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 report year generation study 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, (MS-25)
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 shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification
All respondents must complete this section.

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: San Ramon		County: Contra Costa	
Authorized Signature:		Title: Division Manager	
Type/Print Name of Person Signing: Dorn Driggs		Date: 11/4/04	Phone ( ) Include Area Code: 925-973-2806
Person Completing This Form (please print or type): Teresa Lewandowski		Title: Associate	
Affiliation: Pacific Waste Consulting Group, 8801 Folsom Blvd. Ste. #105, Sacramento CA 95826			
Mailing Address: 2222 Camino Ramon P.O. Box 5148	City: San Ramon	State: CA	ZIP Code: 94583
E-Mail Address: tlewandowski@hotmail.com			

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 existing base year:	2. Proposed new generation-based study year:
1990	2003

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

Diversion information was obtained from the City, haulers, businesses, and recycling companies for the proposed generation study year. This information was verified to be representative of an average year for each business or company. The information was obtained by actual phone or on-site surveys and not via extrapolation methods.
The City has been expanding for the last several years and the development plan (11,000 homes, college, multiple commercial projects, and community centers) is expected to continue through 2010. As portions of the project are completed, they are annexed into the City. Residential and commercial recycling programs extend into all new developments.
This project has been described in detail to Board staff. For these reasons the City believes this study is representative.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	**a. 36 %**	**Diversion rate calculated using new generation-based study**	**b. 49%**
For existing base year pounds/person/day based on generation	**8.53**	**For new generation based study pounds/person/day based on generation**	**10.44**
Existing base year: Residential generation 49 % Non-Residential generation 51 %		**New generation based study: Residential generation 44 % Non-Residential generation 56 %**	
Population existing generation-based study	34,990	**Population new generation-based study**	46,950

5. Please explain how the new diversion rate is consistent with your current diversion implementation efforts and also explain the specific reasons for the difference.

The new diversion rate is representative of the program implementation efforts currently in place for both the residential and non-residential sectors. The difference from the existing base year to the new generation based study is due to the increase in programs after 1990 such as grasscycling at parks and facilities, composting promotion, implementation of the CREATE (Commercial Recycling Enhancement, Analysis, Training and Education) program, Community Environmental Mini-Grant Program, expanded curbside recycling to include additional materials (1996), multifamily recycling program (1992), City-sponsored drop-off site (1993), Commercial Recycling Transporter Permit Program, expanded school recycling (1997), commercial and residential green waste recycling, salvage at transfer station (1992), wood waste collection events (1998) and extensive outreach via print, media, and web site. The programs have resulted in increased diversion that has not been reflected in adjustment method diversion rate calculations.

6. If the proposed new generation tonnage results in an increase in your pounds per day, please explain how this is consistent with your current diversion implementaion efforts and provide examples (e.g., change in jurisdiction's demographics). In addition, If your pounds per person is over the state average of 11.2 pounds, please explain why.

There is an increase in pounds per person per day due to the increased generation tonnage, which is due to the City expanding physically and economically. The 2002 data shows a 62 percent increase in taxable sales and a 32 percent increase in population. The adjustment method diversion rate calculation has not reflected the increase in generation because of the decline in the County's economic factors, which has similarly affected many Bay Area jurisdictions, when the City's economic situation has actually been continuously increasing.

Section III - Disposal and Diversion Information

1. Disposal Tonnage (enter values):	22,314	23,224	45,538
	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 Number 2.)

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 www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with the new base year study.)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with the new base year study.)

2. 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 and percentage calculations). If any diversion is from restricted wastes, agricultural wastes,inert solids [e.g., concrete, asphalt, dirt, white goods, and scrap metal,] you must identify those programs and waste types and complete Section VI. Survey forms for the top ten businesses must be included as an attachment with the generation study year and should be identified as Attachment 4a.
(Note: The Board has indicated that total source reduction amounts greater than five percent will be scrutinized. Please be prepared to substantiate the amounts.)

Note: Detailed Non-Residential waste audit information for the top ten businesses surveyed must be included in Section IV.

Please use the Board's program types from the online glossary at:
http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm

Diversion Activity	Actual tons	Percent of Total Generation	Specific Material Type(s) (List program w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm	(A)	(A/Total Generation)			
Residential Source Reduction Activities					
Backyard composting	20	0%	Backyard composting bins: Yard waste and food waste.	Used SacCo. Compost Bin Model to determine number of bins in use from prior years. Conversion factor 600 lbs/yr/bin.	Report e-mailed from County.
Grasscycling					
Other Residential Source Reduction (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Source Reduction	20	0%			
Residential Recycling Activities					
Curbside Recycling	7,411	8%	Newspaper, paper, OCC, and aluminum, plastic, and glass containers.	Actual tons used.	Hauler reported information.
Buyback Centers	65	0%	Aluminum, plastic, and glass containers.	Actual tons used.	Department of Conservation report of tonnages.
Drop-off Centers	470	1%	Newspaper, paper, OCC, and aluminum, plastic, and glass containers.	Actual tons used.	Hauler reported information.
Other Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	7946	9%			
Residential Composting Activities					
Green Waste Drop-off	0	0%	Recycling Center green waste drop-off 680 tons (counted in ADC)	Actual tons used.	Hauler reported information.
Curbside Green Waste	0	0%	Curbside yard waste pick-up 8,014 tons (counted in ADC).	Actual tons used.	Hauler reported information.
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	0	0%			

Subtotal, Residential Diversion	7,964	9%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits	1,961	2%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Source Reduction (list each program separately)					
City grasscycling	1,029	1%	City grasscycling of City maintained parks, schools, and medians or other areas with grass.	Used calculation: 0.35 lbs/sq ft; 1 acre = 43,560 sq ft.	City provided reports.
Mulching Mower Sales	1.4	0%	County mulching mower sales.	Used CIWMB calculation: Average lawn generates 400 lbs of grass clippings per 1000 sq ft.	County provided report.
Subtotal, Non-Residential Source Reduction	2,991	3%			
Non-Residential Recycling Activities:					
Non-Residential Waste Audits	4,109	5%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Recycling (list each program separately)					
Commercial recycling by hauler.	1,827	2%	Newspaper, paper, OCC, and aluminum, plastic, and glass containers.	Actual tons used.	Hauler reported information.
San Ramon School District	100	0%	Cardboard, paper products, school haule materials to SMURF-IT Recycling Company	Actual tons used.	City provided reports.
City Tire recycling.	2	0%	Tires from City vehicles.	Actual tons used.	City provided reports.
Tire Recyclers	24	0%	Tires from commercial businesses.	Actual tons used.	Recycling companies provided reports.
Paper recyclers	328	0%	Paper material collected by recycling company.	Actual tons used.	Recycling companies provided reports.
Grease/tallow recyclers.	39	0%	Grease and tallow.	Actual tons used.	Recycling companies provided reports.
Cardboard recyclers	18	0%	Cardboard collected by recycling company.	Actual tons used.	Recycling companies provided reports.
Drywall recyclers.	10	0%	Drywall collected by recycling company.	Actual tons used.	Recycling companies provided reports.
Subtotal Non-Residential Recycling	6,487	7%			
Non-Residential Composting Activities					
Non-Residential Waste Audits	3,181	4%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Composting (list each program separately)					
Commercial yard waste	0	0%	Tonnages included in ADC (2,944 tons).	Actual tons used.	Hauler reported information.
Green waste recyclers	21	0%	Green waste collected by recycling companies.	Actual tons used.	Recycling companies provided reports.
Wood recyclers	302	0%	Wood materials collected by recycling companies.	Actual tons used.	Recycling companies provided reports.
Enter program name					
Subtotal Non-Residential Composting	3,484	4%			
Subtotal Non-Residential Diversion	12,932	14%			
Other Waste Material Activities					
(Note: If you are unable to provide the actual residential/non-residential split, please provide your best estimates of the split in each program type or put all the diversion under non-residential.					
Residential					
ADC					
Sludge (must submit sludge cert form)					
Scrap Metal					
Construction and Demolition					
Landfill Salvage					
Other (e.g., ag waste)					
Subtotal Residential Waste	0	0%			
Non-Residential					
ADC	10816	12%	Altamont landfill ADC.	Actual tons used.	DRS reports.
Sludge (must submit sludge cert form)					
Scrap Metal - automotive distribution chain				Actual tons used.	Business Survey.
Scrap Metal - recycling company	1	0%	Restricted wastes from business/recycling surveys after SRRE claimed tons removed (See Section IV)	Actual tons used.	Recycling Company provided report.
Construction and Demolition	2022	2%		Actual tons used.	Recycling Company provided report.
Construction and Demolition	7	0%		Actual tons used.	Recycling Company provided report.
Construction and Demolition	10,000	11%		Actual tons used.	Recycling Company provided report.
Landfill Salvage					
Other (e.g., ag waste)					

Subtotal Non-Residential Waste	22,846	25.6%			
Subtotal Residential/ Non-Residential Other Waste	22,846	25.6%			
Total Residential/Non-Residential Source Reduction Tons	3,012	3.4%			
Total Diversion Tons	43,744	49.0%			
Total Disposal Tons from Number 1	45,538	51.0%			
Total Generation Tons (Div+Dis)	89,282				
NEW GENERATION STUDY DIVERSION RATE	49%				
Additional Information for Report Year Calculations - Biomass and Transformation Activities (Keep you cannot claim both biomass and transformation.)					
Biomass (unless submit biomass cost form and must be 10% or less – use the calculator to calculate)					
Transformation					
Report Year Diversion Rate with Biomass or Transformation Credit					

Section IV - Specific Non-Residential Sector Waste Audits

1. Top 10 Non-Residential Generators

Please complete this table for the top ten non-residential businesses that were surveyed. **Use the business type in lieu of the specific business name.**(e.g., grocery store vs. Safeway) List each non-residential business separately from largest to smallest, based on total diversion tons. Audit reference number should be the same number used to identify businesses on the survey/audit sheets, and must correlate to the Section V spreadsheet.

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)	Restricted Waste Tons	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section III)	Survey Method Phone (P) Mail (M) On-site (O) Other ___
Grocery Store	S-03-04	Cardboard, produce, plastic, fat/meat/bone, and bakery/bread		18.14	1,162.64	1,361.90	2,542.68	2.8%	P
Grocery Store	S-03-18	Cardboard, produce, plastic, fat/meat/bone, and bakery/bread		3.74	232.75	1,190.38	1,426.87	1.6%	P
Grocery Store	S-03-11	Cardboard, produce, plastic, fat/meat/bone, waxy cardboard, and bakery/bread		109.35	188.66	608.82	906.83	1.0%	P
Concrete Supply	S-03-12	Concrete material	750.00				750.00	0.8%	P
Motor Distribution Center	S-03-09	Cardboard, paper, metal, wood, and plastic wrap.			586.30		586.30	0.7%	P
Retail	S-03-10	Cardboard			474.80		474.80	0.5%	P
Grocery Store	S-03-06	Cardboard, produce, plastic, fat/meat/bone, and bakery/bread		11.50	325.24		336.74	0.4%	P
Grocery Store	S-03-07	Cardboard, produce, plastic, fat/meat/bone, and bakery/bread		11.50	325.24		336.74	0.4%	P
Post Office	S-03-22	Paper			282.40		282.40	0.3%	P
Retail	S-03-17	Cardboard			273.00		273.00	0.3%	P
		Totals	750.00	154.24	3,851.02	3,161.10	7,916.36	8.9%	

Also complete Section V which includes all of the businesses surveyed. Use the type of business and audit reference number in lieu of the specific business name. For each business include the diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors and sources. Copies of the audit survey form(s) for each of the top ten businesses **must** be included as an attachment.

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Worksheet is unlocked to allow modification (e.g., , adding ten rows and a subtotal row to the table for each generator). If you have any questions, please contact your OLA Representative at (916 341-6199.

Non-Residential Generator Audit Diversion

Non-Residential Generator Survey/Audit Identification Number	Generator Type (Example: Grocery store, Hotel, manufacturing)	Material Type (Example: cardboard, glass, plastic, etc.)	Amount of Material	Units	Average Frequency	Notes	Specify Quantification Factor and Source in Annual Weight (Tons)	Reclaimed Waste (Tons)	Waste Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
S-03-01	Golf Course	Grass Cycling	80	Acres	1	1 acre = 43,560 sq ft.	0.35lbs/sq ft CIWMB		610			610
Subtotal -								-	610	-	-	610
S-03-02	Golf Course	Grass Cycling	92	Acres	1	1 acre = 43,560 sq ft.	0.35lbs/sq ft CIWMB		701			701
Subtotal -								-	701	-	-	701
S-03-03	Carpet Store	Carpet Scraps	5,000	Pounds	12	Union Recovery picks up carpet padding monthly (approximately 5,000 lbs/month)	84.4lbs/cu yd Tellus			30		30
Subtotal -								-	-	30	-	30
S-03-04	Grocery Store	Plastic Film(32 gallon bag)	8	bags	52	8-12 64 gallon bags sent to corporate weekly. Adjusted 64 gallon bags to 32 gallon bags for calculations	4.8lbs/each 32 gallon bag UCLA Study			2		2
		Cardboard (cu.Yd Comp)	18	bales	52	18-22 bales (7'X8'X3') sent to corporate weekly. 1 bale = 168 cu ft; 168 cu ft = 6.2 cu yd (source: convert-me.com). Used 18 bales in calculations to be conservative. Verified bale size with manager 9/17/04.	400lbs/cu yd CIWMB			1,161		1,161
		Bread, bulk	1	grocery cart	360	1-3 grocery carts (2.5'X1.5'X1.5') picked up daily by different organizations. 1 cart =5.6 cu ft. Used 1 cart in calculations to be conservative.	18lbs/cu ft FEECO		18			18
		Produce waste, mixed, loose	5	bins	52	5 bins (7'X7'X4') sent to farmers in Sacramento weekly. 1 bin = 196 cu ft; 196 cu ft = 7.26 cu yd (source: convert-me.com).	1443lbs/cu yd Tellus				1,362	1,362
		Fats, solid/liquid (Cooking oil)				Picked up by Salina's/Darling Tallow Company. Data entered with 'Recycler' information.	****			****		
		Meat, ground				Picked up by Salina's/Darling Tallow Company. Data entered with 'Recycler' information.	****			****		
Subtotal -								-	18	1,163	1,362	2,543
S-03-05	Golf Course	Grass Cycling	65	Acres	1	1 acre = 43,560 sq ft.	0.35lbs/sq ft CIWMB		495			495
Subtotal -								-	495	-	-	495
S-03-06	Grocery Store	Cardboard (cu.Yd Comp)	324	tons	1	Information taken from corporate report.	Actual tons			324		324
		Plastic Film(32 gallon bag)	1.24	tons	1	Information taken from corporate report.	Actual tons			1		1
		Bread, bulk	11.5	tons	1	Information taken from corporate report.	Actual tons		12			12
		Fats, solid/liquid (Cooking oil)	1.2	tons		Picked up by Salina's/Darling Tallow Company. Data entered with 'Recycler' information.	****			****		
		Meat, ground	4.8	tons		Picked up by Salina's/Darling Tallow Company. Data entered with 'Recycler' information.	****			****		
Subtotal -								-	12	325	-	337
S-03-07	Grocery Store	Cardboard (cu.Yd Comp)	324	tons	1	Information taken from corporate report.	Actual tons			324		324
		Plastic Film(32 gallon bag)	1.24	tons	1	Information taken from corporate report.	Actual tons			1		1
		Bread, bulk	11.5	tons	1	Information taken from corporate report.	Actual tons		12			12
		Fats, solid/liquid (Cooking oil)	1.2	tons	1	Picked up by Salina's/Darling Tallow Company. Data entered with 'Recycler' information.	****			****		

		Meat, ground	4.8	tons	1	information.	****			****		
Subtotal -								-	12	325	-	337
S-03-08	Pharmacy/Retail	Cardboard (cu.Yd Comp)	3	bales	52	3 bales (4'X3'X2') picked up weekly by local person/resident. 1 bale = 24 cu ft, 24 cu ft = .8889 cu yd (Source: convert-me.com).	400lbs/cu yd CIWMB			28		28
Subtotal -								-	-	28	-	28
S-03-09	Automotive Distribution Center	Cardboard (cu.Yd Comp)	453,000	Pounds	1	Corporate picks up monthly.	Actual weight used			227		227
		Scrap Metal	222,080	Pounds	1	Corporate picks up weekly.	Actual weight used	111				111
		Office Paper mixed(gal.)	25,500	Pounds	1	Corporate picks up weekly.	Actual weight used			13		13
		Plastic Scrap	2,347	Pounds	1	Corporate picks up monthly.	Actual weight used			1		1
		Wood Scrap, loose	216,000	Pounds	1	Pallets chipped bi-monthly by Biagini, chipped and sent to bio-fuel, deducted from Biagini total tons because it is not counted for diversion.	****			****		
		Pallets	469,665	Pounds	1	Pallets picked up by vendor in Tracy and reused.	Actual weight used			235		235
Subtotal -								111	-	475	-	586
S-03-10	Retail	Cardboard (cu.Yd Comp)	949,607	Pounds	1	Information taken from corporate report.	Actual weight used			475		475
		Lamps	2,250	Units	1	Taken from corporate report. Lamps are the flourescent lightbulbs recycled annually from the store.	****		****			
Subtotal -								-	-	475	-	475
S-03-11	Grocery Store	Cardboard (cu.Yd Comp)	10	bales	52	10-14 bales (3'X4'X4') sent to corp. weekly. 1 bale = 48 cu ft = 1.778 cu yd (Source: convert-me.com). 10 bales used in calculations to be conservative.	400lbs/cu yd CIWMB			185		185
		Plastic Film(32 gallon bag)	15	bags	52	15 bags (64 gallons) sent to corp. weekly. Adjusted 64 gallon bags to 32 gallon bags for calculations.	4.8lbs/each 32 gallon bag UCLA Study			4		4
		Bread, bulk	6	carts	360	6 grocery carts (2.5'X1.5'X1.5') donated to organizations daily. 1 cart = 5.625 cu ft.	18lbs/cu ft FEECO		109			109
		Produce waste, mixed, loose	1	pallet	360	1 pallet (5'x3'X4') sent back to corp. for composting daily. 1 pallet = 60 cu ft, 60 cu ft = 2.222 cu yd (Source: convert-me.com).	1443lbs/cu yd Tellus				577	577
		Meat, ground	55	gallon	12	Picked up by Salina's/Darling Tallow Company. Data entered with 'Recycler' information.	****			****		
		Cardboard (med)	80	boxes	360	Produce sent back to corporate on pallets in wax boxes, approx. 80 boxes per pallet.	2.2lbs/medium box CIWMB				32	32
Subtotal -								-	109	189	609	907
S-03-12	Concrete Material Supply	Concrete, Bulk	750	tons	1	All materials used in San Ramon taken to Volcan Materials in Pleasonton who crushes and reuses for road base. Counted with Recyclers data.	****	****				
Subtotal -								-	-	-	-	-
S-03-13	Hardware	Cardboard (cu.Yd Comp)	1	bale	52	1-2 bales (5'X6'X4') sent back to corp. weekly. 1 bale = 120 cu ft, 120 cu ft = 4.44 cu yd (Source: convert-me.com). Used 1 bale in calculations to be conservative.	400lbs/cu yd CIWMB			46		46
		Plastic Film(32 gallon bag)	1	tote	52	1-2 totes (3'X3'X3') sent back to corp. weekly. 1 tote = 27 cu ft, 27 cu ft = 202 gallon (Source: convert-me.com). Used 1 tote in calculations to be conservative.	4.8lbs/each 32 gallon bag UCLA Study			1		1
Subtotal -								-	-	47	-	47

S-03-14	Pharmacy	Cardboard (cu.Yd Comp)	32	tons	1	Information taken from corporate report, report per store in City. Three stores in City.	Actual tons			32		32
		Plastic Film(32 gallon bag)	0.3	tons	1	Information taken from corporate report, report per store in City. Three stores in City.	Actual tons			0		0
Subtotal -								-	-	32	-	32
S-03-15	Pharmacy	Cardboard (cu.Yd Comp)	32	tons	1	Information taken from corporate report, report per store in City. Three stores in City.	Actual tons			32		32
		Plastic Film(32 gallon bag)	0.3	tons	1	Information taken from corporate report, report per store in City. Three stores in City.	Actual tons			0		0
Subtotal -								-	-	32	-	32
S-03-16	Pharmacy	Cardboard (cu.Yd Comp)	32	tons	1	Information taken from corporate report, report for per store in City. Three stores in City.	Actual tons			32		32
		Plastic Film(32 gallon bag)	0.3	tons	1	Information taken from corporate report, report per store in City. Three stores in City.	Actual tons			0		0
Subtotal -								-	-	32	-	32
S-03-17	Retail	Cardboard (cu.Yd Comp)	7	bales	52	7-10 bales (5'X4.5'X4.5') Freemont DC Recycling company picks up weekly. 1 bale = 3.75 cu yd (Source: convert-me.com). Used 7 bales in calculations to be conservative.	400lbs/cu yd CIWMB			273		273
Subtotal -								-	-	273	-	273
S-03-18	Grocery	Cardboard (cu.Yd Comp)	5	bales	52	5-7 bales (4'X5'X6') Recycling company picks up weekly. 1 bale = 120 cu ft, 120 cu ft = 4.44 cu yd (Source: convert-me.com). Used 5 bales in calculations to be conservative.	400lbs/cu yd CIWMB			231		231
		Plastic Film(32 gallon bag)	2	bags	104	2 bags (120 gallons) sent back to corp. twice a week.	4.8lbs/each 32 gallon bag UCLA Study			2		2
		Produce waste, mixed, loose	2	pallets	360	2 pallets (5'X3'X4') sent back to corp. for composting daily. 1 pallet = 60 cu ft, 60 cu ft = 2.2 cu yd (Source: convert-me.com).	1443lbs/cu yd Tellus				1,143	1,143
		Cardboard (med)	120	boxes	360	120 wax boxes used for produce sent back daily on pallets, composted with food.	2.2lbs/medium box CIWMB				48	48
		Bread, bulk	60	gallons	52	60 gallons of food donated to organizations weekly. 60 gallon = 8 cu ft (Source: convert-me.com).	18lbs/cu ft FEECO		4			4
Subtotal -								-	4	233	1,190	1,427
S-03-19	Retail	Cardboard (cu.Yd Comp)	2	bales	52	2-3 bales (4'X3'X4') property management picks up weekly. 1 bale = 48 cu ft, 48 cu ft = 1.78 cu yd (Source: convert-me.com). Used 2 bales in calculations to be conservative.	400lbs/cu yd CIWMB			37		37
		White Ledger, compacted stacked	2	bales	52	2 bales (4'X3'X4') property management picks up weekly. 1 bale = 48 cu ft, 48 cu ft = 1.78 cu yd (Source: convert-me.com).	800lbs/cu yd USEPA			74		74
Subtotal -								-	-	111	-	111
S-03-20	Hospital	Cardboard (cu.Yd Comp)	3.2	tons	12	Average 3.2 tons picked up every 3rd Wednesday by Pacific Rim Recycling Company.	Actual tons			38		38
Subtotal -								-	-	38	-	38

S-03-21	Tire store	Tires (car)				Lakin picks up information already counted with Recyclers data.	****			****		
		Scrap Metal	5	gallons	3	Diablo Recycling picks up two 5 gallon buckets every 3-4 months for recycling. 5 gallon = .025 cu yd (Source: convert-me.com).	906lbs/cu yd USEPA	0.07				0
Subtotal -								-	-	0.00	0.00	0
S-03-22	Post Office	Mixed paper, loose (construction, fax, manilla, some chipboard)	12	hampers	156	Pleasant Hill recycling picks up 12-15 hampers (2.5'X3'X3') 3 times a week. 1 hamper = 22.5 cu ft, 22.5 cu ft = .83 cu yd (Source: convert-me.com). Used 12 hampers in calculations to be conservative.	363.5lbs/cu yd USEPA			282		282
Subtotal -								-	-	282	-	282
S-03-23	Library	Books (per each)	16,000	mixed books	1	The library holds 2 book sales during the year and 1 book give away during the year. Estimates were derived from the total of sales per event and the price per book ($7-8K per sale $2-3 K per give away; $1/paperback, $2/hardback, and $0.50/children's book).	1.475lbs/each Mixed books Tellus			12		12
		Cardboard (med)	50	boxes	26	Recycling program with the County. County picks up materials and brings to Martinas for processing. Materials picked up every 2 weeks.	2.2lbs/medium box CIWMB			1		1
		Mixed paper, loose (construction, fax, manilla, some chipboard)	10	bags	26	Recycling program with the County. County picks up materials and brings to Martinas for processing. Materials picked up every 2 weeks. 5 stands with ten, 15 gallon bags. 15 gallons = .074 cu yd (source: convert-me.com).	363.5lbs/cu yd USEPA			3		3
		Newspaper	13	Units	1	Recycling program with the County. Special pick up 2 times/year. 13 Newspaper subscriptions varies with frequency used weekly to be conservative. 13*52=676 newspapers. 24 newspapers = 12" stack (inhouse estimate).	35lbs/12" stack USEPA			0.5		0
		Magazines	400	Units	1	Recycling program with County. Special pick up 2 times/year. 400 magazine subscriptions; varies with frequency, used monthly to be conservative.	3lbs/10 units USEPA			1		1
Subtotal -								-	-	18	-	18
Grand Total								111	1,961	4,109	3,161	9,342

Restr	So Re	Rec	Com	Total
111	1,961	4,109	3,161	9,342

Conversion Factors

Al (32 gallon)	14.6lbs/32 gallon crush/uncrush LA County
Al (grocery bag)	1.5lbs/grocery bag CIWMB
Books (cu. Yd.)	478.395lbs/cu yd Mixed books Tellus
Books (per each)	1.475lbs/each Mixed books Tellus
Bread, bulk	18lbs/cu ft FEECO
Brick-a-brack, average	1.53lbs/each LA Study
Cardboard (cu.Yd Comp)	400lbs/cu yd CIWMB
Cardboard (cu.Yd.Uncomp)	100lbs/cu yd CIWMB

Cardboard (med)	2.2lbs/medium box CIWMB
Carpet Scraps	84.4lbs/cu yd Tellus
Clothing, mixed donations	30lbs/33 gallon LA County
Composting Bins	600lbs/year LA County
Computers	55.5lbs/each UCLA Study
Concrete, Bulk	100lbs/cu ft FEECO
Copper Scrap	1093.52lbs/cu yd Tellus
Desk - metal	184.75lbs/each BUG
Drum, 55 gallon	25lbs/each UCLA Study
Fats, solid/liquid (Cooking oil)	410lbs/55 gal drum USEPA
Glass Bottles, 12 oz.	0.91667lbs/each USEPA
Grass Cycling	0.35lbs/sq ft CIWMB
Magazines	3lbs/10 units USEPA
Meat, ground	50-55lbs/cu ft FEECO
Mixed paper, loose (construction, fax, manilla, some chipboard)	363.5lbs/cu yd USEPA
Newspaper	35lbs/12" stack USEPA
Office Paper mixed(gal.)	0.77lbs/gal USEPA
Office Paper(reams)	5lbs/each CIWMB
Pallets	40lbs/each CIWMB
Phone book	4lbs/Ventura USEPA
Plastic Bottles, 16 oz.	0.1lbs/each UCLA Study
Plastic Film semi-comp	75.96lbs/cu yd UCLA Study
Plastic Film(32 gallon bag)	4.8lbs/each 32 gallon bag UCLA Study
Plastic Scrap	35lbs/uncompacted cu yd USEPA
Plastic, bubble wrap	3lbs/33 gallon USEPA
Polystyrene, rigid, whole	21.76lbs/cu yd Tellus
Produce waste, mixed, loose	1443lbs/cu yd Tellus
Rock, loose	2570lbs/cu yd Tellus
Scrap Metal	906lbs/cu yd USEPA
Styrofoam Kernals	6.27lbs/cu yd Tellus
Tires (car)	20lbs/each USEPA
Tires (truck)	80lbs/each USEPA
Toner Cartridges	2.5lbs/each USEPA
Wheels (car)	15lbs/each Goodyear
White Ledger, compacted stacked	800lbs/cu yd USEPA
Wood Scrap, loose	329.5lbs/1 cu ft Tellus
Yard Sales	0.35tons/each CIWMB

Section VI - Restricted Waste

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 or generator, please provide the

1. If the diversion program started on or after January 1, 1990, complete the following table.
Note: *Specific Program Name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.".) Please input the complete program name with business type if*

Restricted Waste Type	Audit Reference Number	Specific Program Name	Year Started	Tonnage
Scrap Metal	**S-03-21**	**Tire store - wheel weights**	**1994**	**0.07**

2. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board, on a separate sheet marked "Attachment Section VI. 2", provide the documentation that indicates:

- 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]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: *If documentation for a waste type and program has already been approved by the Board, you do not have to provide an "Attachment Section VI.2" for that waste type and program.*
Instead please provide date of Board approval of previously submitted information. _____ (Da
If documentation is not available, go to Number 4.

3. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2" is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Audit Reference Number	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage

4. If the diversion program **started before January 1, 1990, and the documentation requested in Sect.VI.2 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.The1990 tonnage must be subtantiated.*

Restricted Waste Type	Audit Reference Number	Specific Program Name	New Base Year or Reporting Year	1990 Diversion Tonnage	Difference
Scrap Metal	S-03-09	Automotive distribution center-scrap metal	111.04	194 (overall)	1
Scrap Metal	R-03-06	Chip-It recycling - scrap metal	84		
Concrete	R-03-01	County Quarry - concrete/asphalt	2,022	0 (overall)	2,022
Concrete	R-03-12	Vulcan Materials Company - concrete/asphalt	10,000		10,000
Concrete	R-03-06	Chip-It recycling - concrete/asphalt	7		7
Total Scrap Metal			195.04	194	1.04
Total Concrete			12,029	0	12,029