

## Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)

This Annual Report Summary is an official record of your CalRecycle Electronic Annual Report submission, except for your Venue/Event section information, which is contained in a separate report. You may reach that section from the Electronic Annual Report's left navigation bar.

Before submitting your report to CalRecycle, please take the time to review everything on this page to confirm it is complete and correct. If you need to modify some information, close this window to return to the Electronic Annual Report to make your corrections. Then, preview the report again.

**Summary Generated On:** Friday, July 31, 2015, 8:45:44 AM

### Summary

**Jurisdiction:** Los Angeles Area Integrated Waste Management Authority  
**Report Year Filed:** 2014  
**Report Status:** Submitted

### Submitted Information

**Date Report Submitted:** Thursday, July 30, 2015  
**Report Submitted By:**  
NADY MAECHLING (nady.maechling@lacity.org)

### Jurisdiction Contact

**Jurisdiction Contact:** Nady Maechling

**Address:** 1149 S Broadway, Los Angeles, CA 90015

**Phone Number:** (213) 485-3692

**Fax Number:** (213) 485-3671

**Email Address:** nady.maechling@lacity.org

**Update Contact Info:** <http://www.calrecycle.ca.gov/LGCentral/Contacts/ContactChg.htm>

### 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.

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Reporting-Year Disposal Amount (tons):** 4,421,529.04

**Disposal Reduction Credits (Reported):**

Disaster Waste (tons):	0.00
Medical Waste (tons):	0.00
Regional Diversion Facility Residual Waste (tons):	0.00
C & D Waste (tons):	0.00
Class II Waste (tons):	0.00
Out of State Export (Diverted) (tons):	0.00
Other Disposal Amount (tons):	0.00
	0.00

**Total Disposal Reduction Credit Amount (tons):** 0.00

**Total Adjusted Reporting-Year Disposal Amount (tons):** 4,421,529.04

**Reporting-Year Transformation Waste (tons):** 135,963.03

Reporting Entity	Quarter	Destination Facility	Transformation Ton
Los Angeles	1	Commerce Refuse-To-Energy Facility	10,688.18
Los Angeles	1	Southeast Resource Recovery Facility	21,936.07
Los Angeles	2	Commerce Refuse-To-Energy Facility	8,247.58
Los Angeles	2	Southeast Resource Recovery Facility	23,017.84
Los Angeles	3	Commerce Refuse-To-Energy Facility	9,881.83
Los Angeles	3	Southeast Resource Recovery Facility	27,604.50
Los Angeles	3	Covanta Stanislaus, Inc.	10.82
Los Angeles	4	Commerce Refuse-To-Energy Facility	9,340.77
Los Angeles	4	Southeast Resource Recovery Facility	25,235.44

**Reporting-Year Population:** 4,805,545

**Reporting-Year Employment:** 1,977,197

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

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

	Population		Employment	
	Target	Annual	Target	Annual
Disposal Rate without Transformation (pounds/person/day):		5.0		12.3
Transformation Rate (pounds/person/day):	1.4	0.2	3.5	0.4
<b>The Calculated Disposal Rate (pounds/person/day)</b>	<b>7.1</b>	<b>4.8</b>	<b>17.5</b>	<b>11.9</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

**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 3 additions to our NDFE in 2014:
- 1) Potential Industries: West Valley Fibers
  - 2) American Industrial Services C&D
  - 3) S.A. Recycling 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:**

Not applicable.

**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**

**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.

**SRRE and HHWE Diversion Programs**

<b>1000-SR-XGC (Xeriscaping/Grasscycling)</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 4351.35	Selected in SRRE: Yes
		Owned or Operated: Yes
<b>Selected Program Details:</b> Grasscycling   Xeriscaping		

**Jurisdiction Notes:**

ARTESIA: Xeriscape garden in front of City Hall, grasscycling workshop at the "Go Green Event" held annually in the fall. Grass clippings are left onsite at the City's parks.

BEVERLY HILLS: True Green Land Care is the contractor of all parks and street medians. The City has xeriscaping at three major city facilities for a total of 30,000 sq. ft. Majority of yard trimmings are sent to Lopez Canyon for mulching and composting.

BRADBURY: The City has removed all lawn from the civic center and medians. The City's ongoing policy and practice is to use native landscaping at the Civic Center, trails and medians that require little to no water and very little trimmings. The City also encourages the use of grasscycling through information published by LA County Public Works (The City's Contractor for Public Works) Environmental Programs Division.

DOWNEY: Xeriscaping models 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. Additionally, the City replaced approximately 12,500 sq. ft. at Encanto Park and City Hall with drought tolerant plants.

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. The City's parks, playing fields and Green Belt demonstrate the benefits of mulching, grasscycling, and the use of native drought tolerant plants/landscaping. Residents are continued and encouraged to grasscycle or incorporate indigenous plants in landscaping. 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.

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: LAVA/LAX collects grasscycling and greenwaste, grass clippings are in the high profile areas such as the Central Terminal Area, in the other areas we use mowers with mulching blades. The collected grass is mixed with the greenwaste which is taken to a City facility for composting.

Harbor

Greenwaste Recycling POLA: There are several waste diversion activities involving greenwaste. Grasscycled and artificial turf areas no longer dispose of grass clippings. Greenwaste is collected by gardening and tree trimmer crews, and is either self hauled to the Harbor Yard Trimmings Facility "Mulching Plant" in San Pedro and/or placed in a 40 cu. yd. roll off located at 500 Pier A Street, Berth 161 which is serviced by LASAN and taken to the same mulching facility. There is an "Urban Forest" area on Terminal Island which tree trimmers have placed a stockpile of mulched tree trimmings.

Recreation and Parks

Grasscycling RAP: Recreation and Park leaves all grass clippings onsite from mowing operations.

Water and Power

Greenwaste Handling: The LADWP is exploring the potential for conversion of all LADWP facilities to California friendly landscaping. Turf replacement will reduce the amount of greenwaste generated.

LYNWOOD: The City continues to grasscycle and xeriscapes 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 its parks and encourages the use of native and drought tolerant plants and 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. The 2013 city-wide AB 341 audit found that several organizations such as Panda Restaurant Group, Rosemead High School, Don Bosco, and University of the West are actively grasscycling. The City encourages xeriscaping amongst residents and businesses through the City's Beautification Award.

SIERRA MADRE: The City has provided two workshops on xeriscaping in 2014. The programs were included as part of a city wide water conservation effort, but were helpful for source reduction of greenwaste as well. City crews will also use grass clippings on public sports fields and park areas.

SOUTH GATE: The City promotes grasscycling through their demonstration area of South Gate Park, a 184-acre City Park that generates 1281 tons of grasscycling annually. The City Park includes a golf course and other amenities.

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 ( 2014)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 289.75	Selected in SRRE: Yes
		Owned or Operated: Yes
<p><b>Jurisdiction Notes:</b>                  ARTESIA: A composting and mulching workshop was held in 2014. Stater Bros has a compost program for old produce. The hauler also handed out a "Composting Made Easy" flyer to residents and business owners at Artesia's green event.                  BRADBURY: Landscape trimmings are recycled in the Civic Center greenwaste and recorded. Tree trimmings are mulched and left on site. Street Sweeping material is recycled at Consolidated Disposal in Gardena. The City encourages backyard composting and mulching and supports these efforts amongst residents. The City participates with the County of Los Angeles' Smart Gardening Program and promotes local educational events and demonstrations.                  DOWNEY: The City hosts four Smart Gardening Workshops in 2014 Smart Gardening program has a booth at the yearly Environmental Fair at Kidsday. The City hosts two free mulch events where residents can receive 2 32 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 and chips on site and applies the processed trimmings 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 has a Community Garden and encourages residents to participate in its operation. The City sponsored a Composting Workshop in April, 2014 and reported a 10% residential participation rate. 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:                  Sanitation                  Backyard Composting Program: The City held 16 composting workshops.                  LYNWOOD: The City continues to provide backyard composting information online.                  MANHATTAN BEACH: The City and Waste Management host 5 free composting classes each calendar year. Discounted bins and extra worms are sold to Manhattan Beach residents at the classes or through Waste Management customer service. The City subsidizes cost of bins and worms through its operating budget. The City and local landscapers provide free mulch to residents at the Public Works Yard seven days a week.                  PALOS VERDES ESTATES: The City promotes the Los Angeles County Smart Gardening Workshops to residents via the City's quarterly newsletter. Residents may utilize composting techniques in their private yards.                  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 2014. Approximately 45 people were in attendance and 30 compost bins were sold. 19 residents received compost rebates 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: In Spring 2014, the hauler created a "Composting Made Easy" flyer to handout at City Hall, Library and Public Works Offices. The flyer is also shared at all community.                  SOUTH GATE: The City of South Gate joined with the Central Basin Municipal Water District, Golden State Water Company, and the Metropolitan Water District to hold a gardening workshop about water saving landscaping practices. The City continues its chipping program spreading the chips as cover 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 Farmers' Market and city yard. Information and materials are provided to residents at events, during community group presentations, at schools (about 40 classes a year) and when requested. The City parks and tree trimming divisions donate trimmings and clippings to the two community gardens in the City for residents to use as mulch or compost, and often use the materials for mulching in the landscaping around city facilities. The City also has a mulch drop off at one of our parks where city crews leave trimmings for residents to take for free (263 tons this year). Tonnage from residents is based on 100 lbs. per composting unit sold by City, a total of 38 bins were sold this year 22.85 cumulative tons.</p>		
<b>1020-SR-BWR (Business Waste Reduction Program)</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: .4	Selected in SRRE: Yes



**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

		Owned or Operated: Yes
<p><b>Jurisdiction Notes:</b>                  ARTESIA: City hauler promotes business wide recycling and source reduction programs at all community events. Stater Bros is an example of a business that has several source reduction programs, including expired meat and milk processing. Both City and hauler are active members of the Chamber of Commerce.                  DOWNEY: 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 2014 approximately 75% 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:                  Sanitation                  Commercial Business Waste Assessment and Technical Assistance: The LASAN Business Waste Assessment and Technical Assistance program is currently on hold due to financial and staff limitations, however, BWA education and practices are ongoing. Businesses that have an interest in setting up business recycling may contact LASAN with questions concerning the process; staff responds through phone or email.                  LYNWOOD: The City continues to assist businesses with waste reduction efforts. In 2014, WRI conducted over 30 site assessments to determine current waste minimization and recycling activities by the business community.                  MANHATTAN BEACH: Amendment of polystyrene ban ordinance to include polystyrene straws, utensils, cup lids, polystyrene foam ice coolers, and removal of exemption for MBUSD use of polystyrene materials. Ordinance became enforceable in October 2014. Amendment for restaurant exemption was repealed by Ordinance 14 0004, once again applying the City's plastic bag ordinance to restaurants in Manhattan Beach. The ordinance became enforceable for restaurants on June 15, 2014. Eight new businesses in Manhattan Beach received their Green Business Certification through the City's program required by the franchise agreement with Waste Management. They received their certifications from the City Council at the annual Earth Day celebration in April. MB resident Craig Cadwallader was recognized by the South Bay Business Environmental Coalition as a 2014 recipient of the annual SEED Award for his work in fostering policy to reduce pollution prevention to the marine environment.                  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.                  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 City and hauler are active members of the Chamber of Commerce, and Rosemead Kiwanis. The City completed a City wide AB 341 audit.                  SOUTH GATE: Waste Management continues to offer waste assessments and recycling to commercial customers. Both the City and WM promote business source reduction. Businesses are aware of the WRAP Awards and General Veneer won a WRAP award in previous years.                  TORRANCE: Over 300 businesses received business waste audits since the program began in 1993. The program started with on site 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.</p>		
<b>1030-SR-PMT (Procurement)</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes
<p><b>Jurisdiction Notes:</b>                  ARTESIA: Purchased ceramic mugs for employees to reduce paper waste. City staff has taken other steps to purchase recycled paper, but as there is no formal policy, this is still not fully implemented and is usually up to an individual employee.                  BEVERLY HILLS: Zero Waste study launching in FY 2015 2016; results will be used to develop procurement practices.                  Current purchasing policies: recycled printing paper, purchased recapped tires for fleet vehicles</p>		

## Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)

BRADBURY: The City's policy is to procure recycled items (paper, toilet paper and paper towels) as well and recycles or reuses existing office supplies 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 and will continue to explore options for the purchase of other post consumer recycled content products. The City continues to develop an Environmentally Preferred Policy (EPP).

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

LOS ANGELES:

Airports (LAX)

Modify Purchasing Practices: The LAWA EPP program team is comprised of various divisions including Procurement Services, Environmental Management and Maintenance Services. The EPP program strategies have taken several approaches: First, the involvement in Mayor Garcetti's executive initiative to develop sustainability metrics and contract reporting, including participation in citywide program development (customized software) for labeling and data mining of contracts for sustainability purposes. Secondly, the involvement between inter departmental EPP and citywide program vendor conferences set to identify materials, equipment and energy saving processes offered by vendors. Thirdly, EPP and GENPS contracting (Goods, Equipment and Non Professional Services) approach toward identifying contracts that contain sustainable improvement possibilities. The EPP team at LAWA is promoting division awareness of EPP goals and inter dept. participation in sustainable procurement practices. Lastly, the EPP team has developed volumetric recycle content and landfill diversion reporting for various categories of goods. These metrics have been ongoing for five years. A formal Procurement Policy is currently under development. This policy has not been formalized and will require BOAC approval prior to implementation. At this time the EPP team is flagging contract requests that contain potential sustainability goods and equipment. EPP is studying a Wizard system modification that would require data entry by the requesting division. LAWA's EPP team is exploring various product categories: Office and custodial supplies paper goods, plastic liners, corrugated packaging materials, cups, facilities lighting, and network copiers.

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 2014 is \$19,694,655.60.

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

Harbor

Buy Recycled Program POLA: The Board of Harbor Commissioners adopted the EPPP which enhances the Harbor Department's overall sustainability plan, provides for researching and evaluating new environmentally preferable products, and incorporates environmentally preferred product language into bid specifications to encourage suppliers and vendors to offer environmentally preferred products at competitive prices (policy #6525). The POLA "Green Team" was tasked with implementing and monitoring the EPPP, it is comprised of staff members from the Contracts and Purchasing, Construction and Maintenance, Environmental Management and Risk Management divisions. They evaluate products considered for replacement, review cost, product effectiveness, disposal requirements, environmental certifications, and environmental risks. A wide range of products from office and janitorial supplies and equipment, tools to heavy equipment, CNG and electric vehicles, marine and construction paint, automotive products, electronics, etc. are reviewed. The Harbor Department also requires product end users to complete a product evaluation form to document the recommend usage of new products such as office supplies and copy paper, paper towels, hand dryers and water fountains (source reduction), and picnic tables w/benches (made from plastic lumber).

Sanitation

Environmentally Preferable Purchasing: City of LA expended approximately \$19.7 million on EPP products. EPP training is available for City departments. EPP purchases are tracked by some departments using a subtask for funding; an automated tracking system is also currently being developed and tested.

Water and Power

Modify Contract Language: The LADWP staff works collaboratively to identify the potential for EPP product purchases in specifications purchases by reviewing the LADWP Supplyline published quarterly which 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 is evaluating options to improve monitoring of the procurement process. City ordinance allows 10% price credit for recycled content products.

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.

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

RANCHO PALOS VERDES: There is an Environmentally Preferable Purchases and Practices Policy for city facilities and/or projects.  
 REDONDO BEACH: The City purchases recycled content office products and other supplies. The City has a decentralized purchasing system and no policy has been established for preferable purchasing.  
 ROSEMEAD: The City does not have a formalize policy in place but continues to practice sustainable purchasing. Some of the practices include purchasing recycled paper, construction materials and composting.  
 SIERRA MADRE: The City follows its Environmental Purchasing Policy which includes source reduction considerations in procurement.  
 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.

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

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: Ware Disposal, the district's waste hauler, has several recycling programs and states on their website their compliance with AB 939, including paper recycling. Individual schools also have their own programs.

BEVERLY HILLS: All schools in the City participate in the mixed waste collection. Food waste program is being implemented at the high school, and a 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 2014, they recycled 242.3404 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, 2015. Students currently source separate.

LOS ANGELES:  
Sanitation  
LAUSD Program Educational Presentations: Republic Waste Services has taken over the bulk of the recycling services with the LAUSD, including education. The Program has educated over 1957 students in 63 presentations.

MANHATTAN BEACH: The City requires Waste Management perform a certain number of outreach hours with the schools. In 2014, WM performed 643 hours of focused outreach to the schools, including the establishment of a campus wide recycling program at the only high school in town, Mira Costa High School. In lieu of 102 stand alone trash cans, 70 "paired" trash and recycle cans were placed. 120 classrooms were equipped with in room recycling containers. Twenty-nine student volunteers delivered walking assemblies to 58 classrooms educating nearly 1800 kids about waste reduction and recycling. Teachers also received recycling training. With the increased recycling, the new service level saved the school district \$17,000 in the calendar year. The Manhattan Beach USD created a Green Team to oversee all environmental responsibilities and activities within the district. Waste Management also sent back to school and end of school year letters to each school with a summary of services available. Each entering 1st grader, 464, received a reusable lunch kit, "Go Green Lunch Box," to reduce lunch waste. Food waste diversion was introduced at Manhattan Beach Middle School, Pacific School, Grandview Elementary, and the South Bay Adult School.

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 sponsors Earth Day assemblies in conjunction with the hauler at four schools in the City. In 2014, over 300 students attended the events. The City also promotes the Los Angeles County Department of Public Works environmental assemblies at schools.

ROSEMead: In 2014, the hauler completed a school (all levels and College) waste and sort separation program. The program resulted in the schools expanding their school recycling and CRV programs.

SIERRA MADRE: Two of the private schools in Sierra Madre make concerted efforts of reducing waste in day to day activities. Sierra Madre Community Nursery School is 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. The two public schools have been less than receptive to recommendations from City staff; however, there have been informal observations of some teachers making more of an effort to educate on source reduction.

SOUTH GATE: All schools in South Gate are LAUSD. The City meets with them to promote recycling and the recycling is being handled by LAUSD's hauler. 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. All schools in South Gate are participating in recycling to the best of the City's knowledge. In addition, WM 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. Twelve 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: 1098.75	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: Offices are encouraged to print double sided. Zero Waste study beginning FY 2015 2016 will be used to expand government source reduction

BRADBURY: The City uses ceramic/glass cups and plates and recycles bottles and cans. The City uses double sided copies, e files and sharing whenever possible. The City returns ink/laser jets cartridges to the vendor for recycling. The City distributes reusable bags to residents at City Hall, events, and meeting to encourage the non use of paper and plastic bags.

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**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 47.38 acres of City Parks, ball fields and Green Belt. City departments continue to practice double sided copying and returned 130 ink jets/toner cartridges 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 and paper utilized at City Hall. In addition, makes every attempt to minimize the use of multiple copies of documents.

**LOS ANGELES:**

**Airports (LAX)**

**Lease Agreement:** LAWA has a contractual obligation referred to in the lease agreements (5.6.2) LAWA Waste Reduction and Removal. TCM shall comply with current and future rules and regulations and together regulations promulgated by the City of Los Angeles regarding the reduction and recycling of trash and debris. Without limiting the generality of the foregoing, TCM shall participate in meeting the Airport's mandated goal of seventy percent (70%) waste diversion by 2015, by developing and implementing a program to remove as much recyclable material from the waste stream as possible a "Recycling Program." Any Recycling Program shall consist of a minimum mixed office paper and cardboard recycling, beverage container recycling in employee break areas and public areas if applicable, diversion through 2 sided copying, reuse of pallets, utilization of minimum thirty percent (30%) recycled content copy paper and recycled content paper goods. CM shall prepare and submit to City a written description of such Recycling Program with respect to the premises and each unit therein as part of the Business and Operations Plan.

**General Services**

**Greenwaste Recovery Contract Language:** Cost saving from repair of furniture equipment requires an additional tracking system. Cost saving from reuse is reflected under new program titled "Project Reuse." **Project ReUse:** The Department of General Services employs the resources of four divisions when locating and placing reusable modular and hard workstations. When City facilities must be relocated and surplus furniture is left, staff from Facilities Management, Civic Center movers, Real Estate Services, and Supply Services work together to coordinate storage of the units for later reuse.

**Harbor**

**Duplex Printing and Copying:** This program listing include 3 types of activities: Duplex (double sided) copying practices; scanned images which eliminates paper generation; and digital media (CD's) transfers which transitioned into online postings and downloads, eliminating both paper and plastic media altogether. Harbor Administrative Building (HAB) copy center services and Engineering are the two main areas where double sided copying is quantified, other divisions practice duplex copying as well but are not asked to quantify. An average of 82 86% of the 3.34 million images were duplexed in 2014 even though three divisions (Real Estate, Property Management and Planning). Scanning of documents, particularly for RFP's which have significantly reduced the generation of hard copies. Nearly all the RFPs are downloaded online from POLA's website, and many other documents, reports and forms are now transmitted electronically. The paper used is 30% recycled content paper and the divisions are finding the significant savings of paper and time as well as convenience. One office in the Construction & Maintenance Division now uses a huge monitor that posts updates and project status.

**Non Food Item Donations:** POLA has been using this program description to also include salvage and inventory liquidation activities (not including vehicles) sent to City Salvage. E waste is also sent to City Salvage but tonnages are not included in the number. Other donations and drive programs include a greeting card collection program that is sent to General Services. Occasional drives such as used clothing for the local shelters are conducted by employees. Divisions may only send authorized Port property for Salvage and activities such as the greeting card collection program is available for Port Staff at HAB, Environmental and C&M Yards. The clothing drive has mainly been organized at the C&M Offices.

**Los Angeles Zoo**

**Source Reduction and Reuse Practices:** The LA Zoo encourages staff to reduce paper waste by reusing the blank sides of draft documents for printing other draft documents, to shred paper for use as animal bedding, and select tree branches for animal exhibit 'furniture', and to use the double sided copying option when copying documents. Employees and visitors are encouraged to recycle Christmas trees with BOS at a designated site in the Zoo's public parking lot. The Education Division frequently requests Zoo staff and over 400 volunteers to bring in empty toilet paper rolls, milk cartons, shoe boxes etc. for use by Zoo Camp participants in making crafts. Employees are encouraged to use email communication instead of paper memos, and when the latter is needed, to create PDFs for email to recipients. Staff is also encouraged to create shared access files of PDF documents for future reference to replace hard copies whenever feasible. Practices are promoted at staff meetings, employee newsletters, and via reminder emails.

**Water Pressure:** The LA Zoo's water supply from LADWP arrives at 200 PSI to the Zoo's Water Regulation System underground vault, where it is reduced to 125 PSI or less for distribution to Zoo (less due to various back flow devices and elevated areas; PSI is also to zoo buildings also reduced).

**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 the watering schedule is: 3 times per week; cool months: twice a week; and winter: once a week or less. Modifications are made for the CA drought by performing repairs as needed and through frequent program maintenance. The Zoo is

## Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)

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.

### Recreation and Parks

**Soil Re Use:** Recreation and Park strives to recycle and re use clean soil generated from park construction projects whenever possible.

**Greenwaste Grinding:** Recreation and Park processes all greenwaste 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.

### Sanitation

**Pen Recycling:** LASAN recycled 96 lbs. of pens.

**CitiMAX Program:** City was able to reuse 935 lbs. of office supplies and equipment.

**Second Chance Week Campaign:** A used toy drive was held in which 954 lbs. of used toys were donated.

### Water and Power

**Duplexing and Recycled Content Paper Products:** Proper paper product and recycling standard includes duplexing printing/copies of all documents two or more pages in length. Reduce paper by sharing/routing copies or distributing electronic copies, using 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. Reusing office materials and supplies is actively encouraged.

**Greenwaste Recovery Contract Language:** The LADWP takes turf clippings, branches, brush, and other materials to LADWP district yards. The collection is made by LASAN and taken to LASAN facilities for processing.

**Internal Printing Modification:** The LADWP has a "Print Less Green Team Initiative" where employees are encouraged to print 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 to 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 the food supplier website's 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).

**MANHATTAN BEACH:** Smoking, including e cigarettes, was banned in all public areas which include public facilities in 2014 to increase health and reduce cigarette butt littering. Water filling stations were installed at public facilities to encourage the use of reusable drinkware. Mutt mitt dispensers and bags are located in 23 areas in the City, providing pet waste bags for community members to properly dispose of pet waste when enjoying the community. Double sided printing is defaulted on every printer. Polystyrene is banned from City purchasing. Reusable plates, cups, and cutlery are utilized at many staff events. Through the City's MB Fit employee health program, employees received a reusable hot/cold beverage container upon attending their first MB Fit health event. There are over 100 public recycling cans in the public right of way. Deskside recycling bins are given and available to all staff. City Council utilizes water pitchers at Council meetings to avoid the use of single-use water bottles. City Council adopted a resolution to explore feasibility of Community Choice Aggregation for Manhattan Beach to bring renewable energy alternatives to the community. City received Chamber of Commerce Best of Manhattan Environmentally Conscious Organization Award. City received the LA County 2014 Green leadership Award in the Public Agency Category for Implementation of Sustainability Programs. Annual Solar Home Tour to promote sustainable building and use of renewable energy through tour hosted by the Environmental Priorities Network. The City received Certificate from South Bay COG and SCE for reaching the Platinum Level in the Energy Leader program, Representing Significant Electricity Savings in Energy and Energy Efficiency Education for the Community. City received AQMD grant funding for electric vehicle charging infrastructure to expand Electric Vehicle charging capabilities in the community, approximately \$25,000. Second Annual Park(ing) Day event held with Beach Cities Health District to promote livable streets and open space.

**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 e mail 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

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

printers are set to print on both sides and the City Council agenda is doubled-sided.  
 ROSEMEAD: At the City yard there is a general mixed recycling bins, metal bin to collect street signs, rebar from concrete, mixed C&D, and the employees collect the CRV. All City offices have mixed recycling containers.  
 SIERRA MADRE: The City follows its Environmental Purchasing Policy which includes source reduction considerations in procurement.

SOUTH GATE: The City has a policy to purchase reusable office supplies and they promote reuse among all employees. The City continues to practice double-sided printing, the reuse of old paper for internal purposes, etc. In addition, the City retrofitted every office trash can for all city employees so that the trash receptacle is small and the recycling container is large; by limiting the capacity of the trash container, individuals will recycle more. In addition, WM purchased new recycling containers for all City conference and lunch 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 e mail 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: 557.05	Selected in SRRE: Yes
		Owned or Operated: Yes

**Jurisdiction Notes:**

ARTESIA: Garage Sale Permit Process is held at City Hall. The hauler promotes all donation and reuse programs in "Recycle Today" newsletter. The hauler also has a partnership with Goodwill as well.  
 BRADBURY: As part of the C&D program the City encourages the reuse and donation of used items to Habitat for Humanity's reuse stores. When this is done it is reported as part of the C&D plan.  
 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; a total of 56 permits were issued.  
 LOS ANGELES:  
 Sanitation  
 L.A. SHARES: The L.A. SHARES Program continues to accept donations at our two warehouses, as well as accepting donations online via our online lottery system.  
 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: Through the City's Franchise agreement, Waste Management is required to host reuse events. In 2014, WM held a Halloween costume drive, placing collection boxes at the schools, and collecting 0.5 ton of costumes from local families. WM also held a shoe drive for two months, with collection boxes located at several city facilities, and collecting 0.5 ton of shoes from community members and staff.  
 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.  
 REDONDO BEACH: Several thrift shops exist in the city where residents are able to sell or purchase pre owned items.  
 ROSEMEAD: The hauler promotes all donation and reuse programs in "Recycle Today" newsletter.  
 SIERRA MADRE: The Woman's Club in Sierra Madre runs a non profit thrift shop throughout the year, publicizing a number of special events to increase participation. The small amounts of funds generated are generally used as informal grants, donations and similar assistance in the community. The City sponsors a yearly Community Yard Sale that continues to grow in popularity and size.  
 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. In addition, the city registered 1337 residential garage sales in 2014.  
 TORRANCE: Torrance promotes Freecycle, CalMax and LoCoMax. The City has several Goodwills 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)**

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 819.72	Selected in SRRE: Yes
		Owned or Operated: Yes
<p><b>Jurisdiction Notes:</b>                  LOS ANGELES:                  Airports (LAX)                  Other Source Reduction LAWA: As noted previously, the LAWA EPP team has programs and strategies set in place for source reduction. For example EPADFE Green seal certified/Eco logo hand was soap purchased (7608 gal.).                  Harbor                  Water Bottle Refill Stations: POLA has several water bottle refilling stations installed at the Construction and Maintenance Division offices.                  Installations Hand Dryers: Several hand dryers have been installed in the Construction and Maintenance Division Building reducing the use of paper hand towels.                  RANCHO PALOS VERDES: The City hands out recycled content reusable bags, pens, etc. at events.                  SIERRA MADRE: The City continues to see source reduction in office activities due to advances in technology. Printers are all defaulted to double-sided printing.                  SOUTH GATE: The City has a significant program with Southern California Gas Company, Southern California Edison, ILG and California Climate Action Network for source reduction, energy efficiency. The City has a comprehensive Green Building program for construction; an inspection program to identify energy efficiency opportunities; community outreach and education on AB 32, GHGs, energy efficiency and compliance; and has developed commissioning policy on energy management. In addition, the City's newest retail destination the Azalea Regional Shopping Complex is a LEED certified building that has incorporated many sustainable practices in both its development and operations.                  TORRANCE: Continuing reusable bag giveaways, some exchanges with plastic bags (through storm drain pollution outreach).</p>		
<b>2000-RC-CRB (Residential Curbside)</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 219316.59	Selected in SRRE: Yes
		Owned or Operated: No
<p><b>Selected Program Details:</b>                  Multi-family residences   Single-family residences   Commingled (Single-stream)   Mixed Waste Processing at MRF   Film Plastic   Glass   Metal   Miscellaneous paper (includes phone books, catalogs, magazines and other paper)   Newspaper   Office paper (white &amp; colored ledger, computer paper, other office paper)   Plastic 1-2   Plastic 3-7   Uncoated corrugated cardboard and paper bags</p>		
<p><b>Jurisdiction Notes:</b>                  ARTESIA: The hauler promotes the curbside recycling program and updated recyclable items on the City's website, newsletters, annual brochure, and at all community events.                  BEVERLY HILLS: City prescribes to a two-stream system. Recyclables and refuse are co mingled and separated at a Materials Recovery Facility. City has an agreement with Community Recycling, Resource, and Recovery, Inc.                  BRADBURY: The City has a curbside recycle program based on need of residents. Residents are able to purchase a 15/60/90 gallon recyclable can. Monitoring is conducted by the waste hauler to ensure it is not contaminated.                  DOWNEY: The City hauler CalMet collects a 3-bin system. Residents may downgrade bins to 35 gallon.                  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 75% of all multifamily structures.                  HERMOSA BEACH: Franchise hauler reports 2569 tons of commingled residential recycling and an additional 330 tons recovered from mixed waste processing. The franchise hauler provides 20, 35, 64 and 90-gal. 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 greenwaste collection bin upon request to the franchise hauler; franchise hauler reports a 10% participation rate in this residential greenwaste recycling program. There is a charge by the franchise hauler for residential greenwaste 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 greenwaste 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 Rock Tenn Recycling Facility for processing.                  HIDDEN HILLS: The City's exclusive hauler for residential is Waste Management. Residents are provided with recycling,</p>		



**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

greenwaste and manure containers which are serviced by WM via a valet service.

**LOS ANGELES:**

**Sanitation**

**Multi Family Blue Bin Recycling Program:** LASAN is presently registering multifamily residential buildings (five units or more) for a free recycling program. Multifamily residential properties participating in the program will receive free recycling and service per week. Blue bins for storage of recyclables will be provided, as well educational information for residents about materials accepted in the blue bins. In 2014, the MFRP serviced 17,000 properties with 403,000 units. The MFRP staff and private haulers held four quarterly meetings to discuss issues/concerns and performed approximately 515 audits. **Mattress Recycling Pilot Program:** LA Sanitation picks up large or bulky household items, such as mattresses, couches, and other furniture from all residents serviced by the City of Los Angeles free of charge. Arrangements will need to be made at least one day before a regular collection day to insure removal of items. Bulky items are collected on the day of regular trash collection day.

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

**LYNWOOD:** In 2014, a total of 4,308.07 tons was collected by the curbside mixed waste program.

**MANHATTAN BEACH:** Citywide residential curbside recycling impacts over 13,000 households and multifamily complexes. Materials are commingled (plastic, glass, metal and paper) and placed in carts for automated collection.

**PALOS VERDES ESTATES:** Athens Disposal provides residential curbside collection, exclusively for the City.

**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 or to educate for next pick up.

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

**REDONDO BEACH:** The City collects trash, recyclables, and compost from 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 hauler promotes the curbside recycling program through updates on the City's website, newsletters, annual brochure, and at community events.

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

**SOUTH GATE:** A total of 2803.32 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-gal. 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: 319.2	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: The local retailers collect ink cartridges, cell phone, and plastic bags.  
 BRADBURY: The City provides information on drop off centers in neighboring jurisdictions.  
 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 buy back 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:  
 Sanitation  
 Residential Drop Off: Residents can drop off electronics such as cell phones at several S.A.F.E. (Solvents/Automotive/Flammables/Electronics) Centers in the City.  
 MANHATTAN BEACH: Pharmaceutical drop off box located in PD/FD lobby and accepts both controlled and uncontrolled substances. Residential battery drop off locations at 5 city facilities: City Hall, PD/FD lobby, Public Works lobby, Joslyn Senior Center, Manhattan Heights Community Center. Eyeglass donation container is in FD/PD lobby.  
 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 on the City website calendar.  
 RANCHO PALOS VERDES: City provides information on drop off centers in neighboring jurisdictions.  
 REDONDO BEACH: Residents can take materials to City's Public Works Yard.  
 ROSEMEAD: The local retailers collect ink cartridges, cell phone, and plastic bags.  
 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.  
 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. All schools have either Planet Aid or Angel Bins; businesses as well have these types of drop offs in their parking lots. Many businesses also take different types of materials for recycling. Recent city ordinance restricting the number of containers allowed in the City and permit requirements should lead to a tracking mechanism. Tonnage is from drop off at Rock Tenn MRF which supplies a drop off bin outside their offices for the public per our contract.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 5671.1	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: Some stores participate in the buy-back program.  
 DOWNEY: The City has several privately owned buy-back centers, collecting CRV glass, aluminum and plastic.  
 DUARTE: Continuing to promote buyback effort at two centers located within a mile of the City in the neighboring City of Monrovia and at the local Ralph's grocery store.  
 HERMOSA BEACH: CalRecycle reports 12 tons of aggregate diversion.  
 LYNWOOD: There are two buy back centers within the City. The City distributed large calendar pamphlets providing information on beverage container recycling locations.  
 MANHATTAN BEACH: Community members who wish to redeem CRV containers are referred to either Trader Joe's (2 in MB) or Bristol Farms. These locations are designated redemption centers through CalRecycle (buy-back center required every 1.5 miles). WM is required as part of the franchise agreement to assist in identifying producer responsibility business opportunities in the community.  
 POMONA: The City has a few businesses that offer buyback. Materials accepted are aluminum, cardboard, glass, plastics, newspapers, magazines and scrap metal, including stoves, refrigerators, washers and dryers, and all types of steel.  
 RANCHO PALOS VERDES: City provides information on 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: Some stores participate in the buy-back program  
 SOUTH GATE: There are five buy back centers located in the City. For 2014, CalRecycle reported the following data (in tons): aluminum 369; glass 485; plastic: 522.1; mixed/other: 321.  
 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: 148349.19	Selected in SRRE: Yes
		Owned or Operated: No

**Selected Program Details:**

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

**Jurisdiction Notes:**

ARTESIA: The City and hauler continue to promote the AB 341 mandate and tips for source reduction and recycling. The results from the Citywide AB 341 audit found the City has 200 businesses that have generated four cubic yards or more of waste, and 81 multifamily that are five units or more.  
 BEVERLY HILLS: Crown Disposal is the exclusive franchise hauler for the City's commercial sector and offers mixed waste processing, and provides recycling bins for free. The City held 3 public outreach events in which 300 MCR flyers were distributed. MCR information is also included at [www.crowndisposal.com](http://www.crowndisposal.com).  
 BRADBURY: In 2012, for AB 341 compliance the City met with CalRecycle and the LARA website has a portal with facts to AB 341 which is on the City's website. The City does not have any businesses or multifamily dwellings located within the City limits. The commercial reference is based on the type of service used at residential service that uses bins instead of barrels. These are used on large properties that are over five acres.  
 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 cover commercial accounts; the number of covered commercial accounts not recycling with franchised hauler is 190. There are 540 multifamily accounts 5 + units and the number of covered multifamily not recycling is 40. Monthly information is printed on all franchised haulers 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 10% MFC elected to add recycling services as a direct result of the letter; 16% Commercial accounts 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 3327 tons diversion from mixed waste processing including plastics, paper, cardboard and mixed metals.  
 HIDDEN HILLS: The City met with the only AB 341 regulated facility in the City, a school, and presented to them the requirements of AB 341 and offered the City's 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.

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**LOS ANGELES:**

**Airports (LAX)**

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

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

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

Magazine Recovery: LAWA/LAX provides airlines and tenants with different type and size bins for recyclable goods; these bins are collected by LAWA staff and brought to maintenance yard to fill larger bins which are recycled by LASAN. The magazines are collected from the various Airline VIP lounges during the magazine change out as well as Hudson News which is a LAX concession.

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

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

**Harbor**

Cabrillo/Marina Program: POLA has two separate Marinas Programs Cabrillo Way Marina has 50 75 recycling containers placed next to each trash container which their maintenance department services however, due to heavy scavenging there are little CRVs left to recycle. An employee collects the CRV from the office staff. Cabrillo Marina has 6 containers for CRV recycling and employees take them for recycling.

**Sanitation**

Mandatory Commercial Recycling: City Council adopted an ordinance for the franchise system. RFP came out in June and proposals were submitted in October. LASAN held 36 community events and visited 26 council field offices in which MCR was promoted. 5,450 MCR flyers were distributed and regular updates and posts were made on LASAN websites and Facebook.

**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 multifamily customers. In 2014, 4,571.93 tons were collected. Of the 508 accounts (215 commercial, 292 MFD, and 1 SFD) in the City subject to the mandatory commercial recycling regulation, five contract for source separated recyclables and six contract for source separated greenwaste, while the rest used mixed waste processing. All businesses in the City were informed of the program multiple times per year.

MANHATTAN BEACH: On site recycling pick up available to all businesses and multifamily complexes at no additional charge. Split bins (1/2 trash, 1/2 recycling) are available to businesses upon request who have spatial constraints to allow for source separated recycling. Tonnage includes Mixed Waste Recycling (Dry Route), Mixed Waste Mining at the T Station, Source Separated Recycling, and the Manhattan Village Mall Compactor. AB 341: There are only 26 businesses total in the City who do not have recycling accounts with the City's hauler, WM. All of these locations have been contacted and the City's hauler is working to secure recycling accounts for them 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. A total of 703 businesses are located within the City and 455 businesses are not recycling. There is a total of 98 Multifamily Dwellings, and only two are not recycling. The haulers issue flyers to the commercial customers in addition to performing onsite surveys to discuss AB 341.

RANCHO PALOS VERDES: 2,902.18 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 will work with its haulers to monitor the status of each non compliant account. In December of 2014, the City mailed AB 341 and mandatory commercial recycling related information to over 2,075 business license applicants. A total of 46 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.

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.

ROSEMEAD: The City and hauler continue to promote the AB 341 mandate and tips for source reduction and recycling. The results from the citywide AB 341 audit found the City has 200 businesses generating 4 cubic yards or more waste, and 81 multifamily are 5 units or more.

SIERRA MADRE: Mandatory Commercial Recycling requirements have generally been met with the hauler taking all commercial material to a material recovery facility. Outreach and education continues and staff makes all efforts to address

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

the requirements with new businesses.

**SOUTH GATE:** A total of 45,199.46 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. One shining story is South Gate Senior Plaza where WM conducted an individual program so that all 136 residents have individual recycling containers. Public education and posters were also distributed for the center. All residents then deposit recycling in a communal 4 yard bin in the complex's parking enclosure.

**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 mail outreach brochure. Hauler survey for 2014 shows (unaudited data): 1743 customers meet criteria, of those 1239 have recycling programs, 69% of the affected businesses and 78% of the affected multifamily complexes.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 53938.79	Selected in SRRE: Yes
		Owned or Operated: No

**Jurisdiction Notes:**

**ARTESIA:** The results from the citywide audit found 8845 tons of third -party recycling from 119 businesses.

**BEVERLY HILLS:** Businesses have the option to employ another entity outside of Crown Disposal to handle recyclable material. They also have the right to sell or transfer materials to a destination of their choosing.

**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 over 30 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:** 283.75 tons of asphalt was diverted at C&D recycling facilities.

**ROSEMEAD:** The results from the citywide audit found 8845 tons of third party recycling from 119 businesses.

**SOUTH GATE:** Businesses can self haul recyclables and there is extensive self hauling in the City. Materials are varied and include cardboard, metals, plastics 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: 242.34	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: ABC School District says that individual schools have recycling programs that they use for fundraising.

BEVERLY HILLS: Franchise hauler, Crown Disposal, implements mixed waste processing/separation for all schools in Beverly Hills Unified. Source separation takes place at Community Recycling, Resource & Recovery.

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. The City hosted an event at Royal Oaks School and recycling and environmental information was made available to residents at a City booth.

DOWNEY: Downey USD uses franchised city hauler CalMet for all solid waste.

DUARTE: The Duarte USD worked with two haulers in 2014 (Southland Disposal and Commercial) to recycle at their nine facilities. On the average, they recycled approximately 40% in 2014.

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. 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 and 3Rs curriculum in the two schools with implementation scheduled for fall, 2015. Grades to Green, a school parent group, continues to provide 3Rs and other environmental educational materials to the students. Grades of Green curriculum and educational outreach focused on water conservation in 2014. The school parent group also sponsors the Garden Club with parent docents operating the school community garden with students participating in its operation.

HIDDEN HILLS: The only school in the City does have a recycling program. They recycle bottles, cans and paper.

LOS ANGELES:  
Sanitation  
Los Angeles Unified School District Curbside Recycling: Republic Waste Services has taken over the bulk of the recycling services with LAUSD. As of December 2014, 519 schools were enrolled in the program, including 91% of all elementary schools.

LYNWOOD: Lynwood USD's hauler provides recycling services.

MANHATTAN BEACH: The City requires WM to perform a certain number of outreach hours with the schools. In 2014, WM performed 643 hours of focused outreach to the schools, including the establishment of a campus wide recycling program at the only high school in town, Mira Costa High School. In lieu of 102 stand alone trash cans, 70 "paired" trash/recycle cans were placed. 120 classrooms were equipped with in room recycling containers. 29 student volunteers delivered walking assemblies to 58 classrooms educating nearly 1800 kids about waste reduction and recycling. Teachers also received recycling training. With the increased recycling, the new service level saved the school district \$17,000 in the calendar year. WM also sent back to school and end of school year letters to each school with a summary of services available. Food waste diversion was introduced at Manhattan Beach Middle School, Pacific School, Grandview Elementary, and the South Bay Adult School. Halloween costume donation drive was held, collecting 0.5 ton of costumes which were then donated to "Beyond Shelter" in Los Angeles.

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 sponsors Earth Day assemblies in conjunction with the hauler at four schools. In 2014, over 300 students attended the events. The City notifies the schools and teachers of recycling workshops aimed at educators and grant opportunities.

REDONDO BEACH: All of the schools have recycling and some have composting programs. Very little contact with schools.

ROSEMEAD: The City hauler has created a comprehensive Expanded Recycling program to promote in the school. The hauler recycling robot "MRF'y" provides school assemblies at no charge.

SIERRA MADRE: There are two private schools in Sierra Madre that are outstanding in their efforts to promote recycling. The two public schools continue to be difficult to work with formally. However, staff has observed individual teachers that are including recycling and environmental stewardship in their classes.

SOUTH GATE: All schools in South Gate are LAUSD, and recycling at these schools is handled by LAUSD's hauler. The City meets with these schools to promote 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 are two other schools in 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: 29684.96	Selected in SRRE: Yes
		Owned or Operated: Yes

**Jurisdiction Notes:**

ARTESIA: Desk-side recycling bins are available to staff as well as larger recycling bins in communal areas.

BEVERLY HILLS: City facilities are covered by Crown Disposal through a mixed waste collection which is separated at

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

Community Recycling, Resource & Recovery. Tonnage is reflected in the Commercial On Site Pick-up.

**BRADBURY:** The Civic Center recycles all material it can and that is reflected in program 2030.

**DOWNEY:** The City Public Works Department recycled greenwaste, 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 on site pick up of recyclable materials. Government recycling tonnages are included with Commercial On Site pickup.

**HERMOSA BEACH:** The Public Works Department recycled 146 tons of C&D including asphalt and concrete reported in program 406022 tons of greenwaste, 3.38 tons of mixed metal scrap reported in program 40402.45 tons of automobile and truck tires reported in program 4020 and 28 tons of wood scrap. 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 2014 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, cardboard and CRV plastics, glass and aluminum. 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.

**HIDDEN HILLS:** The only City facility is City Hall. Batteries, 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:** POLA administration divisions all have a desk-side 7 gallon blue recycling containers and centralized collection containers are located in copy rooms and break rooms. There are custom ordered recycling containers in the HAB cafeteria. Harbor Department Labor crews collect both trash and recycling and place them into the appropriate 90 gallon or 4 cubic yard bins. Labor crews also go throughout the C&M Yard and collect cardboard that is not already brought to the two 4 cubic yard recycling bins designated for cardboard only. Materials include cups/containers, juice/milk cartons, plastic bags and hangars, all types of office paper, chipboard, glass bottles/jars, metal tin, steel, aluminum cans (food, drink, aerosol, empty paint cans), aluminum foil and trays, metal hangars. Materials go to the current City of LA contracted MRF in the Harbor area. LASAN also services POLA's trash and recycling from Environmental, C&M Yard and HAB (Administrative Offices) and the Port of Police buildings.

**Toner Cartridge Recycling:** Toner cartridges from desktop printers, copy room and engineering department plotters are collected and sent to Staples' recycling vendor. They are placed in pre paid boxes addressed to: Cartridge Return Center, and picked up by UPS. POLA piggybacks on the League of Oregon Cities' contract for toner cartridge purchasing. There are boxes for toner and ink jet cartridges in Engineering and Information Technology (IT) who receives most of the cartridges. Copy Center mostly recycles its own toner cartridges.

**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 greenwaste. 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.

**City Facilities Recycling Program:** The City Facilities Recycling Program continues to be a comingled recycling program comprised of 14 full-time staff, 4 part-time staff, and one full-time field supervisor that provide recycling services to City employees throughout the City of LA from the Valley to the South Bay areas at over 300 sites.

**Toner Cartridge Recycling:** The Toner Cartridge Recycling Program continues to provide cartridge recycling pickup at various City offices through a contracted vendor for the City's remanufactured 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 program 2030.

**MANHATTAN BEACH:** 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, which is 604.46 tons.

**PALOS VERDES ESTATES:** Government offices continue to recycle comingled materials and greenwaste generated on

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

premises.  
 POMONA: City Hall received a weekly pickup of blue containers 13.0 tons. Mostly paper and other recycling products are in the containers. Departments also do toner cartridge recycling. 154.10 tons of greenwaste were generated by City Crew maintaining Reservoir Sites and Street Crew called out on emergency trees/limbs down.  
 RANCHO PALOS VERDES: The City continued its periodic evaluation of recycling programs at City Hall and City Parks in 2014. 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 yard is a general mixed recycling bins, metal bin to collect street signs, rebar from concrete, mixed C&D, and the employees collect the CRV. All city offices have mixed recycling containers.  
 SIERRA MADRE: The City has continued to prominently place recycling "Blue Bins" throughout government buildings as well as well as ensuring that separate recycling "dumpster" bins are available and serviced at the four major locations within the City: City Hall, Police/Fire station, Community Center, and Public Library.  
 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 911 tons, capital projects for asphalt/concrete 13837 tons, dirt 2443 tons, vegetation 16 tons, and asphalt zipper 2700 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: 989.48	Selected in SRRE: Yes
		Owned or Operated: No



**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: Just Dump It (legally) Campaign for bulky items and the annual Household Hazardous Waste and E-waste Roundup were held with two drop-off locations. The hauler offers Christmas tree recycling.

BEVERLY HILLS: Christmas trees are collected after holiday season. Trees are processed along with the greenwaste.

BRADBURY: The City in partnership with its waste hauler Burrtec participates in the LA County Sanitation District Annual Christmas Tree Recycling Program with curbside pick up. Phone books, as previously described, are now collected as a regular part of the curbside 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 65 tons of Christmas trees was collected by City's franchise hauler, Burrtec Waste. The Electronic waste, clean rock/dirt/gravel, metal, tires, and greenwaste diverted for community wide cleanups (tonnage included in Special Waste Programs).

HERMOSA BEACH: The franchise hauler continues to provide Christmas tree drop off service to City residents.

HIDDEN HILLS: The City of Hidden Hills recycled approximately 135 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:  
Sanitation  
Christmas Tree Drop Off/Collection: LASAN continues to collect Christmas trees during the months of December and January.  
Street Services  
Bulky Waste Recovery at Bureau Transfer Stations: The Bureau of Street Services (BSS) no longer maintains the bulky item pickup program. The program has been deferred to LASAN since 2014.

LYNWOOD: In 2014, 25.89 tons of Christmas trees were collected for mulching/composting.

MANHATTAN BEACH: The City and Waste Management continue to offer curbside holiday tree collection and recycling. In 2014, holiday trees were no longer processed as ADC; they were taken to Waste Management's RAC facility in Lancaster for composting.

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

POMONA: City staff collects the Christmas Trees curbside 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: 75.00 tons of bulky items collected. The City's hauler continues to collect Christmas Trees for recycling. The totals collected are included in greenwaste totals (3000 CM RCG), and the balance is mulched or used as Alternative Daily Cover (ADC). The residential haulers promoted special holiday collections with billing inserts and flyers at public counters and parks.

REDONDO BEACH: The City provides a Christmas collection event each year. The City promotes the program.

ROSEMEAD: Annually Republic Services promotes a Book Recycling program where all donated books are taken to the local hauler office and collected to be recycled. The hauler also promotes the Bicycle Donation Program. The bikes are collected by the hauler and refurbished. The bikes are then donated to back into the community.

SIERRA MADRE: The City continued its Christmas tree recycling program in 2014. The City also recycles park greenwaste associated with "Cleanup Days" that are sponsored by community organizations such as the Sierra Madre Little League and Sierra Madre Environmental Action Council.

SOUTH GATE: 24.20 tons in Christmas trees plus 6059 residential bulky item pickups and 320 white goods. The City has Christmas tree and bulky item recycling and conducts significant public education related to both of these programs. Waste Management made 5999 residential bulky item pickups, 297 white goods pickups as well as 60 commercial bulky item pickups and 23 white goods pickups totaling 314.95 tons.

TORRANCE: Data from City Christmas tree collection totals to 64 tons, brush removed by goats totals to 14 tons and City facilities scrap metal totals to 21 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: 237.46	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

**ARTESIA:** Just Dump It Legally Campaign for bulky items, and the annual Household Hazardous Waste and E-Waste Roundup.

**BRADBURY:** In partnership the City and Burrtec host two clean up days annually in three locations throughout the community with collection for greenwaste, large items, and e waste. The City is typically involved in special collection events with neighboring jurisdictions. In 2014 the City partnered with the City of Duarte for an Earth day event where students cleaned trails and parks as well as planted native landscape in medians and the Civic Center. In addition in partnership with Monrovia and Sierra Madre the City also participates in used oil collection drop-offs and collection programs.

**DOWNEY:** The City collected used tires through a Local Government Waste Tire Amnesty Grant Program. The City participated in nine used tire events (Norwalk, La Mirada, Santa Fe Springs, Pico River, and Cerritos). The City promoted a special Electronic Waste Recycle & Paper Shredding event sponsored by Downey Rotary Club.

**HERMOSA BEACH:** The franchise hauler conducted two document shredding events in partnership with the City. Each shredding event was for eight hours.

**LOS ANGELES:**

Airports (LAX)

Special Event Recycling: LAWA or Tenant may request recycling containers for special functions such as the annual Book Fair at the Westchester Shopping Center.

Sanitation

Special Event Recycling: In 2014, LASAN serviced a total of 213 events and a total of 19,303 lbs. of recyclables was collected.

**LYNWOOD:** In 2014, two bulky item collection events and neighborhood cleanups were conducted. A total of 14.43 tons was 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:** The City hosted a site for the Annual Heal the Bay Coastal Cleanup Day at Malaga Cove Beach. Students and community groups teamed up with City residents to collect trash and recyclables. Residents receive one free bulky item pickup annually; additional bulky item pickups cost \$25.00 per item.

**POMONA:** The City conducts six community clean up events each spring and Valley Vista is the contractor that collects bulky items, used oil and filters are collected, and e waste.

**RANCHO PALOS VERDES:** 42.03 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. 58.01 tons were collected from two brush collection events held in the spring and fall.

**ROSEMEAD:** In 2014, the City hosted a Rosemead Recycling and Drop Off event. The event collected 1859 lbs. of miscellaneous donations, clothing, furniture, etc. The City hosted a shedding event and collected 1098 lbs. of material.

**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. Residents are used to having the containers provided, and use them and express their appreciation for them.

**SOUTH GATE:** The City held four community cleanup events and diverted 55 tons of materials. In addition, the City held a HHW roundup that diverted 13.4 tons of materials.

**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.

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

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

**Jurisdiction Notes:**

**HERMOSA BEACH:** The City continues to auction surplus office equipment, furniture and office supplies. In 2014 the City auctioned eight vehicles including small vans, sedans, light trucks and small SUVs. Textiles, carpeting, e waste, pallets and food waste are recovered during franchise hauler's mixed waste processing.

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

**3000-CM-RCG (Residential Curbside Greenwaste Collection)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 412200.52	Selected in SRRE: Yes

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

		Owned or Operated: No
<b>Selected Program Details:</b> Multi-family residences   Single-family residences   Food Scraps   Yardwaste		
<b>Jurisdiction Notes:</b> <p>ARTESIA: All greenwaste from the City is collected by the hauler and delivered to Compton Transfer Station and then transferred to the hauler Falcon Transfer and Recycling Station in Wilmington where it is processed on site by Ecology. Ecology arranges for the processing and marketing of the organic waste received.</p> <p>BEVERLY HILLS: Residential greenwaste is collected separately by Beverly Hills' Solid Waste Division and processed apart from mixed waste stream. Greenwaste is transformed to compost.</p> <p>BRADBURY: Since the closure of the Puente Hills Landfill greenwaste is taken to the West Valley MRF and combined with other greenwaste and processed as compost material.</p> <p>DOWNEY: The City trash hauler provides greenwaste bins for all residential customers as part of the curb side program (3 bin service).</p> <p>DUARTE: Since the closure of Puente Hills, greenwaste is taken to West Valley MRF.</p> <p>HERMOSA BEACH: Franchise hauler continues to offer residential greenwaste collection services upon request with a fee charged for a greenwaste collection bin. The green bin is for the collection of recycling of yard trimmings only, including organic materials generated in landscapes or gardens. Food waste cannot be placed in the green bin at this time. The franchise hauler estimates a 10% participation rate in the residential curbside greenwaste program.</p> <p>HIDDEN HILLS: The City of Hidden Hill's franchise hauler collects greenwaste and manure from residents throughout the City. In coordination with CalRecycle, the City calculates manure and greenwaste as a combined item.</p> <p>LOS ANGELES: Sanitation Curbside Collection of Yard Trimmings: LASAN collects yard trimmings placed in the residential greenbins. Bulky Yard Trimmings Collections: The City offers a once-a-year annual brush/yard trimmings collection free of charge to all households serviced by LA Sanitation. The trimmings must be bundled and tied, no longer than 4 feet long and no heavier than 30 lbs. LYNWOOD: In 2014, 3,070.29 tons of greenwaste was collected and composted. MANHATTAN BEACH: Curbside greenwaste recycling is available to all residential and multi family properties at no additional charge. PALOS VERDES ESTATES: The City's franchise hauler collects greenwaste from residents throughout the City. POMONA: The greenwaste is collected in 96-gallon green containers and is taken to Rios Recycling in Riverside. RANCHO PALOS VERDES: A total of 10,661 tons of greenwaste was collected by the City's haulers, 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: All greenwaste from the City is collected by the hauler and delivered to Compton Transfer Station and then transferred to the haulers Falcon Transfer and Recycling Station in Wilmington where it is processed on site by Ecology. Ecology arranges for the processing and marketing of the organic waste received. SIERRA MADRE: Residents are provided with unlimited free "Greenwaste" bins as part of their curbside service from our contract hauler. Residents are also advised that they each receive four "bulky item" pickups per year at no charge which are often used for greenwaste after windstorms. This material was collected as a special service by our franchise hauler and used as ADC in Scholl Canyon and Puente Hills landfills. Residents have been asking for a return to a "chipper" program which assists them with fire preventative efforts. Staff is working with the Fire Marshal and Cal Fire (among other possibilities) to determine if funds can be acquired for this in the future. SOUTH GATE: The City and Waste Management are working together to design a new curbside greenwaste collection program. The City estimates that the Council will approve the program within 2015 and the program will be implemented no later than early 2016. TORRANCE: Fully automated program, 64 and 96-gallon container option. No food waste is included yet, waiting on infrastructure.</p>		
<b>3010-CM-RSG (Residential Self-haul Greenwaste)</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 703	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: Landscapers and gardeners haul their own greenwaste from the City.  
 BEVERLY HILLS: Residents and landscapers are allowed to handle their greenwaste as they see fit. A zero waste study (launching FY 2015 2016) will investigate how to capture the greenwaste tonnage.  
 DOWNEY: Residential customers have the option to self-haul greenwaste and tree trimmings to local MRF/Transfer Station.  
 DUARTE: Residents have the option to self-haul.  
 LYNWOOD: Residents may self haul greenwaste to local facilities.  
 MANHATTAN BEACH: Residents may haul their own greenwaste if they choose, however residents prefer to utilize the free curbside greenwaste program offered through the City's hauler, Waste Management.  
 PALOS VERDES ESTATES: Residential greenwaste is accepted at the Palos Verdes Recycling Center. Landscaping and Independent Gardeners self-haul greenwaste from residential customers.  
 POMONA: Self haulers take greenwaste to West Valley MRF.  
 RANCHO PALOS VERDES: Residents may haul their own greenwaste if they choose, however residents prefer to utilize the free curbside greenwaste program offered through the City's hauler, EDCO  
 ROSEMEAD: Residents did self-haul their greenwaste based on 2014 DRS Report.  
 SOUTH GATE: The City has a residential self hauler greenwaste program. Residents, gardeners and landscapers are directed to take their waste to composting sites.  
 TORRANCE: Greenwaste self-haul is available, but no tracking in place.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 6102.82	Selected in SRRE: Yes
		Owned or Operated: No

**Selected Program Details:**

Food Scraps | Soiled Paper Products | Yardwaste

**Jurisdiction Notes:**

ARTESIA: Mini malls contract their own gardeners to pick up their greenwaste. Not captured. It is also promoted in the City and hauler's educational material.  
 BRADBURY: Although the City has no commercial or multi family dwellings the commercial referenced here is based on the type of service used in these case bins vs. traditional residential barrels. Bins are used by large property owners (1, 2, 5+ acres)  
 DOWNEY: Collection of commercial on site greenwaste continues by the City's waste hauler.  
 DUARTE: Burrtec Waste Commercial Greenwaste Participation Rate 2014 AR: 11%. Most greenwaste is taken to West Valley MRF.  
 LYNWOOD: The City's hauler offers greenwaste service for its commercial and roll off customers. Totals included in 2030 RC OSP.  
 MANHATTAN BEACH: On site commercial greenwaste recycling is available to all businesses and commercial bin customers at a discounted rate. Tonnage includes MBUSD and greenwaste collected through the City's landscaper at the Public Works Yard.  
 PALOS VERDES ESTATES: Commercial greenwaste 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.  
 RANCHO PALOS VERDES: City landscapers utilize greenwaste bins at the city yard. 235.24 tons of were collected in 2014.  
 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 greenwaste from commercial accounts that have such waste. In Sierra Madre, there are very few commercial properties that have much greenwaste. However, there is one fruit canning business that does contribute a good amount of greenwaste. Due to its proximity in residential neighborhoods, it is collected with residential greenwaste and not separately identified.  
 SOUTH GATE: The City does not have a substantial commercial greenwaste program. Currently, the program is only temporary roll-offs and because it is limited, it hasn't been tracked.  
 TORRANCE: Information and tonnage included under program 2030.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
---	--------------------------	--------------------------

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

	Report Year Diversion Tons: 4400	Selected in SRRE: Yes
		Owned or Operated: No
<p><b>Jurisdiction Notes:</b>                  ARTESIA: Gardeners are encouraged to divert greenwaste when they apply for business licenses. It is also promoted in the City and hauler's educational material.                  DOWNEY: Commercial customers have option of self-hauling greenwaste to MRF/Transfer stations.                  DUARTE: Voluntary self haul will continue to be encouraged as a supplemental means of collecting greenwaste.                  HERMOSA BEACH: Landscapers continue to haul greenwaste to facilities that provide a decreased disposal cost for green materials.                  LYNWOOD: Landscapers continue to use local facilities for diversion activities.                  MANHATTAN BEACH: Commercial businesses may self haul greenwaste, but choose to utilize the services through Waste Management.                  PALOS VERDES ESTATES: Commercial greenwaste is accepted at the Palos Verdes Recycling Center. Landscaping and Independent Gardeners self-haul greenwaste from commercial customers.                  POMONA: The City provides fact sheets on website for landscapers. Most residential landscapers will use the greenwaste bin provided at the resident or take to West Valley MRF.                  RANCHO PALOS VERDES: Landscapers may take greenwaste to local facilities.                  ROSEMEAD: Citywide audit found several gardeners self-hauling greenwaste to the landfill. ADC is included in the Residential Self haul program.                  SOUTH GATE: 4400 tons as reported by the City's commercial self hauler greenwaste program for City owned operations. Materials are taken to a greenwaste composting site. Gardeners and landscapers are responsible for hauling their own waste there is not a drop-off site in the City.                  TORRANCE: Greenwaste recycling available at local transfer stations. No tracking in place.</p>		
<b>3040-CM-FWC (Food Waste Composting)</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 12338.66	Selected in SRRE: Yes
		Owned or Operated: Yes
<p><b>Jurisdiction Notes:</b>                  ARTESIA: Stater Bros and other grocery stores state they have a food waste composting program.                  BEVERLY HILLS: Food waste is currently limited to commercial properties. More than 95% of restaurants/food establishments participate in food waste recycling. Beverly Hills High School participates in food waste recycling. Food waste is combined with greenwaste to create compost. Compost is made available to all residents free of charge.                  LOS ANGELES:                  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: In 2014, the City's commercial and residential food waste pilot program switched from a composting program to an industrial use program. Food waste is transported from the curb 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, and saving LACSD \$18 million annually in power costs. With increased BioGas quantities, surrounding homes can be powered by the BioGas. The tonnage is made of the food waste from Manhattan Beach Studios (movie studio), the City's Pumpkin Race event, 25 additional businesses, and 777+ residential homes.                  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 backyard composting workshop on August 23rd. Approximately 45 people were in attendance and 30 compost bins were sold.                  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 88.20 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.</p>		
<b>3050-CM-SCH (School Composting Programs)</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: No
<p><b>Jurisdiction Notes:</b>  DUARTE: The District composts/diverts approximately 50 tons per year.  HERMOSA BEACH: The Hermosa Beach City School District's Grades of Green Garden Club continues to promote and sponsor the on site composting and vermiculture programs in the designated school garden. Students participate in the garden's daily operations. The City and franchise hauler have made a donation to the further development of the Grades of 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.  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.  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.</p>		
<p><b>3060-CM-GOV (Government Composting Programs)</b></p>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 26634.39	Selected in SRRE: Yes
		Owned or Operated: Yes

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: Artesia has a community garden that uses compost. The City also held several composting workshops in 2014, the most successful of which was during the Go Green Event in September.

BEVERLY HILLS: WCA & True Green are the contracted landscapers for city grounds. Contractors haul collected material to an off site composting and/or mulching facility

BRADBURY: Landscape trimming are recycled in the Civic Center greenwaste and recorded in those numbers and tree trimming are mulched and left on site. Street Sweeping material is recycled at consolidated disposal in Gardena.

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

DUARTE: City Yard collects greenwaste. Tonnages included in greenwaste commercial on site pick up. Greenwaste is taken to West Valley MRF.

**LOS ANGELES:**

Los Angeles Zoo

Yard/Landscape: Twice a week most greenwaste is delivered to the Griffith Park Composting Facility (GPCF) for compost/mulch production. Materials include leaf litter, manure, all sizes of tree branches, compostable food waste from animal care, and basically, all greenwaste 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. Manure is collected from 'manure only' trash bins at various locations near animal barns. GPCF sells some and donates it to the Zoo for plantings, to other City Depts., and LAUSD.

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 and hay before delivery to GPCF. The compost is eventually sold to the public or given as a donation to Zoo, other City Depts., and LAUSD.

**Sanitation**

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

**Street Services**

Brush Clearance: The Bureau of Street Services chipping and grinding operation receives tree trimmings (i.e. brush and logs) from city crews, the Department of Water and Power, and contractors who are performing City contracts. The brush and logs are brought in and ground. The ground mulch is then screened to produce different products. The overs product is sent to co generation plants to produce electricity. The other products are sent to community gardens, botanical gardens, homeowners, and utilized at City and County facilities and projects. The palm material is sent to farmers for dust mitigation and migrating sand control. None of the material produced at the chipping and grinding operation is composted. The Bureau has a website that promotes free mulch; this is also promoted by word of mouth.

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 Greenwaste 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 greenwaste from city brush clearing and daily operations [the total collected is included in Special Collection Seasonal, Program 2080 and Residential Curbside Greenwaste 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.

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

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 265	Selected in SRRE: Yes
		Owned or Operated: Yes

**Jurisdiction Notes:**

BRADBURY: Most of the manure is delivered to the West Valley MRF facility where it is mixed with greenwaste and processed as a mulch/compost material. The local nursery outlets continue to decline.

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:**

**Sanitation**

Sale of Subsidized Home Composting Units: Composting bins are sold during LASAN Open Houses.

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

RANCHO PALOS VERDES: City's hauler provides residents free limited mulch twice a year at the City yard.

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

<b>4010-SP-SLG (Sludge (sewage/industrial))</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 257985	Selected in SRRE: Yes
		Owned or Operated: No

**Jurisdiction Notes:**  
**LOS ANGELES:**  
 Sanitation  
 Sludge Program: The City of Los Angeles owns and operates two separate wastewater treatment systems. A total of 257,985 wet tons (WT) treated biosolids produced in January 1 to December 31, 2014 at HTP and TIWRP, 196,564 WT (76.19%) were used for agricultural land applications, 29,399 WT (11.40%) for composting, and 32,022 WT (12.41%) for deep well injection project 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.

<b>4020-SP-TRS (Tires)</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 162.14	Selected in SRRE: Yes
		Owned or Operated: No



**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: The citywide third party report found 200 tires recycled by Costco.

BEVERLY HILLS: Tires from city vehicles are recycled. Any abandoned tires found in city are sent to Community Recycling, Resource & Recovery, Inc.

BRADBURY: City residents have the ability to contact the waste hauler Burrtec for bulky item pick up. Tires are taken to recycling facilities. Additionally, the City advertised the tire event in neighboring Duarte.

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

DUARTE: LA County sponsored tire recycling event on 9/21 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 52 automobile tires at 20 lbs. each per USEPA and 52 truck tires at 75 lbs. each per USEPA totaling 2.45 tons diversion. Franchise hauler recovered tires during mixed waste processing, unable to quantify at this time.

LOS ANGELES:

General Services

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

Retread Tire Program: To retread tires throughout City fleet to avoid unnecessary disposal and encourage the purchase of retread tires. GSD purchased \$1,248,564.50 retread tires. Program is Ongoing.

Harbor

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

Sanitation

Sanitation Tire Recycling: In 2014 LASAN collected a total of 9,222 tires.

Street Services

Tire Salvage: The Bureau of Street Services currently has vendors who pick up used tires from BSS transfer stations and recycle them. Used tires are shredded and reprocessed into different rubberized products that can be reused. The program is an ongoing effort to recycle and reuse old and beat up tires.

LYNWOOD: The City promotes tire recycling opportunities. In 2014, the City's hauler collected 3.71 tons from city operations.

MANHATTAN BEACH: The City's Fleet Division recycles its tires after their useful life. In 2014, 225 tires weighing 25 lbs each and four tires weighing 90 lbs. each were recycled for a total of 5985 pounds.

POMONA: The City has vendor that collects tires from residents twice a month. 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.

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

REDONDO BEACH: Dropped in 2014.

ROSEMEAD: The Citywide third party report found 200 tires recycled by Costco.

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. During 2014/2015, the City was the lead in a regional tire grant with Gardena and Duarte to host collection events. Tonnage will be in next report. 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: 852.15	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**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 city bulky item pickup service. All white goods are sent to Community Recycling, Resource & Recovery for processing.

BRADBURY: Items in working conditions are encouraged to be given to Habitat for Humanity for resale at reuse stores.

Electronic items are disposed as e-waste. Other items are recycled by vendors at the purchase of new.

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 metal scrap 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:

Sanitation

On Call Pickup Program for White Goods: LA Sanitation collects large metal and household appliances, such as refrigerators and washers and dryers, from all city residents 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. The contractor, Appliance Recycling Centers of America (ARCA), 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. Materials being recycled from refrigerators and freezers are: metals, plastic, glass, oil and refrigerants. 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. Tonnage includes ferrous 669.73 tons of metal/non ferrous metal, 50.12 tons of plastic, and 16.55 tons of glass.

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.

MANHATTAN BEACH: Waste Management collects white goods from the curb at no additional cost to residential and multi family 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.

RANCHO PALOS VERDES: Free on call collection of white goods is conducted by the City's haulers. The City also promotes the donation of usable goods.

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

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

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. The program is well received by the residents. Illegal dumping of this material is relatively low; however staff has observed a small rise in occasions during 2014.

SOUTH GATE: 320 total white goods were collected and recycled in 2014 from the City.

TORRANCE: City promotes Edison, Goodwill/Salvation Army, 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: 6801.18	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: The City recycles scrap metal through Hi Waste Disposal Co.  
 BEVERLY HILLS: City offers pickup of scrap metal through Crown Disposal. Materials are sent to Community Recycling, Resource & Recovery. Clean loads taken to recycling facility.  
 BRADBURY: 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 3.38 tons of mixed metals.  
 LOS ANGELES:  
 Harbor  
 Ferrous Metals Recovery Program: This program includes several programs particularly scrap metal collected and placed into 40 cu. yd. roll off containers located at 500 Pier A Street (Berth 161). Scrap metal recycling reported on C&D Reports. On occasion, a special load of wire rope or other metal scrap is taken for recycling. Paint cans are thoroughly dried out so that they can be recycled and aerosol and other partially filled cans and containers are handled by our Special Wastes contractors. Recently, the machine shop has started to collect metal shavings created during milling. Ecko Metals takes all the metal materials.  
 Harbor Tenant Diversion  
 Marina Engine Exchange Program: Marina Engine Exchange Program is designed to replace old, highly polluting outboard motors (up to 15 hp) with California Air Resources Board (CARB) certified 3 Star rated or all electric motors. The Port of Los Angeles (POLA) will sponsor 75% of the total cost of the motor replacement (up to \$3,000 for the all electric motors; up to \$2,000 for the CARB certified gas and propane engines). This includes the costs of the new motor, labor for the replacement, and recycling of the old motor.  
 Recreation and Parks  
 Metal RAP: Recreation and Park strives to recycle metal scrap whenever practical.  
 Water and Power  
 Transformers: LADWP 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.  
 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.  
 REDONDO BEACH: Dropped in 2014.  
 ROSEMEAD: The Citywide third party audit found 3967 tons of miscellaneous scrap metal recycled in the City. There is a high volume of metal recycled from So Cal Edison.  
 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: 3482.67	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: The City mulches tree trimmings.  
 BEVERLY HILLS: All wood waste is processed at CRRR MRF including C&D waste. The city's tree contractor mulched and reused wood waste.  
 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:  
 Harbor  
 LAHD-Wood: POLA has several wood diversion activities are reported here: Separation of clean wood, dirty wood and creosote wood to reduce hazardous waste disposal; Pallet reuse (no longer recycling); Continual improvement of Pile Driving techniques to reduce amount of wood waste; major Construction & Demolition project diversion. See below for additional program details. Information conveyed to Construction & Maintenance (C&M) yard crews through the EMS protocols and controls and moveable wood signs that can be placed out when a particular type of wood is being collected. These signs also promoted efficient stacking of wood waste to prevent oversized and bulky wasted space. Creosote wood waste (from old pier pilings) is collected in designated 40 cubic yard bins located at Berth194 on Yacht Street and taken for proper disposal (DTSC Treated Wood Waste Alternative Management Standards) by Patriot (contracted handler). In addition, clean wood is separated by various departments in the Construction & Maintenance Yard at 500 Pier Street and aggregated into a 40 cubic yard roll off collection serviced by LASAN. However, for the last 2 years, since these are slow to accumulate, pallet and painted wood scraps are being placed in the same bin, this material is no longer being taken to the mulching facility or taken to Long Beach SERRF, but instead has been taken to the Republic Falcon Transfer Station by LASAN who services these bins. For now, all the wood in the 40 cy roll off bins are being treated as "dirty wood." The pallet reuse by the warehouse in the C&M Yard has reduced to 3 4 each month. Pilings, or "piles," are constantly being replaced at piers throughout the Port each year. The Port regularly assesses new ways in which they can save on costs, reuse or prevent discards (end cuts), extend material lifespan and durability, worker exposure issues, new technology (recycled plastic camel and fender piles), etc. In 2014, approximately 200 65' piles from a cancelled project were saved for another project. 65' piles could leave as much as 15' so finding other applications for these "end cuts" are an example of waste diversion activities this group regularly practice; Major Construction Projects reported a total of 3394.39 tons diverted in 2014.  
 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 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 locations for recycling.  
 REDONDO BEACH: Dropped in 2014.  
 SIERRA MADRE: The City of Sierra Madre maintains and enforces its C&D ordinance effectively.  
 SOUTH GATE: The City has a C&D diversion program. All C&D loads are taken to Waste Management's C&D recycling facility. The current diversion rate is at 70%.  
 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: 965439.81	Selected in SRRE: Yes
		Owned or Operated: No

**Selected Program Details:**

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

**Jurisdiction Notes:**

ARTESIA: Artesia has a C&D recycling ordinance.  
 BEVERLY HILLS: Processed either as C&D or inerts at Community, Recycling, Resource & Recovery  
 BRADBURY: The material collected is from residential property development. It is the result of new construction and remodeling. The city requires this as per State Law and compliance with the Cal Green Code. Plan and diversion of each project much be verified prior to the C of O being issued and the project being deemed complete. The City is able to do this

## Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)

with the assistance of the hauler Burrtec and the use of Green Halo.

**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.

**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 2398 tons from this program resulting in a 79% recycling rate. The Public Works Department recycled 146 tons of C&D. The franchise hauler reports 317 tons of C&D diversion.

**HIDDEN HILLS:** There are four 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: LAWA/LAX processes miscellaneous base or paving base material for the construction and repair of vehicle service roads, taxiways, taxi lanes, and alleyways etc., used throughout the airport.

Harbor

Inerts Harbor Department Program: Several inert diversion programs exist, including ones that vary greatly from year to year. C&M Crews estimate that an average of 300 cu. yd. of grounded concrete is reused on site (or somewhere else on Port property) for road base material annually. C&M Crews have a stockpile of concrete gravel that they use for "blow outs," emergency, etc. (pile is about 10 cu. yd. and about 20 of those are used). Crews easily take twice as much as they use over to the crusher, and occasionally, loads containing "hard to handle" concrete (containing re bar, etc.) are taken over to Chandler's Sand, Gravel, LLC for recycling/diversion. Major Construction Projects also report their inerts recycling/diversion activities. Most of the reported concrete, asphalt and other inert diversion activities include the recycled/reused amounts. Some of the loads taken to Chandler's are not readily identified as "recycled," but the materials may be used for their fill operations. POLA currently has a crusher unit which is in operation during times of high activity from various POLA contracted major construction projects because POLA has the crusher onsite, it is convenient and cost effective for contractors to use this "recycled" CMB (crushed miscellaneous base) material.

Recreation and Parks

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

Sanitation

Construction and Demolition Debris Recycling Program: The City/LASAN has a C&D Ordinance in place.

Street Services

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

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

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

**LYNWOOD:** A local C&D processor reported diverting 523.48 tons in 2014.

**MANHATTAN BEACH:** Scrap concrete and asphalt left over from City projects is collected by Waste Management in bins at the Public Works Yard (955.79). Construction & Demolition waste left over from City projects is collected by Waste Management in bins at the Public Works Yard (630.55). 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 (Valley Vista).

**RANCHO PALOS VERDES:** 116,952.63 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 from specified projects.

**REDONDO BEACH:** The City requires due to an ordinance that the demolition permit for a structure must recycle 50 percent of the waste. To ensure compliance there is a \$3,000 deductible.

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

ROSEMEAD: In 2014 the City generated 651 tons of mixed C&D. Some of the large projects include construction of a new restaurant Olive Garden and a substantial expansion of the Double Tree Hotel.  
 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, so monitoring and enforcement has picked up.  
 SOUTH GATE: 299.98 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 1957.80 tons and 1612.99 tons (not including data from licensed haulers) from the City's (per ordinance) C&D recycling program.

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

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1651	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 inspector.  
 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 from the community and are traditionally cremated, and the ashes are sold.  
 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. 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: LAWA/LAX has a grease rendering program in place for cooking oil, tonnage is reported by concessions. The used oil cannot be disposed into the sewer drains as this will cause strains into the plumbing system.  
 Sanitation  
 Dead Animal Collection: The City collects and properly disposes dead animals through the Dept of Animal Services.  
 Fats, Oil & Grease Program (FOG): Ongoing.  
 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.  
 REDONDO BEACH: Dropped in 2014.  
 ROSEMEAD: Citywide audit found 15 businesses are participating in the grease and bone and marrow recycling.  
 SOUTH GATE: 3rd Party auditing found that the local restaurants recycled over 300 tons of grease and marrow.  
 TORRANCE: Animal hospitals and restaurants participate in rendering. City is also part of the County's rendering program. 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: 1167.3	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**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 200 gallons of used oil and 42 oil filters.

LOS ANGELES:

Airports (LAX)

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

General Services

Used Lamp Recycling: Recover used fluorescent lamps from City facilities for proper recycling and disposal and to keep hazardous waste from land fields. 24,583 lbs. of lamps were recycled (12.29 tons). 1406 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 staff 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).

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: The City of Los Angeles provides multifamily residential buildings, such as apartments, assistance in disposing of bulky items.

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.

SOUTH GATE: The City implemented a SHARPS mail back pharmacy based program and conducted significant public education about the program including press releases, information on the City's website, flyers that were distributed at events, and information in the City newspaper, Vista. The City also implemented a toner recycling program through HP and Office Max.

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.

BRADBURY: The City has information on its website under the Green and beautiful Bradbury section ([www.cityofbradbury.com](http://www.cityofbradbury.com)) Information includes waste stream details, recycling information and resources, HHW events, community clean ups, being green, storm water pollution, energy efficiency, water conservation, smart gardening, and safe manure practices. E notifications were also sent out about events and tips on 8/29, 7/30, 6/5, 4/11.

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

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. The City also has a Twitter feed that features "Sustainable" information.

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: The City 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](http://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.

RANCHO PALOS VERDES: The City provided MCR outreach materials (flyers, articles, and links to resources) on the City's website for businesses, multi family 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. All education is in English, Spanish, Vietnamese and Chinese. The City's website has a link that directs them to the haulers specific web page.

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

SOUTH GATE: The City promotes diversion via 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](http://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](http://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. We are preparing our app, using My Waste, but it is not finalized yet. 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.

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



**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes
<p><b>Jurisdiction Notes:</b></p> <p><b>ARTESIA:</b> On a quarterly basis, the hauler designs a "Recycled Today:" newsletter which is sent to all residents and commercial businesses and shared at City Hall, Chamber of Commerce and community events. All quarterly newsletters and education is created in English and Spanish. Some of annual topics include: AB 341, source reduction program, community events, promoting the 888 CleanLA programs, bulky items program, illegal dumping, donation programs, updated recycling items, shredding events, and reuse.</p> <p><b>BEVERLY HILLS:</b> The City distributes brochures on solid waste and, two-stream recycling; flyers on Special waste; and news articles are printed occasionally. The City also advertises on school calendar and is also posted on the city's website.</p> <p><b>BRADBURY:</b> The City's hauler Burrtec inserts quarterly newsletters with billing on recycling tips, waste items, new programs and services offered. The City also puts information on recycling, HHW, used oil and other programs in its month newsletter (which is also posted online). In 2014 articles appeared Nov/Dec, September, August, June, March, January. Water conservation article went out in November. Water provider also advertises low water and drought tolerant plantings and programs.</p> <p><b>DOWNEY:</b> 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 &amp; Recreation Guide three times a year; also advertised in the City's local paper "The Patriot."</p> <p><b>DUARTE:</b> City's franchised hauler, Burrtec Waste, inserts Quarterly Newsletters with residential billings which provide information including, but not limited to, collection day reminders, a list of items that can be recycled, etc. The City also does articles on recycling on a regular basis on recycling in both its newsletter in the Chamber newsletter. The City also has anti scavenging hand outs and multi-family recycling handouts.</p> <p><b>HERMOSA BEACH:</b> The City's solid waste consultant continues to distribute AB 939, AB 341, and recycling, reuse and waste prevention educational outreach materials during business technical assistance site visits. The City continues to place County HHW informational brochures on public counters. 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". This year's calendar theme is "Keep Toxic Waste Out of Your Trash Container." The franchise hauler continues to insert informational flyers including AB 341 brochures and recycling options in billings to all commercial and residential accounts two times per year. The franchise hauler has a local office that provides printed information on recycling and waste hauling services to residential customers. The Community Development office has County of Los Angeles S.A.F.E. brochures and AB 341 flyers on the public counter.</p> <p><b>HIDDEN HILLS:</b> The City provides educational outreach via newsletters and the City's cable channel. The City also provides outreach materials at the annual Fiesta event.</p> <p><b>LOS ANGELES:</b>          Airports (LAX)          Publication of Program Status and Results: LAWA/LAX has hired an MA II to the recycling staff. Currently the outreach program is aimed at the tenants and employees and is promoted at the terminal station meetings, door to door and by way of e mails          Harbor          HD Employee and Tenant Education Program: Construction &amp; Maintenance Yard divisions are visited every few years to review waste prevention and recycling programs and educate staff regarding existing and/or upcoming issues. The Big Blue Bin Posters were redesigned in house in 2008 and laminated flyers continue to be distributed both in English &amp; Spanish to all divisions. The "What's New Crew" in house newsletter is always available for dissemination of information as well as POLA's website and "Main Channel" (publication for the community). Tenants are not allowed to participate in any POLA diversion activities except for the Port O'Call Village tenants (the slotted cardboard 4 cubic yard recycling bin has been replaced with an open air four cubic yard container and the Red Car Line. However, the stormwater division does perform regular audits and related materials such as motor recycling is addressed          Sanitation          Employee Guide to Office Waste Prevention: LASAN provides e-copies of this environmental calendar that reminds all to live sustainable practices.          Water and Power          Community Based Public Relations: LADWP recycling is promoted in the community through billing notices, community events and Earth Day programs.</p> <p><b>LYNWOOD:</b> In 2014, recycling guides were delivered to all residential accounts each quarter. Additionally, all commercial accounts received printed information regarding AB 341 compliance.</p> <p><b>MANHATTAN BEACH:</b> Hauler required to create and to circulate a minimum of 12 educational pieces per year. Quarterly notices to the commercial sector, quarterly notices to the residential sector, a semi annual commercial brochure, and a semi annual residential brochure.</p> <p><b>PALOS VERDES ESTATES:</b> 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.</p>		

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

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, multi family 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 multi family 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: On a quarterly basis, the hauler designs a "Recycle Today:" newsletter which is sent to all residents and commercial businesses and shared at City Hall, Public Works, Chamber of Commerce and the Library. All quarterly newsletters and education is created in English, Spanish, Chinese and Vietnamese. Staff hands out flyers at all community events, and services groups. Some of annual topics include; AB 341, source reduction program, community events, promoting the 888 CleanLA programs, bulky items program, illegal dumping, donation programs, updated recycling items, shredding events, and reuse.

SIERRA MADRE: Staff displays and distributes HHW, source reduction, composting and recycling information through printed flyers at city facilities, eBlasts to subscribers, social media, and community radio. Staff also contributes articles to a local Environmental Group newsletter, however the article in 2014 was water quality and conservation oriented. Future articles should include solid waste/recycling topics.

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 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: 2574.3	Selected in SRRE: Yes
		Owned or Operated: Yes

**Jurisdiction Notes:**

ARTESIA: The City and hauler actively participate and set up promotional booths at the National Night Out, Concerts in the Park, Relay for Life, Lunar New Year, State of the City Church festivals, Fall Fiesta, 4th of July and 5K Walk.

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 topic quarterly for direct interaction with residents at the weekly Farmer's Market.

BRADBURY: The City held a community fair and hosted a booth with City of Monrovia on recycling information and used oil collection (5/17). Water agencies were also present for information on xeriscaping. The City co hosted a composting event with Duarte (9/8). In 2014, the City partnered with Duarte for an Earth day event (4/12) where students cleaned trails and parks as well as planted native landscape in medians and the Civic Center.

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 multi family 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, 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.

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: LAW/LAX has a tenant recognition and training certification course 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.

## Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)

Continued Program Enhancement: LAWA/LAX has hired an MA II to the recycling staff. Currently, the outreach program is aimed at the tenants and employees and is promoted at the terminal station meetings, door to door, and by way of e mails. 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 program's activities. LAWA intends to restore this program in the upcoming years.

### General Services

Vendor Outreach Program: GSD sponsored a Vendor Fair to showcase recycled products available to the City. In addition, GSD attended several vendor seminars and made presentations outlining the procedures on how to sell to the City. Included in the presentations were descriptions on the City's EPP Program.

### Harbor

Waste Reduction and Recycling Surveys: The last extensive set of Waste Reduction and Recycling Surveys were in tandem with the on site stormwater audits which targeted tenants are required to participate. Many of the issues, observations, and areas of concern are similar, so additional questions to the stormwater audits were added and follow up was performed as needed. These were conducted in 2012 and a number of waste audits are usually conducted every 3 4 years. During these audits, both businesses and residents were addressed since there are constituents who live on their boats in the Marinas. However, most of the outreach is specifically designed for POLA tenants who are businesses.

Source Reduction & Materials Recovery Monitoring System: This program now refers to the Environmental Management System described in the "Formulate Recycling Committee." POLA operations and marina collection containers collect lamps (including CFLs), batteries, e waste, oil filters, and waste oils and they recover tires, motor oils, antifreeze and other solvents and reduce hazardous materials, paints and solvents with high VOCs, among others.

Review Lease Agreements: The Port's Green Leasing Policy (for which it has won an award from Containerization International in 2012, includes environmental requirements as part of tenant lease agreements, although the main focus has been on emission reductions and clean air policies and proper handling and disposal of regulated materials. In addition, the lease for the Environmental Division offices requires the property management company to provide room for the blue recycling collection containers in the basement so that Port office materials can be stored for pick up (separately from the building's containers).

Formulate Recycling Committee: The existing structure for a "recycling committee" is encompassed in the Environmental Management System (EMS) which received its ISO 14001 certification in 2007. The EMS drives systematic continual environmental improvements through the use of a Plan Do Check Act model where current and planned practices are evaluated based on their potential environmental impact. Improvements are being achieved through an innovative education and communication program that incorporates all levels of staff into the environmental management process. Since implementing the EMS, employees are engaged with the system on a daily basis, creating a sense of ownership and accountability. There have been measurable improvements in recycling, minimization of hazardous waste streams, increased pollution prevention activities, and improved environmental awareness and compliance. The committee reviews practices, develop Operational Controls (chain of command and plan of action), and communicate this information to employees, staff, contractors and all involved in Solid and Hazardous material handling as well as other environmental practices.

Food Donation: Donations to local shelters are recommended during waste audits where applicable. Tenants have not been required as of yet to divert organics, and tenant lease agreements do not specifically state mandatory recycling or reporting. The Ports O'Call area is in the planning stages of a major redevelopment and new programs at this point in time have not been a priority.

### Harbor Tenant Diversion

Tenant Recognition: The POLA Environmental Management Department (EMD) assists Los Angeles marinas with their certification through the Clean Marinas California Program. Marinas are businesses that manage boats, some which allow permanent residency. Marinas are re certified every 5 years. Current designees include: Newmark's Yacht Centre (2010), Cabrillo Beach Yacht Club (2011), Cabrillo Marina (2011), California Yacht Marina Wilmington (2011), Pacific Yacht Landing Marina (2011), Holiday Harbor Wilmington and Holiday Harbor Cabrillo Marinas (2012), and Cabrillo Way Marina (2014). The POLA EMD liaison works with the marina's designated Clean Marina Program manager and the guidebook lists BMPs that include recycling areas. One marina visited has bulletin boards and an "exchange table" near the entrance where residents can leave unwanted items for reuse. Guidebook also suggests use of pamphlets, flyers, newsletters, inserts, meetings and signs. The S.A.F.E. Center is located nearby on Gaffey Street and within the guidebook lists local auto parts stores and other businesses that accept used motor oil and filters for recycling.

Wood Pallets Tenant Program: POLA has a pallet reduction, reuse, and recycling program. Outreach is aimed primarily at businesses; however residents who live on their boat in the marinas also receive some of the outreach. In 2012 a total of 15 tenants were assessed, it is during these assessments and phone calls that businesses are educated and re educated on pallet recycling. In 2014 the update phone calls were made.

Fish Sludge Tenant Program: In the past, companies such as canneries and fish distributors reported disposal and diversion of waste fish and fish sludge. As practices changed, diversion included pet food and fertilizer end products. Many of those companies are no longer tenants of POLA, the 1,000 tons reported is a low estimate from the only company identified as having any fish bi product that was being diverted in 2014. Businesses are educated during the assessment and update calls, nine Tenants were targeted, but only four could be reached. The fish sludge is taken to an animal food manufacturing plant.

### Office Furniture:

POLA has an office furniture program, which includes liquidation and diversion of office furniture and equipment. The program outreach is aimed primarily at businesses. In 2012, a total of 15 tenants were assessed, and it is during these assessments and phone calls that businesses are educated and re educated on the office furniture program. In 2014 the

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

update phone calls were made.

**Cardboard Tenant Program:** POLA has a "Cardboard Only" dumpster placed near the Ports O'Call restaurants. Outreach is aimed primarily at businesses; however residents who live on their boat in the marinas also receive some of the outreach. In 2012, a total of 15 tenants were assessed, and it is during these assessments and phone calls that businesses are educated and re educated on cardboard recycling. In 2014 the update phone calls were made.

**Toner Cartridge Recycling Tenant Program:** POLA has a Toner Cartridge Recycling program, businesses that practice Toner Cartridge recycling usually report that they either send back cartridges or return them to office supply stores.

Outreach is aimed primarily at businesses, most office supply stores and toner cartridge companies advertise on their own as well. In 2012, a total of 15 tenants were assessed, and it is during these assessments and phone calls that businesses are educated and re educated on toner cartridge recycling. In 2014 the update phone calls were made.

**Textiles:** POLA has Textile reuse/recycling program, this program includes clothes donation, recycling of rags, uniform services, and other textile diversion activities. Outreach is aimed at businesses and residents, many times employees and residents participate. In 2012, a total of 15 tenants were assessed, and it is during these assessments and phone calls that businesses are educated and re educated on the office textile program. In 2014 the update phone calls were made.

**Office Paper Tenant Program:** POLA has a paper recycling program materials include white ledger, color ledger, mixed paper, magazines, etc. The program outreach is aimed primarily at businesses; however residents who live on their boat in the marinas also receive some of the outreach. In 2012, a total of 15 tenants were assessed, and it is during these assessments and phone calls that businesses are educated and re educated on paper recycling. In 2014 the update phone calls were made.

**Used Beverage Container Tenant Program:** POLA has a Used Beverage Container recycling program. CRV value is usually the program reported here by tenants, in some cases, tenants have mixed single stream recycling so they did not have CRV numbers to report. Outreach is aimed primarily at businesses; however residents who live on their boat in the marinas also receive some of the outreach. In 2012, a total of 15 tenants were assessed, and it is during these assessments and phone calls that businesses are educated and re educated on the beverage container recycling. In 2014 the update phone calls were made.

**Wood Tenant Program:** POLA has a wood material recycling program including wood products (blocking, railroad ties, etc.). Program outreach is aimed at businesses. In 2012 a total of 15 tenants were assessed, and it is during these assessments and phone calls that businesses are educated and re educated on wood material recycling. In 2014 the update phone calls were made.

**Non Food Item Donations Tenant Program:** POLA has a Non food Item Donations program; this program includes e waste donation/recycling as well as other non food items. Local charities benefit from the non food item donations but for 2012 it was most likely e waste recycling drop off. Outreach is aimed at businesses, and most businesses know it is illegal to place e waste into their trash containers. In 2012, businesses were assessed, and it is during these assessments and phone calls that businesses are educated and re educated on the non food item donations program. In 2014 the update phone calls were made.

**Scrap Metal Tenant Program:** POLA has a scrap metal and ferrous metal recycling program. Outreach is aimed primarily at businesses; however residents who live on their boat in the marinas also receive some of the outreach. In 2012, a total of 15 tenants were assessed, and it is during these assessments and phone calls that businesses are educated and re educated on scrap metal recycling. In 2014 the update phone calls were made.

**Tire Recycling Tenant Program:** The Tire recycling and retreading practice is significant throughout many POLA tenants that are shipping and cargo companies. These numbers are so significant it is often difficult to obtain numbers particularly since many do not control the tire manifests of their clients. Thousands of tires are retreaded, recycled and handled by the shipping container companies. Other companies that own their own fleets may have a better understanding of their numbers, but since these numbers are also significant, numbers were not collected because they would skew the numbers of the other diversion activities. Illegal dumping of tires has been significant in the past and POLA has addressed these by performing regular illegal dumping "sweeps." Tire recycling opportunities used at the Pier and for tugboat bumpers.

**Sanitation**

**Employee Education:** LASAN continues to promote sustainability and green practices by having contests at offices, having Recognition Awards, and by participating in the National Buy Recycled Day Campaign.

**Green Business Program Planning and Implementation:** The City of Los Angeles Green Business Certification Program recognizes and promotes the City's "green" businesses in the following business sectors: restaurant, auto repair, and office/retail. The City's Green Lodging Program recognizes and promotes the City's "green" hotels, and they City's Green Arts Program recognizes and promotes "green" Cultural Arts Facilities.

**Water and Power**

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

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

**MANHATTAN BEACH:** Hauler facility tours are required per the franchise agreement. Tour located included the hauler's Material Recovery Facility and Transfer Station. A special tour of the CORE food waste facility included all five City Council members, City Manager, Public Works Director, local business owner, hotel chef, and City's Sr. Analyst who oversees the solid waste division.

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

**POMONA:** 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.

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**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 operates an "Environmental Booth" at Whale of a Day and 4th of July events, in which outreach materials were distributed with regards to recycling, HHW, used oil, greenwaste, SAFE Center, NPDES, composting and e waste. The City gave away gardening gloves, recycling themed coloring books and crayons, reusable grocery bags, and mini recycling bins. The City encourages businesses to apply for the SEED Awards. One local business was the winner in the field of "Environmental Leadership." The City hosted the award ceremony and promoted applicants through the Chamber of Commerce.

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

**ROSEMEAD:** The City and hauler and actively participates and setup promotional booths at the National Night Out, Concerts in the Park, Relay for Life, Lunar New Year, and State of City, Church festivals, Fall Fiesta , 4th of July and 5k Walk.

**SIERRA MADRE:** The City hosted two presentation regarding landscaping that included composting practices and general source reduction in the yard. The presentations were focused on water quality/conservation; however composting, recycling and similar 'cross messages' are also included.

**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.

**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

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: Schools, along with their waste hauler WARE Disposal, claim to have several educational programs in place.  
 BEVERLY HILLS: Environmental Defenders which is contracted through LA County visits schools to educate the students on the four "R's".  
 BRADBURY: The City has a library of DVD available for use on recycling and waste diversion. The City partners with Duarte on events for youth like Earth Day (4/12).  
 DOWNEY: City program visits schools with oil recycling and storm water pollution prevention education.  
 DUARTE: The Duarte Unified School District has three active recycling programs on three campuses including Duarte High, Mt. Olive and Valley View 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 2014 Grades to Green promoted water conservation curriculum in the classrooms and in the school community garden.  
 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.  
 MANHATTAN BEACH: Grades of 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.  
 ROSEMEAD: Annually the hauler awards five \$1000 scholarships to college bound high school senior that attend Rosemead High School. The students complete an essay based on questions relating to sustainability efforts in their school and community. The awardees are honored at the May City Council meeting.  
 SIERRA MADRE: Staff delivered six presentations to K 6 classes/assemblies during 2014. The topics included recycling as well as water quality and conservation.  
 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. Eight 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

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: Street banners on light posts. All public education is created in two 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. Recently, the Specialist has been promoted to site restoration supervisor.  
 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. In 2014, plans were discussed regarding the possibility of the closing of Long Beach SERRF and how it may affect the Port's diversion rate.  
 Sanitation  
 The Plastic Bag Ban Outreach: The bag ban was promoted vigorously in 2014.  
 Los Angeles Environmental Learning Center: In 2014 the Los Angeles Environmental Learning Center at Hyperion received over 17,000 visitors.  
 Clean Your Files Campaign: Campaign was held in April 2014 and was also successful. Participants reported their pounds of paper recycled and prizes were awarded. The City is on a new mission of 90% diversion by 2025, and this is communicated to the media, the public and at universities.  
 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) 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.  
 ROSEMEAD: All public education is created in four languages: English, Spanish, Vietnamese and Chinese.  
 SOUTH GATE: Both the City and WM staff are active members in local service organizations and the City and WM participate in LARA programs. WM staff did an "Edible Landfill" demonstration with the South Gate Rotary where people learn the anatomy of a landfill and how to reduce waste.

**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: 44.72	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 60 lbs. of unused dry cell batteries during 2014.  
 MANHATTAN BEACH: Amendment for restaurant exemption was repealed by Ordinance 14 0004, once again applying the City's plastic bag ordinance to restaurants in Manhattan Beach. The ordinance became enforceable for restaurants on June 15, 2014. Implementation of polystyrene ordinance prohibiting use of polystyrene foam and plastic food service containers and continued promotion of "Bring Your Own" campaign (polystyrene ordinance effective Oct 2013). Amendment of polystyrene ordinance to include polystyrene straws, utensils, and cup lids, polystyrene foam ice coolers, and removal of exemption for MBUSD use of polystyrene materials. Ordinance became enforceable in October 2014. The City adopted the Smoke Free Public Areas Ordinance, which became enforceable in August 2014. In July, Breathe Free MB kickoff to announce City's new outdoor smoking policy and educate citizens and local business about the policy by sending volunteers through the City distributing materials and placing window decals in storefronts.  
 RANCHO PALOS VERDES: The City promotes the County's single use plastic bag ban by handing out reusable grocery bags at events.  
 SOUTH GATE: Waste Management is banned from collecting HHW so special round ups are organized. In 2014, 740 households participated in the HHW roundup which collected 7,010.14 lbs. of motor oil, 150 lbs. of SHARPS, 34,992.28 lbs. of paint, 400 lbs. of oil filters, 934.69 lbs. of antifreeze, and 45,942.32 lbs. of e waste. Total tons of HHW collected: 44.72.

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

<b>6010-PI-EIN (Economic Incentives)</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 0	Selected in SRRE: Yes
		Owned or Operated: Yes
<p><b>Selected Program Details:</b>                      Deposit   Differential tipping fee   Discounts   Fee waiver   Franchise Fee   Grant   Reward/Contest   Unlimited recycling   Variable can rate/Quantity based user fee</p>		
<p><b>Jurisdiction Notes:</b>                      ARTESIA: Additional residential recycling and greenwaste carts are offered at no charge. Additional trash waste carts are offered at a low monthly rate.                      BEVERLY HILLS: Commercial bins are given for free. One free recycling bin per business. Residents that qualify receive discounts refuse bill for land that is part of the hillside and deemed unusable.                      DOWNEY: For residential collection, waste hauler provides 3 barrel system; trash, greenwaste and recycling. One trash rate covers all three barrels. If residents request additional trash or greenwaste 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 multi family 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:                      Sanitation                      Recycling Market Development Zone: The RMDZ program is a collaborative effort between the City of Los Angeles, the Los Angeles Business Community and CalRecycle to enable Los Angeles to continue to move towards meeting zero waste goals while promoting positive economic development. In the 2014 the contract between CalRecycle and the City of Los Angeles for Zone Incentive Funds (ZIF) was renewed. The RMDZ brochures were updated and printed. Also, a two minute public awareness announcement was produced to be used for marketing and outreach.                      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 greenwaste 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 greenwaste – \$250 to two residents twice a month.                      ROSEMEAD: All residential customers who participate in a cart recycling program can sign up for the "Recycling Reward Program". As part of the reward program, the City compares 10 recycling zones and the zone with the highest recycling wins. The winners are the residents that sign up for the program on the Consolidated Disposal website. On average 3 residents are awarded a \$10 reward card to use in restaurants in the City. Senior discount is also offered to all eligible residents. They have the option to use smaller carts if needed.                      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.</p>		
<b>6020-PI-ORD (Ordinances)</b>		
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:**

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

**Jurisdiction Notes:**

ARTESIA: Water Conservation Chapter 5 18, also Article 2, Chapter 6 2. The City also has 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: In August the City adopted Ordinance 337 to encourage water conservation landscape.

DOWNEY: City has anti scavenging Ordinance in place. The City implemented C&D ordinance in February 2007.

Mandatory waste collection is stated in Sanitation Ordinance.

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.

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 four (4) pre approved haulers to collect their C&D waste.

Collection and disposal is scheduled, on an as needed basis, by the builder. The four (4) pre approved are GI Industries, J&L Hauling & Disposal, Inc., Anderson Rubbish Disposal, and Rent A Bin.

**LOS ANGELES:**

**General Services**

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. Two Leases executed in 2014 and contain recycling requirements.

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. There were 1130.27 tons of construction debris with which 1117.11 was recycled with debris vendor.

**Sanitation**

Single Use Bag Ban: On January 1, 2014, the Single-Use Bag Ordinance came into effect which bans single-use plastic carryout bags and require a \$0.10 store charge for a recycled content paper bag from large retailers that sell groceries, including those large stores with pharmacies. On July 1, 2014, the ordinance also took effect on convenience and smaller grocery stores. Staff responded to the inquiries and complaints with phone calls and store visits to ensure the ordinance is being followed, and if necessary, these are followed up with letters from the City Attorney. Quarterly reports are also sent in from the impacted stores.

**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.

MANHATTAN BEACH: Amendment for restaurant exemption was repealed by Ordinance 14 0004, once again applying the City's plastic bag ordinance to restaurants in Manhattan Beach. The ordinance became enforceable for restaurants on June 15, 2014. Implementation of polystyrene ordinance prohibiting use of polystyrene foam and plastic food service containers and continued promotion of "Bring Your Own" campaign (polystyrene ordinance effective Oct 2013). Amendment of polystyrene ordinance to include polystyrene straws, utensils, and cup lids, polystyrene foam ice coolers, and removal of exemption for MBUSD use of polystyrene materials. Ordinance became enforceable in October 2014. The City's Smoke Free Public Areas Ordinance was adopted and became enforceable in August 2014. In July, Breathe Free MB kickoff to announce City's new outdoor smoking policy and educate citizens and local business about the policy by sending volunteers through the City distributing materials and placing window decals in storefronts. Construction & Demolition recycling ordinance requires 65% diversion on construction projects. The City's FOG ordinance (Fats, Oils, Grease) manages the proper disposal of fats, oils, and grease by food service establishments.

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 administer the program.

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 permit program.

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

ROSEMEAD: In May 2013 the City updated their City code to include a process to manage illegal hauling, scavenging and dumping. To prevent scavenging, Code Enforcement patrols trash day areas to investigate individuals scavenging trash containers to collect recyclables. To deter scavenging, the City promotes residents place their carts on collection day, not

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

the night before. To report scavengers, residents can call Code Enforcement.  
 SIERRA MADRE: The City continues to enforce its C&D ordinance, LID Ordinance, CalGreen Building codes, and Water Efficient Landscape ordinance.  
 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)**

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, such as the US Green Building Council's LEED Certification, which provides energy savings.  
 LOS ANGELES:  
 Sanitation  
 Private Hauler Franchise Initiative: Commercial and Multifamily Solid Waste Hauling Exclusive Franchise - The City of Los Angeles, Department of Public Works, (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.  
 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:**  
 AARTESIA: CVT MRF in Anaheim  
 BEVERLY HILLS: The City has a contract with its commercial hauler (Crown Disposal) that owns and operates its own Material Recovery Facility, Community Recycling Resource and Recovery. The City takes all of its residential & commercial refuse, greenwaste and street sweeping material to be processed.  
 BRADBURY: As previously reported, the City's waste hauler, Burrtec, continues to take very occasional refuse loads to their MRF facility for sorting. This is normally only done for loads that contain a large amount of an easily recoverable and recycled material such as wood, cardboard, or metals For 2014, 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.  
 HIDDEN HILLS: All four 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 materials are taken through several MRF's that are owned by the hauler.  
 SIERRA MADRE: The City continues the use of Athens' MRF for its mutli family and commercial waste streams. This program has proven to be effective as the City has seen a substantial increase in diversion in these areas.  
 TORRANCE: City in current contract with Rock Tenn for MRF services. No facilities within City.

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**7010-FR-LAN (Landfill)**

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: Artesia uses Sunshine Landfill which is owned by Republic Services  
 DUARTE: The City hauler utilizes a variety of facilities for inert debris and metals such as East Valley Recycling, SA Recycling, Nuway, Peck Road Gravel pit.  
 LYNWOOD: Landfills continue to report diversion activities through the DRS. 328.03 tons reported diverted in 2014.  
 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 greenwaste 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: The City uses the Long Beach Transfer Station owned by its hauler, Republic Services.  
 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.  
 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 monthly collection of HHW and E waste.  
 SOUTH GATE: Waste Management operates a T Station in the City of South Gate. Recyclable materials and white goods are salvaged from this facility.  
 TORRANCE: City currently in contract with Republic Services for transfer station services, including greenwaste recycling. Tonnage is under different codes. Residents can self-haul at City's contracted prices.  
 SOUTH GATE: Waste Management operates a T Station in the City of South Gate. Recyclable materials and white goods are salvaged from this facility.  
 TORRANCE: City currently in contract with Republic Services for transfer station services, including 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: 108504.54	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

BEVERLY HILLS: All commercial food waste and residential greenwaste is partially processed at Community Recycling Resource and Recovery Inc. facility and then hauled to Lamont CA to be further processed in compost.

BRADBURY: all loads of manure and greenwaste are taken to the West Valley MRF to be used as composting materials

DOWNEY: City's greenwaste is taken to Downey Area Recycling & Transfer Facility in Downey, (DART).

DUARTE: The City does not own a composting facility; however, Burrtec collects greenwaste and composts and or mulches it at its outside facility. A small amount of selected greenwaste loads were also taken to West Valley MRF to be composted.

HIDDEN HILLS: The City's greenwaste 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 Park processes greenwaste generated from tree care operations for use as mulch. The mulch is either re used in our park landscapes, or is provided to LA Sanitation for composting. RAP provides space for Sanitation to conduct composting operations in Griffith Park as a joint venture between the departments.  
 Sanitation  
 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's food waste pilot program (commercial and residential) utilized Waste Management's RAC composting facility in Lancaster for part of 2014. Then the program switched to an Industrial use program, and the material sent to the hauler's cORE facility in Orange, CA to be converted to BioSlurry.

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

RANCHO PALOS VERDES: Curbside greenwaste from City is taken to composting/mulching facilities through transfer station. Street sweeping debris is taken to transfer stations where greenwaste 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: 220882.1	Selected in SRRE: Yes
		Owned or Operated: No

**Jurisdiction Notes:**

ARTESIA: ADC was taken by self haulers. The City franchise hauler does not take greenwaste to be used as ADC.

BRADBURY: Greenwaste is not being used as ADC anymore. Greenwaste that is delivered to Puente Hills MRF is transported to greenwaste composters/processors.

DOWNEY: City's greenwaste 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 greenwaste. The City's greenwaste is hauled to the West Valley MRF.

HERMOSA BEACH: Franchise hauler reports 33.05 tons of greenwaste taken to Mid Valley Landfill, Rialto San Bernardino County which is used as ADC at the facility.

HIDDEN HILLS: The City continues to recycle greenwaste, dirt, concrete, etc. which currently qualify as ADC.

LYNWOOD: Landfills continue to report ADC – 23.19 tons reported in 2014

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 greenwaste, dirt, concrete, etc., which currently qualify as ADC to County landfills.

POMONA: Local landfills report ADC tonnages from commercial landscapers that take advantage of reduced tipping fees for loads of source separated greenwaste. The residential greenwaste from City is taken to Rios Recycling.

RANCHO PALOS VERDES: 125.34 tons of greenwaste were used for ADC.

ROSEMEAD: The report ADC was taken by self haulers. The City franchise hauler does not take greenwaste to be used as ADC.

SIERRA MADRE: The City's greenwaste is collected by the contract Hauler for use as ADC at the Scholl Canyon Landfill.

SOUTH GATE: None of the City's greenwaste that is captured is currently being used for ADC.

TORRANCE: Beneficial uses: ADC (35540.33 tons), Soil (4173.75 tons), Other (3947.57 tons), Recycled (7855.38) and Compost (30.34 tons).

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

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 125486.03	Selected in SRRE: Yes
		Owned or Operated: No
<p><b>Jurisdiction Notes:</b>            BRADBURY: This was reported under Program 8030            HERMOSA BEACH: Franchise hauler reports 1150 tons of transformation.            LOS ANGELES:            Sanitation            Waste to Energy: In 2014 a total of 67,267.90 tons was taken to Waste to Energy facilities.            LYNWOOD: In 2014, 5,648.56 tons of waste was delivered to the local WTE facilities.            MANHATTAN BEACH: Transformation by hauler all taken to SERRF in 2014 (3995.21).            PALOS VERDES ESTATES: Waste that is hauled is processed as transformation waste when appropriate.            RANCHO PALOS VERDES: 4,418.2 tons of solid waste was transformed.            REDONDO BEACH: The City sends 10% of its waste to a Waste to Energy Facility.            ROSEMEAD: The hauler takes a percentage of both residential and commercial materials to be process.            SIERRA MADRE: The City's contract hauler diverts a minimum of 10% of the City's waste to a Waste to Energy facility.            SOUTH GATE: South Gate did not convert any waste to energy in 2014.            TORRANCE: Private commercial waste haulers make use of Waste to Energy programs.</p>		
<b>9000-HH-PMF (Permanent Facility)</b>		
Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 1243.5	Selected in SRRE: Yes
		Owned or Operated: Yes

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**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 HHW and E waste 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" pickups annually by the franchise hauler.  
 LOS ANGELES:  
 Sanitation  
 Marina Used Oil Collection Site: There are 37 Marina Oil Center Collection sites and 15 operational marina used oil recycling facilities.  
 S.A.F.E. Center: LASAN has established seven 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, for businesses we have the CESGG program which is a fee-based program that collects business hazardous waste from qualified businesses.  
 Water and Power  
 DWP Oil Recycling Program: THE LADWP recycles all waste oils through hazardous waste contractors. Waste oils include transformer, motor, cable, compressor, hydraulic, and turbine oils. In house hazardous waste crews and hazardous waste contractors collect oil upon request from the generators. The oil is shipped on a hazardous waste manifest for recycling. Hazardous Waste Field Guide is available for further information.  
 LYNWOOD: There are 6 oil Certified Collection Centers in the City. The city promotes the use of county roundups located in nearby cities. In 2014, 92 SHARPS kits were distributed to residents and 50 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 a permanent facility to collect HHW.  
 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. South Gate collected 7,010.14 lbs. of used oil at a round up in April 2010. 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 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.

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

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**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 Event (HHWE annual round up).  
**BRADBURY:** The City's promotion of the LA County Household Hazardous Waste Collection events continues. Additionally the City has continued to offer residents convenient e waste recycling through a drop off program at City Hall year round. The residents also can call in to the City's refuse hauler for the free pick up of electronic waste or drop it off at city hall for pick up during 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 2014 and 565 households participated. City franchised hauler, Burrtec Waste, had a booth and distributed 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; e waste curbside collection is classified as a "Bulky Item" pick up by the franchise hauler. The franchise hauler collected 1.16 tons of laptops, flat screens, TVs and miscellaneous items. The County of Los Angeles reported 4.25 tons of e waste collected from 1456 loads at the City sponsored E waste and HHW Collection Event including 275 gallons of used oil, 3775 gallons of paint, 2884 miscellaneous materials, 12 oil filters and 74 car batteries.  
**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 205 gallons of used motor oil, 2,605 gallons of used paint, 46 used car batteries, 82 CRT units, 9,000 pounds of miscellaneous electronic waste (e waste), and 44 drums of miscellaneous waste such as pesticides and pool chemicals.  
**LOS ANGELES:**  
 Sanitation  
 Used Oil Collection Event: In 2014 LASAN held 18 collection events (5 Used Oil only and 13 Used Oil & Electronic Waste events). LASAN collected a total of 13,850 gal. of oil and 7,000 filter units.  
 HHW Mobile Collection Event: LASAN partners with and promotes LA County HHWE events in addition to holding one HHW event in 2014.  
 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 2014, 370 people participated in the March roundup. 650 gal oil, 1,980 gal paint, 910 gal misc. HHW, 17 car batteries, 4 0gal coolant, 119 CRTs, and 3,267 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 annual Los Angeles County HHWE 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 May 10th; 10.97 tons of E Waste, 7,001 gallons of HHW, and 1.55 tons of other HHW was collected. 1,060 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 includes 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 hauler collected 3683 lbs. of CRT's and miscellaneous CPU, and Flat screens on the bulky items program. On April 19th, 2014 the City hosted a Rosemead Recycling and Drop off Event. The event collected 57 CRT's totaling 6480 lbs. The haulers provides a battery recycling program whereby residents may place household batteries in a zip lock bag and place on top of their recycling cart on their collection day.  
**SIERRA MADRE:** The City amended its Contract with the hauler and now includes an opportunity for residents to arrange for SHARPS disposal for a nominal fee.  
**SOUTH GATE:** The City hosted and sponsored an earth day/HHW event in which they collected 44.72 tons of material. 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 under another code.

**9020-HH-CSC (Curbside Collection)**

Current Status: SO - Selected and Ongoing	Program Start Year: 2003	Existed before 1990: Yes
	Report Year Diversion Tons: 42.19	Selected in SRRE: Yes
		Owned or Operated: No

**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**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 CCCs as the primary method to manage used oil and filters.  
 MANHATTAN BEACH: The City's At Your Door Curbside HHW Collection Program is established for all residents and multi family customers. The cost is included in the customer's base rate. The pickups are unlimited. In 2014, 6.35 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 2014, 16.11 tons of e waste was collected.  
 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. 432 gallons of oil and 203 oil filters were collected in 2014. 19.73 tons of E waste were 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 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. In addition, WM is piloting a program beginning in 2015 with residents for curbside HHW collection for 50 residents and may explore expanding the program depending on the results.

**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

**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



**Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)**

**Jurisdiction Notes:**

ARTESIA: The City promoted the proper disposal and management of hazardous waste in the quarterly "Recycled Today" newsletters,. The newsletters also promoted the City's Curbside Battery Recycling Program.

BEVERLY HILLS: The City provides education material at various community outreach events and provides information on city's web site.

BRADBURY: As member of LARA, the Regional Agency has partnered with, Curiosity Quest Videos explaining the Green Recycling Process, what exactly Construction and Demolition Requirements are and how residents can play a role in preventing trash from entering the storm drains. Curiosity Quest is an educational program series that explores what viewers are curious about. These videos are shown on Public Television stations in the City by such providers as KCET, KOCE, KLCS, and KVCN, 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 Count advertises HHW programs and has HHW Hotline. 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 readily available on City and 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 HHW education elements. The City continues to publicize and promote County of Los Angeles HHW collection roundups.

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.

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, One Person's Trash newsletter, and At Your Door banner that is hung over major cross streets in town in 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, 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" newsletters, the City promoted the proper disposal and management of hazardous waste. The newsletters promote the City's Curbside Battery Recycling program.

SIERRA MADRE: Sierra Madre continues to publicize HHW programs, and also is moving towards incorporating HHW education in its water quality (stormwater) education efforts.

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: 2685.18	Selected in SRRE: Yes
		Owned or Operated: No

## Annual Report Summary: Los Angeles Area Integrated Waste Management Authority ( 2014)

### Jurisdiction Notes:

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

**BRADBURY:** The City advertises all HHW events that the County publicizes throughout the year. Flyers are available at City Hall and civic meetings. Information is distributed over e blasts and city newsletters.

**E waste:** E waste is collected during Clean up events (and curbside bulky item collections) materials are delivered to E Recycling of California for dismantling and recycling. Residents may also drop items off at the civic center anytime which are then disposed of during collection events.

**SHARPS:** SHARPS collection containers are provided to customers upon request. Full containers can be dropped off at designated Los Angeles County collection sites or the Burrtec facility in Azusa.

**DUARTE:** During 2014, 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 County Sanitation Districts of Los Angeles County. The program allowed for residents to properly dispose of household hazardous and electronic waste at convenient locations. A total of 565 households utilized the drop off location at City of Hope's Buena Vista parking lot in September 2014. In terms of a breakdown for the 2014 calendar year Duarte residents properly disposed: 311 gallons of used oil; 1,797 gallons of paint; 1,722 gallons of miscellaneous hazardous waste; 120 car batteries; 56 gallons of coolant; 67 cathode ray tubes and 7, 062 pounds of miscellaneous E waste.

**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 2014 is \$848,682.45.

#### Harbor

**Harbor Motor Oil Recycling:** There are two Harbor motor oil recycling programs: POLA vehicle and equipment collection and Clean Marina Program (tenant and 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.

#### Sanitation

**SHARP Program:** The SHARPS program, aside from the S.A.F.E. Centers, currently consists of collection at City of L.A. Senior Citizen Centers (25 locations), Council District 3 field office, and other City facilities such as the City Hall East, City Hall South, the Van Nuys City Hall and Public Works Building. LASAN distributes SHARPS containers at all locations and works to increase awareness of the dangers involved with improper SHARPS disposal. In 2014 at these 30 locations, there were fifty-nine 55 gal drums of SHARPS collected weighing approximately 5,315 lbs.

**Batteries Collection Program:** LASAN collects batteries in 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 batters: participating Jiffy Lubes, B&B hardware, All Public Libraries, Most City Facilities and 16 LAPD and LAFD facilities.

**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 5,226,922 lbs. were collected in 2014.

**Rechargeable Battery Recycling:** Ongoing.

#### 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. Tonnage includes CRT's 5 tons and e waste 64 tons.

**LYNWOOD:** City's residential hauler collected 621 e waste items through bulky item program. E waste is taken to Recycler for processing. E waste 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.