coordinators in response to LASAN General Manager memo.

Water and Power

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.

Buy Recycled 2000 Program: The LADWP has an Environmentally Preferred Purchasing Policy which includes buying recycled products. The EPP was formally adopted by LADWP on Nov. 2, 2014. We purchase materials such as office supplies, office equipment, construction materials, vehicles, etc. Purchasing/Supply Chain is responsible for the procurement purchases as well as monitor/implementation of procurement practices.

LYNWOOD: The City continues to evaluate options to improve monitoring of the procurement process. City ordinance allows 10% price credit for recycled-content products. City now purchases 100% recycled-content paper. A letter to all departments from the City Manager reminded department heads on the importance of purchasing recycled-content products, including office supplies.

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 encourage employees to use "reusable" products.

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 related to paper purchasing, road repair projects, etc.

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 is working on a formal procurement policy and continues with their sustainable efforts. The City Manager has issued EPP Policy memo on May 19, 2016 to comply with the purchase of sustainable and environmentally friendly products.

SIERRA MADRE: The City continues to follow its Environmental Purchasing Policy which includes source reduction considerations in procurement. The Natural Resources Commission (meets once a month) has identified this as an area to energize.

SOUTH GATE: The City has a formal, written procurement policy on purchasing recycling products. The City's procurement officer is responsible for all procurement and the Auditor monitors practices.

TORRANCE: 2002 purchasing policy in place. Many departmental efforts in place; shop rags, all paper products made with recycled content, plastic lumber in parks equipment, recycled tire pathways in parks, roads resurfaced with recycled rubberized asphalt.



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**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, and recycling presentation was given to the elementary school.

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

HERMOSA BEACH: The City continues to work with the franchise hauler and Hermosa Beach City School District on source-reduction and waste prevention programs in the two schools. The franchise hauler will implement a source-separated recycling program at the two schools by fall, 2016 including a food waste recycling program. Students currently source-separate paper, beverage cartons and organics in classrooms and the cafeteria.

LOS ANGELES:  
LA Sanitation  
LAUSD Program Educational Presentations: Republic performs educational presentations at all LAUSD campuses. 341 school audits were conducted.

MANHATTAN BEACH: Hauler Waste Management is required to perform minimum 500 outreach hours in the schools annually. In 2015, they performed 527. All other programs continued as usual.

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.

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 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 elementary public schools in the City. In 2015, over 200 students attended the events. The City also promotes the Los Angeles County Department of Public Works environmental assemblies at schools. There are three intermediate public schools, seven elementary public schools and no public high schools in the City.

ROSEMEAD: In 2015, Republic Services began servicing the school district. All schools have recycling bins on campus.

SIERRA MADRE: Three of the private schools in Sierra Madre make concerted efforts of reducing school source reduction. Sierra Madre Community Nursery School continues to be very progressive in rehabilitating supplies and equipment, using non disposable plates and utensils, and a general education of the values of recycling and source reduction. The Gooden School has zero trash lunch events throughout the school year to promote the value of source reduction. Staff is happy to say that one of the public schools in the City, Sierra Madre Elementary was observed to have put more energy into the source reduction efforts, spear-headed by a sustainability-minded group of teachers. The other Public School, Sierra Madre Middle School had been under construction, and now that the construction is complete, it is expected that efforts will evolve.

SOUTH GATE: All schools in South Gate are LAUSD; recycling is being handled by LAUSD's hauler. The City encourages the schools to recycle; to the best of the City's knowledge, all schools are recycling. In addition, WM has provided recycling containers and services to charter and private schools in the City including International Study High School and Aspire Firestone Academy and partnered with the City and the Rotary Club of South Gate to create a food donation drive at all the local schools to benefit the local food pantry. 15 96-gal. carts were donated and filled with food to benefit the needy.

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

**1050-SR-GOV (Government Source Reduction Programs)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 972.43	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: City's computers default to print double-sided. The City purchased and installed refill water stations, and gave out reusable cups to employees. City's Zero Waste plan will include more source reduction programs once developed.

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.

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**DOWNEY:** The City has implemented an Environmental Preferable Procurement Policy which alerts City employees regarding purchasing reusable items. City continues double-sided copying and encouraging staff to use reusable cups and plates. City purchases recyclable toner cartridges for all departments.

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

**HERMOSA BEACH:** The City continues to mulch and grasscycle 47.39 acres of City Parks, ball fields and Green Belt. City departments continue to practice double-sided copying and returned 241 ink jets / toner cartridge to vendors for reuse. The Public Works Department continues to reuse pallets and metal street signs and posts.

**HIDDEN HILLS:** The City recycles bottles, cans, batteries, printer ink cartridges and paper utilized at City Hall. In addition, the City makes every attempt to minimize the use of multiple copies of documents.

**LOS ANGELES:**

**Airports (LAX)**

Lease Agreement: Ongoing, no change in status

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 coordinator storage of the units for later reuse.

Green Waste Recovery Contract Language: Cost savings from repair of furniture/equipment requires an additional tracking system. Cost savings from Reuse and reflected under new program titled "Project Reuse."

**Harbor**

Duplex Printing and Copying: Program Ongoing. Duplex rate remains the same, less RFPs in 2015, and Copy Center estimates paper savings by way of document scanning is now 3%-5% of the 3.34 million images handled annually; there is a 20MB limit for emailing large documents, so anything larger is then placed on a thumb drive.

Non Food Item Donations: In 2015, Salvage numbers include Port Police equipment along with Harbor Dept. items and were mostly electronics and 2-way radios (electronic tonnages not included in numbers). The Public Affairs department also arranged a Goodwill Donation program in 2015 and the Port staff still participates in the greeting card collection program.

**Los Angeles Zoo**

Computerized Landscape Water Management System: 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. Modifications made for the CA drought by performing repairs as-needed and through frequent program maintenance. The Zoo is currently working with a vendor to ensure that each clock is working properly for the type of plant zones watered and season, and will also identify modifications to decrease water output where possible. These will include changing the irrigation heads to increase the droplet size to reduce wind drift and evaporation, while facilitating water landing on targeted areas more efficiently.

Alternative Fuel Vehicles: The LA Zoo has an Alternative Fuel Vehicles program. There is a limited amount of vehicles for use on Zoo grounds or to conduct Zoo business off grounds; some of them are alternative fuel vehicles; two are bicycles. 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. One of the hybrids serves as the Zoo's fleet vehicle for off-site errands and meetings. Security staff assigned at the Zoo also utilizes bikes to patrol the Zoo. Employees are encouraged to rideshare and utilized alternative modes of transportation to and from work.

**Recreation and Parks**

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

Green Waste Grinding: Recreation and Parks processes all green waste generated from tree care operations for use as mulch at the Griffith Park Co-Composting Facility. The Mulch is either re-used in our park landscapes or is provided to LA Sanitation for composting.

**LA Sanitation**

Pen Recycling: LASAN recycled 22.6 lbs. of pens.

CitiMAX Program: City was able to reuse an estimated 5,338.5 lbs. of office supplies and equipment.

Second Chance Week Campaign: No toy or clothing drives in 2015.

Other Activities/Donation/promotion: LASAN received 1,196 lbs. of nonperishable food donations.

**Water and Power**

Duplexing and Recycled-Content Paper Products: Per GM bulleting 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.

Green Waste 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

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less and use electronic copies of reading materials. In 2013 the purchased copier has a set default option to duplex and all office printing paper is 30% recycled content paper. This program reviews the number of printouts per copier at various regular intervals and is promoted through the bid specifications.

**Food Waste Recovery Program:** The LADWP documents daily food waste in a chart that is sent to corporate. The food waste is a collection of food prep items (skins, peels, fat, seeds, etc.) and expired food. The program is promoted and discussed through Sodexonet.

**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.

**LYNWOOD:** On-site mulching is performed at various City park locations (Lynwood City Park, Ham Park, Los Amigos Park, traffic circles). City copiers/printers are set to duplex print by default and the use of email/scanning over printed documents is encouraged when distributing documents. Memo pads are made from scrap paper.

**MANHATTAN BEACH:** In July 2015, City Council adopted a citywide food waste recycling program for residential and commercial customers. Residential program began Sept 1, commercial began Aug 1. City Council approved participation in the Compact of Mayors initiative, reinforcing its commitment to climate action. As part of the program, the City will take stock of greenhouse emissions and the current effects of climate change in the community, create an action plan including clear and ambitious emissions reduction targets, and implement a common system of measuring those emissions and monitoring climate risks.

**PALOS VERDES ESTATES:** The City encourages staff to reduce waste by reusing materials, purchasing recycled materials, as well as using reusable cups and utensils.

**POMONA:** The City departments continue to practice double-sided copying and returning ink to vendors for reuse. Recycling bins are provided at desks.

**RANCHO PALOS VERDES:** The City utilizes double sided printing and purchasing recycled-content material whenever possible or feasible. Many documents are reviewed electronically to save paper, and email is used to transmit memos.

Recycling flyers are posted in employee lunch areas.

**REDONDO BEACH:** Staff has not actively encouraged source reduction techniques to citywide staff, however, laser printers are set to print on both sides and the City Council agenda is doubled-sided.

**ROSEMEAD:** The City went through a City Hall remodel and all material was sent to mixed processing. The City posts council agendas, staff reports, RFPs on website, and Council Members use iPads rather than printed copies.

**SIERRA MADRE:** The City follows its Environmental Purchasing Policy which includes source reduction considerations in procurement. The Natural Resources Commission (meets once a month) has identified this as an area to energize.

**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 battery collection and recycling program as well as the lamp and mercury containing device collection and recycling programs.

**TORRANCE:** The City employees normally practice a number of source reduction activities. Double-sided copying, use of ceramic mugs and metal utensils, increasing 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 efficiencies 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: 537.65	Selected in SRRE: Yes
		Owned or Operated: Yes

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**Jurisdiction Notes:**

ARTESIA: Every quarter the city sends out a newsletter to residents that includes information on the Bi-Annual Cleanup. The City also allows residents to attain a garage sale permit at City Hall and estimates 85 permits in 2015.

BRADBURY: The City continues to participate in the C&D program. It has also established a partnership the San Gabriel Unity Center for item donations.

DOWNEY: Waste hauler's customer service department and Public Works Staff encourage donation of reusable items before scheduling bulky item waste pickups. There are several thrift shops currently located within city limits.

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 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. The City sold 32 yard sale permits in 2015. 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 ten scheduled Saturday Book Sale dates annually.

**LOS ANGELES:**

LA Sanitation

L.A. SHARES: L.A. SHARES: L.A. SHARES continues to accept donations at two (2) warehouses, as well as accept donations online via the online lottery system. In 2015, L.A. SHARES received 661 donations totaling 536.85 tons and \$5,718,365.25.

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 2015 reuse events included a shoe and Halloween costume drive.

POMONA: The City has several thrift shops throughout the City for residents to recycle.

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, available on the City's website and mailed out.

REDONDO BEACH: Several thrift shops exist in the city where residents are able to sell or purchase pre-owned items.

ROSEMEAD: The City held its Annual Community Yard Sale in March 2015 at the So Cal Edison Yard. Republic Services promoted donation and reuse programs in the Spring and Winter 2015 Recycle Today newsletter.

SIERRA MADRE: The Woman's Club in Sierra Madre runs a non-profit thrift shop throughout the year, publicizing an average of 3 events per year of special events to increase participation. The City continues to sponsor a yearly Community Yard Sale, and unsold items are now donated to material exchange organizations.

SOUTH GATE: The City encourages businesses and residents to use the CalMAX and LA County's LACoMAX exchange programs, and the freecycle program. Both libraries in the city collect used books.

TORRANCE: Torrance promotes Freecycle, CalMAX and LACoMAX. The City has several Goodwill and Salvation Army drop-off sites. The City continues to promote Food Finders as well as the new Habitat for Humanity Store location in Torrance. Many grocery stores and restaurants donate to food banks.

**1070-SR-OTH (Other Source Reduction)**

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:**

LOS ANGELES:

Airports (LAX)

Other Source Reduction LAWA: Ongoing no change in status

Harbor

Water Bottle Refill Stations: No new stations were installed in 2015.

Installations Hand Dryers: No new hand dryers have been installed in 2015.

RANCHO PALOS VERDES: The City hands out recycled content reusable bags, pens, etc. at events including special events, including the PV Marathon, Whale of a Day, Fourth of July, and Coastal Cleanup Day and the annual HHW round-up. Mulch is also given away at the shredding events. There are also two brush collection events held in the spring and fall to collect excess green waste to assist with fire prevention.

SIERRA MADRE: It was observed that the City could use some additional energy in office source reduction efforts. There continues to be a number of employees that do an excellent job. We plan to recognize these employees for annual LARA awards.

SOUTH GATE: The City won the 2015 Beacon Award during the 2015 League of California Cities for its contributions in reducing greenhouse gas emissions, saving energy and adopting policies and programs that create a more sustainable community. South Gate is the first city in southern California to win the Beacon Award. South Gate received a silver level Beacon Award for the following achievements: 11% GHG Reductions by the City; 7% GHG Reductions by the community; 12% savings in Energy by the City; Sustainability Best Practices. To create a more energy efficient community, the City of South Gate replaced 45 percent of the street lights with LED lighting and upgraded the lighting in its facilities. The city also adopted a water conservation policy which led to a 17-percent drop in water consumption this year when compared to June of 2013.

TORRANCE: Continuing reusable bag giveaways, some exchanges with plastic bags (through storm drain pollution outreach).

**2000-RC-CRB (Residential Curbside)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 219156.29	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, through the City, and at community events.

BEVERLY HILLS: The City prescribes to a two-stream system. Recyclables and refuse are commingled and separated at a Material Recovery Facility through an agreement with Recology.

BRADBURY: Residents utilize 15, 60, 90 gallon recyclable cans, which are monitored by our hauler.

DOWNEY: The City hauler CalMet collects a 3-bin system. Residents may downgrade bins to 35 gallons.

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 2,347 tons of commingled residential recycling and an additional 360 tons recovered from mixed waste processing. The franchise hauler provides 20, 35, 64 and 90 gallon waste bins; residential customers select the size of their recycle and waste bins based on their anticipated disposal rate and the service rate varies according to size. The franchise hauler reports that 75% of residents choose the 64 gallon bin. Single-family dwellings are provided with a green waste collection bin upon request to the franchise hauler; franchise hauler reports a 10% participation rate in this residential green waste recycling program. There is a charge by the franchise hauler for residential green waste recycling bins. The green bin is for the collection and recycling of yard trimmings only, including organic materials generated in landscapes or gardens. Food waste cannot be placed in the green waste bin. The franchise hauler mails a brochure quarterly to residential accounts with information on community events including document shredding, e-waste collection, composting workshops, 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.

HIDDEN HILLS: The City's exclusive hauler for residential waste is Waste Management (WM). Residents are provided with recycling, green waste and manure containers which are serviced by WM via a valet service.

LOS ANGELES:

LA Sanitation

Multifamily Blue Bin Recycling Program (MFRP): 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

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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 2015 the MFRP serviced approximately 17,000 properties with 403,000 units and diverted 15,238.77 tons from landfill. The MFRP staff and private haulers held four quarterly meetings to discuss issues/concerns and performed approximately 7,262 audits.

**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 insure removal of items. Bulky items are collected on the day of regular trash collection day.

**Residential Curbside Recycling:** LASAN 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 2015, 4,166.41 tons were collected by the curbside mixed waste program.

**MANHATTAN BEACH:** Citywide residential food waste program changed from pilot to citywide. Residents place all food scraps (no restrictions) into a bag (any plastic or decomposable) and place in green cart. The bag keeps the food separate from the yard waste. The food and bags are sent to the hauler's CORE facility, converted to an engineered bioslurry, and then transported to the Carson wastewater treatment plant, placed in an anaerobic digester and converted to energy.

**POMONA:** The City residential service includes a 96-gal. blue recycling container. Red tags are placed on contaminated residential recycling bins with an explanation on why the barrels were not emptied and to provide educational material or to educate for next pickup.

**RANCHO PALOS VERDES:** Residential curbside collection of recyclables provided to all single and participating multifamily units. The City continues the variable rate cart system to encourage trash reduction.

**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 program 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 compost program has not been very successful. 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 lack of limited trash/very low prices contribute to the low participation.

**ROSEMead:** The City and Hauler promotes the curbside recycling program on the City and hauler website, newsletter, and numerous community events. The newsletter is written in English, Spanish, Mandarin and Vietnamese. The spring newsletter reminded residents what materials are recyclable.

**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 green waste 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 3581.85 tons were recycled from a commingled curbside, automated program that is offered to 100% of residents. 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.

**2010-RC-DRP (Residential Drop-Off)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 6	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: Several private Buy Back Centers are located in the City.  
 DUARTE: All City buildings have recycling containers and recycle bins are provided at all City events. Local grocery stores have buyback options. The City conducts two large item clean up events per year that also offer SHARPS and e-waste collection in addition to paper shredding. They are promoted in the City newsletter, website, electronic sign, Twitter and through the hauler as well.  
 HERMOSA BEACH: The City and franchise hauler continue to promote and sponsor free document shredding events, Household Hazardous Waste (HHW) and e-waste collection events and Christmas tree recycling to City residents. Residents are encouraged to take HHW to Los Angeles County S.A.F.E drop-off centers and HHW roundup events.  
 HIDDEN HILLS: The City of Calabasas continues to provide and promote used motor oil, oil filters, anti-freeze, latex paint, and car battery recycling program to the City of Hidden Hills' residents. The City continues to promote this service as well as e waste drop off events twice per month in Calabasas. In addition, the City's waste hauler, WM, hosts a free bulky item pickup event once per year and this event is advertised in the City's monthly newsletter.  
 LOS ANGELES:  
 LA Sanitation  
 Residential Drop Off: Used vehicle tires are accepted from residents at six LASAN District office locations (LASAN Yards). The City also operates seven S.A.F.E. Collection Centers where residents can drop off used motor oil, oil filters, antifreeze, paint, batteries, e-waste, etc. for recycling. It also holds used oil and e-waste mobile events throughout the year.  
 MANHATTAN BEACH: No change.  
 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: City provides information on drop off centers for CRV materials and paper in neighboring jurisdictions including Lomita, Torrance, Redondo Beach and San Pedro.  
 REDONDO BEACH: Residents can take materials to City's Public Works Yard.  
 ROSEMEAD: No changes to the program.  
 SIERRA MADRE: The City continues to maintain its commingled recycling bin at the City Yard. This bin is available 24 hours a day, 7 days a week for all residents and businesses that wish to recycle, and all materials approved for residential recycling are accepted. Collection is busy around holidays.  
 SOUTH GATE: The City has five certified public recycling and drop-off centers which all accept all CRV approved items. The City has implemented recycling in the City park one of the largest city parks at 184 acres. In addition, WM 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.  
 TORRANCE: There are many drop-off options within the City. Many businesses also take different types of materials for recycling. Recent city ordinance restricting the number of drop-off containers allowed in the City and permit requirements will lead to a tracking mechanism. Tonnage is from drop off at WestRock MRF which supplies a drop off bin outside their offices for the public per our contract, estimated as the same as last year.

**2020-RC-BYB (Residential Buy-Back)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 4289.19	Selected in SRRE: Yes
		Owned or Operated: No

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**Jurisdiction Notes:**

ARTESIA: Some stores in Artesia participate in a buyback program.  
 DOWNEY: The City has several privately owned buyback centers, collecting CRV glass, aluminum and plastic.  
 DUARTE: Continuing to promote buyback effort at one center located within a mile of the City in the neighboring City of Monrovia. The one located at the local Ralph's grocery store closed when the store closed in July 2015.  
 HERMOSA BEACH: CalRecycle reports 5.19 tons of aggregate diversion.  
 LYNWOOD: There are 2 buy-back centers in the City. Totals for 2015 have not been received yet. The City distributed large calendar pamphlets providing information on beverage container recycling locations.  
 MANHATTAN BEACH: No change.  
 POMONA: The City has a few businesses that offer buyback. Materials accepted are aluminum, cardboard, glass, plastics, newspapers, magazines and scrap metal, including stoves, refrigerators, washers and dryers, and all types of steel.  
 RANCHO PALOS VERDES: City provides information on buy back centers in neighboring jurisdictions.  
 REDONDO BEACH: No buyback centers are located within the City. The City promotes outside recycling centers on our website. The City has the beverage container recycling centers next to supermarkets.  
 ROSEMEAD: No changes to the program. The City has one recycling center located on Garvey Ave.  
 SOUTH GATE: There are five buy back centers located in the City.  
 TORRANCE: A number of buyback sites, privately owned, are operated in the City offering residents and those without curbside collection an opportunity to recycle. As with most programs, we promote through our website, brochures and other outreach activities, the data is collected from state buyback program.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 150157.47	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: 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 offers mixed waste processing and provides recycling bins for free.  
 Print: MCR flyers and brochures are available at public counters.  
 Electronic: MCR information is available on the City website.  
 Direct Contact: The City held 3 public outreach events in which MCR flyers were distributed.  
 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. At the inception of AB 341 in 2012, the City met with CalRecycle to discuss this issue.  
 Electronic: The City's website has a link to the LARA website which has a portal of facts related to AB 341.  
 DOWNEY: Education/outreach: The City mailed out a Mandatory Commercial Recycling AB 341 letter to all MFC and Commercial Accounts not recycling. There are 503 covered commercial accounts; the number of covered commercial accounts not recycling with franchised hauler is 91. There are 530 multifamily accounts with 5+ units and the number of covered multifamily not recycling is 20. Monthly information is printed on all franchised hauler bills about AB 341 requirements. This information is supported by the franchised haulers outreach (SORT report) and their website, as well as the City's website. All Commercial and MFC were sent a letter from the City addressing the mandatory AB 341 Recycling law. From the letter there were 16 audits; 10 for MFC and 4 elected to recycle and 10 for Commercial accounts and 0 elected to add recycling serves. In addition, the City and CalMet obtained additional recycling information from MFC and Commercial customers.  
 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. Staff is also exploring acquiring a grant from CalRecycle to further tap into this segment.  
 HERMOSA BEACH: Franchise hauler reports 3,755 tons diversion from mixed waste processing including paper, plastics, cardboard and mixed metals.  
 MCR (AB 341) Plan:  
 I. EDUCATION AND OUTREACH  
 A. All Media: The franchise hauler continues to assist the City upon request with AB 341 articles and/ or press releases.  
 B. Electronic Media:  
 1. Website: The franchise hauler continues to develop and maintain an interactive webpage providing contact information



to customers, the display of holiday schedules, sharps program information, proper HHW disposal procedures and other solid waste information. The city continues to post AB 341 and other solid waste information on its website.

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

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

**C. Mailings and Print Media:**

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

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

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

**D. Direct Contact**

**General Outreach:**

1. Personal Liaison / Direct Contact: The franchise hauler continues to retain on its staff an individual who routinely visits civic groups, school assemblies and science classes, homeowners' associations, multifamily complexes and businesses. Staff attends town hall type outreach meetings promoting and explaining MCR programs and participating in demonstrations and civic events. The City's solid waste consultant continues to conduct 20 business technical assistance site visits annually distributing AB 341 information to City businesses.

2. Community Events: The franchise hauler continues to participate in and promote MCR efforts at community events including Earth Day, Compost giveaways and e-waste and sensitive document shredding events.

3. Facility Tours: The franchise hauler continues to offer City customers and organizations tours of its recycling and other solid waste facilities upon request. The franchise hauler will distribute an educational brochure printed on recycled paper on MCR programs. The franchise hauler continues to mail Earth Wise Newsletter quarterly to all commercial accounts.

**Multifamily Owners and Residents:**

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

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

**Business Owners:**

1. Promotional Information: Businesses continue to receive a quarterly newsletter from the franchise hauler with information regarding recycling, proper use of the containers and other information as requested by the City. Each new business receives a commercial brochure which details the programs and services provided. The franchise hauler continues to provide businesses with promotional information, flyers and instructional posters made from recycled paper to assist in the implementation of a comprehensive waste reduction and recycling program including information on what cannot be placed in the recycling containers (e.g. HHW). The City's solid waste consultant continues to conduct 20 business technical assistance site visits annually promoting AB 341 and providing educational outreach materials to City businesses.

2. Promotion of Environmental Programs: The City and franchise hauler continue to develop a comprehensive program to promote the following:

- Reduction of solid waste disposal and promote recycling. AB 341 educational outreach is performed annually by the solid waste consultant during business technical assistance site visits.

- Becoming energy and water efficient

- Purchasing of products that are less harmful to human health and the environment. The City continues to research purchasing options of post-consumer recycled-content products. The City has a Recycled Products Procurement Policy.

- Minimization of pollution contributions

- Helping to improve indoor air quality and reduce smog formation

- Education of businesses and their customers and employees about waste recycling and reduction. MCR educational outreach is performed annually by the solid waste consultant during business technical assistance site visits.

3. Consultation with Businesses: The franchise hauler will continue to provide initial and ongoing consultation to businesses who request assistance with the development, implementation and continuation of waste reduction and recycling programs. There were no requests made for this consultation in 2014. The solid waste consultant continues to provide AB 341, waste reduction, waste prevention and source-separated recycling information during annual business technical assistance site visits.

**II. MONITORING**

The City and franchise hauler have 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

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volumes of commercial and multifamily solid waste collected and a characterization of solid waste generated, disposed, transformed, diverted or otherwise processed by account type.

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.

III. REPORTING:

1. MCR Accounts: The franchise hauler reports 256 multifamily accounts and 274 commercial accounts. 196 accounts meet AB 341 criteria. AB 341 Commercial Accounts: 120. AB 341 Multifamily Accounts: 76. AB 341 diversion tonnage is included in commercial diversion tonnage.

2. Monitoring Summary: All multifamily and commercial MCR accounts are in compliance with AB 341 through the franchise hauler's mixed waste processing system.

3. MCR Policy: The City's Mandatory Commercial Recycling Policy resolution remains in effect.

4. Educational Outreach: The City, franchise hauler and solid waste consultant continue to develop and distribute AB 341 educational outreach materials.

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 the waste hauler.

LOS ANGELES:

Airports (LAX)

Implement Enhanced OCC Recovery Programs: Ongoing no change in status

Re Use and Materials Recovery Depots: Ongoing no change in status

Commingled source separated container recycling: Ongoing no change in status

Magazine Recovery: Ongoing no change in status

Film Plastics Recovery: Ongoing no change in status

Administrative and Terminal Source Separation Program: Ongoing no change in status

Harbor

Cabrillo/Marina Program: The Marina programs are not owned by the Port. These are tenants that handle their own trash & recycling activities.

LA Sanitation:

Mandatory Commercial Recycling: LA Sanitation held about 100 outreach events. MCR Flyers continue to be distributed at these events. LASAN also visited 26 Council Field Offices to promote MCR and distribute flyers for community events. MCR info is posted on LASAN website, ab341la.org, and social media accounts.

Total Number of Businesses: 74,432; Commercial: 49,943; Multifamily: 21,017; 45,421 commercial businesses not recycling; and 10,839 multifamily dwellings not recycling.

Water and Power

Commingled Rubbish: The LADWP has a Commingled Rubbish program collected from JFB and other DWP facilities. The small/medium trash receptacles empty into larger bins and are serviced by LASAN.

LYNWOOD: The City's hauler offers mixed material recycling service for commercial and multi-family customers. In 2015, 7,080.09 tons were collected. As of Dec. 31, 2015, there were 885 commercial accounts. Of the 378 accounts (232 commercial, 143 MFD, and 3 SFD) in the City subject to the mandatory commercial recycling regulation, 4 contract for source-separated recyclables and none contract for source-separated green waste, although all used mixed waste processing. All businesses in the City were informed of the program multiple times per year. Non-compliant commercial accounts receive additional follow up from the City.

Print: All commercial accounts received information regarding AB341 compliance.

Electronic: The City and hauler's websites have AB341 information posted.

Direct contact: Recycling is promoted at City events and when contacting business for waste assessments.

MANHATTAN BEACH: On-site pickup expanded in 2015 to include citywide food waste recycling for all customers beginning Aug 1. Outreach sent to businesses. Businesses have a custom program because of varying needs and service levels, so each business needs to be "set up" separately. Over 30 businesses using food waste program in 2015.

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. In addition, a survey was sent out to each commercial facility and multifamily facility to confirm their recycling efforts.

POMONA: There are four non-exclusive franchise haulers approved to operate in the City of Pomona. The haulers issue flyers to the commercial customers in addition to performing onsite surveys to discuss AB 341.

RANCHO PALOS VERDES: 1,980.5 tons of recyclables were collected. 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. A total of 48 businesses were subject to AB 341; 30 of which were non-compliant. A total number of 34 multifamily complexes were subject to AB 341; none of which were non-compliant. The City also commenced outreach with Businesses and Multifamily Residences relating to the implementation of AB 1826.

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.

Print: Hauler sent out Mandatory Commercial Recycling information in billing insert and City brochure

Electronic: Websites of City and Hauler advertise MCR

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ROSEMEAD: In 2015, the Chamber of Commerce board members toured Republic Services CVT facility in Anaheim. Commercial Recycling is promoted in all 4 quarters of the "Recycle Today" newsletter.

SIERRA MADRE:  
 Print: Mandatory Commercial Recycling messaging was conducted by the contract hauler with staff approving all printed and mailed communications.  
 Electronic: The City was able to finally update the website and access to messaging and the MCR was added toward the last third of 2015  
 Direct Contact: Direct Contact was only accomplished to 3 of new businesses with environmental outreach topics.

SOUTH GATE: A total of 45,465.38 tons of recycling generated. 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. There are 356 businesses subject to MCR; 145 of those businesses are recycling, and 211 are not to the best of our knowledge. There are also 129 multifamily complexes; only nine of which are recycling to the best of our knowledge.  
 Print: AB 341 letter and flyer were distributed  
 Electronic: City website has information on AB 341  
 Direct Contact: WM met with 17 businesses to set up or right-size recycling and/or organics programs in 2015

TORRANCE: Torrance is an open city with a permit program for haulers to operate. They renew annually through the business license system. The City offers free recycling containers to businesses under the Beverage Container Grant Program. AB 341 progress: insert in business license mailing; dedicated website; brochures at all events as part of regular program outreach and education; direct assistance as requested on behalf of tenants; added program information to main outreach brochure. Hauler survey for 2015 shows (unaudited data): 1,626 customers meet criteria; of those 725 have recycling programs, 46% of the affected businesses and 40% of the affected multifamily complexes. This is a large decrease from the prior year's data, which may have been inflated. Will try to audit results this year.

**2040-RC-SFH (Commercial Self-Haul)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 49996	Selected in SRRE: Yes
		Owned or Operated: No

**Jurisdiction Notes:**

ARTESIA: City-wide audit from 2014 found 119 businesses were participating 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 back-haul recyclable materials including pallets, organic scrap, cardboard, office paper and plastic totes / racks.

LYNWOOD: WRI conducted 25 site assessments to determine 3rd party and self-haul recycling activities by the business community.

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 were no projects with commercial self-haul reported in 2015.

ROSEMEAD: Updated audit results found most businesses continue to participate in some level of 3rd party recycling.

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.

**2050-RC-SCH (School Recycling Programs)**

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

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**Jurisdiction Notes:**

ARTESIA: Waste Disposal has several recycling programs for the 10 schools they service in the city.  
 BEVERLY HILLS: Franchise hauler, Recology Los Angeles, implements mixed waste processing/separation for all schools in Beverly Hills Unified Schools. Source separation takes place in Sun Valley CA at Recology LA facility.  
 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 uses franchised city hauler CalMet for all solid waste.  
 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 to Green continue to source-separate organics, paper and beverage containers in the lunch room. The City, 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 to Green, a school parents group, continues to provide 3Rs and other environmental educational materials to the students. Grades to Green curriculum and educational outreach focused on water conservation in 2015. The school parent group also sponsors The Garden Club with parent docents operating the school community garden with students participating in its operation. The franchise hauler donated \$1000.00 to Grades to Green program.  
 HIDDEN HILLS: The only school in the City does have a recycling program. They recycle bottles, cans and paper.  
 LOS ANGELES:  
 LA Sanitation  
 Los Angeles Unified School District Curbside Recycling: 482 schools are enrolled in the program through LA Sanitation, and 1,550 schools are enrolled in the program through Republic Services.  
 LYNWOOD: Lynwood USD's hauler provides recycling services. In partnership with the school district, 5 utility boxes were painted with recycling themes by local students.  
 MANHATTAN BEACH: Ongoing.  
 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.  
 RANCHO PALOS VERDES: The City sponsored Earth Day assemblies in conjunction with the hauler at two schools. In 2015, over 200 students attended the events. The City notifies the schools and teachers of recycling workshops aimed at educators and grant opportunities from CalRecycle and other agencies.  
 REDONDO BEACH: All of the schools have recycling and some have composting programs. The City has very little contact with the schools.  
 ROSEMEAD: Republic Services awarded \$1000 scholarships to five - college bound seniors for their "Environmental Partnership" essays. The scholarships were awarded at City Council meeting in May.  
 SIERRA MADRE: There are two private schools in Sierra Madre that are outstanding in their efforts to promote recycling. The one of the two public schools has made gains in their efforts. Staff provided 3 presentations to the public elementary school.  
 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, WM 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. There was one elementary school in the Trash Free Lunch Challenge this year.

**2060-RC-GOV (Government Recycling Programs)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 44523.89	Selected in SRRE: Yes
		Owned or Operated: Yes

**Jurisdiction Notes:**

ARTESIA: There are desk-side and larger recycling bins. All recycling in offices go to larger recycling bins outside the building.  
 BEVERLY HILLS: The City participates in toner/cartridge recycling.  
 BRADBURY: The Civic Center recycles all material it can and that is reflected in program 2030.  
 DOWNEY: The City Public Works Department recycled green waste, wood chips, tires, electronic waste, metals, cardboard and used oil. The City and Police Department recycle by shredding paper sensitive documents, toner and cartridge recycling. City tree trimmings are recycled as required per city tree trimming contract.  
 DUARTE: City Hall and City Yard both receive commercial onsite pickup of recyclable materials. Government recycling tonnages are included with commercial on-site pickup  
 HERMOSA BEACH: The Public Works Department recycled 130 tons of C & D including asphalt and concrete reported in

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4060-SP-CAR, 99 tons of green waste, 4.8 tons of mixed metal scrap reported in 4040-SP-SCM, 2.19 tons of automobile and truck tires reported in 4020-SP-TRS and 26 tons of wood scrap. 180 gallons of used oil and 36 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 eight surplus vehicles in 2015 including sedans, small SUVs, small vans and light trucks, 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. HIDDEN HILLS: The only City facility is City Hall. Batteries, printer ink cartridges, paper, and bottles and cans are source separated and recycled and there is a recycling 3 yard container that is serviced by WM for comingled recyclables. The tonnages reported in program 2030 Commercial On-Site Pick-up.

### LOS ANGELES:

#### Harbor

Administrative Office Recycling Program: The comingled 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: Ongoing.

#### Los Angeles Zoo

Zoo wide recycling: The Zoo-wide recycling program includes recycling of cardboard, paper, beverage containers, Zoo Visitor Maps, metal, pallets, construction debris, toner cartridges, computers, and green waste. The Zoo participates in BOS' copy paper, mixed paper, and plastic container recycling efforts by strategic placement of green, brown, and blue recycle bins in office areas. The Zoo also participates in the City's Battery Recycling Program. There are recycle bins next to trash bins throughout Zoo grounds with a "Rascal the Recycling Raccoon" decal on each; Zoo employees participate in the recycling activities described above. The programs are promoted through "Rascal the Recycling Raccoon" image to promote recycling on grounds; a Zoo Visitor Map recycling bin is provided at the Zoo exit; Zoo staff and the public are encouraged to recycle plastic bottles and cans as part of the Zoo's overarching conservation mission; and the Zoo's Education Division includes conservation messages in its class curriculum for all age groups, and develops a portion of the Zoo's annual Earth Day activities.

#### LA Sanitation

City Facilities Recycling Program (CFRP): The CFRP crew provides blue bin service at nearly 300 sites. City departments designated recycling coordinators in response to LASAN General Manager memo. Conducted site visits and implemented recycling at S.A.F.E. Collection Centers.

Toner Cartridge Recycling: City's remanufactured cartridge vendor collected and recycled approximately 11,000 (17,237 lbs.) of ink/toner cartridges

#### 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. The American Shredding bins are placed throughout the building to collect paper (261.58 tons). The comingled ABC recycling bins accept paper, plastic, and aluminum (702.01 tons).

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. Clean Harbors – Streets Waste Manifest Summary

MANHATTAN BEACH: Government recycling is merged with the commercial recycling tonnage. The City received a GREEN REPORT from Office Depot outlining the successes and areas of opportunity for Government purchasing with the City's account. Report has been submitted to LARA. City has over 100 public comingled 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.

PALOS VERDES ESTATES: Government offices continue to recycle comingled materials and green waste generated on premises.

POMONA: City Hall/City Facilities received a weekly pickup of blue containers 13 tons, plus 7 tons record destruction.

Mostly paper and other recycling products are in the containers. Also 164.54 tons of green waste were generated by City Crew maintaining Reservoir Sites and Street Crew called out on emergency trees/limbs down. 5.24 tons report by Hauler.

RANCHO PALOS VERDES: The City continued its periodic evaluation of recycling programs at City Hall and City Parks in 2015. Desk-side recycling bins are distributed and available to all staff.

REDONDO BEACH: All City locations have recycling bins. All desks are equipped with trash and recycling containers. The same materials are collected at the curbside. No action was taken with AB 75.

ROSEMead: The City has mixed recycling programs in the yard, library, and offices.

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 Public Library. Source separated bins at Community

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Center, City Hall and Library.  
 SOUTH GATE: A total of 3314.04 tons were collected, WM, collects recycling from all governmental offices and facilities. The City offices all have a robust recycling program promoted by both the City and WM. More than 50% of material generated is paper; the next largest commodity is cardboard. Materials also include cans, glass, and plastic.  
 TORRANCE: Full office program in place. Each cubicle has a desk-side recycling bin, trash and recyclables separately. Recycling at all communal areas, in kitchens, copy rooms, staff rooms, meeting rooms, and break rooms everything except organics. Collections also include electronics, toner cartridges, florescent bulbs and batteries. Data is from city contracted trimming 304 tons, capital projects for asphalt/concrete 1231 tons and asphalt zipper 34,196 tons.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 2168.52	Selected in SRRE: Yes
		Owned or Operated: No

**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 green waste for compost.  
 BRADBURY: The City and its hauler Burrtec participate in the LA County Sanitation District Annual Christmas Tree Recycling Program.  
 DOWNEY: The City collects Christmas Trees through the City's franchise hauler. The City collects additional leaf collection in November through the City's franchise hauler.  
 DUARTE: A total of 12.79 tons of Christmas trees was collected by City's franchise hauler, Burrtec Waste. The Electronic waste, clean rock/dirt/gravel, metal, tires, and green waste 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 in 3000-CM-RCG and 7040-FR-ADC.  
 HIDDEN HILLS: The City of Hidden Hills recycled approximately 132 trees with the Los Angeles County Sanitation District Annual Christmas tree Recycling Program. Residential drop-off sites are City Hall and Community Center; curbside pickup is also available.  
 LOS ANGELES:  
 LA Sanitation  
 Christmas Tree Drop Off/Collection: LASAN continues to collect Christmas trees during the holiday season.  
 LYNWOOD: In 2015, 19.42 tons of Christmas trees were collected for mulching/composting through curbside pickup for 2 weeks after Christmas.  
 MANHATTAN BEACH: No change.  
 PALOS VERDES ESTATES: The City's franchised waste hauler collects Christmas trees after the holiday season and processes with their green waste 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 pick up for residents. The resident calls in and schedules the date on their normal trash pickup day.  
 RANCHO PALOS VERDES: 150.58 tons of bulky items collected. The City's hauler continues to collect Christmas trees for recycling. The totals collected are included in green waste 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.  
 ROSEMEAD: The City continues to promote the Annual Book Recycling program, City Beautification Day in February and June. The Beautification event is for special cleanups in specific areas in the City.  
 SIERRA MADRE: The City continued its Christmas tree recycling program in 2015. The City also recycles park green waste 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: 32.48 tons in Christmas were collected in 2015. 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 69 tons, brush removed by goats totals 19 tons and City facilities scrap metal totals 23 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: 154.3	Selected in SRRE: Yes

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		Owned or Operated: No
<p><b>Jurisdiction Notes:</b>                  ARTESIA: The City has the Just Dump It (legally) Campaign for bulky items, and the annual Household Hazardous Waste and Ewaste Roundup.                  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 2015, 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 a special Electronic Waste Recycle &amp; Paper Shredding event sponsored by Downey Rotary Club.                  HERMOSA BEACH: The franchise hauler conducted two free document shredding events in partnership with the City. Each shredding event was for eight hours.                  LOS ANGELES:                  Airports (LAX)                  Special Event Recycling: Ongoing, LAWA or Tenant request for recycling containers when having a special function, the yearly book fair at the Westchester shopping center.                  LA Sanitation: In 2015, LASAN serviced a total of 247 events for a total of 18 tons.                  LYNWOOD: In 2015, 2 bulky item collection events and neighborhood cleanups were conducted. A total of 16.9 tons were diverted from these events.                  MANHATTAN BEACH: On site shredding event took place at the end of April, required as part of the hauler's franchise agreement.                  PALOS VERDES ESTATES: Environmental expo.                  POMONA: The City conducts six community clean-up events each spring. The residents can bring bulky items, used oil and filters, white goods, and e-waste. The Police Department also hosts a shredding event each year for residents.                  RANCHO PALOS VERDES: 25.00 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 also given away at the shredding events. 47.33 tons were collected from two brush collection events held in the spring and fall.                  ROSEMEAD: In December, The City and Hauler hosted an e-waste and Shredding event. Christmas Tree recycling was 17 tons.                  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.                  TORRANCE: Materials from Earth Day recycling collection event include electronics, shredded paper, shoes/clothes and oil/filters. Recycling by Parks Department include other city events such as fairs, concerts, etc.</p>		

**2090-RC-OTH (Other Recycling)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 142.16	Selected in SRRE: Yes
		Owned or Operated: No

<p><b>Jurisdiction Notes:</b>                  HERMOSA BEACH: The City continues to auction surplus office equipment, furniture and office supplies. In 2015 the City auctioned 8 surplus vehicles including small vans, sedans, light trucks and small SUVs, unable to quantify diversion tonnage at this time. Textiles, carpeting, e-waste, pallets and food waste 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.                  POMONA: The franchise haulers provide recycling-pre-sorted roll-off to its customers.</p>		
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**3000-CM-RCG (Residential Curbside Greenwaste Collection)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 412004.19	Selected in SRRE: Yes
		Owned or Operated: No

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**Selected Program Details:**

Single-family residences | Multi-family residences | Yardwaste | Food Scraps | Single-family residences | Multi-family residences | Yardwaste | Food Scraps

**Jurisdiction Notes:**

ARTESIA: All green waste is collected by the hauler.  
 BEVERLY HILLS: Residential green waste is collected separately by City's staff and processed apart from the mixed waste material. The residential green waste is processed into compost.  
 BRADBURY: The City continues to take green waste to Valley MRF and combined to use as compost.  
 DOWNEY: The City trash hauler provides green waste bins for all residential customers as part of the curbside program (3 bin service).  
 DUARTE: Duarte Green waste is delivered to the Puente Hills MRF which delivers green waste to materials processors for compost and mulch.  
 HERMOSA BEACH: Franchise hauler continues to offer residential green waste collection services upon request with a fee charged for a green waste 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 green waste program.  
 HIDDEN HILLS: The City of Hidden Hill's franchise hauler collects green waste and manure from residents throughout the City. In coordination with CalRecycle, the City calculates manure and green waste as a combined item.  
 LOS ANGELES:  
 LA Sanitation  
 Curbside Collection of Yard Trimmings: 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.  
 Bulky Yard Trimmings Collections:  
 LYNWOOD: In 2015, 2,639.55 tons of green waste was composted.  
 MANHATTAN BEACH: Curbside green waste recycling is available to all residential and multifamily properties at no additional charge.  
 POMONA: The green waste 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: A total of 10,390.26 tons of green waste was collected by the City's hauler, including Christmas trees.  
 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 new 32, 64 or 96-gallon carts. This combination of organics is delivered to a composting facility in Victorville, CA.  
 ROSEMEAD: No changes to the program; all green waste is processed through Ecology.  
 SIERRA MADRE: Residents are provided with unlimited free Green waste 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 green waste after windstorms. This material was collected as a special service by our franchise hauler and used as ADC in Scholl Canyon and Puente Hills landfills. Again, the once popular "chipper program" was not available and staff will need to coordinate with the City's Fire Marshall to determine if this could be reinstated.  
 SOUTH GATE: The City submitted an official letter to CalRecycle detailing its plan for determining the most effective way to collect green waste from residents on Feb 2, 2016.  
 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 green waste from the City.  
 BEVERLY HILLS: Residents and landscapers are allowed to handle their green waste through self-haul.  
 DOWNEY: Residential customers have the option to self-haul green waste and tree trimmings to local MRF/Transfer Station.  
 DUARTE: Residents have the option to self-haul.  
 LYNWOOD: Residents may self-haul green waste to local facilities.  
 MANHATTAN BEACH: Residents may haul their own green waste if they choose, however residents prefer to utilize the free curbside green waste program offered through the City's hauler, Waste Management.  
 PALOS VERDES ESTATES: Residential green waste is accepted at the Palos Verdes Recycling Center. Landscaping and Independent Gardeners self-haul green waste from residential customers.  
 POMONA: Residents have the option to self-haul.  
 RANCHO PALOS VERDES: Residents may haul their own green waste if they choose, however residents prefer to utilize the free curbside green waste program offered through the City's hauler, EDCO.  
 ROSEMEAD: No changes to the program, very little self-haul is taken to landfills.  
 SOUTH GATE: The City has a residential self-hauler green waste program. Residents, gardeners and landscapers are directed to take their waste to composting sites.  
 TORRANCE: Green waste 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: 7588.2	Selected in SRRE: Yes
		Owned or Operated: No

**Selected Program Details:**

Yardwaste | Food Scraps | Soiled Paper Products | Yardwaste | Food Scraps | Soiled Paper Products

**Jurisdiction Notes:**

ARTESIA: Mini malls contract their own gardeners to pick up their green waste, 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 property owners (1, 2, 5+ acres).  
 DOWNEY: Collection of commercial onsite green waste continues by the City's waste hauler.  
 DUARTE: Burrtec Waste Commercial Green Waste Participation Rate 2015 AR: 11%. Green waste is delivered to Puente Hills MRF.  
 LYNWOOD: The City's hauler offers green waste service for its commercial and roll-off customers. In 2015, 7.94 tons were recovered from roll-off accounts.  
 MANHATTAN BEACH: On site commercial green waste recycling is available to all businesses and commercial bin customers at a discounted rate. Tonnage includes MBUSD and green waste collected through the City's landscaper at the Public Works Yard.  
 PALOS VERDES ESTATES: Commercial green waste can be hauled away by a variety of waste haulers. The City does not have an exclusive hauler for commercial facilities.  
 POMONA: The City provides fact sheets on website for landscapers. Haulers reported 382.94 tons, and 1,598.68 tons of street sweeping service debris is recycled as mulch.  
 RANCHO PALOS VERDES: City landscapers utilize green waste bins at the city yard. 265.36 tons of were collected in 2015.  
 REDONDO BEACH: Athens Services collects compostable food and food soiled paper from selected restaurants and a hotel. 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: Athens Services continues to collect green waste from commercial accounts that have such waste. In Sierra Madre, there are very few commercial properties that have much green waste. However, the one fruit canning business that does contribute a good amount of green waste continues to be a good example in their efforts. This tonnage was not tracked/reported by Athens separately. This company has received a LARA award for their efforts.  
 SOUTH GATE: The City does not have a substantial commercial green waste 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: 0	Selected in SRRE: Yes
		Owned or Operated: No

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**Jurisdiction Notes:**

ARTESIA: Gardeners are encouraged to divert green waste when they apply for business licenses.  
 DOWNEY: Commercial customers have the option of self-hauling green waste to MRF/Transfer stations.  
 DUARTE: Voluntary self-haul will continue to be encouraged as a supplemental means of collecting green waste.  
 HERMOSA BEACH: Landscapers continue to haul green waste to facilities that provide a decreased disposal cost for green materials. Unable to quantify diversion tonnage at this time.  
 LYNWOOD: Landscapers continue to use local facilities for diversion activities.  
 MANHATTAN BEACH: Commercial businesses may self-haul green waste, but choose to utilize the services through Waste Management.  
 PALOS VERDES ESTATES: Commercial green waste is accepted at the Palos Verdes Recycling Center. Landscaping and Independent Gardeners self-haul green waste from commercial customers.  
 POMONA: The City provides fact sheets on website for landscapers. Most residential landscapers will use the green waste bin provided at the residence or take green waste to local MRFs.  
 RANCHO PALOS VERDES: Landscapers may take green waste to local facilities.  
 ROSEMEAD: No changes to the program. Most green waste 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 green waste composting site. Gardeners and landscapers are responsible for hauling their own waste, since there is no drop-off site in the City.  
 TORRANCE: Green waste recycling available at local transfer stations. No tracking in place.

**3040-CM-FWC (Food Waste Composting)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 23018.51	Selected in SRRE: Yes
		Owned or Operated: Yes

**Jurisdiction Notes:**

ARTESIA: Stater Bros and other grocery stores state they have a food waste composting program.  
 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.  
 LOS ANGELES:  
 LA Sanitation  
 Restaurant Food Waste Recycling: All permitted waste haulers have the opportunity to participate in the City's commercial food waste diversion program.  
 MANHATTAN BEACH: The City converted its pilot commercial food waste program to a citywide commercial program beginning August 1, 2015 for commercial and September 1, 2015 for residential. Food waste is transported to Waste Management's CORE facility in Orange, CA, where it is converted to an engineered BioSlurry. This BioSlurry is then transported to the LACSD Wastewater Treatment Plant in Carson, CA where it is placed in an anaerobic digester and converted to BioGas. This BioGas powers the WWTP, making it self-sufficient. The tonnage is made of the food waste from Manhattan Beach Studios (movie studio), the City's Pumpkin Race event, and available to all businesses and homes. To increase tonnage with the commercial sector, the food waste route from commercial will be direct hauled from curb to CORE. Residential will continue to be funneled through the T Station for reverse sorting from the green waste.  
 POMONA: The Haulers provide outreach to businesses on food waste composting.  
 RANCHO PALOS VERDES: The City continues to promote food waste diversion. As described in program 1010, the City held free mulch giveaway events, and a composting workshop on September 12th. Approximately 31 people were in attendance and 36 compost bins were sold. The City commenced outreach activities for businesses and multifamily residences for the implementation of AB 1826 through its website and targeted mailouts.  
 REDONDO BEACH: In addition to the programs offered to curbside and commercial customers, many supermarkets have their own programs to compost uneaten produce and other food.  
 SOUTH GATE: A total of 263.23 tons was diverted from landfill in Waste Management's food waste program with several companies, particularly SAM's Club.  
 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.

**3050-CM-SCH (School Composting Programs)**

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

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**Jurisdiction Notes:**

DUARTE: The District composts/diverts approximately 50 tons per year.

HERMOSA BEACH: The Hermosa Beach City School District's Grades to Green Garden Club continues to promote and sponsor on-site composting and vermiculture programs in the designated school garden. Students participate in the garden's daily operations. The franchise hauler made a \$1000.00 donation to the further development of the Grades to Green program.

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 and one school participated.

REDONDO BEACH: All of the public schools have backyard composting bins and many now 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 Gooden School has promoted a new composting program in 2015; however staff was unable to observe their efforts in person.

TORRANCE: Schools are educated about 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.

**3060-CM-GOV (Government Composting Programs)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 33863.2	Selected in SRRE: Yes
		Owned or Operated: Yes

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)**

**Jurisdiction Notes:**

ARTESIA: Artesia has a community garden that uses compost. The City also held several composting workshops in 2015; the most successful of which was during the Go Green Event in September.

BEVERLY HILLS: WCA & TruGreen are the contracted landscapers for the City. WCA collected and hauled material off-site to composting and/or mulching facilities. TruGreen 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 green waste. Street sweeping material is recycled in Gardena.

DOWNEY: City provides free mulch through franchise hauler for residents and City employees twice a year in spring and fall.

DUARTE: City Yard collects green waste. Tonnages included in green waste commercial on site pick up. Green waste is delivered to Puente Hills MRF

**LOS ANGELES:**

Los Angeles Zoo

Yard/Landscape: Twice a week most green waste is delivered to the Griffith Park Composting Facility (GPCF) for compost/mulch production. Materials include leaf litter, manure, all size branches from trees, compostable food waste from animal care; basically all green waste produced at the Zoo. The materials are collected through Zoo staff using Dump Trucks and Bobcats to deliver it to holding pens in the Grounds Maintenance Yard for transport to GPCF. But first is gathered together and placed in holding pens in the Grounds Maintenance yard; manure is collected from 'manure only' trash bins at various locations near animal barns. 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: The Zoo collects and delivers it to the Griffith Park Composting Facility (GPCF) for composting. Materials include Zoo manure, hay and mixed chip park greenery. Any trash etc. is separated from the manure & hay before delivery to GPCF. The compost is eventually sold to the public or given as a donation to Zoo, other City Depts., & LAUSD.

LA 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 months obligation.

Street Services

Brush Clearance: Ongoing.

LYNWOOD: Street sweepings are taken to local MRF for recovery. Tree trimmings are collected by contractor and taken to mulching/composting facility.

MANHATTAN BEACH: Discounted composting bins and worms are available to City staff. The City's street sweeping contractor, Athens Services, composts 90% of the debris collected in the street sweeping process. The City website includes a Green Waste and Backyard Composting page.

RANCHO PALOS VERDES: The City's contractor mulches tree trimmings for use in medians, trails, and for erosion control. The hauler collects green waste from city brush clearing and daily operations [the total collected is included in Special Collection Seasonal, Program 2080 and Residential Curbside Green Waste Collection, Program 3000.

SIERRA MADRE: The City does observe small amounts of 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 2015, the community garden doubled in popularity, and staff was able to notice that the composting practices continued to grow as well.

TORRANCE: Green waste 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. AB 1826 update: City sent out inserts in business license renewals, created dedicated website page and printed brochures as handouts at events. The City also sent letters directly to the 60 businesses that might have met the April 1, 2016 threshold. First survey from private haulers (unaudited and for 2015 only) showed 154 businesses and multifamily homes met the threshold for the first year, of those 57 have a program in place, covering 61% of affected businesses and 15% of affected multifamily.

**3070-CM-OTH (Other Composting)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 325.99	Selected in SRRE: Yes
		Owned or Operated: Yes

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)**

**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: Residents are encouraged to compost on their private property. Manure collected throughout the City is taken offsite for composting. The City also promotes Las Virgenes Municipal Water District classes.  
 LOS ANGELES:  
 LA Sanitation  
 Sale of Subsidized Home Composting Units: Residents can purchase subsidized compost bins for \$20 a bin at all of the composting events. In 2015, a total of approximately 680 units were sold.  
 MANHATTAN BEACH: City offers residents free, unlimited mulch at the Public Works Yard. Residents must bring own tools and bags.  
 POMONA: The Haulers provide outreach to customers on composting.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 258446	Selected in SRRE: Yes
		Owned or Operated: No

**Jurisdiction Notes:**  
 LOS ANGELES:  
 LA Sanitation  
 Biosolids Program: The City owns and operates two separate wastewater treatment systems. A total of 258,446 wet tons (WT) of treated biosolids were produced from January 1 to December 31, 2015 at HTP and TIWRP. 225,934 WT (87.4%) were used for agricultural land applications, 29,371 WT (11.4%) for composting, and 3,140 WT (1.2%) for deep well injection at the Terminal Island Renewable Energy (TIRE) project.  
 MANHATTAN BEACH: Through the City's commercial and residential food waste pilot program, all materials collected are transported to Waste Management's CORE facility in Orange, CA to be converted to an Engineered BioSlurry. This sludge is then transported to the LACSD Wastewater Treatment Plan in Carson, CA where it is placed in an anaerobic digester and converted to BioGas to power the plant, making it self-sufficient.

**4020-SP-TRS (Tires)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 275.14	Selected in SRRE: Yes
		Owned or Operated: No

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**Jurisdiction Notes:**

ARTESIA: The citywide report found 200 tires recycled by Costco  
 BEVERLY HILLS: Tires from city vehicles are recycled by a contractor. Any abandoned tires found in city are sent to Recology.  
 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. City also participated in Tire Amnesty Grant Program with two recycle tire events held in 2015.  
 DUARTE: LA County sponsors tire recycling events throughout the year at the City of Hope and is part of a multi-city grant funded by CalRecycle with a focus on tire collection thus will have the opportunity to host more events over the next two year cycle.  
 HERMOSA BEACH: The Public Works Department recycled 46 automobile tires at 20 lbs. each per USEPA and 46 truck tires at 75 lbs. each per USEPA totaling 2.19 tons diversion. Franchise hauler recovered tires during mixed waste processing, unable to quantify diversion tonnage at this time.  
 LOS ANGELES:  
 Airports (LAX)  
 Tire Recycling –Tenant (LAX): Fleet Management reported tire recycling for LAWA's Fleet  
 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.  
 Retread Tire Program: City of LA participates in retread tire program throughout City fleet to avoid unnecessary disposal and encourages purchase of retread tires. GSD purchased \$1,133,170.23 in retread tires.  
 Harbor  
 Tire Recycling Contract: Program ongoing.  
 LA Sanitation  
 LA Sanitation Tire Recycling: In 2015, LASAN collected a total of 18,994 tires from various sizes to include passenger tires, light truck tires, truck tires and off-road tires.  
 Street Services  
 Tire Salvage: Ongoing, until June 30, 2015. The removal of discarded rubber tires from the public way was turned over entirely to LA Sanitation on July 1, 2015 and is a service no longer provided by the Bureau of Street Services.  
 LYNWOOD: The City promotes tire recycling opportunities. In 2015, the City's hauler collected 2.34 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. In 2015, 187 tires weighing 25 lbs. each and 9 tires weighing 90 lbs. each were recycled for a total of 5120 pounds.  
 POMONA: The City has vendor that collects tires 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 14.50 tons, plus 4.15 tons reported for City facilities.  
 RANCHO PALOS VERDES: The City utilizes rubberized asphalt concrete on its arterial road overlay projects when possible.  
 ROSEMEAD: Tires are collected by the bulky item. The City does not have a tire maintained program on site.  
 SOUTH GATE: The City has ongoing tire diversion programs collecting tires from the City Yard and from City alleys and on city through ways. The City contracts with the Peterson Group to divert tires but does not have current tonnage information from them.  
 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 2014/2015 regional tire grant, the City was the lead city along with Gardena and Duarte. 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: 328.69	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)**

**Jurisdiction Notes:**

ARTESIA: As part of the citywide bulky item program, white goods are collected at no charge. The program continues to be very successful.

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 San Gabriel Unity Center. Non-functioning items are recycled as E-waste.

DOWNEY: Bulky items picked up for residential customers by franchised hauler at no charge.

DUARTE: White goods are also collected at community clean up days.

HERMOSA BEACH: Franchise hauler continues to provide white goods collection to residents upon request and is classified as a "Bulky Item Pickup"; 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: Waste Management picks up white goods placed curbside at residential dwellings and takes to their facility to process accordingly.

LOS ANGELES:

LA Sanitation

On Call Pickup Program for White Goods: LASAN collects large metal and household appliances, such as refrigerators and washers and dryers, from all residents serviced by the City of Los Angeles free of charge.

Water and Power

RETIRE (Refrigerator Turn In and Recycle): The RETIRE program offers residential electric 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 are also being used. In addition posters in the contact centers and flyers were sent to City agency public counter, libraries, etc.

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

MANHATTAN BEACH: Waste Management collects white goods from the curb at no additional cost to residential and multifamily cart customers through the bulky item program. Businesses are charged a nominal fee to have white goods collected at the curb.

PALOS VERDES ESTATES: Athens 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.

REDONDO BEACH: The hauler collects white goods and sends items to a recycler.

ROSEMead: White goods are collected curbside in the bulky item program. The City hosted two 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: White goods were collected and recycled in 2015 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: 1215.82	Selected in SRRE: Yes
		Owned or Operated: No

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**Jurisdiction Notes:**

ARTESIA: The City recycles scrap metal through Hi Waste Disposal Co.  
 BEVERLY HILLS: All scrap metal collected is processed by Recology LA.  
 BRADBURY: Scrap metal continues to be reported as part of the construction and demolition debris. See comments under Program 4060.  
 DOWNEY: City Public Works Yard recycles metal.  
 DUARTE: Scavenging is affecting tonnage. Also, there are fewer calls for service for bulky item pickup.  
 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 report. The Public Works Department recycled 4.8 tons of mixed metals.  
 LOS ANGELES:  
 Harbor  
 Ferrous Metals Recovery Program: Programs ongoing. Scrap metal recycling: 45.82 tons. NO Scrap metal recycling reported on Section 01 74 20 City of LA Department of Public Works, Construction and Demolition Waste Management reports (C&D Recycling Reports), which is why the tonnages dropped significantly from 2014 reported numbers.  
 Harbor Tenant Diversion  
 Marina Engine Exchange Program: April 2, 2015 — As part of its ongoing commitment to improve air quality in the local area, the Port of Los Angeles has revitalized and expanded its existing Marina Engine Exchange Program to include all-electric and alternatively fuelled motors.  
 Recreation and Parks  
 Metal RAP: Recreation and Parks strives to recycle scrap metal when practical.  
 Water and Power  
 Transformers: LAWDP recycles obsolete electrical equipment such as transformers, capacitors, switches, etc. that will no longer be utilized because they are out of service. The equipment is taken to the Main Street Service Center, Van Nuys Service Center and to a lesser extent, Sylmar West Converter Station. Soon after the equipment is again transported to various approved vendors for oil recycling and metal smelting; some equipment which may or may not contain dielectric fluid (usually mineral oil). Oil, steel, copper, aluminum, wood and cardboard are recycled from this type of equipment.  
 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.  
 ROSEMead: City has a scrap metal recycling program in the Public Works yard.  
 SIERRA MADRE: The Rose Float Association makes a point of reusing and recycling scrap metal that is produced in each year's Rose Parade entry. The City of Sierra Madre maintains and enforces its C&D ordinance effectively.  
 SOUTH GATE: Scrap metal is diverted at the MRF and T Stations. The City has ongoing scrap metal diversion programs through the franchise hauler Waste Management. Businesses additionally use private haulers to recycle their scrap metal.  
 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: 4688.42	Selected in SRRE: Yes
		Owned or Operated: No



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**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 woodwaste.  
 DOWNEY: The City Public Works Yard recycles wood.  
 HIDDEN HILLS: There are four companies in the City that collect C&D waste (wood waste is included) from residential construction projects and take to various facilities for recycling. The HHCA's landscape maintenance contractor reuses wood chips and mulch for their landscaping.  
 LOS ANGELES:  
 Airports (LAX)  
 Wood Waste Recovery Program: Reported for year 2015  
 Harbor  
 LAHD Wood: Pallet reuse still exists, but still having difficulty finding a pallet recycler due to the small number of pallets being generated (0.84 tons). Pile drivers continue to look for ways to minimize waste. 231.92 tons of wood recycling was reported on Section 01 74 20 City of LA Department of Public Works, Construction and Demolition Waste Management reports (C&D Recycling Reports) which is significantly less than 2014 reported numbers.  
 Water and Power  
 Pallet Recycling: The LADWP reuses pallets, defective pallets are destroyed. Vendor pallets are resold; the sales are advertised in the Dailey Journal and vendor contact. The pallets are sorted and stacked and taken to Investment Recovery by LADWP trucks, approximately 100-200 collected per month.  
 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.  
 MANHATTAN BEACH: The City's landscape contractor chips all of the wood from tree trimmings and spreads it as cover along the City's Greenbelt walking path, which extends over two miles.  
 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.  
 POMONA: The City's tree contractor mulches and chips and reuses wood waste.  
 RANCHO PALOS VERDES: The City's Business Recycling Directory provides two convenient locations for recycling.  
 SIERRA MADRE: The City of Sierra Madre maintains and enforces its C&D ordinance effectively.  
 SOUTH GATE: This is paper captured through WM's roll-off service  
 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: 755722.85	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: Artesia has a C&D recycling ordinance.

BEVERLY HILLS: Concrete/Asphalt and Inerts 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: Construction & Demolition (C&D) Ordinance continues requiring residential and commercial construction and demolition projects to recycle concrete, asphalt, and other construction materials. City offers a Construction and Demolition Recycling projects to recycling Facilities list for informational purposes only and is not inclusive of all recycling vendors/facilities in the region to both residential and commercial applicants. Added CALGreen new requirements to C&D. 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.

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 3124 tons from this program resulting in an 82% recycling rate. The Public Works Department recycled 130 tons of C&D. The franchise hauler reports 913 tons of C&D diversion.

HIDDEN HILLS: There are five companies in the City that collect C&D waste from residential construction projects and take to various facilities for recycling.

LOS ANGELES:

Airports (LAX)

C&D Debris and PMB: Ongoing no change in status Harbor

Inerts Harbor Department Program: Road base and "blow out" use amounts remain the same. 37.50 tons Additional 12,647 tons reported on Section 01 74 20 City of LA Department of Public Works, Construction and Demolition Waste Management reports (C&D Recycling Reports), much less than 2014 reported numbers.

Recreation and Parks

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

LA Sanitation

Construction and Demolition Debris Recycling Program: The City has a C&D Ordinance in place. Haulers and contractors handling C&D waste must obtain a Private Waste Hauler Permit prior to collecting, hauling, and transporting C&D waste. C&D waste can only be taken to City certified processing facilities.

Street Services

Asphalt Programs BOSS: Recycled rubber used in slurry mix.

Asphalt Recycling: Ongoing.

Cyclean Fines Recovery: Bureau of Street Services delivers collected asphalt concrete to RAMCO for recycling.

LYNWOOD: Local C&D processors reported diverting 138 tons in 2015.

MANHATTAN BEACH: Scrap concrete and asphalt left over from City projects is collected by Waste Management in bins at the Public Works Yard (351.07). Construction & Demolition waste left over from City projects is collected by Waste Management in bins at the Public Works Yard (522.15). 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 from construction sites 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 and reported 4,444.87 tons.

RANCHO PALOS VERDES: 8,255.37 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.

ROSEMEAD: No changes to the program. The City is in the process of adapting provision in the Construction specifications to recycle 100% of City own projects.

SIERRA MADRE: The City maintains and enforces its C&D ordinance effectively. There has been a noticeable rise in projects in Sierra Madre during 2014 and continues into 2015, so monitoring and enforcement has picked up.

SOUTH GATE: 387.64 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 from City crews to transfer stations is 1814 tons and 421 tons (not including data from licensed haulers) from the City's (per ordinance) C&D recycling program.

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**4090-SP-RND (Rendering)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1643.95	Selected in SRRE: Yes
		Owned or Operated: No

**Jurisdiction Notes:**

ARTESIA: The City participates in the County's rendering program.  
 BEVERLY HILLS: Critter Trappers is the vendor that handles dead animal pickup on public right of way. The City enforces a Fat, Oils & Grease program through LA County which is further enforced by city inspectors.  
 BRADBURY: The City contracts with Pasadena Humane Society for animal control, and they in turn contract with D&D disposal. Dead/sick animals are removed.  
 DUARTE: The City of Duarte continues to participate in the County of Los Angeles rendering program. Grease is currently not diverted from local restaurants.  
 HERMOSA BEACH: City businesses continue to render meat scrap, bone and grease. The City is unable to quantify at this time.  
 HIDDEN HILLS: The City and Hidden Hills Horseman provide resources to residents inquiring about the proper disposal method of their deceased horses.  
 LOS ANGELES:  
 Airports (LAX)  
 Grease Rendering: Ongoing no change in status  
 LA Sanitation  
 Dead Animal Collection: All dead animal carcasses were recycled into fuel oil and fertilizer in 2015.  
 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 Human Society has a dead animal program. The City has a Fats, Oils, and Grease Program for restaurants. The restaurants keep the records of their disposal and are presented upon inspection.  
 RANCHO PALOS VERDES: LA County Department of Animal Care & Control handles the dead animal program. The City inspects restaurants and educates them about FOG as part of the Clean Bay Restaurant Program.  
 ROSEMEAD: The Citywide audit found 14 businesses participating in a rendering program.  
 SIERRA MADRE: The City contracts with the Pasadena Humane Society for deceased animal removal.  
 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 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: 1198.95	Selected in SRRE: Yes
		Owned or Operated: No

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**Jurisdiction Notes:**

BEVERLY HILLS: SHARPS containers were made available to residents. E-waste collection events are held at farmer's market once a month.

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 Waste, or containers can be picked up at Burrtec Waste hauling yard. When full, residents can drop off these containers at the Burrtec Waste hauling yard.

HERMOSA BEACH: The Public Works Department recycled 180 gallons of used oil and 36 oil filters. Classified as "Special Waste," this diversion tonnage is not included in reporting.

LOS ANGELES:

Airports (LAX)

Pallet Recovery or Recycling: Ongoing no change in status

General Services

Used Lamp Recycling: Recover used fluorescent lamps from City facilities for proper recycling and disposal and to keep hazardous waste from landfills. 24685 lbs. of lamps were recycled (12.34 tons). 1512 lbs. of ballasts were also collected for recycling.

Los Angeles Zoo

Computer Recycling: The LA Zoo is part of the City's E-waste Recycling Program (Salvage) collecting computers and monitors. The Zoo systems stat collects these items by identifying items that are obsolete or discontinued for replacement. The collection is taken to GSD Salvage Section/Mayor's Digital Inclusion Program (MDIP).

LA Sanitation

Residential Bulky Item Pick Up: LASAN strongly encourages the reuse of bulky items through charitable organizations and thrift stores. However, if Los Angeles residents are unable to do so, LASAN will pick-up large or bulky household items free of charge.

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

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

PALOS VERDES ESTATES: The City newsletter provides locations for residents to drop off unwanted or unused pharmaceuticals.

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 waste at the Solvents/Automotive/Flammables/Electronics (S.A.F.E.) Collection Centers, the annual HHW and e waste roundup, at EDCO's Transfer Station in Signal Hill, and other disposal options are presented on the City's website.

SIERRA MADRE: Included within program 9000.

SOUTH GATE: The City's HHW and e-waste program has generated .60 tons of materials diverted from the landfill.

TORRANCE: City C&D program is reported under Program 4060.

**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, Republic Services website, digital marquee, and others have recycling messages.

BEVERLY HILLS: Recycling events and information is made available online and advertised on cable TV and local newspapers. The City website also has a link to the LARA 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 e-mail blasts that residents sign up for.

DOWNEY: City Public Works webpage links to other recycling sources and environmental programs. City Hall monitor is used to promote local environmental program. City promotes on 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 Waste, 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.

HERMOSA BEACH: The City and franchise hauler continue to post AB 341, solid waste and recycling information on their websites, the City and franchise hauler will be posting AB 1826 information and links on their websites in preparation for the implementation of this regulation in 2016. The City continues to update its Green Webpage promoting environmental events and collections and has posted this information on its Go Green/Sustainability Facebook page: <https://www.facebook.com/HermosaBeachGTF>. Regional radio stations and newspapers continue to promote County special waste roundups and HHW collection events. The Community Development Department's webpage provides MCR information with a link to the franchise hauler's website. The City also has a Twitter feed that features "Sustainable"

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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, HHW and Compost Giveaway events on Twitter. The West Basin Metropolitan Water District sponsored and promoted drought-tolerant landscaping workshops, the events were posted on the City's website.

**HIDDEN HILLS:** The City provides educational outreach via newsletters and the City's cable channel. The City also provides outreach materials at the annual Fiesta event.

**LYNWOOD:** Program continues. City now also provides information via Facebook. The City's exclusive hauler also provides recycling information on the City's page of their website.

**MANHATTAN BEACH:** Waste Management, per their franchise agreement, created an online source exclusively for MB residents to refer to programs (manhattanbeach.wm.com). The City's website includes the following pages: donate used goods, document destruction, pharmaceutical recycling, battery recycling, SHARPS recycling, bulky item pick up, plastic bag and polystyrene ban, and reusable bag program, 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 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 included on the City's website, announced on the City's television station, and at City Council meetings.

**REDONDO BEACH:** The City provides education about recycling through website.

**ROSEMead:** The City and hauler regularly updates their website to promote current recycling programs. 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 advertise 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. The City was also able to assist in the promotion of one local school's program.

**SOUTH GATE:** The City promotes diversion via mailings, bill inserts, the web, TV and internet. The City has completed a major revision of their website and has links to CalRecycle on their site as well as information regarding AB 341. In addition, the City's hauler WM 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 the CIWMB 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. The app has been put on hold for now. 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 e mail newsletter. This was the first 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:**

**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 recycling 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. The Water provider also advertises low water and drought tolerant planting and other

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conservation programs.

**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 2015. Commercial accounts received 2 newsletters which highlighted AB341 and the upcoming AB1826 legislation. Printed materials were also made available by Burrtec at the Movie Night event, the Taste of Duarte event and the City's Annual Picnic.

**HERMOSA BEACH:** The City's solid waste consultant continues to distribute AB 939, AB 341, and Reduce, Reuse, Recycle and waste prevention educational outreach materials 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 with "Tips for Greener Living and Keeping the Environment Clean". The franchise hauler continues to insert informational flyers including AB 341 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 HHEW Roundup brochures and AB 341 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.

**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.

**LOS ANGELES:**

**Airports (LAX)**

Publication of Program Status and Results: Ongoing, LAWA / LAX hired a Management Analyst II and a Recycling Superintendent to the recycling staff. 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.

**Harbor**  
HD Employee and Tenant Education Program: In 2015, Newsletters were sent out to the Construction & Maintenance Yard divisions as part of the Environmental Management System education and communication program. Also, one of the purchasing directors participated in the EPP conference call with Jennifer Pinkerton.

**LA Sanitation**

Employee Guide to Office Waste Prevention: Publication has been revised as a flyer with extensive list of recyclables; how-to recycle information for toner cartridges, donation of odd items for kids' art projects; also promotes reuse via CitiMAX program and City donation sites.

**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 2015, recycling guides were delivered to all residential accounts. Additionally, all commercial accounts received printed information regarding AB341 compliance.

**MANHATTAN BEACH:** Hauler required to create and to circulate educational pieces every year; quarterly notices and a semiannual newsletter. Newsletter includes information on AB 341 in the Business Corner.

**PALOS VERDES ESTATES:** The City provides outreach information regarding annual bulky item collections, the Peninsula HHW collection event, and other recycling opportunities via city newsletter and brochures that are available at City Hall. Outreach brochures and flyers are also available on the City's website.

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

**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 provided each residential and commercial hauler with updated MCR flyers for distribution to each commercial establishment and multifamily complex.

**REDONDO BEACH:** The City and hauler print a revised commercial and residential brochure every 1 2 years. 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 is in English, Spanish, Vietnamese and Mandarin. The City creates a monthly "Green Sheet" of programs, community events and developments.

**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. Staff was unable to contribute an article for the local environmental group's newsletter in 2015, as only one was produced and the organization lost membership and resources.

**SOUTH GATE:** The City has a comprehensive public education program and promotes recycling programs through flyers, 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

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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: 1924.83	Selected in SRRE: Yes
		Owned or Operated: Yes

**Jurisdiction Notes:**

ARTESIA: CR&R attended Artesia Diversity Festival and Go Green Event to provide outreach and education.

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: The City franchised hauler provides information on AB 341 on all bills to multifamily 5 units or more and commercial accounts. The City coordinates an "Environmental Faire" yearly, distributing outreach materials with regards to recycling, HHW, USED OIL, NPDES, Composting, and e waste; The City operates a booth at the Downey Chamber of Commerce annual "Street Faire" distributing HHW, Beverage Container (buyback Center list) and Used Oil Certified facilities.

DUARTE: The City conducts public outreach at approximately seven events per year in addition to providing the schools with recycling informational materials courtesy of LARA. The City and hauler also did community/neighborhood meetings and bilingual materials to launch its multifamily recycling program.

HERMOSA BEACH: The franchise hauler continues to make direct contact throughout the year with all commercial accounts providing recycling options, source-separation options and information on AB 341. The City's solid waste consultant continues to make twenty business technical assistance site-visits annually providing businesses with educational outreach materials, waste prevention, waste reduction, source-separated recycling options and information on AB 341 and AB 1826. The franchise hauler participated in the following community events: St. Patrick's Day Parade, Compost Giveaway, Document Shredding, E-waste, HHW Collection Events and Earth Day. The City sponsors a Soil Saver Backyard Composting Display. The City and Heal the Bay sponsored and promoted a Coastal Cleanup Event. The City and the Surfrider Foundation sponsored and promoted a Beach Cleanup Event. Assemblyman Hadley and Grades to Green Youth Corp sponsored and promoted a Beach Cleanup Event. The franchise hauler made AB 1826 presentations to the City Council and Chamber of Commerce. The West Basin Metropolitan Water District sponsored and promoted two drought-tolerant landscaping workshops, the events were posted on the City's website.

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.

LOS ANGELES:  
Airports (LAX)  
Tenant Recognition/Tenant Training Certification Course: Suspended, will resume. Continued Program Enhancement: Ongoing staff is currently evaluating  
Innerts Recycling: Mixed innerts - same as C&D Debris and PMB  
Source Reduction Options Promotion: LAWA / LAX has a source reduction options promotion set in place. Due to limited staffing LAWA had postponed some of the programs activities. LAWA intends to restore this program in the upcoming years.  
General Services  
Vendor Outreach Program: GSD sponsors a Vendor Fair to showcase recycled products available to the City. In addition, GSD attends several vendor seminars and makes presentations outlining the procedures on how to sell to the City. Included in the presentations were descriptions on the City's EPP Program.  
Harbor Tenant Diversion  
Tenant Recognition: Program ongoing. Newmark's Yacht Centre got re-certified in 2015.  
<http://www.cleanmarina.org/thecleanlist.html>  
Wood Pallets Tenant Program: The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not return the calls, one still did not have trash services, and two others had gone out of business.  
Fish Sludge Tenant Program: There was not an opportunity to update this information in 2015.  
Office Furniture: The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not return the calls, one still did not have trash services, and two others had gone out of business. However, office furniture diversion was not asked due to time limitations.  
Cardboard Tenant Program: The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not return the calls, one still did not have trash services, and two others had gone out of business.  
Toner Cartridge recycling Tenant Program: Correct tonnage for 2014 was 0.16 tons. The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not return the calls, one still did not have trash services, and two others had gone out of business.  
Textiles: The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not

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return the calls, one still did not have trash services, and two others had gone out of business. However, textile diversion (oily rags) was asked but not quantified due to time limitations.

Office Paper Tenant Program: The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not return the calls, one still did not have trash services, and two others had gone out of business.

Used Beverage Container Tenant Program: The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not return the calls, one still did not have trash services, and two others had gone out of business.

Wood Tenant Program: The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not return the calls, one still did not have trash services, and two others had gone out of business.

Non Food Item Donations Tenant Program: The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not return the calls, one still did not have trash services, and two others had gone out of business.

Scrap Metal Tenant Program: The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not return the calls, one still did not have trash services, and two others had gone out of business.

Tire Recycling Tenant Program: The 15 tenants that were assessed in 2012 were recently contacted, and 9 of them responded. Three did not return the calls, one still did not have trash services, and two others had gone out of business. However, tire recycling was not asked due to time limitations.

Harbor  
POLA - Waste Reduction and Recycling Surveys: Phone calls were made to the tenants who participated in the 2012 Stormwater / Recycling Assessments.

Review Lease Agreements: Recycling verbiage in tenant lease agreements: Tenant shall require by contract that its construction contractors and subcontractors comply with all Applicable Laws" and in regards to Litter & Debris: "the tenant, at its sole cost and expense, further shall keep and maintain the Premises in a safe, clean and sanitary condition in accordance with all Applicable Laws." Section H-1 outlines the Port Environmental Policies. Also in Mitigation Measures such as LEED building that that for Berth 136-147 [TraPac] Container Terminal Project EIR include verbiage.

Formulate Recycling Committee: The EMS Aspects Analysis chart now includes the following impacts (and a ranking system): Increased Landfill Usage, Recycling, and Resource Conservation. Over 140 Activities address 15 environmental aspects and use a systematic approach for continual communication and measurable improvements on a regular basis.

Source Reduction & Materials Recovery Monitoring System: Ongoing

Food Donation: N/A

LA Sanitation  
Employee Education: LASAN held annual employee recycling and EPP training

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

America Recycles Day - "Buy recycled" has expanded into environmentally preferable purchasing (EPP); held two events showcasing EPP products. For America Recycles Day in November, the City hosted a food collection event.

Water and Power  
Conduct Department Facilities Waste Audit: The LADWP LEED facility waste audit was conducted during the 4th quarter of 2014.

LYNWOOD: City promotes environmental programs through booths at community events and provides technical assistance when requested.

MANHATTAN BEACH: Hauler is required to perform hours of outreach for schools, commercial and multifamily sectors. Also, hauler tours are performed multiple times per year for the community to visit recycling, food waste, and T Station facilities.

PALOS VERDES ESTATES: The City is active in providing educational outreach through newsletters, handouts, and educational brochures.

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, green waste, SAFE 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. Two local organizations received awards in their respective categories.

REDONDO BEACH: The City participates in a few public events each year.

RANCHO PALOS VERDES: Educational Outreach includes flyers, letters, mailers, website, 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



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regards to recycling, HHW, used oil, green waste, SAFE 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. Two local organizations received awards in their respective categories.

ROSEMEAD: In 2015, City staff and hauler setup a booth and attended several events including: all Concerts in the Park, Public Works Day, Rosemead Beautification Day, Annual Lunar New Year, National Night Out, 4th of July Parade, E-waste& shredding event, and Civic Pride Day.

SIERRA MADRE: The City hosted three presentations regarding landscaping that included composting practices and general source reduction in the yard. Again, the presentations were focused on water quality/conservation; however composting, recycling and similar 'cross messages' are also included. In 2015, the City hosted a film festival in which sustainability messages were prominent in the short films.

SOUTH GATE: The City offers Business Waste Assessments through the franchise waste hauler, Waste Management. The City promotes the WRAP awards to local businesses. 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. Torrance is a RMDZ member. Torrance also assisted with outreach for the Carton Council recycling campaign, preparing bill inserts and handing out their materials at our events.

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

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

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**Jurisdiction Notes:**

ARTESIA: Schools, along with their waste hauler WARE Disposal, claim to have several educational programs in place.  
 BEVERLY HILLS: Environmental Defenders, who is contracted through LA County, visits schools to educate the students grades K-8 on the four "R's".  
 BRADBURY: The City continues outreach efforts like Earth day events (4/18/15) and has DVD's available on topics such as recycling and waste diversion.  
 DOWNEY: City program visits schools with oil recycling and storm water pollution prevention education.  
 DUARTE: The Duarte Unified School District has active recycling programs on all campuses including Duarte High, Mt. Olive and elementary schools.  
 HERMOSA BEACH: 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 2015 Grades to Green promoted water conservation curriculum in the classrooms and in the school community garden. The Hermosa View Elementary School is developing a Butterfly Garden and Nature Habitat.  
 HIDDEN HILLS: The City has provided the only school in the City with the Curiosity Quest Go Green Series that were purchased through LARA. They are encouraged to utilize the DVDs in their recycling curriculum. Staff is also available to conduct workshops and assemblies as needed.  
 LYNWOOD: School outreach provided as requested. County's Environmental Defenders program conducted assemblies at various elementary schools. In partnership with the school district, 5 utility boxes were painted with recycling themes by local students.  
 MANHATTAN BEACH: Grades to Green administers a full environmental curriculum to elementary students in MBUSD. City's hauler provides assistance with classes, supplies, information, and recycling containers.  
 PALOS VERDES ESTATES: The City has provided educational outreach DVDs to PV High School library courtesy of the Los Angeles Regional Agency (LARA) and Curiosity Quest.  
 POMONA: The school district provides 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 for Earth Day and/or America Recycles Day events, a total of up to two events per year per school if the school requests it.  
 ROSEMEAD: The hauler's Robot, MRF'y was invited to give assemblies to all the elementary schools.  
 SIERRA MADRE: Staff delivered 3 of six scheduled presentations to the K-1 classes/assemblies during 2015. The topics included recycling as well as water quality and conservation. An injury prevented staff from delivering all of the scheduled presentations.  
 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 WM services. For those schools, WM 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.

**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:  
 Harbor  
 Full Time Recycling Coordinator: The Environmental Specialist designated as Recycling Coordinator implements recycling programs through the Port among other environmental regulatory responsibilities. The duties of a full time recycling coordinator include EMS participation, AB 939 reporting, staff training, employee and tenant outreach, monitoring of existing programs, and response to a variety of inquiries targeting all sectors depending upon the activity. The coordinator also plans staff training and employee outreach along with EPP and AB 939 reporting tasks.  
 LA Sanitation  
 The Plastic Bag Ban Outreach: Reusable bags are distributed at public outreach events.  
 Los Angeles Environmental Learning Center: In 2015, the Los Angeles Environmental Learning Center at Hyperion received 14,932 visitors.  
 Clean Your Files Campaign: Sponsored one Clean Your Files event and one joint Clean Your Files/Clean Your Cupboards (food donation) event.  
 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: City of Manhattan Beach Analyst (Anna Luke-Jones) in charge of solid waste attends used oil recycling and California Resource and Recovery conference (CRRRA), HHWIE meetings, SCWMF workshops, CRRRA certification classes, state training webinars, etc. WM provides workshops for residents and commercial businesses on recycling, composting, and waste reduction. WM 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 butt litter, as well as storm water protection programs.  
 ROSEMead: The Chamber of Commerce creates a Rosemead Report newsletter and promotes all community events such as the E-waste Recycling and promotion of AB 341 and 1826.  
 SOUTH GATE: Both the City and WM staffs are active members in local service organizations and the City and WM participate in LARA programs. WM staff did a presentation on AB341 with the South Gate Rotary.

**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

**Jurisdiction Notes:**

DOWNEY: Yard waste ban determined not to be feasible because City has separate collection of yard waste which is very effective.  
 HIDDEN HILLS: The City promotes local e waste events hosted by neighboring cities. The City 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. Further, the City recycled 55 lbs. of unused dry cell batteries during 2015.  
 MANHATTAN BEACH: Ongoing.  
 RANCHO PALOS VERDES: The City promotes the County's single use plastic bag ban by handing out reusable grocery bags at all City events.  
 SOUTH GATE: The City organizes special round ups of HHW.

**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

**Jurisdiction Notes:**

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

BEVERLY HILLS: 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: For residential collection, waste hauler provides 3 barrel system; trash, green waste and recycling. One trash rate covers all three barrels. If residents request additional trash or green waste barrels, they pay extra. To encourage recycling additional recycling containers are free and extra pickups of recycling containers are free. Waste hauler also provides commercial customers with free waste audits and recycling bins. Recycling bins are available to multifamily units (5 and above) at a discounted price.

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 latest franchised hauler agreement to encourage recycling.

LOS ANGELES:  
 LA Sanitation  
 Recycling Market Development Zone: The City of Los Angeles's Zone Administrators represented the RMDZ at 8 small business or environmental events. They also had contact with 29 past and/or potential businesses regarding the RMDZ Loan Program.

LYNWOOD: Source-separated recycling is offered at half the rate of equivalent trash service

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 green waste collection have no additional charge. Commercial carts and bins are all tiered rates as well.

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 green waste -\$250 to two residents twice a month. There were a total of 48 award recipients in 2015. The City promotes incentives offered by other agencies for drought tolerant landscaping.

ROSEMEAD: The City Recycling Rewards Project is very popular. The residents are excited the quarterly incentive of their recycling efforts.

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 in order to incentivize recycling. WM will do customized waste audits to "right size" customers and develop recycling programs. The City does not have a RMDZ.

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: 3923.54	Selected in SRRE: Yes
		Owned or Operated: Yes

**Selected Program Details:**

C & D ordinance | 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) | C & D ordinance | 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)

**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 Cal Green Building codes in 2011.

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, a MCR Policy and a Recycled Products Procurement Policy. The City will implement a Plastic Bag Ban Ordinance April 1, 2016. The City will distribute reusable bags on April 1, 2016, the day the Plastic Bag Ban Ordinance goes into effect. The City has also adopted a Polystyrene Food Service Container Ban.

HIDDEN HILLS: The City has an ordinance which requires all construction projects over a certain threshold to recycle a minimum of 50% of all C&D waste. Builders may utilize any of the five (5) pre-approved haulers to collect their C&D waste.

Collection and disposal is scheduled, on an as needed basis, by the builder. The five (5) pre-approved are GI Industries, J&L Hauling & Disposal, Inc., Anderson Rubbish Disposal, and Rent A Bin.

LOS ANGELES:

General Services

Construction and Demolition Debris Recycling: Implement program to source separate construction & demolition debris and/or direct commingled C&D to recycling transfer stations for all GSD remodeling and tenant improvements. 3075.35 tons of construction debris of which 2774.16 was recycled with debris vendor.

Lease Agreements: In an effort to ensure all City employees have access to a workplace recycling program even in leased facilities, Real Estate Services requires that all leases include boilerplate clauses that require recycling opportunities. If pick up 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. 22 leases were executed in 2015; 19 have provisions for recycling.

LA Sanitation

Zero Waste LA Franchise: The Zero Waste LA Franchise Ordinance requires trash service and recycling at all commercial and multifamily properties.

Fats, Oil & Grease Program (FOG): Grease Interceptors and Grease Traps have helped divert grease waste from solid waste streams.

Single Use Bag Ban: The Single-Use Bag Ordinance came into effect beginning January 1, 2014 to reduce waste and pollution. The City continues to enforce the bag ban and responds to any inquiries or complaints in regards to the ordinance.

Water and Power

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

MANHATTAN BEACH: Ongoing.

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: The City has not utilized any ordinances to enforce recycling or diversion. Recycling requirements, specifically for C&D projects, are enforced through the City's C&D Building Department permit program and/or Public Works Project Bid Specifications.

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, commercial recycling requirements and recycling space allocation for new development. Policy for procurement is in place.

**6030-PI-OTH (Other Policy Incentive)**

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)**

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

**Jurisdiction Notes:**  
 BEVERLY HILLS: Along with Cal Green, the City encourages businesses and residences to go green through programs such as the US Green Building Councils LEED Certification, which provides energy savings  
 LOS ANGELES:  
 LA Sanitation  
 Private Hauler Franchise Initiative: Commercial and Multifamily Solid Waste Hauling Exclusive Franchise. The City of Los Angeles, Department of Public Works, LA Sanitation (LASAN) issued a Request for Proposals (RFP) for an exclusive Franchise for private haulers to handle the solid resources for commercial and multifamily accounts, in order to meet diversion and environmental requirements. A total of (15) organizations provided proposals to handle the work in the (11) Franchise zones. Negotiations are ongoing with the seven (7) short-listed proposers.  
 SOUTH GATE: The City continues the program for recycling street lamps and recycling mercury containing devices generated by the Public Works department.

**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: The City uses CR Transfer Station owned by CR&R, Inc.  
 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, green waste and street sweeping material for processing at this facility.  
 BRADBURY: For 2015, 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 also 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 Recycling program materials taken to Allan Company in Baldwin Park. Commercial select loads and recyclable bulky items are taken to Puente Hills MRF. Materials taken to MRFs include commingled recyclables, metal and cardboard. Trash is then transferred to Orange County landfills.  
 HIDDEN HILLS: All five pre-approved haulers are encouraged to take the waste collected in the City to a MRF to assist in obtaining their required 50% diversion rate. A large portion of the waste generated is taken to the Simi Valley Landfill and Recycling Center.  
 LYNWOOD: 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 a MRF.  
 RANCHO PALOS VERDES: There are no Material Recovery Facilities within the City boundaries. The City's franchised residential and authorized commercial haulers deliver materials to Material Recovery Facilities outside City boundaries. All facilities maintain applicable Solid Waste Facility Permits.  
 ROSEMEAD: All City material continues to be processed at the MRF.  
 SIERRA MADRE: The City continues the use of Athens' MRF for its multifamily and commercial waste streams. This program continues to be effective.  
 TORRANCE: City in current contract with WestRock 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: 641.46	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)**

**Jurisdiction Notes:**  
 ARTESIA: The City uses Savage Canyon 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.  
 LYNWOOD: Landfills continue to report diversion activities through the DRS. 641.46 tons reported diverted in 2015.  
 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: There are no landfills within the City boundaries. Diversion activities that took place at county landfills diverted green waste and other beneficial use materials.  
 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: Western Avenue MRF owned by CR&R, Inc.  
 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: The City's Grand Central Recycling and Transfer Station, Inc. perform mixed waste processing, sorting of green waste and food waste. The transfer station accepts self-haul. They report AB939 to 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 buyback center and bi-monthly collection of HHW and E waste.  
 SIERRA MADRE: In previous years, as much as 10% was diverted to SERRF; not in 2015.  
 TORRANCE: City currently in contract with Republic Services for transfer station services, including green waste recycling. Tonnage is under different codes. 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: 93979.79	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)**

**Jurisdiction Notes:**

BEVERLY HILLS: All commercial food waste and residential green waste is partially processed at Recology LA in Sun Valley, CA and then hauled to Lamont CA to be further processed into compost.  
 BRADBURY: The City's contract hauler takes all manure and green waste to Valley MRF for compost.  
 DOWNEY: City's green waste is taken to Downey Area Recycling & Transfer Facility in Downey, (DART).  
 DUARTE: The City does not own a composting facility; however, Burrtec collects green waste and composts and or mulches it at its outside facility. Green waste is delivered to Puente Hills MRF who contracts with composting companies for materials processing.  
 HIDDEN HILLS: The City's green waste is hauled to the Simi Valley Landfill and Recycle Center where it is cleaned to remove contaminants and sent to a commercial composting facility to be turned into a soil amendment product. Manure generated in the City is taken to Peach Hills Soils where it is composted.  
 LOS ANGELES:  
 Recreation and Parks  
 Griffith Park Co Composting Facility/Other: Recreation and Parks processes green waste generated from tree care operations for use as mulch. The mulch is either reused in our 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  
 LA Sanitation  
 Griffith Park Composting Facility: LASAN operates the Griffith Park Composting Facility in collaboration with the Dept of Recreation and Parks  
 LASAN also operates the San Pedro Harbor Mulching Facility and the Lake View Terrace Lopez Canyon Environmental Center  
 MANHATTAN BEACH: The City has a citywide industrial food waste program (began 2015) which utilizes Waste Management's CORE facility.  
 PALOS VERDES ESTATES: The green waste collected from the City is processed for composting when loads are uncontaminated.  
 RANCHO PALOS VERDES: Curbside green waste from City is taken to composting/mulching facilities through transfer station. Street sweeping debris is taken to transfer stations where green waste is separated for compost when possible. Street sweeping tonnages are included in 3020-CM-COG.  
 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: 235662.68	Selected in SRRE: Yes
		Owned or Operated: No

**Jurisdiction Notes:**

ARTESIA: ADC was taken by self-haulers. The City franchise hauler does not take green waste to be used as ADC.  
 BRADBURY: Green waste is not being used as ADC anymore. Green waste that is delivered to Puente Hills MRF is transported to green waste composters/processors.  
 DOWNEY: City's green waste is taken to Downey Area Recycling & Transfer Facility in Downey, (DART).  
 DUARTE: Besides the tonnage collected by the franchise hauler through the curbside and commercial on site programs, local landfills report ADC tonnages from commercial landscapers that take advantage of reduced tipping fees for loads of source separated green waste.  
 HERMOSA BEACH: Franchise hauler reports 15 tons of green waste taken to Mid-Valley Landfill, Rialto-San Bernardino County which is used as ADC at the facility.  
 HIDDEN HILLS: The City continues to recycle green waste, dirt, concrete, etc. which currently qualify as ADC.  
 LYNWOOD: Landfills continue to report ADC. 8.93 tons reported in 2015.  
 MANHATTAN BEACH: The City no longer has any tonnage through the franchised hauler being utilized for ADC. In 2014, the last remaining material, Christmas Trees, was no longer processed and used for ADC.  
 PALOS VERDES ESTATES: The City continues to provide green waste, 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 green waste. The residential green waste from City is taken to Pomona Transfer Station..  
 RANCHO PALOS VERDES: 16.16 tons of green waste were used for ADC.  
 ROSEMEAD: The City does not participate in any ADC programs. All ADC reported on the DRS is self-hauled  
 SIERRA MADRE: The City's green waste is collected by the contract Hauler, Athens, for use as ADC at the Scholl Canyon Landfill.  
 SOUTH GATE: None of the City's green waste that is captured is currently being used for ADC.  
 TORRANCE: Beneficial uses: ADC (27,329.92 tons); other (18,122.63) off-site other (67.85 tons); recycled (8826.21); and compost (155.24 tons).

**8000-TR-WTE (Waste To Energy)**



**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 127171	Selected in SRRE: Yes
		Owned or Operated: No

**Jurisdiction Notes:**  
 BRADBURY: This program was reported under Program 8030  
 DUARTE: Some trash that is delivered to Puente Hills MRF is used by the LA County Sanitation District as fuel at local WTE facilities.  
 HERMOSA BEACH: Franchise hauler reports 1072 tons of transformation.  
 LOS ANGELES:  
 LA Sanitation  
 Waste to Energy: 61050.50 tons were taken to waste-to-energy facilities in 2015.  
 LYNWOOD: In 2015, 8,366.16 tons of waste was delivered to the local WTE facilities.  
 MANHATTAN BEACH: Transformation by hauler all taken to SERRF in 2015.  
 PALOS VERDES ESTATES: Waste that is hauled is processed as transformation waste when appropriate.  
 RANCHO PALOS VERDES: 723.64 tons of solid waste was transformed.  
 REDONDO BEACH: The City sends 10% of its waste to a Waste to Energy Facility.  
 ROSEMead: Estimated transformation is 2331 tons.  
 SIERRA MADRE: The City's contract hauler no longer diverts the City's waste to a Waste to Energy facility. Additional waste-to-energy options are being explored, but the City would not like to drop the program at this time.  
 SOUTH GATE: South Gate did not convert any waste to energy in 2015.  
 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: 465.39	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" pick-up; residents are offered two "Bulky Item" pick-ups annually by the franchise hauler.  
 LOS ANGELES:  
 LA Sanitation  
 Marina Used Oil Collection Site: In 2015, LASAN held 18 collection events (5 Used Oil Only, 13 Used Oil & Electronic Waste). We collected a total of 14,187 gallons (60.3 tons) of used oil and approximately 7,000 used oil filters (5.25 tons).  
 S.A.F.E. Center: LASAN has established 7 permanent collection sites throughout the City, known as S.A.F.E. Centers. These S.A.F.E. Centers provide a convenient way to dispose of residential HHW. We encourage residents to visit online for an up-to-date schedule of hours and information prior to visit. Additionally, we have the CESGG program which is a fee-based program that collects small amounts of 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. The city promotes the use of County roundups located in nearby cities. In 2015, 46 sharps kits were distributed to residents and 370 pounds of batteries collected.  
 MANHATTAN BEACH: No permanent facility inside City of Manhattan Beach lines, but City does use permanent collection drop off locations nearby. Hyperion Treatment Plant of the City of Los Angeles for HHW and 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 SAFE center in San Pedro and/or at EDCO's Transfer Station in Signal Hill, which are promoted via the City's website, City and hauler newsletters and in print.  
 ROSEMead: The City does not have any permanent facilities to collect any hazardous materials.  
 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 all public educational materials and on the City's website. All residents can use the facility. In addition, the City has become the sponsor for WM's curbside HHW facility in Placentia.  
 TORRANCE: City has about 20 certified used oil collection sites, three paint care drop off stores as part of the PaintCare program and several retailers take rechargeable batteries, CLF bulbs and other HHW items. There are two retailers who also collect electronics. All options promoted in regular outreach/education efforts.

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)**

**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: 272.65	Selected in SRRE: Yes
		Owned or Operated: Yes

**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 our City. The City also holds 1- 3 used oil collection events per year.  
 DUARTE: The City of Duarte refers residents to the weekly HHW/E waste round ups sponsored by the County of Los Angeles. Duarte hosted an event in September of 201. The City franchised hauler, Burrtec Waste, also has a booth at the City picnic and distributes SHARPS and Oil containers, and collected e-waste at community clean up events.  
 HERMOSA BEACH: 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" pick-up by the franchise hauler. The franchise hauler collected 2.56 tons of CRTs (65 units) and flat screens (7 units). The County of Los Angeles Sanitation District HHW Program reported 1420 households participated in the City's HHW Collection Event with 9.5 tons of e-waste, 296 CRT units, 160 gallons of used oil, 3414 gallons of paint, 2077 miscellaneous gallons, 96 gallons of coolant and 190 car batteries collected. 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 of Hidden Hills participates in the annual Los Angeles County HHW/E Waste Collection Day. This reporting year, the City contributed to a collection of 140 gallons of used motor oil, 3,504 gallons of used paint, 116 used car batteries, 159 CRT units, 17,500 pounds of miscellaneous electronic waste (e waste), and 75 drums of miscellaneous waste such as pesticides and pool chemicals.  
 LOS ANGELES:  
 LA Sanitation  
 Used Oil Collection Event: In 2015, LASAN held 18 collection events; 5 Used Oil Only, 13 Used Oil & Electronic Waste. We collected a total of 14,187 gallons (60.3 tons) of used oil and approximately 7,000 used oil filters (5.25 tons).  
 HHW Mobile Collection Event: LASAN partners with and promotes the LA County HHW events in addition to having its permanent seven S.A.F.E Centers.  
 Water and Power  
 Battery Recycling: The LADWP collects batteries at various locations through the department. House hazardous waste crews and hazardous waste contractors collect batteries upon request from the generators. Materials such as lead acid vehicle, station batteries, nickel cadmium, and nickel metal hydride are collected. Hazardous Waste Field Guide is available for further information.  
 LYNWOOD: City promoted numerous County-run HHW roundups held in and near City limits. In 2015, 197 people participated in the March roundup. 270 gallons oil, 988 gallons paint, 636 gallons misc. HHW, 10 car batteries, 48 gallons coolant, 43 CRTs, and 2,500 lbs. misc. E-waste were collected at this event.  
 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.  
 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 use oil and filters.  
 RANCHO PALOS VERDES: The annual County HHW & E Waste roundup was held on April 25th; 7.5 tons of E waste, 2,948 gallons of HHW, 101 car batteries and 2.2 tons of other HHW was collected. 1,000 households were served during the event. The City promotes other periodic events in neighboring cities.  
 REDONDO BEACH: The City offers two HHW roundups and one also included a document shred day. The events are promoted using a few 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 in December 2015.  
 SIERRA MADRE: The City amended its Contract with the hauler and is in the second 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.  
 TORRANCE: County program for periodic one day HHW/Electronics drop off. Torrance hosts one event each year in June. City does hold 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
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**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)**

	Report Year Diversion Tons: 33.58	Selected in SRRE: Yes
		Owned or Operated: No

**Jurisdiction Notes:**  
 DUARTE: Burrtec offers curbside collection of SHARPS and used oil.  
 LYNWOOD: This program was discontinued due to lack of participation. The City now promotes use of the Certified Collection Centers as the primary method to manage used oil and filters.  
 MANHATTAN BEACH: The City's At Your Door (AYD) 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 2015, 7.20 tons of HHW was collected through the program. The City's hauler also collects e waste from the curb on collection day as part of the bulky item program. In 2015, 13.59 tons of e waste was collected. WM conducted a case study regarding the success of AYD in MB. A case study was submitted to LARA.  
 POMONA: The City collects E Waste through the curbside program.  
 RANCHO PALOS VERDES: The City has an on call curbside used oil/filter and e waste collection. 409 gallons of oil and 171 oil filters were collected in 2015. 12.79 tons of E-waste was collected at curbside.  
 SIERRA MADRE: Planned future program. Residents are now able to dispose of SHARPS responsibly via the hauler, and are generally very satisfied with the LA County Sanitation District's HHW round ups. Curbside collection will be monitored to determine if it is still a necessity and what priority should be given to try to attain a program.  
 SOUTH GATE: The City has an on call curbside used oil and e waste collection.

**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 promotes waste exchange websites including LACoMAX  
 SIERRA MADRE: Contractor sends government equipment to certified recycler.

**9040-HH-EDP (Education Programs)**

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

**Jurisdiction Notes:**

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

BEVERLY HILLS: The City provides education material at various community outreach events and provides information on the City's website.

BRADBURY: The City continues its partnership 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). The City posted these videos, with permission, to Vimeo a website similar to YouTube and has posted links to these videos on the City's website. HHW is also part of the program listed under 5010 and 5020.

DOWNEY: LA County advertises HHW programs and has an HHW Hotline. The County takes lead in providing education. 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 clean ups, Community Movie Nights, Operation Make overs, etc. to promote the HHW roundups. City and hauler include HHW roundup flyers in local city newsletters, newspapers ads, twitter, electronic sign and website.

HERMOSA BEACH: Ocean Friendly Hermosa Beach program includes recycling and HHWE education elements. 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, including distribution of sharps mail-back containers as part of the County's program. WRI provides free mail-back containers as well (limit one every three months) by calling in to request a kit. The City 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.

MANHATTAN BEACH: City distributed HHW fliers including "Too Toxic to Trash" magnets at Earth Day and Hometown Fair events. 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 such as "One Person's Trash" newsletter, and "At Your Door" banner--that is hung on doors located on major cross streets in town during the Spring.

PALOS VERDES ESTATES: All HHW Programs are promoted through newspaper ads prior to each event, event schedule flyers and educational outreach brochures.

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

RANCHO PALOS VERDES: 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.

REDONDO BEACH: The City sends out quarterly newsletters reminding residents about recycling, HHW opportunities, and services such as electronic waste or CFL disposal. The City also sends out flyers through the newspaper for special events like the compost giveaway events, HHW roundups and Christmas Tree Recycling as well as newspaper advertisements.

The City also promotes all our programs and special events on our website.

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: In 2015, the Environment, Energy & Natural Resources Commission has indicated that HHW education could be a component of the Commissions outreach efforts. The program remained in the planning stage during 2015.

Website, printed material, calling center refers all HHW inquiries to LA County Sanitation programs and facilities.

SOUTH GATE: The City's website provides information on HHW, SAFE Collection centers, SHARPS and other HHW programs. Public education from the City and WM inform residents of the proper disposal of HHW and the new pilot program will have extensive public education on HHW handling and disposal. In addition, the City has a SHARPS collection program.

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

**9050-HH-OTH (Other HHW)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 2985.14	Selected in SRRE: Yes
		Owned or Operated: No

## Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2015)

### Jurisdiction Notes:

**BEVERLY HILLS:** A selected authorized hazardous waste hauler picks up hazardous waste from city facilities, and provides e-waste pick up 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 e-mail blasts. The City also advertises e-waste disposal events, as well as SHARPS collection containers.

**DUARTE:** During 2015, the City of Duarte participated in the HHEW 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.

**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.

### LOS ANGELES:

#### General Services

**CFC Recycling:** CFC stands for; Chlorofluorocarbons. Recycled CFC's from fleet vehicle air conditioners continues.

**Motor Oil Recycling:** Re-refined motor oil is a product category identified in the City's Recycled products Purchasing Ordinance, 2008. The City continues use of re-refined motor oil in City vehicles and equipment. Total Dollars for 2015 is \$885,384.00.

#### Harbor

**Harbor Motor Oil Recycling:** There are two Harbor Motor Oil recycling programs. Port of LA (POLA) vehicle and equipment collection and Clean Marina Program (tenant & public participation). Gaffey S.A.F.E. Center is also located not far away. The guidebook also lists other locations to recycle used oil, filters and car batteries. Materials are collected at C&M Yard collection containers, and two- waste oil sheds located at berth 73 and berth 268. They are maintained by the vendor contracted by POLA (Ancon Marine, Ocean Blue & Patriot Environmental Services). The materials collected every 90 days, because the sheds that collect hazardous waste must be dismissed in 90 days.

#### LA Sanitation

**SHARPs Program:** The SHARPS program, aside from the S.A.F.E. Centers, currently consists of collection at City of L.A. Senior Citizen Centers (25) locations, Council District 3 field office, and other City facilities such as 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 2015 at these (30) locations there were (71 55-gal) drums of Sharps collected weighing approximately (6,390 lb.).

**Batteries Collection Program:** LASAN collects batteries through its seven S.A.F.E Centers and the HHW Mobile Events. 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: 47,100 lbs.

**Electronic Waste Recycling:** The City of Los Angeles collects E-Waste at its seven permanent S.A.F.E. centers, HHW Mobile Events, and mobile E-Waste collection events. A total of 5,808,840 lbs. were collected in 2015.

**Rechargeable Battery Recycling:** Negligible; very few are purchased (addressed in 2016).

#### 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 is accumulated includes computers, CPU, keyboards, mice, monitors, cell phones, other electronics with printed circuit boards. Our IT Department collects computers to destroy hard drive, and then computers are placed in designated bins. This program is promoted with employee training and field guide.

**LYNWOOD:** City's residential hauler collected 388 e-waste items through bulky item program. E-waste is taken to local recycler for processing.

E-waste is also accepted at County roundups.

**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 florescent 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.