

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 City of American Canyon		County Napa	
Authorized Signature 		Title Public Works Director	
Type/Print Name of Person Signing Kevin VanKatwyk		Date 10/31/02	Phone () Include Area Code 707-647-4367
Person Completing This Form (please print or type) David Briggs		Title Waste Management Program consultant	
Affiliation: Contract Consultant			
Mailing Address 205 Wetlands Edge Rd.	City American Canyon	State CA	ZIP Code 94503
E-Mail Address kevin@ci.american-canyon.ca.us			

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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:

The City of American Canyon uses information it obtains from several activities that result in "waste diversion" as defined by the CIWMB. The three jurisdictions (City of Napa, County of Napa, and American Canyon) have used the same reporting and diversion allocation method since 1997. The method has shown stable results over this period.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. -12 %	Diversion rate calculated using new generation-based study	b. 51 %
For existing base year pounds/person/day based on generation	4.5	For new generation based study pounds/person/day based on generation	12.2
Residential generation 35 %	Non-Residential generation 65 %	Residential generation 35% %	Non-Residential generation 65% %
Population existing generation-based study 7,706		Population new generation-based study 9,774	

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).

There is an increase from 4a to 4b. The diversion rate is consistent with activities conducted or sponsored by local government and private entities and resulting in measureable diversion in the City of American Canyon during the reporting year. Data represents apportioned shares of measured amounts of materials diverted in activities monitored by staff of American Canyon Disposal Service, Napa County, Napa City, Syar Industries and the City of American Canyon. The reporting year data suggests an apparent increase in the pounds per person per day. The City does not find any relevance in this figure, since data in the initial waste generation study has proven of little value in diversion calculations. Base year generation values were calculated when the local landfill disposal reporting and diversion quantification systems were relatively undeveloped.

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 difference between rates the City has presented in 4a and 4b is greater than 5 percentage points. It is unclear to the City why the two values are so widely disparate. One contributing factor may be that the base year values did not reflect adequately the actual conditions in the community in the early 1990's. Another may be that diversion causing activities undertaken by private concerns have added substantially to the amount of (measureable) materials remaining in the area.

7. Disposal Tonnage (enter values):	3708 <small>Residential</small>	6946 <small>Non-Residential</small>	10654 <small>Total</small>
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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 with 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/Pans/Codes/Reduce.htm					
Residential Source Reduction Activities					
Backyard composting	0	0.0%			
Grasscycling	0	0.0%			
Other Residential Source Reduction (list each program separately)					
	0	0.0%			
Enter program name	0	0.0%			N. A.
Enter program name	0	0.0%			
Enter program name	0	0.0%			
Enter program name	0	0.0%			
Subtotal, Residential Source Reduction	0	0.0%			
Residential Recycling Activities					
Curbside Recycling	379	1.7%	ONP, OCC, glass, mixed paper, HDPE, PET, tin cans, aluminum cans	Actual Tonnage Records - Residential Curbside Recycling (ACDS only)	ACDS Records at City Public Works Department Office
Buyback Centers	0	0.0%			
Drop-off Centers	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.ciwmbo.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Other Residential Recycling (list each program separately)					
Wood waste collection (ACDS)	564	2.6%	wood waste only - biomass fuel to Ultrapower	Actual Tonnage Records - MRF Composting Facility - Wood Waste only	ACDS Record at City Public Works Department Office
ACDS Collection (Inerts)	173	0.8%	dirt and concrete	Actual Tonnage Records - MRF Composting & Recycling Facility	ACDS Records at City Public Works Department Office
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	1118	5.1%			
Residential Composting Activities					
Green Waste Drop-off	206	0.9%	Yardwaste	Measured amounts - MRF Composting Facility - "Buy-In" Drop-off only	Company Report at City Public Works
Curbside Green Waste	501	2.3%	Yardwaste	Measured amounts - MRF Composting Facility record - Curbside Service	ACDS Records at City Public Works Department Office
Christmas Tree Program			Christmas Trees (part of yardwaste figure above)	Measured at MRF composting facility	N.A. - not claimed as separate tonnage figure
Other Residential Composting (list each program separately)					
	0	0.0%			
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	707	3.3%			
Subtotal, Residential Diversion	1823	8.4%			
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 Comeration 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.ciwrmb.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 (ACDS)	723	3.3%	ONP, OCC, glass, mixed paper, HDPE, PET, tin cans, steel, toilets, aluminum cans	Actual Tonnage Records - Commerical Recycling Service (ACDS only)	ACDS Records
Commercial Collection (ACDS) - Biomass Wood Waste only	1047	4.8%	wood waste only - biomass fuel to Ultrapower	Actual Tonnage Records - Commerical Recycling Service (ACDS only) + MRF Composting & Recycling Facility	ACDS Records
ACDS Collection (Inerts)	321	1.5%	dirt and concrete	Actual Tonnage Records - Commerical Recycling Service (ACDS only) + MRF Composting & Recycling Facility	ACDS Records
Buy-In Recycling	940	4.3%	ONP+OCC+aluminum cans+glass	Actual Tonnage Records - Private Recycler (Buy-In - Actual Customer Tonnage)	Company Records
Asphalt, Concrete Recycling	4539	20.9%	concrete and asphalt	Measured tonnage allocated by regional formula	Road Materials Manufacturer report at City Public Works
Subtotal Non-Residential Recycling	7570	34.9%			
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)					
Green Waste Drop-Off	382	1.8%	Yardwaste (Landscapers, etc.)	Actual Tonnage Records - MRF Composting Facility - (Buy-In drop-off only)	Private recycling company report at City Public Works
Commercial (ACDS) Greenwaste	933	4.3%	Yardwaste & Produce Trimmings	Actual Tonnage Records - MRF Composting Facility	ACDS Records
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	1315	6.1%			
Subtotal Non-Residential Diversion	8885	41.0%			
Residential/Non-Residential Diversion Activities					
ADC	0	0.0%	Not Claimed	N.A.	N.A.
Sludge	0	0.0%	Not Claimed	N.A.	N.A.
Scrap Metal					
Construction and Demolition	151	0.7%	metal, OCC, concrete, dirt, yardwaste	Actual Tonnage Records - Mixed Waste Recycling program for Roofer - C & D Debris at MRF	Company Records
Landfill Salvage	175	0.8%	wood waste only - biomass fuel to Ultrapower	Actual Tonnage Records - Mixed Waste Recycling program for Roofer - C & D Debris at MRF	Company Records
Subtotal Residential/Non-Residential Diversion	326	1.5%			
Total Res/Non-Res Source Reduction Tons	0	0.0%			
Total Diversion Tons	11034	50.9%			
Total Disposal Tons from Sec.7	10634	49.1%			
Total Generation Tons (Div+Dis)	21668				

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/Parks/Codes/Reduce.htm	(A)	(A/Total Generation)			
Diversion Rate	51%				

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 _____
Road material manufacturer		Concrete & Asphalt		4539		4539	20.9%	
Totals				4539		4539	20.9%	

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).

Representatives of the City of American Canyon, and Napa City and County allocate aggregate tonnage data for the privately owned road construction materials recovery and processing facility to the three contributing source jurisdictions. They use a mutually acceptable percentage formula that corresponds to each jurisdiction's share of total annual disposal at the regional (Devlin Road) Transfer Station. The percent share for the City of American Canyon in 2000 was 11.5%. The road construction materials company managers record weights of materials received at their processing site over the course of the year and provide a summary report to local agencies. The records are available for review at the City of American Canyon Public Works Department.

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	▼ ACDS Collection (Toilets, Dirt, and Concrete)	1995	497
Inert Solids	▼ Napa City/Garbage Service Demolition Debris Pilot (Concrete,Dirt)	1999	84
Scrap Metal	▼ Napa City/Garbage Service Demolition Debris Pilot	1999	35
Scrap Metal	▼ ACDS Collection (Steel)	1995	16
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
Inert Solids	▼ Recycled concrete, asphalt (regional data)	43930	12461	39537
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	▼			

Business Audit Diversion for the City of American Canyon: 2000 Generation Study										
Reference Number	Business Type	Diversion Activity	Material Type	Amount of Material	Units	Conversion Factor	Source Reduction	Recycling	Composting	Total Tons
1	Road Base Manufacturer	Recycling	Concrete and Asphalt	4,539	Tons	Actual weight		4,539		4,539.00
Total				4,539	Tons			4,539		4,539.00