

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	County		
Cathedral City	Riverside		
Authorized Signature	Title		
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Person Completing This Form (please print or type)	Title		
Deanna Pressgrove	Environmental Conservation Manager		
Affiliation:	City of Cathedral City		
Mailing Address	City	State	ZIP Code
68-700 Avenida Lalo Guerrero	Cathedral City	CA	92234-7031
E-Mail Address	dpressgrove@cathedralcity.gov		

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 generation study year is a typical year. The purpose of the generation study is to determine the diversion rate by quantifying disposal and diversion to determine generation and the percent diversion for 2000.

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	10.65	For new generation based study pounds/person/day based on generation	14.57
Residential generation 22 %	Non-Residential generation 78 %	Residential generation 16% %	Non-Residential generation 84% %
Population existing generation-based study 30085		Population new generation-based study 38,650	

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 rate is based on a full enumeration of known diversion programs in the City of Cathedral City. The increase in pounds per person per day is due to new programs related to generation and diversion of greenwaste, bulky items and inerts. Specific programs have included the Civic Center parking structure and the bridge demolition associated with the reconstruction of Vista Chino.

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.)

Full enumeration of known diversion programs results in an increase in the diversion rate of more than 5 percentage points over the diversion according to the secondary data approach of the online diversion rate calculator. The rate derived from the diversion rate calculator is unrealistically low for Cathedral City, both from the standpoint of the adjustment factors used in the formula, and the actual diversion as obtained through full enumeration of all known diversion programs.

7. Disposal Tonnage (enter values):	8300	43572	51872
	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/Forms/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/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,] 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/Panjs/Codes/Reduce.htm					
Residential Source Reduction Activities					
Backyard composting					
Grasscycling		0.0%			
Other Residential Source Reduction (list each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal: Residential Source Reduction	0	0.0%			
Residential Recycling Activities					
Curbside Recycling	1384	1.3%	Cardboard, newspaper, plastic, paper, glass, metals	Actual Tonnage	Hauler records, City offices
Buyback Centers	1325	1.3%	Plastic, glass, metals	Actual Tonnage	DOC records, City offices
Drop-off Centers					

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					
Other Residential Recycling (list each program separately)					
Special collections and seasonal	893	0.9%	Paper, greenwaste, bulky items, Christmas trees, other	Actual Tonnage	Hauler records, City offices
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	3802	3.5%			
Residential Composting Activities					
Green Waste Drop-off	3	0.0%	Grass clippings, leaves, small branches	Actual Tonnage	Hauler records, City offices
Curbside Green Waste	4705	4.6%	Grass clippings, leaves, small branches	Actual Tonnage	Hauler records, City offices
Christmas Tree Program					Hauler records, City offices
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	4707	4.6%			
Subtotal, Residential Diversion	8309	6.1%			
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)					
Golf course grasscycling	4831	4.7%	Grass clippings	7.62 tons per acre, CIWMB	City files, City offices
City grasscycling	267	0.3%	Grass clippings	7.62 tons per acre, CIWMB	City files, City offices
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	5098	5.0%			

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 recycling, including rolloff accounts	1126	1.1%	Cardboard, newspaper, plastic, paper, glass	Actual Tonnage	Hauler records, City offices
City government recycling	64	0.1%	Paper, greenwaste	Actual Tonnage	City files, City offices
Concrete/asphalt/rubble	13484	13.2%	Concrete, asphalt, rubble	CIWMB Diversion Study Guide concrete and asphalt volume to weight conversion factors	City files, City offices
Subtotal Non-Residential Recycling	14675	14.3%			
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)					
Commercial on-site greenwaste pickup	20	0.0%	Grass clippings, leaves, small branches	Actual Tonnage	Hauler records, City offices
Commercial self-haul greenwaste	8705	8.5%	Grass clippings, leaves, small branches	Actual Tonnage	City files, City offices
Enter program name					
Subtotal Non-Residential Composting	8725	8.5%			
Subtotal Non-Residential Diversion Residential/Non-Residential Diversion Activities	28497	27.8%			
ADC	12589	12.3%	Alternative daily cover, greenwaste	CIWMB Disposal Reporting System	CIWMB disposal reporting data, City offices
Sludge					
Scrap Metal	1243	1.2%	Metals	Actual Tonnage	Hauler Records, City Offices
Construction and Demolition					
Landfill Salvage					
Subtotal Residential Non-Residential Diversion	13632	13.5%			
Total Res/Non-Res Source Reduction Tons	5998	5.0%			
Total Diversion Tons	50638	49.4%			
Total Disposal Tons from Sec.7	51872	50.6%			
Total Generation Tons (Div+Dis)	102510				
Diversion Rate	49%				

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 _____
Totals								

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).

Grasscycling: conversion factor of 7.62 tons per acre
 Asphalt: 50 pounds per cubic foot
 Concrete: 100 pounds per cubic foot

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 cold planing and road overlay	2000	1096
Inert Solids	▼ Palm Springs Unified School District	2000	3090
Inert Solids	▼ Bridge widening project	2000	1494
Inert Solids	▼ World Products	1998	5585
Inert Solids	▼ City parking structure	2000	1494
Pull Down for Waste Types	▼ PLEASE SEE ATTACHMENT 1 FOR ADDITIONAL ENTRIES		

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	▼			

ATTACHMENT 1
Continuation of Restricted Waste Information
City of Cathedral City 2000 Generation Based Analysis

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert solids	Bonded Rigging	2000	189
Metal	Palm Springs Unified School District	2000	300
Metal	Palm Springs Recycling	1990	940
Metal	Waste Management Rolloff Recycling	1990	4
Inert		1990	926.7

Attachment 9						
Audit Diversion for the City of Cathedral City: Calendar Year 2000						
Ref. No.	Program	Diversion Activity	Material Type	Generator	Conversion Factor and Source	Original Tons
A-1.1	1000-SR-XGC	Source red.	Greenwaste	Golf course grasscycling	7.62 tons per acre, CIWMB	4,831.1
A-1.2	1000-SR-XGC	Source red.	Greenwaste	City grasscycling	7.62 tons per acre, CIWMB	266.7
A-2.1	1060-SR-MTE	Source red.	Other	Thrift stores	Actual tonnage, 100% survey	0 263
A-3.1	2000-RC-CRB	Recycling	Cardboard	Waste Management curbside program	Actual tonnage, City and hauler records	280.1
A-3.2	2000-RC-CRB	Recycling	Newspaper	Waste Management curbside program	Actual tonnage, City and hauler records	799.3
A-3.3	2000-RC-CRB	Recycling	Mixed	Waste Management curbside program	Actual tonnage, City and hauler records	103.3
A-3.4	2000-RC-CRB	Recycling	HDPE	Waste Management curbside program	Actual tonnage, City and hauler records	19.5
A-3.5	2000-RC-CRB	Recycling	PET	Waste Management curbside program	Actual tonnage, City and hauler records	8.3
A-3.6	2000-RC-CRB	Recycling	Other plastic	Waste Management curbside program	Actual tonnage, City and hauler records	10.4
A-3.7	2000-RC-CRB	Recycling	Aluminum	Waste Management curbside program	Actual tonnage, City and hauler records	2.8
A-3.8	2000-RC-CRB	Recycling	Tin	Waste Management curbside program	Actual tonnage, City and hauler records	1.8
A-3.9	2000-RC-CRB	Recycling	Glass	Waste Management curbside program	Actual tonnage, City and hauler records	158.4
A-4.1	2020-RC-BYB	Recycling	Cardboard	Buyback centers	Actual tonnage, DOC records	2.7
A-4.2	2020-RC-BYB	Recycling	Newspaper	Buyback centers	Actual tonnage, DOC records	0.1
A-4.3	2020-RC-BYB	Recycling	HDPE	Buyback centers	Actual tonnage, DOC records	73.5
A-4.4	2020-RC-BYB	Recycling	PET	Buyback centers	Actual tonnage, DOC records	83.1
A-4.5	2020-RC-BYB	Recycling	Aluminum	Buyback centers	Actual tonnage, DOC records	218.1
A-4.6	2020-RC-BYB	Recycling	Glass	Buyback centers	Actual tonnage, DOC records	948.3
A-5.1	2030-RC-OSP	Recycling	Cardboard	Waste Mgt. commercial recycling	Actual tonnage, City and hauler records	337.8
A-5.2	2000-RC-CRB	Recycling	Newspaper	Waste Mgt. commercial recycling	Actual tonnage, City and hauler records	49.9
A-5.3	2000-RC-CRB	Recycling	Mixed	Waste Mgt. commercial recycling	Actual tonnage, City and hauler records	168.6
A-5.4	2000-RC-CRB	Recycling	Office Sort	Waste Mgt. commercial recycling	Actual tonnage, City and hauler records	4.0
A-5.5	2000-RC-CRB	Recycling	HDPE	Waste Mgt. commercial recycling	Actual tonnage, City and hauler records	0.9
A-5.6	2000-RC-CRB	Recycling	PET	Waste Mgt. commercial recycling	Actual tonnage, City and hauler records	0.1
A-5.7	2000-RC-CRB	Recycling	Other	Waste Mgt. commercial recycling	Actual tonnage, City and hauler records	0.8
A-5.8	2000-RC-CRB	Recycling	Tin	Waste Mgt. commercial recycling	Actual tonnage, City and hauler records	1.8
A-5.9	2000-RC-CRB	Recycling	Glass	Waste Mgt. commercial recycling	Actual tonnage, City and hauler records	2.3
A-6.1	2080-RC-GOV	Recycling	Office Sort	City office paper recycling	Actual tonnage, City records	5.2
A-6.2	2080-RC-GOV	Recycling	Greenwaste	City palm tree recycling	City records	58.5
A-6.3	2080-RC-GOV	Recycling	Inerts	City cold planing	City records, inerts conversion factors	1,000.0
A-6.4	2080-RC-GOV	Recycling	Other	City battery recycling	City records, battery conversion factor	0.4
A-7.1	2070-RC-SNL	Recycling	Mixed paper	Waste Mgt. commercial recycling	Actual tonnage, City and hauler records	6.8
A-7.2	2070-RC-SNL	Recycling	Greenwaste	Waste Mgt. Christmas tree recycling	Actual tonnage, City and hauler records	18.4
A-7.3	2070-RC-SNL	Recycling	Bulky items	Waste Mgt. furniture recycling	Actual tonnage, City and hauler records	614.7
A-7.4	2070-RC-SNL	Recycling	Other	Waste Mgt. appliance recycling	Actual tonnage, City and hauler records	252.7
A-8.1	2090-RC-OTH	Recycling	Cardboard	Waste Mgt. rolloff recycling	Actual tonnage, City and hauler records	148.6
A-8.2	2090-RC-OTH	Recycling	Metal	Waste Mgt. rolloff recycling	Actual tonnage, City and hauler records	3.5
A-8.3	2090-RC-OTH	Recycling	Greenwaste	Waste Mgt. rolloff recycling	Actual tonnage, City and hauler records	387.3
A-8.4	2090-RC-OTH	Recycling	Wood	Waste Mgt. rolloff recycling	Actual tonnage, City and hauler records	44.1
A-8.5	2090-RC-OTH	Recycling	Inerts	Waste Mgt. rolloff recycling	Actual tonnage, City and hauler records	926.7
A-9.1	3000-CM-RCG	Composting	Greenwaste	Waste Mgt. curbside residential	Actual tonnage, City and hauler records	4,704.6
A-9.2	3010-CM-RSG	Composting	Greenwaste	Waste Mgt. dropoff	Actual tonnage, City hauler records	2.5
A-9.3	3020-CM-COG	Composting	Greenwaste	Waste Mgt. commercial pickup	Actual tonnage, City and hauler records	19.5
A-9.4	3030-CM-CSG	Composting	Greenwaste	Premier Gardening	Actual tonnage, City and yard records	1,525.1
A-9.5	3030-CM-CSG	Composting	Greenwaste	Southern California Recycling	Actual tonnage, City and yard records	7,145.7
A-9.5	3030-CM-CSG	Composting	Greenwaste	California Biomass	Actual tonnage, City and yard records	34.6
A-10.1	4060-SP-CAR	Recycling	Metal	Palm Springs Unified School District	School letter	300.0
A-10.2	4060-SP-CAR	Recycling	Metal	Palm Springs Recycling	Actual tonnage, City and yard records	939.6
A-10.3	4060-SP-CAR	Recycling	Inerts	Palm Springs Unified School District	School letter	3,090.0
A-10.4	4060-SP-CAR	Recycling	Inerts	Bridge widening project	Actual tonnage, City records	1,493.5
A-10.5	4060-SP-CAR	Recycling	Inerts	World products	Actual tonnage, City and yard records	5,585.0
A-10.6	4060-SP-CAR	Recycling	Inerts	City parking structure project	Contractor records, inerts conversion factor	1,104.6
A-10.7	4060-SP-CAR	Recycling	Inerts	City road overlay	City records, inerts conversion factors	95.6
A-10.8	4060-SP-CAR	Recycling	Inerts	Bonded Rigging	Actual tonnage, contractor records	188.8
A-11.1	5030-ED-OUT	Recycling	Other	S.C.R.A.P. Gallery	Actual tonnage, gallery records	0 37.5
A-12.1	6020-PI-ORD	Recycling	Metal	City junk jalopy program	Actual tonnage, City records	0 84.0
A-13.1	7040-FRI-ADC	Alt. daily cov	Greenwaste	Alternative daily cover	CIWMB Disposal Reporting System	12,589.0
A-14.1	8000-TR-WTE	Waste to energ	Greenwaste	COLMAC self haul	CIWMB Disposal Reporting System	0 -553.0
					TOTAL DIVERSION	50,838.8 51,576.1
					TOTAL DISPOSAL	51,872.0
					TOTAL GENERATION	102,510.6 103,448.1
					DIVERSION PERCENTAGE	49% 50%