

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, (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			
<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 Walnut Creek		County Contra Costa	
Authorized Signature <i>Janet Schneider</i>		Title Executive Director	
Type/Print Name of Person Signing Janet Schneider		Date 9/20-02	Phone () include Area Code (925) 906-1801
Person Completing This Form (please print or type) John Hanscom		Title Waste Prevention and Recycling Specialist	
Affiliation: Central Contra Costa Solid Waste Authority			
Mailing Address 1280 Civic Drive, Suite 210		City Walnut Creek	State CA
		ZIP Code 94596	
E-Mail Address authority@wastediversion.org			

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	2000

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

There were significant waste generation events in Walnut Creek during they year 2000. This study is only intended to calculate Walnut Creek's 2000 diversion rate and therefore has no effect on annual averages.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 43 %	Diversion rate calculated using new generation-based study	b. 47 %
For existing base year pounds/person/day based on generation	9.15	For new generation based study pounds/person/day based on generation	11.2
Residential generation 55 %	Non-Residential generation 45 %	Residential generation 55% %	Non-Residential generation 45% %
Population existing generation-based study	60569	Population new generation-based study	64700

5. If there is an increase from 4a to 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 diversion tonnage reported in Walnut Creek's 2000 generation study is directly reported from recycling companies and city agencies. Because these are actual tonnages from actual diversion programs we feel that the 47% diversion rate is consistent with our current diversion implementation efforts. We did not quantify other diversion programs such as xeriscaping, thrift stores, or private commercial source reduction programs.

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.)

The CCCSWA's diversion programs conducted on behalf of Walnut Creek contribute to the difference in the rates when the generation-based calculation is used rather than the disposal-based adjustment method. For example, in 2000 Walnut Creek was able to track 11,418 tons of asphalt and concrete diversion from their Capital Improvement Projects, which contributed about 6 percentage points to their diversion rate alone. Other Walnut Creek programs have been implemented and promoted through CCCSWA for many years.

7. Disposal Tonnage (enter values):	38868	31801	70669
	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 www.ciwmb.ca.gov/LGCentral/Foms/rytnmdrq.doc)

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/Foms/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,] 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 information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

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: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
	(A)	(A/Total Generation)			
Residential Source Reduction Activities					
Backyard composting	839	0.6%	green waste	2844 lbs year/per certified composting household (590 certified home composters) - User survey.	Survey Study (see attachment)- CCCSWA Offices
Grasscycling		0.0%			
Other Residential Source Reduction (list each program separately)					
Scheduled and on-call curbside reuse	177	0.1%	Luggage, musical instruments, books, rugs, sports equipment, textiles, decorative wood (eg., frames), small working appliances, and art supplies	Actual weight	Mandatory Hauler Reports available at CCCSWA office
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal, Residential Source Reduction	1016	0.8%			
Residential Recycling Activities					
Curbside Recycling	12512	9.4%	mixed recyclables (papers, plastics, aluminum, tin, and glass)	Actual weight	Mandatory Hauler Reports available at CCCSWA office
Buyback Centers		0.3%			
Drop-off Centers	352	#REF!	CRV containers (glass, aluminum, & plastic), paper and cardboard	Actual weight	Operator Records available at CCCSWA office

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: www.ciwm.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Other Residential Recycling (list each program separately)					
On-call recycling clean ups	130	0.1%	Excess bagged or bundled household recyclables such as OCC, glass, paper...etc	Actual weight	Mandatory Hauler Records available at CCCSWA office
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	12994	9.8%			
Residential Composting Activities					
Green Waste Drop-off	899	0.7%	green waste	Actual weight	Operator Records available at CCCSWA office
Curbside Green Waste	14449	10.9%	green waste	Actual weight	Mandatory Hauler Records available at CCCSWA office
Christmas Tree Program	95	0.1%	green waste	Actual weight	Mandatory Hauler Records available at CCCSWA office
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	15443	11.7%			
Subtotal, Residential Diversion	29453	22.2%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)					
Enter Program name					
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	0	0.0%			

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: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Recycling					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Commercial collection	11683	8.8%	Mixed recyclables (papers, plastics, aluminum, tin, and glass, C&D).	Actual weight	Mandatory Hauler Records available at CCCSWA office
City CIP C&D diversion	11418	8.6%	Concrete and Asphalt from public road building/repair.	Actual weight	Records from City Engineer available at CCCSWA office
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	23101	17.4%			
Non-Residential Composting Activities					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Grocerystore composting	552	0.4%	old produce - organic food waste	Compost Facility estimate 138 tons diverted per store, formula was also used to report residual in DRS and oked by CIWMB	Compost Facility records available at CCCSWA office
Green waste self-haul diverted at TS	166	0.1%	green waste	Actual weight	Operator Records available at CCCSWA office
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	718	0.5%			
Subtotal Non-Residential Diversion Residential/Non-Residential Diversion Activities	23819	18.0%			
ADC	8496	6.4%	green waste and C&D	Actual weight	DRS
Sludge					
Scrap Metal					
Construction and Demolition					
Landfill Salvage					
Subtotal Residential/ Non-Residential Diversion	8496	6.4%			
Total Res/Non-Res Source Reduction Tons	1016	0.8%			
Total Diversion Tons	61768	46.6%			
Total Disposal Tons from Sec. 7	70669	53.4%			
Total Generation Tons (Div+Dis)	132437				
Diversion Rate	47%				

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.

(Table will perform all addition calculations).

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 Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other _____
City CIP C&D diversion		Asphalt & Concrete grinding		11418		11418	8.6%	Actual Weight
Grocery store composting		Old produce composting			552	552	0.4%	DRS P/M
Totals				11418	552	11970	9.0%	

Also 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, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

Asphalt & Concrete Grindings were quantified using actual weights.

Old Produce Composting was quantified by using the same formula used to report residual wastes in DRS. The formula is determined by their backhauling tonnages.

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."

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids	City CIP C&D diversion	1991	11418
Inert Solids	Commercial collection (a portion of this is C&D)	1996	11683
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 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", 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.
- That 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 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.

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		
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				
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				

Central Contra Costa 2000 Home Composting Figures

The CCCSWA offers a home composting education program that includes free workshops, discount compost bins, and a garbage rate discount for certified home composters. In order to be certified as a home composter, households must complete forms and send in a photo of their home composting system. The certification lasts for one year, at which time the home composter must re-certify, or lose certification and the garbage rate discount. While most applications for certification are approved, some are not. The composting system must appear to be well maintained and safe.

In 2000, Bart Carr, the CCCSWA's composting consultant, surveyed all Central Contra Costa certified home composters. Using the composting amounts reported by residents, Bart determined that each home composting residence diverts, on average, 2844 lbs of material per year, or 237 lbs per month.

Table 1. Total number by city of certified composters actively composting in 2000

Year	Lafayette	Danville	Walnut Creek
2000	223	153	590