

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 South San Francisco		County San Mateo	
Authorized Signature		Title	
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Person Completing This Form (please print or type)		Title	
Affiliation:			
Mailing Address	City	State	ZIP Code
E-Mail Address			

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 has undertaken the preparation of a new waste generation study in order to more fully and accurately access the City's diversion rate. 2000 is the state-mandated reporting year.	

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 35 %	Diversion rate calculated using new generation-based study	b. 25 %
For existing base year pounds/person/day based on generation	13.33	For new generation based study pounds/person/day based on generation	12.2
Residential generation 27 %	Non-Residential generation 73 %	Residential generation 16% %	Non-Residential generation 84% %
Population existing generation-based study 54,312		Population new generation-based study 62,600	
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).			
According to the most recent PARIS report, the City has implemented 26 diversion programs since 1990. These efforts, and those of the private sector, are not appropriately reflected in the City's current diversion rate. The 2000 Waste Generation Study identified previously undocumented diversion through site visits and surveys of the City's commercial businesses and surveys of materials handlers and solid waste facilities. The increase in the pounds per person per day is a result of the increase in the diversion activities since 1990.			
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 City has implemented a significant number of diversion programs since 1990 and the 2000 Waste Generation Study has identified previously undocumented diversion by the City's private sector.			

7. Disposal Tonnage (enter values):	20059 Residential	85815 Non-Residential	105874 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/Paris/Codes/Reduce.htm					
Residential Source Reduction					
Activities					
Backyard composting	196	0.1%	Green waste, food waste	700 lbs/family/year	Written report prepared by City staff.
Grasscycling		0.0%			
Other Residential Source Reduction (list each program separately)					
Diaper Service	9	0.0%	Diapers	1000 lb/baby/year	Written report prepared by City staff.
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal, Residential Source Reduction	205	0.1%			
Residential Recycling Activities					
Curbside Recycling	2099	1.5%	glass, plastic, metals, paper	Actual weight	Franchise Hauler reports
Buyback Centers	389	0.3%	Glass, plastic, aluminum, bi-metal	Actual weight	Department of Conservation recycling reports.
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.clwmb.ca.gov/LG/Central/Paris/CoDes/Reduce.htm					
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	2488	1.8%			
Residential Composting Activities					
Green Waste Drop-off					
Curbside Green Waste	273	0.2%	Green waste	Actual weight	Franchise Hauler reports
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	273	0.2%			
Subtotal, Residential Diversion	2866	2.1%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits*	3801	2.7%	See Section 9	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)					
Thrift Stores and Food Banks	1019	0.7%	Clothing and misc. reused items	Actual weight and various for individual items from Diversion Study Guide.	Consultant Phone Survey (did not include white goods)
City in-house source reduction	741	0.5%	Grasscycling (97.2 acres @ 739 tons), paper, cardboard, supplies, toner cartridges	City Survey	Consultant Survey
Enter program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	5561	4.0%			

Table 1 Documented Diversion by Generator

City of South San Francisco 2000

Ref. No.	City	Source	Type of business	Category	Matl. Type	Method	Qty.	Unit	Freq.	Conversion Factor	Tons /Period	Tons/Yr
					OCC	SR	264.00	lbs	week	box=2.2 lb	0.13	6.86
					meat scrap	recycling	1,200.00	lbs	week	actual weight	0.60	31.20
					damaged goods	SR	60.00	lbs	week	actual weight	0.03	1.56
					plastic racks	SR	315.00	lbs	week	rack=1.5 lbs	0.16	8.19
					pallets	SR	5,740.00	lbs	week	pallet=40 lbs	2.87	149.24
					Food	SR	3,093.00	lbs	month	actual weight	1.55	18.56
JHSV03	SSF		Wholesale	Commercial	Pallets	SR	5,000.00	lbs	week	pallet=40 lbs	2.50	130.00
JHSV04	SSF		Concrete Mfg.	Commercial	concrete	SR	270,000.00	lbs	week	actual weight	135.00	7,020.00 0
					concrete	recycling	1,200.00	tons	week	actual weight	1,200.00	1,200.00 0
					pallets	SR	180.00	lbs	week	pallet=40 lbs	0.09	4.68 0
					bulk storage tanks	SR	8,333.00	lbs	week	actual weight	4.17	216.66 0
JHSV05	SSF		Retail	Commercial	OCC	recycling	125,000.00	lbs	month	actual weight	62.50	750.00 995.50
					damaged goods	SR	2,450.00	lbs	week	actual weight	1.23	63.78 62.40
					Food	SR	1,100.00	lbs	week	actual weight	0.55	28.60
					Tires	recycling	12,000.00	lbs	week	tire=20 lbs	6.00	312.00
					meat scrap	recycling	4,912.76	lbs	week	1 c.f.=52.5 ft	2.46	127.73 74.62
					produce waste	SR	100.00	lbs	week	actual weight	0.05	2.60
					pallets	SR	18,000.00	lbs	week	pallet=40 lbs	9.00	468.00 0
					bulk cleaning supp	SR	49.50	lbs	year	gallon jug=.3	0.02	0.02 0
JHSV06	SSF		Supermarket	Commercial	produce waste	composting	2,000.00	lbs	week	actual weight	1.00	52.00 73.00
					OCC	recycling	8,750.00	lbs	week	actual weight	4.38	227.50 217.20
					film plastic	recycling	210.00	lbs	week	actual weight	0.11	5.46
					plastic crates	SR	1,260.00	lbs	week	crate=2.5 lbs	0.63	32.76 0
					plastic racks	SR	270.00	lbs	week	rack=1.5 lbs	0.14	7.02 0
					OCC	SR	594.00	lbs	week	box=2.2 lb	0.30	15.44 1.14
					metal racks	SR	1,280.00	lbs	week	actual weight	0.64	32.28 0
					pallets	SR	6,000.00	lbs	week	pallet=40 lbs	3.00	156.00 0
					meat scrap	recycling	600.00	lbs	week	actual weight	0.30	15.60 34.90
					damaged goods	SR	1,800.00	lbs	week	actual weight	0.90	46.80 15.60
JHSV07	SSF		Retail	Commercial	OCC	recycling	7,000.00	lbs	week	actual weight	3.50	182.00
					damaged goods	SR	2,500.00	lbs	week	actual weight	1.25	65.00
					Tires	recycling	10,000.00	lbs	week	tire=20 lbs	5.00	260.00
					pallets	SR	10,500.00	lbs	week	pallet=40 lbs	5.25	273.00 0
					OCC	SR	7,700.00	lbs	week	box=2.2 lb	3.85	200.20 0
LPSV8	SSF		Bread Mfg.	Commercial	cardboard	recycling	143.00	tons	year	2.2 lbs each	143.00	143.00
					wood pallets	SR	54.08	tons	year	40 lbs each	54.08	54.08 24.00
					bread	SR	130.00	tons	year	5,000 lbs/wk.	130.00	130.00
					grease	recycling	68.58	tons	year	1500 gal tank	68.58	68.58
					linens	SR	9.10	tons	year	# units	9.10	9.10 0
					plastic totes	SR	2.20	tons	year	42.3 lbs each	2.20	2.20 0
					mini plastic pallets	SR	240.00	tons	year	8 lbs each	240.00	240.00 0
					dough	SR	845.00	tons	year	18 lb cft.	845.00	845.00 0
					dough/bread	recycling	5,742.54	tons	year	20 yd. compac	5,742.54	5,742.54 1127.63
LPSV9	SSF		Printer	Commercial	cardboard	recycling	7.8	tons	year	300 lbs/wk	7.80	7.8
					paper	recycling	66	tons	year	5.5 tons/mo.	66.00	66

(5)

Table 1 Documented Diversion by Generator

City of South San Francisco 2000

Ref. No.	City	Source	Type of business	Category	Matl. Type	Method	Qty.	Unit	Freq.	Conversion Factor	Tons /Period	Tons/Yr
LPSV3	SSF		Retail Grocer	Commercial	cardboard box/wor	recycling	526.35	tons	year	1.1 lb each	526.35	526.35 0
					wood pallets	SR	1170	tons	year	900/day, 40 ft	1,170.00	1170 0
					damaged goods	SR	16.6	tons	year	15 cases/day	16.60	16.6
					compost	composting	166.66	tons	year	89.03 lb/case	166.66	166.66
					tallow	recycling	45.3	tons	year	1595 lb cyd.	45.30	45.3
					cardboard bales	recycling	83.2	tons	year	400 lb each	83.20	83.2
					wax cardboard box	SR	27.3	tons	year	2.2 lb each	27.30	27.3
					plastic trays	SR	0.83	tons	year	4 lb tray	0.83	0.83
					plastic crates	SR	3.3	tons	year	1 lb each	3.30	3.3
					other plastic crates	SR	884	lbs	year	1 lb each	0.44	0.442
LPSV4	SSF		Envelope Mfg.	Commercial	misc. film plastics	recycling	4.4	tons	year	4.8 lb, 32 gal	4.40	4.4
					shredded office pap	recycling	67.9	tons	year	87 lb crate	67.90	67.9
					loose stacked OCC	recycling	23.18	tons	year	50.08 lb cyd.	23.18	23.18
					pallets	SR	31.2	tons	year	40 lbs each	31.20	31.2
LPSV5	SSF		Food Mfg.	Commercial	55gal drums	SR	2.1	tons	year	35 lbs each, 1'	2.10	2.1
					mixed paper bales	recycling	36.4	tons	year	400 lb each	36.40	36.4
					wood pallets	SR	52	tons	year	40 lbs each	52.00	52
					tallow	recycling	50.7	tons	year	1595 lb cyd.	50.70	50.7
					food waste/overbal	SR	1000	lbs	year	actual weight	0.50	0.5
					food waste	SR	54.6	tons	year	300 lbs/day	54.60	54.6
					food scraps	recycling	5.2	tons	year	200 lbs/wk.	5.20	5.2
					food waste/overbal	SR	3.64	tons	year	20 lbs/day	3.64	3.64
					large plastic crates	SR	312	tons	year	3 lbs each	312.00	312
					small plastic crates	SR	6.5	tons	year	1 lb each	6.50	6.5
					other plastic crates	SR	10.4	tons	year	1 lb each	10.40	10.4
					5 gal buckets	SR	0	tons	year	1 lb each		
					5 gal buckets	SR	27.3	tons	year	1 lb each	27.30	27.3
					LPSV6/JHS	SSF		Cardboard Mfg.	Commercial	corrugated bales	recycling	9815.472
corrugated bales(w	recycling	222	tons	year						actual weight	222.00	222 0
plastic 5gal bucket	SR	21.6	tons	year						5 lb bucket	21.60	21.6
chipped plastic str	recycling	14.7	tons	year						actual weight	14.70	14.7
pallets (various siz	SR	1300	tons	year						1000/day, 40	1,300.00	1300 0
OCC	SR	592,800.00	lbs	month						actual weight	296.40	2,556.80 0
metal strapping	recycling	1,812.00	lbs	month						1 c.y. = 906 lb	0.91	10.87 0
LPSV7	SSF		Paint Mfg.	Commercial	cardboard	recycling	64.2	tons	year	actual weight	64.20	64.2 9.84
					computer paper	recycling	0	tons	year		0.00	0
					computer paper	recycling	7.8	tons	year	actual weight	7.80	7.8
					Supersacs, bulk ba	recycling	1.08	tons	year	4 lbs each	1.08	1.08 0
					wood pallets (2 ty)	SR	450	tons	year	40 lbs each	450.00	450 0
					pallets	SR	83.55	tons	year	40 lbs each	83.55	83.55 0
					plastic & steel 55g	SR	25.65	tons	year	30 lbs each av	25.65	25.65 0
					Plastic Fives Pails	SR	167.97	tons	year	655 lbs each	167.97	167.97
					Plastic shrink wrap	recycling	23.4	tons	year	actual weight	23.40	23.4
					OCC	recycling	3,850.00	lbs	week	actual weight	1.93	100.10
JHSV01	SSF		Supermarket	Commercial	produce waste	composting	2,800.00	lbs	week	actual weight	1.40	72.80
					film plastic	recycling	95.00	lbs	week	actual weight	0.05	2.47

Table 1 Documented Diversion by Generator

City of South San Francisco 2000

Ref. No.	City	Source	Type of business	Category	Matl. Type	Method	Qty.	Unit	Freq.	Conversion Factor	Tons /Period	Tons/Yr
					broken wood pallet	recycling	48 tons	year		200/mo.	48.00	48
					aluminum cans	recycling	0.38 tons	year		14.6 lb bag	0.38	0.38
					aluminum plates	recycling	13.5 tons	year		actual weight	13.50	13.5
					print paper	SR	0 tons	year			0.00	0
Total Tonnage from Site-Visits											41,452.45	
Landfill Diversion												
LPLF1	SSF	Ox Mountain Landfill	Landfill	Commercial	greenwaste	recycling	272.69 tons	year		actual weight	272.69	272.69
					ADC	recycling	1,267.02 tons	year		actual weight	1,267.02	1267.02
RALF1	SFF	Zanker	Landfill	Commercial	C & D	recycling	0.43 tons	year		actual weight	0.43	0.43
Total Tonnage from Landfill Diversion											1,540.14	
Franchise Hauler												
RA1	SSF	South San Francisco Scavenger	Franchised hauler	Residential	Aluminum	recycling	26.53 tons	year		actual weight	26.53	26.53
RA2	SSF			Residential	Cardboard	recycling	556.39 tons	year		actual weight	556.39	556.39
RA3	SSF			Residential	Glass	recycling	647.03 tons	year		actual weight	556.39	556.39
RA4	SSF			Residential	HDPE	recycling	115.9 tons	year		actual weight	647.03	647.03
RA5	SSF			Residential	Newspaper	recycling	4497.88 tons	year		actual weight	115.90	115.9
RA6	SSF			Residential	Office paper	recycling	17.08 tons	year		actual weight	17.08	17.08
RA7	SSF			Residential	PET	recycling	89.89 tons	year		actual weight	89.89	89.89
RA8	SSF			Residential	Tin	recycling	130.76 tons	year		actual weight	89.89	89.89
RA9	SSF	South San Francisco Scavenger	Franchised hauler	Commercial	Cardboard	recycling	911.97 tons	year		actual weight	130.76	130.76
RA10	SSF			Commercial	Aluminum	recycling	16.83 tons	year		actual weight	16.83	16.83
RA11	SSF			Commercial	Cardboard	recycling	2523.02 tons	year		actual weight	2,523.02	2523.02
RA12	SSF			Commercial	Glass	recycling	4.15 tons	year		actual weight	4.15	4.15
RA13	SSF			Commercial	HDPE	recycling	18.37 tons	year		actual weight	18.37	18.37
RA14	SSF			Commercial	Newspaper	recycling	246.89 tons	year		actual weight	246.89	246.89
RA15	SSF			Commercial	PET	recycling	0.85 tons	year		actual weight	0.85	0.85
RA16	SSF			Commercial	Tin	recycling	24.48 tons	year		actual weight	24.48	24.48
Total Tonnage for Franchise Hauler											5,064.45	
Total Diversion											93,243.62	
Total Disposal											105,706.50	
Unaccounted tonnage											12,462.88	
Percentage											46.87%	
Generation											198,950.12	
Population											62,600	
Pounds generated per capita											17.41	