

STATE OF CALIFORNIA CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD
Base Year Modification Request Certification
Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

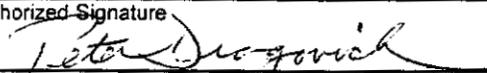
California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

- 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
- 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name Concord	County Contra Costa		
Authorized Signature 	Title Assistant to the City Manager		
Type/Print Name of Person Signing Peter Dragovich	Date 11-8-2002	Phone () 925-671-3085	
Person Completing This Form (please print or type) Christina Hanson/Mark White	Title Project Manager		
Affiliation:	Pacific Waste Consulting Group		
Mailing Address 5714 Folsom Blvd. #240	City Sacramento	State CA	ZIP Code 95814
E-mail address	mark@pwcg.net		

Section II: Information for New Generation-Based Study for Existing or New Base Year
Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).
Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved base-year:	2. Proposed new generation-based study year:
1990	2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:
 The original base-year is based on data that is old and inaccurate. The proposed base-year is based on a new and accurate Waste Generation Study. Data was obtained directly from hauler reports, DRS data, and waste audits and surveys. All calculations were based on Board-approved conversion factors. No extrapolation was used. The combination of this data results in a report that accurately portrays an average year in terms of waste disposal and diversion. There were no unusual events, in the study year, such as natural disasters or large construction or demolition projects.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 45 %	Diversion rate calculated using new generation-based study	b. 51 %
For existing base year pounds/person/day based on generation	0.9	For new generation based study pounds/person/day based on generation	1.2
Residential generation 61 %	Non-Residential Generation 39 %	Residential generation 25% %	Non-Residential generation 75% %
Population existing generation-based study #####		Population new generation-based study 930000	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.
 The new diversion rate is consistent with our current diversion efforts in that our jurisdiction has implemented or expanded several programs including Public Works grasscycling and asphalt recycling, procurement and recycling in City offices, increased materials collected curbside (2000), buyback program, city-wide greenwaste collection (2000), expanded floor sort at the transfer station and numerous print and outreach programs including compost bin sales, school curriculum and grasscycling brochures.. The diversion data from the old base-year was very inaccurate and incomplete. The new base-year includes many diversion and disposal sources that were missed in the original base-year. The increase in pounds per person per day is slight, and is a result of the increased generation.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)
 Using the CIWMB adjustment method with the factors provided by the CIWMB, the diversion rate is 45 percent. The proposed diversion rate of 51 percent shows an increase greater than 5 percent. Using the alternative adjustment factors submitted in the Annual Report, the diversion rate is 49%, an increase less than 5 percent. In either case, the difference in rates is due to the more complete evaluation of diversion and disposal done in the current survey than in the original base-year. The increased diversion is largely attributed to the expanded floor sort recycling at the transfer station, the new city-wide greenwaste program, the City recycling programs (greenwaste, grasscycling, and asphalt), and the identification of business recycling and source reduction efforts in the diversion study.

7. Disposal Tonnage: (enter values)	40578	57353	97931
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmb.ca.gov/lcentral/forms/rytnmdrq.doc>)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmb.ca.gov/lcentral/forms/rytnmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed non-Residential waste audit information in Section 9.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lcentral/parts/codes/reduce.htm					
Residential Activities:					
Source Reduction					
Backyard composting	246	0.1%	Food and yard waste	See List of Conversion Factors used in Attachment 8	County sales records
Grasscycling		0.0%			
Other Residential source reduction (list each program separately)					
Yard Sales	364	0.2%	textiles, furniture, books	1040 yard sales; .35 tons per sale, CIWMB	Contra Costa Times
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	610	0.3%			
Recycling					
Curbside Recycling	7526	3.6%	Paper, Cardboard, plastic, glass, aluminum	Actual Tonnage used	CDS reports
Buyback centers	1517	0.8%	Plastic (1&2), glass, aluminum, bimetal	3,033,508 lbs	DOC report
Drop-off centers	1907	1.0%	ONP, OCC, white ledger, plastic, glass, aluminum	Actual Tonnage used	CDS reports
Other Residential recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	10950	5.5%			
Composting					

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/central/pans/codes/reduce.htm					
Green waste drop-off					
Curbside green waste	13037	6.6%	Green Waste	Actual Tonnage used	CDS reports
Christmas Tree program					
Other Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	13037	6.6%			
Subtotal Residential Diversion	24597	12.5%			
Non-Residential Activities:					
Source Reduction					
Non-Residential Waste Audits*	8512	4.3%		See Section 9	
Other non-Residential source reduction (list each program separately)					
City Green Waste	2165	1.1%	Green Waste	284 acres of City Parks. .35 lbs/sq ft. 1 acre = 43,560 sq ft.	Surveyed acreage; document with CIWMB
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Source Reduction	10677	5.4%			
Recycling					
Non-Residential Waste Audits*	12275	6.2%		See Section 9	
Other non-Residential recycling (list each program separately)					
Compactor/Bins/Bales	2067	1.0%	Newspaper, OCC, OCC bales, Mixed ledger	Actual Tonnage used	CDS report
Commercial Collection	2305	1.2%	Newspaper, OCC, Mixed paper, Glass	Actual Tonnage used	CDS report
Other Material Handler	20040	10.2%	Asphalt and concrete	Concrete; 1 cu yd = 1,855 lbs/cu yd Asphalt; 1 cu yd = 1,380 bls/cu yd	Invoice copies for 2000; does not include businesses already surveyed.
City Asphalt Recycling	5167	2.6%	Pavement Asphalt	150lbs/cuft (Asphalt Institute Handbook)	City report
Other Material Handler	969	0.5%	UBC, Plastic, Other Bev, Glass, Alum scrap, Brass, Copper	1,936.996 lbs total	Annual Report from HQ not included in Attach 9.
Subtotal Non-Residential Recycling	42823	21.7%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at http://www.cwmb.ca.gov/central/parts/codes/reduce.htm	(A)	(A/Total Generation)			
Composting					
Non-Residential Waste Audits*	584	0.3%		See Section 9	
Other non-Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	584	0.3%			
Subtotal Non-Residential Diversion	54084	27.4%			
Residential/Non-Residential Diversion Activities					
ADC	18187	9.2%	wood, C&D	Actual Tonnage used	Transfer Station Quarterly Reports
Sludge					
Scrap metal					
Construction and demolition					
Landfill salvage	2551	1.3%	Cardboard, paper, metals, plastic, glass, aluminum, wood, plastic	Total Diversion minus ADC minus Greenwaste = landfill salvage	Transfer Station Quarterly Reports
Subtotal Residential/Non-Residential diversion	20738	10.5%			
Total Diversion Tons	99419	50.4%			
Total Disposal Tons from Sec.7	97931	49.6%			
Total Generation Tons (Div+Dis)	197350				

Board Meeting
January 14-15, 2003

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type. Include copies of survey form(s) used.

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generators (Total Diversion Tons/Total Generation in Section B)	Survey Method Phone (P) Mail (M) On-site (O) Other
Retail - Automotive	S-00-121	Recycling tires,	83	749	0	832	0.4%	S
School District	S-00-122	Grasscycling.	1024	0	0	1024.20682	0.5%	S
Retail - Food Store	S-00-73	Recycling OCC, plastic, rendering, pallet SR, donations.	328	422	33	782.6	0.4%	S
Retail - Food Store	S-00-79	Recycling OCC, plastic, rendering, pallet SR.	328	1178	527	2032.6	1.0%	S
Retail - Other	S-00-51	Recycling OCC, paper, plastic, tires; pallet and tire SR.	94	654		748	0.4%	S
Retail - Home Improvement	S-00-89	Recycling OCC; pallet SR.	1820	530	0	2349.62963	1.2%	O
Manufacturing - Metals	S-00-30	Recycling scrap metal, alum, copper, pallet SR.	0	2449	0	2449.286684	1.2%	S
Retail - Warehouse Store	S-00-72	Recycling tires, newspaper; pallet SR.	2711	582	0	3293	1.7%	S
Asphalt Co	S-00-04	Recycling concrete		750	0	750	0.4%	O
Retail - Other	A-00-07	Recycling textiles, appliances	0	880	0	880	0.4%	S
Totals			6388.0358	8193.2873	560	15141.32313	7.7%	

Summarize the non-residential diversion activities quantification methodology and applicable conversion factors.

7/10/02 SECTION REVISED: DATA REORDERED BY MATERIAL TYPE:

OCC RECYCLING:

S-00-73. 416 tons of OCC. These numbers were obtained through a corporate representative and all information provided through corporate recycling reports. The reports provided only the total tons received from the City; this data contains information from 2 Concord stores.

S-00-79. The stores recycled 1052 tons of OCC. These numbers were obtained through a corporate representative and all information provided through corporate recycling reports. The reports provided only the total tons received from the City; this data contains information from 3 Concord stores.

S-00-89. This store was audited and all information provided in person by the manager. This store recycles 51 cubic yards per week. The OCC is baled and sent back to the corporate distribution center for recycling. Using the conversion factor (400 lbs/compacted cu yd, USEPA), the annual diversion totals 530 tons.

S-00-51. Retail - Warehouse Store: This store was audited and all information provided in person by an employee. Cardboard is recycled through their corporate distribution center. They send 12.4 cubic yards of compacted OCC weekly to the distribution center. Using the conversion factor (400 lbs/cu yd compacted, USEPA), we calculated 129.4 tons diversion.

PLASTIC RECYCLING:

S-00-73. 6 tons of plastic. These numbers were obtained through a corporate representative and all information provided through corporate recycling reports. The reports provided only the total tons received from the City; this data contains information from 2 Concord stores.

S-00-79. 24 tons plastic. These numbers were obtained through a corporate representative and all information provided through corporate recycling reports. The reports provided only the total tons received from the City; this data contains information from 3 Concord stores.

S-00-51. Retail - Warehouse Store: This store was audited and all information provided in person by an employee. They recycle plastic by sending back to their distribution center for recycling. They bale 4.7 cubic yards of plastic wrap weekly. Using the conversion factor (75.96 lbs/cu yd, semi-compacted, Tellus), they diverted 9.2 tons.

NEWSPAPER:

S-00-72. Retail - Warehouse Store: They recycle old newspaper. We received the tonnage from the recycler statements. This recycler was one that we surveyed, so we removed the tons from this store from our recycler diversion totals. In 2000, they diverted 322 tons of newspaper. These numbers were obtained through a phone survey with an employee.

PAPER:

S-00-51. Retail - Warehouse Store: This store was audited and all information provided in person by an employee. Paper is recycled through a recycler that did not participate in our survey (so no double-counting). Two 33-gallon bags of office paper are recycled weekly. Using the conversion factor, (25.41 lbs/33 gallon bag, USEPA), we calculated 1.32 tons diversion.

FOOD WASTE/COMPOSTING:

S-00-73. The stores recycled 11 tons of food donations. These numbers were obtained through a corporate representative and all information provided through corporate recycling reports. The reports provided only the total tons received from the City; this data contains information from 2 Concord stores.

S-00-79. 628 tons food waste (102 bone/fat and 526 tons produce that is composed). These numbers were obtained through a corporate representative and all information provided through corporate recycling reports. The reports provided only the total tons received from the City; this data contains information from 3 Concord stores.

RENDERING:

S-00-73. 22 tons of meat/bone/fish/oil. These numbers were obtained through a corporate representative and all information provided through corporate recycling reports. The reports provided only the total tons received from the City; this data contains information from 2 Concord stores.

reports. The reports provided only the data tons received from the City, this data contains information from 2 Concord stores.

S-00-79. These numbers were obtained through a corporate representative and all information provided through corporate recycling reports. The reports provided only the total tons received from the City; this data contains information from 3 Concord stores.

PALLET S/R:

S-00-89. This store was audited and all information provided in person by the manager. They reuse pallets, 1750 pallets weekly. One-trip wooden pallets are saved and returned to the distribution center. Using the conversion factor (40 lbs/ea, USEPA) they diverted 1820 tons.

S-00-73. The stores also receive 40 pallets per day, seven days per week, from daily shipments and 10-12 pallets every other day from other shipments. We used an average of 45 pallets per day to calculate the diversion. Using the conversion factor (40 lbs/pallet, USEPA), they diverted 327.6 tons.

S-00-79. The stores also reuse 45 pallets per day, seven days per week. Using the conversion factor (40 lbs/pallet, USEPA), they diverted 327.6 tons.

S-00-30. Manufacturer - Metals: Pallets are also recycled. The pallets, 7-8 weekly (we used 7.5 in our calculations) are sold to a scrap dealer for recycling. The pallets are the heavy duty pallets, 4'x10', so we doubled the conversion factor of a regular pallet. Using that factor (80 lbs/pallet [doubled the 40 lb factor], USEPA), we calculated 15.6 tons diversion. These numbers were obtained through a phone survey with an employee.

S-00-72. Retail - Warehouse Store: This store also reuses pallets, 2520 per week. The pallets are returned to their distribution center. Using the conversion factor (40 lbs/pallet, USEPA), they diverted 2620 tons. These numbers were obtained through a phone survey with an employee.

GRASSCYCLING:

S-00-122. The school district applies grasscycling methods to 5,852,610 square feet of grass at the schools in the City. This acreage does not include any parking areas, developed areas or any lawn areas where grasscycling cannot be practiced. Using the conversion factor (0.35 lbs/sq. ft., CIWMB), we calculated 1024 tons of diversion.

SCRAP METAL:

S-00-51. Retail - Warehouse Store: This store was surveyed and audited and all information provided in person by an employee. This store recycles scrap metal through a recycler that we did not survey (so no double-counting). They recycle a 500-pound flat of materials every other month, totalling 1.5 annual tons diverted.

S-00-30. Manufacturer - Metals: This shop recycles 102.7 cubic yards of ferrous scrap metal weekly. The materials are sold to a recycler that we did not survey (so no double-counting). Using the conversion factor (906 lbs/cu yd, USEPA), the diversion totals 2418 tons. The program began in 1991, so we will include these tons in our diversion rate calculation. These numbers were obtained through a phone survey with an employee.

ALUMINUM:

S-00-30. Manufacturer - Metals: They also recycle .45 cubic yards weekly of aluminum. Using the conversion factor (175 lbs/cu yd, Tellus), they diverted 2.05 tons. These numbers were obtained through a phone survey with an employee.

COPPER:

S-00-30. Manufacturer - Metals: They recycle copper, .45 cubic yards weekly. Using the conversion factor (1093 lbs/cu yd, Tellus), they diverted 12.8 tons. Both the aluminum and copper are also recycled through a recycler that we did not survey and these programs began in 1993. These numbers were obtained through a phone survey with an employee.

TIRES:

S-00-121. These numbers were obtained through a telephone survey and all information provided by the store manager. This automotive store recycles 800 tires per week. The tires are picked up by a tire recycler. We contacted the tire recycler and were told that they recycle 55 percent of the tires, sell for fuel 35 percent and recap and resell 10 percent. No tires are disposed. Approximately 75 percent of the tires are car-sized tires and 25 percent larger truck tires. We applied the percentages to the conversion factor (20 lbs/car tire, 80 lbs/truck tire, USEPA), to determine 749 tons of tires were recycled and 83 tons source reduced annually.

S-00-72. This store recycles tires, 250 per week. They are picked up by a recycler. We contacted the recycler and verified that no tires are disposed. Using the conversion factor, averaging for 65 percent car tires and 35 percent truck tires, (weighted average 40 lbs/ea, CIWMB), we calculated 260 tons diversion.

S-00-51. Retail - Warehouse Store: This store was surveyed and audited and all information provided in person by an employee. The tires, 600 per week, are picked up by a recycler. We contacted the recycler and verified that no tires are disposed; the tires are either resold, recycled, or burned for fuel. Using an average of car and truck tire conversion factors (weighted average 60 lbs/tire, CIWMB), they diverted a total of 609 tons.

TEXTILES/APPLIANCES

A-00-07. Retail - Thrift Store: This store was audited by CIWMB staff. The manager of the store provided the information. She estimated that the following was sold on a daily basis; 1) 3,125 pieces of clothing = 1 lb each 2) 10 pieces of furniture = 100 lbs/ea 3) 30 boxes of household items = 20 lbs/box 4) 50 books = 1.48 lbs/ea 5) 10 lbs of linens = 2.72 lbs/ea 6) 1 small appliance = 197.37 lbs/ea.

CONCRETE

S-00-04. Asphalt Company: Information from this survey was discussed with the store manager. Confirmed that all concrete materials were picked up by County Quarry. Provided number in tons = 750 annual.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following

a. If the diversion program started on or after January 1, 1990, complete the following table.
(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Pull Down for Waste Types ▼	***See Attachment 10 for Complete List***		3317
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program. Instead please provide date of Board approval of previously submitted information. _____ (Date)
If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]).
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types ▼	***See Attachment 10 for Complete			
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

Board Meeting
January 14-15, 2003

(using "2000 Div
Cales for
CIWMB" file)

Agenda Item
Attachment 2a

Business Audit Division for the City of Concord

Reference Number	Business Type	Diversion Activity	Material Type	Amount of Material	Units	Frequency	Notes	Conversion Factor	Units	Conversion Source	Source Reduction (tons)	Recycling (tons)	Composting (tons)	Total Tons
S-00-04	Asphalt Co.													
		Recycled	Concrete	750.00	tons	annually	To County Quarry; not included in other material handler #'s		0.93			750		750.00
		Subtotal (Tons)		750.00										
S-00-06	Mudie Co.													
		Source Red.	Pallets	20.00	Pallets	monthly	sent back to source		40 lbs/pallet	CIWMB		4.8		4.80
		Subtotal (Tons)		4.80										
S-00-10	Landscaper													
		Source Red.	Pallets	7.00	Pallets	weekly	sent back to source		40 lbs/pallet	CIWMB		7.28		7.28
		Subtotal (Tons)		7.28										
S-00-11	Concrete Co.													
		Recycling	Scrap metal	100.00	lbs	annually	Sell scrap, since 1990					0.05		0.05
		Recycling	C&D	1	ton	annually	1990					1		1.00
		Source Red.	pallets	10	pallets	annually	Pittsburg co for repair		40 lbs/pallet	CIWMB		0.2		0.20
		Subtotal (Tons)		1.25										
S-00-15	Metal Mfr.													
		Recycling	Scrap metal	1500.00	lbs	monthly	***not using incl in recycler totals							
		Recycling	OCC	3.30	tons/yr		Recycler (unknown)					3.3		3.30
		Subtotal (Tons)		3.30										
S-00-24	Printing Shop													
		Recycling	OCC	0.17	cu yd	monthly	scavenger		100 lbs/cu yd uncompact	CIWMB		0.1		0.10
		Recycling	Al	40.00	gallon	monthly	drop off		2.21 lbs/13 gal	USEPA		0.0408		0.04
		Source Red.	Paper	5.20	reams	monthly			5 lbs/ream	CIWMB		0.16		0.16
		Subtotal (Tons)		0.30										
S-00-28	Manufacturing - Metal													
		Source Reduction	Pallets	2.00	pallets	weekly	returned to source		40 lbs/pallet	CIWMB		2.08		2.08
		Subtotal (Tons)		2.08										
S-00-29	Metal Mfr.													
		Source Reduction	Pallets	9.00	pallets	weekly	returned to source		40 lbs/pallet	CIWMB		9.36		9.36
		Subtotal (Tons)		9.36										
S-00-30	Metal Mfr.													
		Recycling	Scrap metal	102.67	cu yd	weekly	since after 1990 per contact		906.0 lb/cu yd	USEPA		2418.416		2,418.42
		Recycling	Al	0.45	cu yd	weekly			175.0 lbs/cu yd	Tellus		2.0475		2.05
		Recycling	Othr metals	0.45	cu yd	weekly			1093.52 lbs/cu yd			12.794184		12.79
		Recycling	Wood	7.50	pallets	weekly	Delta Scrap for recycling		80 lb/pallet	CIWMB		15.6		15.60
		Source Reduction	OCC	7.50	med boxes	weekly	reused		2.2 lbs/med box	CIWMB		0.429		0.43
		Subtotal (Tons)		2,449.29										
S-00-40	Machine Shop													
		Source Red.	OCC	5.00	med boxes	weekly	reused		2.2 lbs/med box	CIWMB		0.286		0.29
		Source Red.	Pallets	2.00	pallets	weekly	reused		40 lbs/pallet	CIWMB		2.08		2.08
		Subtotal (Tons)		2.37										
S-00-43	Elec. Mfr.													
		Source Red.	Paper	12.00	reams	weekly			5.0 lbs/ream	CIWMB		1.56		1.56
		Subtotal (Tons)		1.56										

S-00-47												
Recycling Mfr												
	Recycling	Glass		5 lbs	weekly	donation		wt from orig source docs			0.11	0.11
	Recycling	Plastic		5 lbs	weekly	donation					0.13	0.13
	Subtotal (Tons)			0.24								
S-00-49												
Instrument Mfr												
	Recycling	ONP		2 cu yd	weekly			755.00 lbs/cu yd	USEPA		39.26	39.26
	Recycling	Al		1 32 gallon bag	monthly			2.2 lbs/13 gal. Bag	USEPA		0.03264	0.03
	Recycling	Plastic		12 toner cartrid	monthly			2.5 lbs/cartridge	USEPA		0.18	0.18
	Recycling	Otr Org		cu yd food waste	weekly	composted		1443 lbs/cu yd	Telus		11.2554	11.26
	Source Red.	OCC		25 boxes	reused weekly			2.2 lbs/med box	CIWMB		1.43	1.43
	Source Red.	Plastic		52 bags	annually			1 lbs/bag	employee est		0.026	0.03
	Source Red.	Pallets		30 pallets	weekly			40 lbs/pallet	CIWMB		31.2	31.20
	Subtotal (Tons)			83.38								
S-00-50												
Recycling Mfr												
	Recycling	OCC		6 cu yd	annually			100.00 lb/cubic yard	CIWMB		0.3	0.30
	Recycling	Paper		6 cu yd	annually			775.0 lb/cubic yard	USEPA		2.325	2.33
	Subtotal (Tons)			2.63								
S-00-53												
Instrument Mfr												
	Recycling	OCC		1.77777778 cu yd	weekly	recycler		100.00 lb/cubic yard	CIWMB		4.62222222	4.62
	Recycling	Fe		128 gallon	weekly	PH Recycling		226.5 lbs/barrel (55 gal)	USEPA		0	-
	Recycling	Pallets		12 pallets	annually	recycled/reused		40 lbs/pallet	CIWMB		0.24	0.24
	Subtotal (Tons)			4.86								
S-00-57												
Instrument Mfr												
	Recycling	OCC		1600 lbs	monthly	Mallard recycler		wt from orig source			9.6	9.60
	Recycling	Al		4 cu yd	6x annually	Don Cherry		175.0 lbs/cu yd	Telus		2.1	2.10
	Recycling	Othr metals		4 cu yd	6x annually	Don Cherry		1093.52 lbs/cu yd	Telus		13.12224	13.12
	Source Red.	Pallets		10 pallets	weekly	reused/returned		40 lbs/pallet	CIWMB		10.4	10.40
	Subtotal (Tons)			35.22								
S-00-61												
Instrument Mfr												
	Recycling	OCC		200 lbs	weekly			wt from orig source			4.8	4.80
	Source Red.	Pallets		6 pallets	monthly			40.0 lbs/pallet	CIWMB		1.44	1.44
	Subtotal (Tons)			6.24								
S-00-63												
Cable Mfr												
	Source Red.	OCC		15 med boxes	weekly	reused		2.20 lbs/med box	CIWMB		0.86	0.86
	Subtotal (Tons)			0.86								
S-00-65												
Wholesale Goods												
	Recycling	OCC		3 cu yd	week	WM, loose OCC		100.00 lb/cubic yard	CIWMB		7.8	7.80
	Recycling	Paper		3 cu yd	week	WM, loose paper		755.0 lb/cubic yard	USEPA		58.89	58.89
	Source Red.	Plastic		875 lbs	weekly			wt from orig source			22.75	22.75
	Source Red.	Pallets		20 pallets	weekly	return to shippers		40 lbs	CIWMB		20.8	20.80
	Subtotal (Tons)			110.24								
S-00-68												
Wholesale Goods												
	Recycling	Al		55 gallon bag	weekly	employees		14.60 lbs/32 gallon crs	J.A County		0.6524375	0.65
	Recycling	Wood		1000 lbs	monthly	pallets recycled		wt from orig source			6	6.00
	Subtotal (Tons)			6.65								
S-00-71												
Department Store												
	Recycling	OCC		10.66666667 cubic yards	weekly	to corporate		400.00 lbs/cu yd	USEPA		110.9333333	110.93
	Source Red.	Pallets		100 pallets	weekly			40.0 lbs	CIWMB		104	104.00
	Subtotal (Tons)			214.93								
S-00-72												
Retail Warehouse												
	Recycling	ONP		96 gallon	weekly			42.35 lbs/55 gallon drn	USEPA		321.92192	321.92
	Source Red.	Tires		250 ea	weekly	corp for reuse		15.0 lbs/ car tire	Goodyear		90	350.00
	Source Red.	Pallets		2520 pallets	weekly	corp		40 lbs/pallet	CIWMB		2620.8	2,620.80

Attachment	Subtotal (Tons)												
S-00-73 Grocery Stores													
		Recycling	OCC	416	tons per fax from corp	weekly		wt from orig source docs			416	416.00	
		Recycling	Otr Org	33	fax			Composted, produce and bone recycling			33	33.00	
		Source Red.	Pallets	45	pallets	daily		reused	40 lbs	CIWMB	327.6	327.60	
	Subtotal (Tons)	776.60											
S-00-75 Grocery Store Chain													
		Recycling	OCC	105.22	tons	year		data from community recycling	wt from orig source docs		1052.22	1,052.22	
		Recycling	Plastic	23.98	tons	year		data from community recycling	wt from orig source		23.98	23.98	
		Recycling	Otr Org	526.11	tons	year		Composted produce	wt from orig source		526.11	526.11	
		Recycling	Otr Org	101.53	tons	year		Bone & fat (data from community recycling)	wt from orig source		101.53	101.53	
		Source Red.	Pallets	45	pallets	daily		(7 days) reused	40 lbs/pallet	CIWMB	327.6	327.60	
	Subtotal (Tons)	2,031.44											
S-00-82 Food Store													
		Recycling	OCC	25.92592593	cu yd	weekly			400.00	lb/compacted	CIWMB	269.6296296	269.63
		Recycling	Paper	40	gallons	weekly			42.4	lbs/55 gallon drum	USEPA	0.8008	0.80
		Recycling	Wood	17	pallets	weekly		corp trucks return	40	lbs/pallet	CIWMB	17.68	17.68
		Source Red.	OCC	800	boxes	weekly		reused	2.2	lbs/box	CIWMB	45.76	45.76
		Source Red.	Pallets	100	pallets	weekly		reused	40	lbs/pallet	CIWMB	104	104.00
		Source Red.	Otr Org	1000	lbs	weekly				wt from orig source docs	26	26.00	
	Subtotal (Tons)	463.87											
S-00-83 Auto Dealer													
		Recycling	OCC	4	yard	weekly			100.00	lbs/uncompacted	CIWMB	10.4	10.40
		Source Red.	Pallets	1	pallet	weekly returned			40	lbs/pallet	CIWMB	1.04	1.04
	Subtotal (Tons)	11.44											
S-00-84													
		Recycling	Plastic	48	cu yds	annually			9.62	lbs/cu yd	Tellus	0.23088	0.23
		Recycling	Textiles	10	cu yd	monthly			84.4	lbs/cu yd	Tellus	5.064	5.06
	Subtotal (Tons)	5.29											
S-00-85 Restaurant													
		Source Red.	OCC	140	boxes	weekly		reused	2.20	lbs med box	CIWMB	8.008	8.01
	Subtotal (Tons)	8.01											
S-00-86 Restaurant													
		Recycling	OCC	150	boxes	weekly			2.20	lbs/med box	CIWMB	8.58	8.58
		Recycling	ONP	10	papers	daily			1.0	lb/paper	CIWMB	1.825	1.83
		Recycling	Plastic	100	cartons	weekly			0.25	lbs/carton	USEPA	0.65	0.65
		Source Red.	Plastic	540	customers	daily		washable flatware	0.0372	lbs/customer	BUG	3.66606	3.67
	Subtotal (Tons)	14.72											
S-00-88 Retail Store													
		Recycling	OCC	150	lg boxes	daily			4	lbs/lg box	CIWMB	90	90.00
	Subtotal (Tons)	90.00											
S-00-89 Retail Warehouse													
		Recycling	OCC	50.92592593	cu yd	weekly		corporate	400	lbs/cu yd	USEPA	529.6296296	529.63
		Source Red.	Pallets	1750	pallets	weekly		corporate	40	lbs/pallet	CIWMB	1820	1,820.00
	Subtotal (Tons)	2,349.63											
S-00-91 Furniture Store													
		Recycling	Paper	96	gallon	weekly			42.35	lbs/55 gallon drum	USEPA	1.92192	1.92

Attachment 9													
	Recycling	Al	33	gallons	weekly	donated		14.6	lbs/32 gallon	LA County		0.3914625	0.39
	Source Red.	OCC	10	lg boxes	weekly	reused		4	crush/uncrush lbs/lg box	CIWMB	1.04		1.04
	Subtotal (Tons)		3.35										
S-00-92 Banks													
	Recycling	Paper	394.08	tons	annually	per regional reports	wt from orig source docs					394.08	394.08
	Subtotal (Tons)		394.08										
S-00-93 Property Mgt Co													
	Recycling	Paper	304288	lbs	annually		wt from orig source docs					152	152.00
	Subtotal (Tons)		152.00										
S-00-94 Mobile Home Park													
	Recycling	OCC	33.87	tons	annually	resident hauler gives to National Recycling	wt from res hauler documents					49.2805	49.28
	Recycling	ONP	25.6	tons	annually	resident hauler gives to National Recycling						20.6	20.60
	Recycling	Paper	6.484	tons	annually	resident hauler gives to National Recycling						4.62	4.62
	Recycling	Al	0.37525	tons	annually	resident hauler gives to All Sierra						0.29	0.29
	Recycling	Glass	3.7895	tons	annually	resident hauler gives to All Sierra						0.81	0.81
	Recycling	Plastic	1.869125	tons	annually	resident hauler gives to All Sierra						0.413	0.41
	Subtotal (Tons)		76.01										
S-00-99 Golf Course													
	Recycling	Green waste	250	cu yd	annually	composted		108	lbs/cu yd	USEPA		13.5	13.50
	Source Red.	Green waste	4247100	sq ft	annually	grasscycled		0.35	lbs/sq ft	CIWMB	743.2425		743.24
	Subtotal (Tons)		756.74										
S-00-100 Upholsterer													
	Recycling	OCC	30	gallons	monthly	to boy scouts		0.45454545	lbs/gal	CIWMB		0.081818182	0.08
	Source Red.	Plastic	200	lbs	monthly	to supplier					1.2		1.20
	Subtotal (Tons)		1.28										
S-00-103 Printing Shop													
	Recycling	Paper	1.3	tons/yr			wt from orig source docs					1.3	1.30
	Subtotal (Tons)		1.30										
S-00-105 Shelving Mfr													
	Recycling	OCC	21.33333333	cu yd baled	annually	Contra Costa Recyclers		400	lbs/cu yd Compacted	USEPA		4.266666667	4.27
	Recycling	Al	135	gallons	4 times annually			14.6	lbs/32 gallon crush/uncrush	LA County		0.1231875	0.12
	Source Red.	Fe	40000	lbs	annually		wt from orig source docs				20		20.00
	Source Red.	Pallets	5	pallets	weekly			40	lbs/pallet	CIWMB	4.8		4.80
	Subtotal (Tons)		29.19										
S-00-106 Tire Store													
	Recycling	Tires	150	ea	weekly	50% burned		40	lbs/avg car & truck			46.8	46.80
	Recycling	OCC	15	med boxes	weekly	warehouse		2.2	lbs/med box			0.792	
	Source Red.	Tires	150	ea	weekly	25% reused		40	lbs/avg car & truck		39		39.00
	Subtotal (Tons)		85.80										
S-00-107 Tire Store													
	Recycling	Fe	162	lbs	weekly		wt from orig source docs					3.9	3.90

Attachment 2	Recycling	Tires	1300	ca	monthly	35% burned, 55% recyc	40	lbs/avg cars & truc	USEPA	280.8	280.80
	Recycling	OCC	15	sm boxes	weekly	scavenger, MDR	2.2	lbs/med box	CIWMB	0.792	
	Source Red.	Tires	1300	ea	weekly	10% reused	40	lbs/avg cars & truc	USEPA	31.2	31.20
Subtotal (Tons)			315.90								
S-00-108 Tire Store											
	Recycling	Fe	250	lbs	weekly	1995 corporate program	wt from orig			6.5	6.50
	Recycling	Tires	200	ea	weekly	30% burned	40	lbs/avg car & truck	USEPA	62.4	62.40
	Source Red.	Tires	200	ea	weekly	25% reused	40	lbs/car & truck	USEPA	52	52.00
Subtotal (Tons)			120.90								
S-00-109 Tire Store											
	Recycling	Fe	500	lbs	weekly	1995 corp program	wt from orig			13	13.00
	Recycling	Tires	175	ea	weekly	30% burned	40	lbs/avg car & tru	USEPA	54.6	54.60
	Source Red.	Tires	175	ea	weekly	25% burned	40	lbs/avg car & tru	USEPA	45.5	45.50
Subtotal (Tons)			113.10								
S-00-110 Packaging Store											
	Source Red.	Pallets	100.00	pallets	weekly	back to shippers	40	lbs/pallet	CIWMB	96	96.00
	Source Red.	Plastic Pkgs	10.00	lbs	weekly	reused packaging	wt from orig			0.26	0.26
Subtotal (Tons)			96.26								
S-00-111 Mail Box Store											
	Recycling	OCC	500	lbs	weekly					13	13.00
	Source Red.	OCC	300	lbs	weekly					7.8	7.80
	Source Red.	Pallets	5.00	pallets	weekly		40	lbs/pallet	CIWMB	5.2	5.20
Subtotal (Tons)			26.00								
S-00-113 Tire Store											
	Recycling	Tires	250	ea	weekly	30% burned	40.00	lbs avg car & tru	USEPA	78	78.00
	Source Red.	Tires	250	ea	weekly	25% reused	40.0	lbs avg car & tru	USEPA	65	65.00
Subtotal (Tons)			143.00								
S-00-114 Tire Store											
	Recycling	Tires	125	ea	weekly	30%burned	40.00	lbs avg car & tru	USEPA	39	39.00
	Source Red.	Tires	125	ea	weekly	25%reused	40.0	lbs avg car & tru	USEPA	32.5	32.50
Subtotal (Tons)			71.50								
S-00-116 Tire Store											
	Recycling	Tires	200	ea	montly	26% burned, 41% recycled	40.00	lbs avg car & tru	USEPA	32.4	32.40
	Source Red.	Tires	200.00	ea	montly	33% reused	40.0	lbs avg car & tru	USEPA	15.6	15.60
Subtotal (Tons)			48.00								
S-00-117 Automotive											
	Recycling	Scrap metal	3.555555556	cu yd	weekly	began 10 yrs ago	906.00	lb/cu yd	USEPA	83.75466667	83.75
	Recycling	OCC	6	boxed	daily	to scavenger	2.2	lbs/med box	CIWMB	2.0592	2.06
	Recycling	Al	1	32 gallon ba	weekly	to homeless people	14.60	lbs/32 gallon crush	LA County	0.3796	0.38
	Recycling	Glass	75	bottles est.	weekly	to homeless people	0.92	lb/12 oz. Bottle	USEPA	0.023833333	0.02
	Recycling	Plastic	75	bottles est	weekly	to homeless people	0.10	lbs/ 16 oz. bottle	UCLA Study	0.0026	0.00
	Source Red.	Pallets	1	pallet	weekly	Plus 500 lbs given to truck	40	lbs/pallet	CIWMB	1.29	1.29
Subtotal (Tons)			87.51								
S-00-118 Tire Store											
	Recycling	Othr metals	3.5	55 gal barrel	monthly	plus 6720 lbs/yr weights	226.50	lbs/barrel (55 gal)	USEPA	8.1165	8.12
	Recycling	Tires	350.00	ea	weekly	50% burned, 30% recycled	32.0	lbs/tire (avg car & tr	USEPA	87.36	87.36
	Source Red.	Tires	350.00	ea	weekly	20% reused	32	lbs/tire (avg car & tr	USEPA	58.24	58.24
Subtotal (Tons)			153.72								
S-00-119 Tire Store											
	Recycling	Othr metals	100	lbs	weekly		wt from orig sourc			2.6	2.60
Subtotal (Tons)											

Attachment	Subtotal (Tons)														
S-00-121	2.60														
	Recycling	Tires	800	ea	weekly	35% burned, 55% recyc	40.00	lbs avg car & tru	USEPA		748.8	748.80			
	Source Red.	Tires	800.00	ea	weekly	10% reused	40.0	lbs avg car & tru	USEPA	83.2		83.20			
	Subtotal (Tons)											832.00			
S-00-122	School District														
	Source Red.	Otr Org	5,852,610	sq ft	annually	grasscycling, see list of school district and reported numbers of lawn and turf.	0.35	lbs/sq ft	CIWMB		1024.21	1,024.21			
	Subtotal (Tons)											1,024.21			
S-00-123	Naval														
	Recycling	OCC	5.74	tons	***All per naval recycling reports.							5.74	5.74		
	Recycling	ONP	1.07	tons								1.07	1.07		
	Recycling	Paper	32.87	tons								32.87	32.87		
	Recycling	Al	25.89	tons								25.89	25.89		
	Recycling	Glass	0.14	tons								0.14	0.14		
	Recycling	Plastic	0.11	tons								0.11	0.11		
	Recycling	Wood	595	tons								595	595.00		
	Subtotal (Tons)											660.82			
S-00-125	US Post Offices														
	Recycling	Paper	5	tons	weekly	to PII Recycling					260	260.00			
S-00-02	Retail - Other														
	Recycling	OCC	6.22222222	cu yd comp	weekly	recycled fibers	400.00	lbs/cu yd co	USEPA		64.71111111	64.71			
	Recycling	Plastic	21	32 gal bag	weekly		4.80	lbs/32 gal bag	UCLA Study		2.6208	2.62			
	Source Red.	Pallets	262	pallets	weekly		40.00	lbs/pallet	CIWMB	272.48		272.48			
	Subtotal (Tons)											339.81			
S-00-51	Retail - Other														
	Recycling	OCC	12.44444444	cu yd	weekly	to corp for recycling	400.00	lbs/cu yd compacted	USEPA		129.4222222	129.42			
	Recycling	Paper	2	32 gallon bag	weekly	Shred It	25.41	lbs/33 gal bag	USEPA		1.32132	1.32			
	Recycling	Plastic	4.666666667	cu yd	weekly	to corp for recycling	75.96	lbs/cu yd semi compacted	Tellus		9.21644	9.22			
	Recycling	Tires	600	ea	weekly	35% burned; 55% recyc	60.00	lbs/ tire used avg car/truck	USEPA		514.8	514.80			
	Source Red.	Tires	600	ea	weekly	35% burned; 55% recyc	60.00	lbs/tire used avg car/truck	USEPA	93.6		93.60			
	Subtotal (Tons)											748.36			
											Subtotal Surveys	8,288.81	10,412.92	583.87	19,284.01
A-00-01	Manufacturing - Printing														
	Recycling	Al	10	cases	monthly		0.89	lbs/case uncrushed	USEPA		0.0534	0.05			
	Recycling	Fe									30	30.00			
	Recycling	Plastic	52	cartridges	annually		2.50	lbs/cartridge	USEPA		0.065	0.07			
	Source Red.	Plastic	10.37037037	cu yd	annually		9.62	lbs/cu yd soft foam	Tellus	0.049881481		0.05			
	Source Red.	Pallets	60	pallets	annually		40.00	lbs/pallet	CIWMB	1.2		1.20			
	Source Red.	Toner Cartridges	40	machines	annually										
	Subtotal (Tons)											31.37			
A-00-02	Manufacturing - Electronics														
	Recycling	OCC	40	cu yd	monthly	PH recycling	100.00	lb/cu yd uncompacted	CIWMB		24	24.00			
	Recycling	Paper	1	cu yd	weekly	PII recycling	755.00	lbs/cu yd	USEPA		19.63	19.63			
	Recycling	Othr metals	1000	lbs	annually	PH recycling					0.5	0.50			
	Recycling	Glass	125	gallons	monthly	est 3 bottles/gal	0.92	lb/12 oz bottle	USEPA		2.0625	2.06			
	Recycling	Plastic	125	gallons	monthly	est 3 bottles/gal	0.10	lbs/16 oz bottle	UCLA Study		0.225	0.23			

Attachment 9		Recycling	Green waste	1 acre	grasscycle		0.35	lbs/sq ft	CIWMB	-	7.623	-	7.62
		Source Red.	Paper	200 reams	monthly	s/r methods	5.00	lbs/ream	CIWMB	6.1	-	-	6.10
		Source Red.	Plastic	1 cu yd	monthly	plastic/elec wrap to PH recycling	35.00	yd	USEPA	1.03	-	-	1.03
		Source Red.	Wood	15.55555556 cu yd	annually	reuse	329.50	lbs/cu yd	Tellus	4.56277778	-	-	4.56
													-
													-
		Subtotal (Tons)		65.73									
A-00-03	Manufacturing - Electronics												
		Recycling	OCC	2 cu yd loose	weekly	Contra Costa Recyclers	100.00	lb/cu yd uncompactd	CIWMB	-	5.2	-	5.20
		Recycling	Paper	2 cu yd loose	weekly	Contra Costa Recyclers	755.00	lbs/cu yd	USEPA	-	39.26	-	39.26
		Recycling	Al	10 lbs	monthly	recyc by employees				-	0.06	-	0.06
		Recycling	Plastic	10 toner cartridges	annually	recycled	2.50	lbs/cartridge	USEPA	-	0.0125	-	0.01
		Source Red.	OCC	20 lg boxes	monthly	reused	4.40	lbs/lg box	CIWMB	0.528	-	-	0.53
		Source Red.	Othr metals	20 items	annually	donated (desks, filing cabinets)	184.75	lbs/desk	BUG	1.28225	-	-	1.28
		Source Red.	Plastic	5 lbs foam	monthly	reused	55.50	lbs/computer	UCLA Study	0.03	-	-	0.03
		Source Red.	Pallets	20 pallets	annually	annually	40.00	lbs/pallet	CIWMB	0.4	-	-	0.40
													-
		Subtotal (Tons)		46.77									
A-00-04	Manufacturing - Instruments												
		Source Red.	Pallets	5.5 pallets	monthly	returned	40.00	lbs/pallet	CIWMB	1.32	-	-	1.32
													-
		Subtotal (Tons)		1.32									
A-00-05	Rent - General												
		Recycling	OCC	37.03703704 cu yd balcd	weekly	Weyerhaeuser	400.00	lbs/cu yd compacted	USEPA	-	385.1851852	-	385.19
		Recycling	Othr metals	2 computers	monthly	to corp for recycling	55.50	lbs/computer	UCLA Study	-	0.666	-	0.67
		Recycling	Plastic	5 toner cartridges	annually	recycled	2.50	lbs/cartridge	USEPA	-	0.00625	-	0.01
		Source Red.	Pallets	50 pallets	weekly	weekly	40.00	lbs/pallet	CIWMB	52	-	-	52.00
													-
		Subtotal (Tons)		437.86									
A-00-06	Rent - Office												
		Recycling	Textiles	150 pieces	daily	clothing	1.00	lb/ea	Industry Est	-	19.5	-	19.50
		Source Red.	Plastic	200 hangers/ea	monthly	donated to cleaners	0.14	lbs/hanger	CIWMB	0.168	-	-	0.17
													-
		Subtotal (Tons)		19.67									
A-00-07	Rent - Office												
		Recycling	Clothing	3125 pieces	daily	different types of clothing	1.00	lb/ea	Industry Est/Regional Goodwill	-	568.75	-	568.75
		Recycling	Furniture	10 pieces	daily	small bookshelves, end tables, chairs	100.00	lbs/ca	Industry Est/Regional Goodwill	-	182.00	-	182.00
		Recycling	Household Items	30 boxes	daily	Avg for light applicances from LA Study	20.00	lbs/box	Industry Est/Regional Goodwill	-	98.28	-	98.28
		Recycling	Books	50 books	daily	Avg hardback, softback from LA study	1.48	lbs/ea	LA Study	-	13.42	-	13.42
		Recycling	Linens	10 per lb	daily	Avg sheets, towels, blankets	2.72	lbs/ea	LA Study	-	4.95	-	4.95
		Recycling	Appliances	0.5 each	daily	Avg washer, dryer, fridges	197.37	lbs/ea	LA Study	-	12.83	-	12.83
		Subtotal (Tons)		880.23									
A-00-08	Rent - Other												

Attachment 9		Source Red.	Textiles	8000 each	monthly	household items/consignment	1.53	lbs/ca	LA Study	73.44	-	-	73.44
Subtotal (Tons)		73.44											
A-00-09 Retail - Other													
	Recycling	OCC	5.925925926	cu yd/baled toner	weekly	recycled fibers	400.00	lbs/cu yd compacted	USEPA	-	-	61.62962963	61.63
	Recycling	Plastic	12	cartridges	annually	recycled	2.50	lbs/cartridge	USEPA	-	-	0.015	0.02
	Source Red.	OCC	7.5	boxes	weekly	reused, various sizes	2.20	lbs/med box	CIWMB	0.429	-	-	0.43
	Source Red.	Othr metals	15	computers	weekly	returned, damaged boxes	55.50	lbs/computer	UCLA Study	21.645	-	-	21.65
	Source Red.	Pallets	22.5	pallets	weekly	returned to vendor	40.00	lbs/pallet	CIWMB	23.4	-	-	23.40
Subtotal (Tons)		107.12											
A-00-10 Retail - Other													
	Recycling	Textiles	1000	ea	daily	clothing	1.00	lb/ea	Industry Est	-	-	130	130.00
	Recycling	Textiles	1	pieces	daily	furniture	100.00	lbs/piece	Industry Est	-	-	13	13.00
	Recycling	Textiles	22	totes	daily	household items	15.00	lbs/tote	Industry Est	-	-	38.61	38.61
	Recycling	Textiles	3	totes	daily	books	25.00	lbs/tote	Industry Est	-	-	9.75	9.75
	Recycling	Textiles	1	totes	daily	appliance	20.00	lbs/tote	Industry Est	-	-	2.6	2.60
Subtotal (Tons)		193.96											
A-00-11 Retail - Other													
Subtotal (Tons)		-											
A-00-12 Retail - Other													
	Source Red.	Pallets	10	pallets	monthly		40.00	lbs/pallet	CIWMB	2.4	-	-	2.40
Subtotal (Tons)		2.40											
A-00-13 Services - Medical													
	Recycling	Paper	3	cu yd	weekly	Valley WM scrap metal	755.00	lbs/cu yd	USEPA	-	-	114.14	114.14
	Recycling	Othr metals	160	cu yd	annually	furniture/donated	906.00	lbs/cu yd	USEPA	-	-	72.48	72.48
Subtotal (Tons)		186.62											
A-00-14 Services - Professional													
	Recycling	Plastic	6	cartridges	annually	recycled	2.50	lbs/cartridge	USEPA	-	-	0.0075	0.01
	Recycling	Wood	5	pallets	weekly	recycled	40.00	lbs/pallet	CIWMB	-	-	5.2	5.20
	Recycling	OCC	200	boxes	bi-weekly	various sizes/ reused by Mt. Diablo paper stock	2.20	lbs/med box	CIWMB	2.64	-	-	2.64
	Source Red.	Pallets	17	pallets	weekly	recycled	40.00	lbs/pallet	CIWMB	17.68	-	-	17.68
Subtotal (Tons)		25.53											
A-00-15 Services - Other Misc.													
	Source Red.	OCC	300	lbs	weekly	reused		wt from orig source docs		7.8	-	-	7.80
	Source Red.	Plastic	200	lbs	weekly	Ethan Allen receives 3 boxes of bubble wrap/wk and 1 box of styrofoam edge/wk		wt from orig source docs		5.46	-	-	5.46
Subtotal (Tons)		13.26											
Subtotal Audits:										223.56	1,861.71	-	2,085.27

Totals (for cert form):	8,512	12,275	584	21,369
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ATTACHMENT 10

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

POST-1990:

Restricted Waste Type	Ref. #	Specific Program name	Year started	Tonnage
Scrap Metal	S-00-106	Business recycling; Selling materials to local recycler	1996	10
Inert Solids	S-00-04	Business recycling of asphalt/concrete in pavement projects	1996	750
Scrap Metal	S-00-109	Business recycling; Selling materials to local recycler	1995	13
Scrap Metal	S-00-108	Business recycling; Selling materials to local recycler	1995	7
Scrap Metal	S-00-107	Business recycling; Selling materials to local recycler	1995	4
Scrap Metal	S-00-30	Business recycling; Selling materials to local recycler	1991	2418
Scrap Metal, Inert Solids	S-00-11	Business recycling; Selling scrap metal, recycling concrete	1990	1
Scrap Metal	S-00-117	Business recycling; Selling materials to local recycler	1991	84
Scrap Metal	A-00-01	Business recycling; Selling materials to local recycler	1998	30
Totals				3,317

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program. Instead please provide date of Board approval of preciously submitted information. _____ (Date)

If documentation is not available, go to 10d.

§ How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].

§ That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted

§ The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type		Specific Program Name	New base year or reporting year diversion

PRE-1990:

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Ref. #	Specific Program name	New base year or	1990 diversion tonnage	Difference
Inert Solids	C-00-01	Recycling of Asphalt by Public Works	7,667	2500	5167
Scrap Metal	S-00-29	Recycling of Scrap Metals by business	27	426 (overall)	0
Scrap Metal	S-00-83	Recycling of Scrap Metals by business	2.4		0
Scrap Metal	S-00-28	Recycling of Scrap Metals by business	11.4		0
Scrap Metal	S-00-49	Recycling of Scrap Metals by business	23.6		0
Sum Allowable Diversion:					5167