

CalRecycle Electronic Model Annual Report Summary

For: Los Angeles Area Integrated Waste Management Authority

1475

Report Submitted

Report Year: 2003

Submitted On: 3/1/2005

Submitted By:

Phone: () -

Jurisdiction Official Primary Contact (Current)

Contact Name	Email	Phone Number
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LAMD Contact (Current)

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Basic Information

Calculation Method: Adjustment Method

Petition for Rural Reduction: No

BioMass: No

Section A

A-1 Calculated Diversion Rate

Base-Year:	2000
Base-Year Generation Amount (tons):	10,949,809
Base-Year Residential Generation Rate:	24%
Reporting Year:	2003
Diversion Rate Requirement:	50%
Reporting-Year Disposal Amount (tons):	4,802,321
Reported Disaster Waste (tons):	0
Reported Medical Waste (tons):	0
Reported Regional Diversion Facility Residual Waste (tons):	21,405 *
Reported Out-of-State Export (Diverted) (tons):	0
Reported Transformation Waste (tons):	96,636 *
Reported Other Disposal Amount (tons):	59,799 *

Total Disposal Reduction Credit Amount Reported (tons): 177,840

Total Adjusted Reporting-Year Disposal Amount (tons):

4,624,481

	Source	Base-Year	Reporting Year	% Change
Population:	County	9,487,400	9,966,200	5.0%
Taxable Sales (x1000):	County	106,673,534	113,685,422	6.6%
Employment:	County	4,506,100	4,451,700	-1.2%
Consumer Price Index:	State	174.8	190.4	8.9%
	Change in Residential Sector (%):		1.7%	Growth
	Change in Non-Residential Sector (%):		-1.7%	Decline
	Estimated Reporting-Year Generation Tonnage:		10,853,956	

CalRecycle Electronic Model Annual Report Summary

Reporting-Year Diversion Rate (%): 57%

Diversion Rate Accuracy

Question:

1. Are there extenuating circumstances pertaining to your jurisdiction's diversion rate that CalRecycle should consider, as authorized by the Public Resources Code Section 41821(c). If so, please use the space below to tell CalRecycle. 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.

Jurisdiction's response:

No response from Jurisdiction

A-2 Adjustment Factors

Adjustment Factor Used	Source of Adjustment Factor
Population: County	Not Required
Taxable Sales: County	Not Required
Employment: County	Not Required
Consumer Price Index: State	Not Required

A-3 Calculation Method

Calculation Method	Required Form
1. Requesting correction to existing base year:	No
2. Requesting alternative disposal tonnage:	No
3. Requesting deductions to DRS disposal tonnage:	Yes
4. Requesting Biomass diversion credits:	No

Section B

B1 - SWGS needs revision:	No
B2 - SRRE needs revision:	No
B3 - HHWE needs revision:	No
B4 - NDFE	

Changes in use of nondisposal facilities: The City of Los Angeles prepared an amended NDFE that was approved at the Board's November 2004 meeting. Over 40 facilities were identified in the amendment. Additional facilities are being permitted, therefore the NDFE will continue to require amendments.

NDFE needs revision: Yes

Section C

C - 1 Existing SRRE and HHWE Programs

Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
1000-SR-XGC	Xeriscaping/Grasscycling	Y	N/A	Selected and Ongoing		All sectors

Additions to Program Notes: Of the 14 members, 13 indicate having grasscycling programs. Primarily cities are encouraging residents to leave clippings on lawns and working with public works to grasscycle and reduce tree trimming waste.

CalRecycle Electronic Model Annual Report Summary

C - 1 Existing SRRE and HHWE Programs

Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
1010-SR-BCM	Backyard and On-Site Composting/Mulching	Y	N/A	Selected and Ongoing		Residential, School
<p>Additions to Program Notes: Of the 14 members, all but one have backyard composting programs. Cities are educating residents on composting and offering discounted bin sales. After years of effort, Beverly Hills dropped its program due to a lack of interest from residents. The City of Los Angeles has its own extensive backyard composting educational outreach program. The County of Los Angeles Public Works Department composting outreach program is contracted and promoted by several member cities to fulfill their workshops and bin sales needs: Duarte, Pomona, Manhattan Beach, Rancho Palos Verdes, Redondo Beach, Rosemead, Sierra Madre, South Gate, and Torrance (has a County demonstration composting garden center).</p>						
1020-SR-BWR	Business Waste Reduction Program	Y	N/A	Selected and Ongoing		Commercial, Industrial, Government, School
<p>Additions to Program Notes: Of the 14 members, 12 indicate having business waste reduction programs including double-sided copies, paper form reduction, electronic media, re-usable ceramic cups, and waste prevention. Duarte has ongoing program providing tech assistance and waste audits to top 10 waste generators; expanding and implementing recycling programs at City of Hope facility in 2003. Lynwood contacted 25 largest waste generators in December 2003 to conduct diversion surveys in early 2004. Manhattan Beach has ongoing program that offered tech assistance to all businesses in City in 2003. Pomona tech outreach was conducted to the City's top 25 waste generators in 2003; several diversion programs were proposed and are currently being considered for implementation including a shrink wrap plastic route, cardboard recycling, and wood recycling; scheduling waste audits of the top 50 generators in 2004. Redondo Beach staff conduct business outreach and tech assistance; in 2004, staff plan to team with volunteers from Chamber of Commerce and "Leadership Redondo" group to visit 1,000 businesses in 2004 promoting commercial recycling. Rosemead conducted 120 waste diversion surveys of businesses in 2003. Sierra Madre conducted waste diversion surveys of 25 largest waste generators in 2003.</p>						
1030-SR-PMT	Procurement	Y	N/A	Selected and Ongoing		Government
<p>Additions to Program Notes: All 14 members have policies encouraging procurement of recycled-content products, waste reduction, or joining purchasing pools. Rancho Palos Verdes purchased city hall furniture and desks made from recycled content in 2003; new playground equipment made from recycled tires and recycled the steel from the old equipment. Sierra Madre implemented in 2003 a "2-Sided Paper Save Program" which encourages double sided copying, in addition, the City developed a Remanufactured Printer Cartridge Procurement Policy in November and a Recycled Paper Procurement Policy in December.</p>						
1040-SR-SCH	School Source Reduction Programs	Y	N/A	Selected and Ongoing		School
<p>Additions to Program Notes: Half of the members (7 of 14) have waste reduction and prevention practices in school facilities/districts.</p>						
1050-SR-GOV	Government Source Reduction Programs	Y	N/A	Selected and Ongoing		Government
<p>Additions to Program Notes: All 14 members use waste reduction practices in city facilities. Waste reduction is practiced at county, state, and federal facilities, too.</p>						
1060-SR-MTE	Material Exchange, Thrift Shops	Y	N/A	Selected and Ongoing		All sectors

CalRecycle Electronic Model Annual Report Summary

C - 1 Existing SRRE and HHWE Programs

Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
<p>Additions to Program Notes: Of the 14 members, 11 have programs promoting material exchanges (i.e., CalMax), thrift shops, food exchanges, garage sales, and flea markets. CitiMax is the internal material exchange developed by the City of Los Angeles, who also funds LA Shares, a business/nonprofit reuse organization. Some member cities have been participating in the County's regional material exchange program, LACoMax. Three of the member cities participate in a South Bay food donation program: Manhattan Beach, Redondo Beach, and Torrance. With a reuse grant from the state, Food Finders picks up food waste donations from hotels, restaurants, City facilities, hospital and school cafeterias. The Food Finders reuse grant has expired but the agency still picks up daily from a number of restaurants in these cities. Food Finders diverted 5,186 tons in 2003.</p>						
1070-SR-OTH	Other Source Reduction	Y	N/A	Dropped (after implemented)	Other	All sectors
<p>Additions to Program Notes: Program is not selected by regional agency. Although some members have used this PARIS program code in prior years, we moved a few program listings to PARIS codes that are more consistent with all regional agency members. This is a necessary step when reporting data as we combine 14 jurisdictions into one. Redondo Beach has dropped "other source reduction" program in 2003, and moved food waste donation program to PARIS code 1060. South Gate has dropped "other source reduction" program in 2003, and moved business waste reduction program to PARIS code 1020.</p>						
2000-RC-CRB	Residential Curbside	N	N/A	Selected and Ongoing		Residential

CalRecycle Electronic Model Annual Report Summary

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					<p>Additions to Program Notes: All 14 member cities have residential curbside collection programs for commingled recyclables. Most programs are automated.</p> <p>Artesia — 3bin automated; commingled in 65-gal containers; weekly p/u. 909 tons recycled in 2003.</p> <p>Beverly Hills — 3bin automated; commingled in 95-gal containers; weekly p/u; diverted 3,760 tons in 2003.</p> <p>Duarte — 3bin automated; commingled in 60-gal containers; weekly p/u.</p> <p>Hidden Hills — 3bin automated; commingled in 95-gal containers; bi-weekly p/u. 387 tons diverted in 2003.</p> <p>Los Angeles — 3bin automated; commingled in 65-gal containers; weekly p/u; diverted 189,498 tons in 2003.</p> <p>Lynwood — 3bin automated; commingled in 65-gal containers; weekly p/u; expanded November 2003; diverted 804 tons in 2003.</p> <p>Manhattan Beach — 3bin semi-automated; commingled in 32-gal or 64-gal containers; weekly p/u; diverted 11,081 tons in 2003.</p> <p>Pomona — 3bin automated; commingled in 96-gal containers; weekly p/u.</p> <p>Rancho Palos Verdes — 3bin automated; commingled in 32-gal containers; weekly p/u; diverted 5,800 tons in 2003; automated 3bin program planned for 2005.</p> <p>Redondo Beach — 3bin automated; commingled in 64-gal containers; weekly p/u; new hauler contract November 2003. Hauler diverted 753 tons in Nov/Dec 2003.</p> <p>Rosemead — 3bin manual; commingled in 18-gal containers; weekly p/u. Diverted 1,021 tons in 2003.</p> <p>Sierra Madre — 3bin automated; commingled in 64-gal containers; weekly p/u. Diverted 1,440 tons in 2003.</p> <p>South Gate — 2bin automated; commingled in 64-gal containers; weekly p/u; diverted 5,322 tons in 2003.</p> <p>Torrance — 2bin automated; commingled in 64-gal containers; weekly p/u; diverted 13,040 tons in 2003.</p>	

2010-RC-DRP	Residential Drop-Off	N	N/A	Selected and Ongoing		Residential
					<p>Additions to Program Notes: All 14 members have public recycling containers and/or drop-off collection centers for residents. In 2003, Hidden Hills purchased 5 beverage recycling containers and trash bins using the Department of Conservation grant money. These containers were strategically placed in public areas, where there would be a high volume of foot traffic. Trash and recyclables are collected weekly by the City's franchise haulers.</p>	

2020-RC-BYB	Residential Buy-Back	N	N/A	Selected and Ongoing		Residential
					<p>Additions to Program Notes: Of the 14 members, the following cities have no CRV recycling tonnage reported from DOC: Beverly Hills, Hidden Hills, Rosemead, Rancho Palos Verdes, and Sierra Madre. Lynwood DOC buyback program recycled 1,375.2 tons CRV in 2003.</p>	

2030-RC-OSP	Commercial On-Site Pickup	N	N/A	Selected and Ongoing		Commercial, Industrial
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CalRecycle Electronic Model Annual Report Summary

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	Additions to Program Notes:				Commercial recycling is handled by a variety of programs in the 14 member cities. Franchise hauler commercial collection and private or 3rd party recycling haulers serve these communities. In some industries, businesses set up their own recycling programs as common practice (i.e., large grocery stores chain stores' compost programs). Cities continue to provide technical assistance to businesses to expand recycling and reduce waste.	
					Artesia — route to "dirty MRF". 3,165 tons diverted in 2003.	
					Beverly Hills — wet and dry routes; commercial contractor recycled 2,493.30 tons from the service bins, and 25,192.49 tons in roll off boxes.	
					Duarte — source-separated bins; expand tech assistance to top 10 generators including City of Hope facility.	
					Hidden Hills — no programs feasible due to lack of significant commercial sector waste.	
					Los Angeles — variety of programs provided to businesses by private haulers; outreach technical assistance is provided by City.	
					Lynwood — source-separated bins; new program implemented November 2003, franchise haulers recycled 118 tons.	
					Manhattan Beach — source-separated bins; City's commercial franchise hauler adds 300 new recycling accounts in 2004.	
					Pomona — source-separated bins; 6 franchise commercial haulers.	
					Rancho Palos Verdes — source-separated bins; franchise hauler recycled 3,400 tons in 2003.	
					Redondo Beach — source-separated bins. New hauler diverted 68 tons in Nov/Dec 2003.	
					Rosemead — source-separated bins; franchise hauler recycled 249.94 tons in 2003.	
					Sierra Madre — source-separated bins; franchise hauler recycled 1,786.84 tons in 2003.	
					South Gate — source-separated bins; franchise hauler recycled 10,363 tons in 2003.	
					Torrance — variety of programs offered such as wet and dry routes, and source-separated bins; diverted 7,080 tons in 2003.	

2040-RC-SFH	Commercial Self-Haul	N	N/A	Selected and Ongoing		Commercial, Industrial
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Additions to Program Notes: One-third of the members (4 of 14) offer commercial self-haul diversion program.

2050-RC-SCH	School Recycling Programs	N	N/A	Selected and Ongoing		School
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Additions to Program Notes: Of the 14 members, 12 have ongoing school recycling programs. In Redondo Beach a total of 12 schools in Redondo Beach Unified School District participate in free collection of mixed recyclables by franchise hauler.

CalRecycle Electronic Model Annual Report Summary

C - 1 Existing SRRE and HHWE Programs

Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
2060-RC-GOV	Government Recycling Programs	Y	N/A	Selected and Ongoing		Government
<p>Additions to Program Notes: All 14 members have recycling collection programs at city and other government facilities. Sierra Madre implemented Blue Bin Recycling Program (added 155 bins in 2003) to divert waste from City Hall and all city facilities, plus expand recycling at local post office. Program has been successful and results are showing in the removal of disposal bins from facilities.</p>						
2070-RC-SNL	Special Collection Seasonal (regular)	N	N/A	Selected and Ongoing		Residential
<p>Additions to Program Notes: Of the 14 members, 12 have special/seasonal collection of telephone books, Christmas trees, and bulky item collection days.</p>						
2080-RC-SPE	Special Collection Events	N	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: Two-thirds of the member cities (9 of 14) have clean-up events and recycling at special events (fairs, community celebrations, etc.). In Duarte the hauler expanded community wide cleanup twice a year in two locations to collect and/or recycle bulky items. The City of Los Angeles ongoing program of recycling waste at approximately 200 special events per year (in 2003 moved program from PARIS code 2090). Lynwood's new franchise hauler selected in 2003 conducts bulky items collection events for residents in spring and fall each year. South Gate's franchise hauler expanded bulky item collection in 2003.</p>						
2090-RC-OTH	Other Recycling	N	N/A	Dropped (after implemented)	Other	All sectors
<p>Additions to Program Notes: Program is not selected by regional agency. Although a member has used this PARIS program code in prior years, we moved a few program listings to PARIS codes that are more consistent with all regional agency members. This is a necessary step when reporting data as we combine 14 jurisdictions into one. The City of Los Angeles has dropped "other recycling" program in 2003, and moved special events recycling program to PARIS code 2080.</p>						
3000-CM-RCG	Residential Curbside Greenwaste Collection	N	N/A	Selected and Ongoing		Residential

CalRecycle Electronic Model Annual Report Summary

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Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
<p>Additions to Program Notes: Only 2 of the 14 member cities do not have residential curbside collection programs for greenwaste diversion. Haulers in South Gate and Torrance conducted studies that determined collecting greenwaste to be infeasible.</p> <p>Artesia — 3bin automated; greenwaste in 65-gal containers; weekly p/u. 1,661 tons diverted in 2003.</p> <p>Beverly Hills — 3bin automated; greenwaste in 95-gal containers; weekly p/u; in 2003 expanded program with 4,000 additional 95-gal containers; diverted 6,274.55 tons in 2003.</p> <p>Duarte — 3bin automated; greenwaste in 60-gal containers; weekly p/u.</p> <p>Hidden Hills — 3bin automated; greenwaste in 95-gal containers; weekly p/u. 999 tons diverted in 2003.</p> <p>Los Angeles — 3bin automated; greenwaste in 60-gal or 90-gal containers; weekly p/u; diverted 472,980 tons in 2003.</p> <p>Lynwood — 3bin automated; greenwaste in 65-gal containers; weekly p/u; implemented November 2003; diverted 763 tons in 2003.</p> <p>Manhattan Beach — 3bin semi-automated; greenwaste in 32-gal and 64-gal containers; weekly p/u; diverted over 4,000 tons in 2003.</p> <p>Pomona — 3bin automated; greenwaste in 96-gal containers; weekly p/u.</p> <p>Rancho Palos Verdes — 3bin automated; greenwaste in (2) 32-gal containers; weekly p/u; diverted 10,446 tons in 2003; automated 3bin program planned for 2005.</p> <p>Redondo Beach — 3bin automated; greenwaste in 32-gal or 64-gal containers; weekly p/u. 374 tons diverted in Nov/Dec 2003.</p> <p>Rosemead — 3bin manual; greenwaste in 32-gal containers; weekly p/u; diverted 7,191.10 tons in 2003.</p> <p>Sierra Madre — 3bin automated; greenwaste in 64-gal or 96-gal containers; weekly p/u; diverted 3,598.10 tons in 2003.</p> <p>South Gate — greenwaste collection program determined not feasible at this time.</p> <p>Torrance — greenwaste collection program determined not feasible at this time.</p>						
3010-CM-RSG	Residential Self-haul Greenwaste	N	N/A	Selected and Ongoing		Residential

Additions to Program Notes: Half of the members (8 of 14) promote residential self-haul of greenwaste to composting site.

CalRecycle Electronic Model Annual Report Summary

C - 1 Existing SRRE and HHWE Programs

Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
3020-CM-COG	Commercial On-Site Greenwaste Pick-up	N	N/A	Selected and Ongoing		Commercial, Industrial
<p>Additions to Program Notes: Half of the members (6 of 14) have implemented regular or on-call commercial on-site greenwaste collection programs, or diversion of street-sweeping debris for use in compost or ADC. Lynwood implemented street sweepings composting program that diverts solid waste at an approximate rate of 1,400 tons per year, beginning December 1, 2003. The City contracted its street sweeping vendor, Nationwide Environmental Services, to haul street sweeping debris to Community Recycling's facility for composting. Community Recycling composts approximately 97% of material brought in by Nationwide Environmental Services (only 3% residual waste). For the month of December 2003, they diverted 120.30 tons of street sweeping debris by composting. Redondo Beach offered greenwaste collection in 2003 to multi-family dwellings and businesses for a fee.</p>						
3030-CM-CSG	Commercial Self-Haul Greenwaste	N	N/A	Selected and Ongoing		Commercial, Industrial
<p>Additions to Program Notes: Half of the members (8 of 14) offer commercial self-haul greenwaste drop-off diversion programs. Lynwood's tree trimming contractor diverted 1,918 tons of green waste in 2003 for use as ADC at Puente Hills landfill.</p>						
3040-CM-FWC	Food Waste Composting	Y	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: One-third of the members (5 of 14) have implemented food waste composting (or vermicomposting) programs. Los Angeles released an RFP for a restaurant food recycling pilot program in 2003.</p>						
3050-CM-SCH	School Composting Programs	N	N/A	Selected and Ongoing		School
<p>Additions to Program Notes: Of the 14 members, 3 have composting on-site at school facilities: Los Angeles, Rancho Palos Verdes, and Sierra Madre.</p>						
3060-CM-GOV	Government Composting Programs	Y	N/A	Selected and Ongoing		Government
<p>Additions to Program Notes: One-third of the members (5 of 14) offer government composting programs. The City of Los Angeles' program is known for its "zoo-doo" — use of manure from the Los Angeles Zoo. In Griffith Park the City co-composts greenwaste from City parks, biosolids from City's waste water treatment plants, and manure from the LA Zoo.</p>						
3070-CM-OTH	Other Composting	Y		Selected and Ongoing		All sectors
<p>Additions to Program Notes: Two of the 14 members offers curbside manure collection program to residents. Hidden Hills requires all horse and livestock owners that generate manure within the City to use the franchised hauler to divert manure to a compost facility. The City's franchise hauler provides 68-gal containers to residents requesting bins for their manure. Manure is collected weekly and additional containers are collected, if needed. 1,168 tons were diverted in 2003. Los Angeles has an ongoing horse manure collection program in the San Fernando Valley; 3,184 tons were recycled in 2003.</p>						
4010-SP-SLG	Sludge (sewage/industrial)	N	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: The City of Los Angeles is the only member (1 of 14) diverting sludge from City's waste water treatment plants by use in co-composting program and landspreading of biosolids as soil amendment.</p>						
4020-SP-TRS	Tires	N	N/A	Selected and Ongoing		All sectors

CalRecycle Electronic Model Annual Report Summary

C - 1 Existing SRRE and HHWE Programs

Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
<p>Additions to Program Notes: Most of the members (13 of 14) are diverting waste tires by implementing recycling reuse, or retread programs, and processing into rubberized asphalt. Rancho Palos Verdes continues to promote tire amnesty days and other tire recycling opportunities; RPV often applies for and receives rubberized asphalt concrete grant funding for road resurfacing; 6,600 tons of tires were re-used for 2 street projects in RPV.</p>						
4030-SP-WHG	White Goods	N	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: All 14 members have programs for collecting and recycling White Goods (i.e., appliances, refrigerators, etc.).</p>						
4040-SP-SCM	Scrap Metal	N	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: Half of the members (8 of 14) offer scrap metal diversion programs.</p>						
4050-SP-WDW	Wood Waste	N	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: Of the 14 members, 11 divert wood waste through programs that include chipping wood waste or brush for mulch or compost.</p>						
4060-SP-CAR	Concrete/Asphalt/Rubble	N	N/A	Selected and Ongoing		All sectors

CalRecycle Electronic Model Annual Report Summary

C - 1 Existing SRRE and HHWE Programs

Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
Additions to Program Notes: All 14 members have programs to divert concrete/asphalt/rubble. Franchise haulers separate C&D debris for recycling. Some street resurfacing projects reuse and recycle asphalt by removing old asphalt, mixing it with rubberized material, and re-applying it to pave streets; also, crush and reuse asphalt and concrete material as base on other City projects, or haul to recycling facility.						
Artesia — C&D Recycling Ordinance adopted November 2002. 167 tons diverted in 2003.						
Beverly Hills — C&D Recycling Ordinance. Diverted 0 tons in 2003.						
Duarte — C&D Recycling Policy with permits; drafting Ordinance in 2003.						
Hidden Hills — C&D Recycling Ordinance adopted December 8, 2003; implementation effective early 2004. 733 tons were diverted in 2003.						
Los Angeles — C&D Recycling policy; inerts recycled by City Departments totaled 1,031,002 tons in 2003. Asphalt plants are owned and operated by the City.						
Lynwood — C&D Recycling Ordinance; over 663 tons asphalt and 458 tons concrete recycled by contractors in 2003; amending Ordinance in March 2004.						
Manhattan Beach — C&D Recycling Ordinance adopted February 20, 2004; implementation of C&D policy has been extensive with outreach to contractors and workshops, in 2003, City's Public Safety Facility was demolished (for reconstruction) and 80% of debris was recycled by contractors.						
Pomona — C&D Recycling Ordinance No. 3987 adopted June 2, 2003.						
Rancho Palos Verdes — City has a Policy of encouraging C&D Recycling (no Ordinance); reused 672 tons asphalt from one city project to another, and recycled 8,150 tons (from 18,500 tons material) taken to local inert fill project.						
Redondo Beach — C&D Recycling Policy; city amended policy in 2003 from voluntary participation to mandatory requirement for contractors/haulers; in 2004 City will strengthen policy further in order to gain satisfactory C&D debris recycling results. 75 tons were diverted in 2003.						
Rosemead — Administrative Policy on Recycling and Diversion Reporting Requirements for Construction Projects (City Council has not adopted an Ordinance); February 23, 2004 Public Works Memo encourages adherence to this C&D Recycling Policy; recycled 70 tons concrete/dirt in 2003.						
Sierra Madre — C&D Recycling Ordinance adopted July 6, 2004; recycled 696 tons inerts in 2003.						
South Gate — C&D Recycling Ordinance adopted May 25, 2004; in 2003, franchise hauler recycled 998 tons aggregate material at Nuway and Hanson facilities (portion of 10,363 overall commercial recycling figure). Plus, Puente Hills Landfill received 2,448 tons of asphalt diversion from South Gate in 2003.						
Torrance — C&D Recycling Ordinance adopted February 1, 2005.						

4080-SP-SGL	Shingles	N	N/A	Dropped (after implemented)	Other	All sectors
Additions to Program Notes: Program was not selected by regional agency or members.						

CalRecycle Electronic Model Annual Report Summary

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Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
4090-SP-RND	Rendering	N	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: One-third of the members (4 of 14) have programs promoting rendering of grease and dead animals. Many food service businesses separate their used cooking oils, grease, and fat for rendering haulers to collect.</p>						
4100-SP-OTH	Other Special Waste	N	N/A	Dropped (after implemented)	Other	All sectors
<p>Additions to Program Notes: Program is not selected by regional agency. Although a member has used this PARIS program code in prior years, we moved a few program listings to PARIS codes that are more consistent with all regional agency members. This is a necessary step when reporting data as we combine 14 jurisdictions into one. South Gate has dropped "other special waste" program in 2003, and moved programs to where they have been already tracked in the following PARIS codes: 4020 tires, 4090 rendering dead animals, and 9010 e-waste.</p>						
5000-ED-ELC	Electronic (radio ,TV, web, hotlines)	N	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: All 14 members have been educating the public and actively promoting waste reduction programs through electronic media outlets, such as radio/TV advertisements and public service announcements, telephone information hotlines, web pages announcements, promotional videos, and slide presentations.</p>						
5010-ED-PRN	Print (brochures, flyers, guides, news articles)	Y	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: All 14 members have been educating the public and actively promoting waste reduction programs through print media including: press releases and newspaper articles; newspaper advertisements; newsletters and publications; and brochures, flyers, and fact sheets. Hidden Hills developed and distributed a horse-owners brochure discussing how to properly divert manure to a composting facility in 2003; in addition, a landscaping brochure discussing proper greenwaste handling was developed and distributed. The City of Los Angeles placed several articles and advertisements about recycling in three different newspapers over a three month period in 2003. Rosemead translated its Recycling Guide into Chinese language in 2003; brochure targets both the residential and business sectors; a Spanish language translation of City of Rosemead Recycling Guide is planned for 2004.</p>						
5020-ED-OUT	Outreach (tech assistance, presentations, awards, fairs, field trips)	Y	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: All 14 member cities have active educational outreach programs. In addition, 4 member cities Manhattan Beach, Redondo Beach, Torrance, and Los Angeles take an active role in the South Bay Cities Subcommittee of the South Bay Business Environmental Coalition (SBBEC), a group of local cities (Carson, Compton, El Segundo, Gardena, Hermosa Beach, Lakewood, Lawndale, Lomita, Manhattan Beach, Palos Verdes Estates, Redondo Beach, Rolling Hills, and Rolling Hills Estates) that meet monthly, often with local businesses and CIWMB staff, to share program ideas and to initiate regional efforts. This SBBEC group organizes WRAP recognition events and was recently awarded a grant for a regional food recycling pilot program.</p> <p>Artesia — offer tech assistance to non-residential generators; visits to the senior centers and community centers educate the general public; local cable TV station disseminates information about the specifics of current programs and recycling in general; comedy act promotes recycling in the elementary schools.</p> <p>Beverly Hills — school visits for Public Works Week, National Safety Week, and National Education Week; on a quarterly basis at local Farmers Market, Public Works presents a showcase to residents about recycling and environmental topics.</p>						

CalRecycle Electronic Model Annual Report Summary

Duarte — providing tech assistance and waste audits to top 10 waste generators; expanding and implementing recycling programs at City of Hope facility.

Hidden Hills — tech assistance to residents on backyard composting; recycling display at counter in City Hall; recycling facility tours provided upon request.

Los Angeles -- offer tech assistance, presentation, workshops for targeted generators (over 140,000 businesses), recycling awards; audio and video workshop tapes, promotion of CalMax, speakers' bureau, and information booth; recognition award for city offices, employee education; LAX tenant training and certification program; City/Private sector partnership; Buy Recycled Campaign; Recycling Art Exhibits by Cultural affairs department; participated in Second Chance Week Campaign; Citywide Recycling attended public outreach events; City Smart Gardening/ compost bin sale workshops to residents; C&D outreach program "Best Practices Challenge" winner; recycling staff participated in community events; electronics collection events; Hotline for residential and commercial questions/issues; Media campaign for Earth Day; and Community Clean-Up events in various City locations.

Lynwood — tech assistance, workshops, marketing information, awards and other promotional outreach; spring and fall clean up events every year to help residents dispose of bulky items; City provides program info to residents through flyers, newspaper ads, mailers, and as promotional handouts at several city events all year long; In 2003, City and new franchise hauler Consolidated Disposal Service conducted 4 bilingual workshops to residents promoting new curbside residential collection program; in December 2003, City contacted 25 largest waste generators in City to conduct diversion surveys in early 2004.

Manhattan Beach — City continues to participate in local events such as Old Home Town Fair, County Fair and Earth Day fair; "Leadership Manhattan Beach" class for city staff includes curriculum on waste reduction; educational workshops and training for City staff on waste reduction and recycling practices; evaluated city facilities recycling practices with internal waste audits; City staff attends and makes presentation focusing on environmental issues and promoting diversion programs; staff attended APWA Conference; businesses were sent notices informing them of free available commercial collection and all other available recycling services; provide tech assistance outreach to all businesses in 2003; Recycling and composting programs are promoted at local schools through demonstrations and assemblies; and provide educational workshops conducted to describe program changes, route changes, dates of program implementation and other necessary information. The City gives 3 Composting/ Grasscycling Classes each year, average attendance 30 to 40 residents, and distribute flyers.

Pomona — tech assistance to businesses; promote WRAP; City heavily promotes recycling and source reduction through its public information campaigns for used oil, recycling, and composting; City regularly holds an annual event on Earth Day to promote recycling and waste prevention; City inserts messages in its refuse billings to residents encouraging them to participate in the recycling program; City participates with the County Dept of Public Works on its regional composting outreach program as well as the Generation Earth outreach program which are funded through landfill fees; In 2003, tech outreach was conducted to the City's top 25 waste generators; several diversion programs were proposed and are currently being considered for implementation including a shrink wrap plastic route, cardboard recycling, and wood recycling; events were held throughout the City in which annually hundreds of residents were informed about recycling programs.

Rancho Palos Verdes — City updated its Business Recycling Guide promoting recycling; Restaurants are encouraged to use Food Finders to donate excess food; City offers free tech assistance to businesses and schools; promote WRAP; City promotes recycling at events such as 4th of July celebration, Earth Day, Coastal Cleanup day; fliers, billing inserts, and giveaways made from recycled material are handed out; every January free environmental calendars are distributed to all elementary school children in the City; City continues its "Recycler of Month" awards, where each winner receives \$250 from the City and a "thank you" for their recycling efforts; City's Beautification grants offered to neighborhood groups that recycle continue to be very popular.

Redondo Beach — workshops, seminars, and public demonstrations for residents and businesses; field trip was offered to the residents; block leader program; America Recycles Day pledge letter sent to every resident with program reminders and promotions; provide tech assistance to businesses, promote WRAP; In 2003, provide

CalRecycle Electronic Model Annual Report Summary

recycling technical assistance targeting specific industries & approximately 24 large businesses such as hotels & restaurants; additional outreach to approximately 12 local businesses w/large amounts of greenwaste, including supermarkets for composting programs; franchise hauler increased education & outreach to residential sector; promote Recycling at Work Free commercial commingled recycling; City staff conducts business outreach and working with Chamber of Commerce "Leadership Redondo" organization to promote commercial recycling to 1,000 businesses in 2004.

Rosemead — City has participated in regional organizations that promote sharing resources and programs; provide tech assistance to businesses, waste audits; promote WRAP; In 2000, conducted 200 waste audits of schools and businesses in the City; In 2003, conducted 120 waste audits; in some businesses only Chinese language is spoken, and so the City brought in Chinese speaking tech assistance, and in 2003 a Chinese language Rosemead Recycling Guide was developed; In addition, a Spanish language edition of the recycling guide is budgeted for 2004.

Sierra Madre — conducted business waste surveys and provided on-site technical assistance for over 80 (of 166) retail businesses; promote WRAP; Sierra Madre Environmental Action Council (SMEAC), a local environmental group that provides environmental education, offers many types of environmental educational information at City public events; In 2003 identified the top 25 commercial waste generators and conducted site visits to these businesses.

South Gate — tech assistance provided to businesses from the hauler; presentations made to schools from franchise hauler, storm water program, and the Los Angeles County program; A "Family Day in the Park" event was held in October 2003 and flyers and information was distributed to interested attendees; storm water program presented to the Rotary Club in June 2003 and included information regarding recycling; training workshops for City staff on waste reduction and recycling practices; attendance by City staff to industry/government trade workshops and conferences.

Torrance — Earth Day fair, information booth displays at city events, Earth Day fair, provide tech assistance to businesses, waste audits; displays at local Health Fairs and School Leadership Conferences; promote CALMAX and WRAP in business license renewal form packages; City and private haulers work with businesses to apply for the CIWMB WRAP Awards.

5030-ED-SCH	Schools (education and curriculum)	N	N/A	Selected and Ongoing		School
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Additions to Program Notes: All 14 member cities' schools promote environmental awareness and waste reduction in some manner of curriculum or education. The County of Los Angeles visits area schools with the "Environmental Defenders and the Case of the Missing Link" educational program. Several schools have recycling programs inside and outside the classroom. Rosemead used DOC grant funds to purchase classroom recycling containers for all the elementary, junior and high schools within the City in 2003; meetings were held with the two school districts in Rosemead to develop additional recycling and source reduction programs. Sierra Madre conducted site visits at several schools in 2003; the city will provide recycling containers to the schools free of charge and provide technical assistance to assist in implementing/expanding diversion programs. South Gate worked with elementary schools on Dept of Conservation sponsored South Gate Beverage Container Recycling Art Contest from November 2003 through February 2004 Public Works Dept; 103 recycling art contest entries were received from local students in 2003. Torrance has an extensive education program in the schools, reaching thousands of students each year. Making in-classroom presentations on curbside recycling, composting, vermicomposting, HHW and used oil-recycling.

5040-ED-OTH	Other Public Education	N	N/A	Dropped (after implemented)	Other	All sectors
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CalRecycle Electronic Model Annual Report Summary

C - 1 Existing SRRE and HHWE Programs

Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
					Additions to Program Notes: Program is not selected by regional agency. Although some members have used this PARIS program code in prior years, we moved a few program listings to PARIS codes that are more consistent with all regional agency members. This is a necessary step when reporting data as we combine 14 jurisdictions into one. Manhattan Beach has dropped "other education" program in 2003, and moved program to where it is already being tracked in PARIS code 4060. Redondo Beach has dropped "other education" program in 2003, and moved program to where it is already being tracked in PARIS code 5020. South Gate has dropped "other education" program in 2003, and moved program to where it is already being tracked in PARIS code 5020. Torrance has dropped "other education" program in 2003, and moved program to where it is already being tracked in PARIS code 5020.	
6000-PI-PLB	Product and Landfill Bans	Y	N/A	Selected and Ongoing		All sectors
					Additions to Program Notes: Of the 14 members, 6 have implemented the following landfill disposal ban policies: Hidden Hills and Rancho Palos Verde ban manure from landfills; Los Angeles and Pomona ban HHW from landfills; Manhattan Beach bans universal wastes from landfills; and South Gate bans HHW, tires, and white goods from landfills.	
6010-PI-EIN	Economic Incentives	Y	N/A	Selected and Ongoing		All sectors
					Additions to Program Notes: All but one member city have economic incentives in place to promote waste reduction. Economic incentives include variable can rates and quantity based residential collection fees, Grants, and Recycling Market Development Zone (RMDZ) loans.	
6020-PI-ORD	Ordinances	Y	N/A	Selected and Ongoing		All sectors
					Additions to Program Notes: All 14 member cities have C&D Debris Recycling Policies in effect, with varying levels of implementation, usually based on budgets. Of the 14 members, 8 have actual City Ordinances requiring diversion of C&D debris.	
6030-PI-OTH	Other Policy Incentive	Y	N/A	Selected and Ongoing		All sectors
					Additions to Program Notes: All 14 member cities implemented "other policy incentive" in 2003 when they joined as members in developing a new Los Angeles Area Integrated Waste Management Authority, or Los Angeles Regional Agency (known as LARA). Each member city will benefit through shared resources and consolidated reporting.	
7000-FR-MRF	MRF	N	N/A	Selected and Ongoing		All sectors
					Additions to Program Notes: All 14 members have some portion of waste materials hauled to MRF's or processing centers for recovery of materials. Duarte decided in 2003 not to fully implement complete MRF processing due to cost impact, however, City has implemented partial MRF program that focuses on portion of waste stream with richest materials.	
7010-FR-LAN	Landfill	N	N/A	Selected and Ongoing		All sectors
					Additions to Program Notes: All 14 members benefit from landfill salvage and beneficial use programs ongoing at area landfills.	
7020-FR-TST	Transfer Station	N	N/A	Selected and Ongoing		All sectors
					Additions to Program Notes: Half of the members (6 of 14) implemented programs salvaging materials for recovery at transfer stations.	

CalRecycle Electronic Model Annual Report Summary

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Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
7030-FR-CMF	Composting Facility	N	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: One-third of members (4 of 14) implemented composting facility programs. The City of Los Angeles operates 4 of its own facilities for mulching/composting: Harbor, Van Norman, and two at Griffith Park.</p>						
7040-FR-ADC	Alternative Daily Cover	N	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: The 14 members 2003 combined ADC diversion is 288,401.59 tons. Artesia -- 1882.70 tons ADC in 2003. Beverly Hills -- 169.15 tons ADC in 2003. Duarte -- 3,270.64 tons ADC in 2003. Hidden Hills -- 1,274.78 tons ADC in 2003. Los Angeles -- 245,938.38 tons ADC in 2003. Lynwood -- 2,604.94 tons ADC in 2003. Manhattan Beach -- 696.63 tons ADC in 2003. Pomona -- 15,277.52 tons ADC in 2003. Rancho Palos Verdes -- 1,440.83 tons ADC in 2003. Redondo Beach -- 2,958.32 tons ADC in 2003. Rosemead -- 6,996.77 tons ADC in 2003. Sierra Madre -- 4,882.19 tons ADC in 2003. South Gate -- 322.58 tons ADC in 2003. Torrance -- 746.16 tons ADC in 2003.</p>						
8000-TR-WTE	Waste To Energy	N	N/A	Selected and Ongoing		All sectors

CalRecycle Electronic Model Annual Report Summary

C - 1 Existing SRRE and HHWE Programs

Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
<p>Additions to Program Notes: Haulers in half of the 14 member cities are taking material to SERRF and Commerce waste-to-energy facilities for Transformation Credit. In 2003, the DRS combined total from 13 members reporting is 96,636.21 tons of W-T-E.</p> <p>Artesia — 37.62 tons W-T-E in 2003 from commercial diversion program.</p> <p>Beverly Hills -- 2.91 tons W-T-E in 2003 from commercial diversion program.</p> <p>Duarte — 3.19 tons W-T-E in 2003 from commercial diversion program.</p> <p>Hidden Hills — 0 tons W-T-E in 2003 from commercial diversion program.</p> <p>Los Angeles — 64,862.28 tons W-T-E in 2003.</p> <p>Lynwood — 68.04 tons W-T-E in 2003 from commercial program; implemented in November 2003 by new franchise hauler (program expanded in 2004 averaging 638 tons/month, or goal 10% of estimated waste generation).</p> <p>Manhattan Beach — 2,518.07 tons W-T-E in 2003 from commercial diversion program.</p> <p>Pomona — 63.61 tons W-T-E in 2003 from commercial diversion program.</p> <p>Rancho Palos Verdes — 13,343.54 tons W-T-E in 2003 from commercial diversion program.</p> <p>Redondo Beach — 6,606.66 tons W-T-E in 2003 from commercial diversion program.</p> <p>Rosemead — 4774.26 tons W-T-E in 2003 from residential diversion program (goal 5% of estimated waste generation).</p> <p>Sierra Madre — 1.62 tons W-T-E in 2003 from commercial diversion program.</p> <p>South Gate — 3,856.31 tons W-T-E in 2003 from commercial diversion program (nearly doubled from prior year).</p> <p>Torrance — 498.10 tons W-T-E in 2003 from commercial diversion program.</p>						
8010-TR-BIO	Biomass	N	N/A	Dropped (after implemented)	Other	All sectors
<p>Additions to Program Notes: Program was not selected by regional agency or members.</p>						
8020-TR-TRS	Tires	N	N/A	Dropped (after implemented)	Other	All sectors
<p>Additions to Program Notes: Program was not selected by regional agency or members.</p>						
8030-TR-OTH	Other Transformation	N	N/A	Dropped (after implemented)	Other	All sectors
<p>Additions to Program Notes: Program was not selected by regional agency or members.</p>						

CalRecycle Electronic Model Annual Report Summary

C - 1 Existing SRRE and HHWE Programs

Program Code	Program Name	Owned and Op	Program Tons	Status	Reason(s)	Target Sector
9000-HH-PMF	Permanent Facility	Y	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: Of the 14 members, 11 have permanent collection facilities for HHW. Collection facilities include drop-off centers that collect used oil (and filters) or batteries, and more comprehensive HHW centers located in Los Angeles and Redondo Beach. The City of Los Angeles has 4 permanent residential drop-off centers (3 of these were added in 2003) accepting HHW including solvents, automotive fluids, flammables, and E-waste available to all residents of LA County, including all LARA members. Community Hazardous Waste Collection Facility located in Redondo Beach (funding and use shared with Manhattan Beach) accepts HHW including used oil, paint, pesticide, pool chemicals, and antifreeze.</p>						
9010-HH-MPC	Mobile or Periodic Collection	Y	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: All 14 members implemented programs utilizing mobile collection facilities and periodic collection events. The City of Los Angeles has its own mobile collection equipment and events. In Los Angeles 12 events were held throughout the City for a total of 22 days. At these events the City collected: 17,086 gallons of used motor oil; 2,135 gallons of antifreeze; 26,718 gallons of Latex paint; 35,151 gallons of oil-based paint; 1,779 auto batteries; and 1,848 Lab-Paks of hazardous waste. In addition, a small business recycling event and 30 used oil recycling collection events were held. The other 13 member cities participate in the Los Angeles County DPW program. The County operates mobile HHW roundup events in local areas in and around member cities throughout the year, every year. The Cities rely on County's mobile HHW collection events to service residents. The Cities help promote the HHW roundup events to get residents to participate. County program began E-waste collection in 2002.</p>						
9020-HH-CSC	Curbside Collection	N	N/A	Selected and Ongoing		Residential
<p>Additions to Program Notes: Of the 14 members, 3 have programs: South Gate and Rancho Palos Verdes offer residents curbside used oil collection; and Lynwood offers door-to-door used oil collection.</p>						
9030-HH-WSE	Waste Exchange	Y	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: Of the 14 members, 4 of them promote E-waste exchange under the LACoMax material exchange program. Los Angeles promotes LA Shares for business/nonprofit recycling.</p>						
9040-HH-EDP	Education Programs	Y	N/A	Selected and Ongoing		All sectors
<p>Additions to Program Notes: All 14 members implemented HHW education programs. The City of Los Angeles has its own collection equipment, events, and educational materials. In Los Angeles 687,448 mailers were sent to homes and apartments. 3 new flyers were designed to describe services and locations for the 3 new permanent drop-off sites; 18,750 flyers were circulated advertising HHW handling and collections. HHW fact sheets, magnets and informational brochures were distributed to the permanent facilities participants. The HHW website, with information on HHW and collection locations and dates, is linked to the City's website, and it is available 24/7. The other 13 member cities participate in the Los Angeles County HHW roundup mobile collection event program. The Cities help promote the HHW roundup events and get their residents to participate with advertisements of collection events in newspaper and local media, promotion of County's HHW/recycling hotline, and distribution of their own HHW educational and promotional materials (including used oil collection containers and give-away items).</p>						
9050-HH-OTH	Other HHW	N	N/A	Dropped (after implemented)	Other	All sectors

CalRecycle Electronic Model Annual Report Summary

C - 1 Existing SRRE and HHWE Programs

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<p>Additions to Program Notes: Program is not selected by regional agency. Although some members have used this PARIS program code in prior years, we moved a few program listings to PARIS codes that are more consistent with all regional agency members. This is a necessary step when reporting data as we combine 14 jurisdictions into one. Pomona and Los Angeles have dropped "other HHW" program in 2003, and moved program to landfill ban on HHW in PARIS code 6000. Rancho Palos Verdes has dropped "other HHW" program in 2003, and moved e-waste collection program to PARIS code 9010. South Gate has dropped "other HHW" program in 2003, and moved curbside used oil collection program to PARIS code 9020.</p>						

Section D

Summary Plan Needs Revision: No

Section E

E1 - Total agency-wide disposal capacity: 20 Years

E2 - Siting element needs revision: No

Section F

F1 - Areas of concern:

F2 - Conditional approvals:

Section H

Additional Information

The 177,840 tons Disposal Reduction Credit is comprised of the following figures: 96,636 tons Transformation from 13 members; 57,771 tons DRS Disposal Modification Claim removing waste from Torrance; 14,633 tons DRS Regional Diversion Facility Claim removing residual waste from South Gate; 6,772 tons DRS Regional Diversion Facility Claim removing residual waste from Lynwood; 2,028 tons DRS Disposal Modification Claim removing state school project C&D waste from Lynwood.