STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 2: Generation Study - Includes Extrapolation of Residential or Non-Residential 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

Mail completed documents to:

California Integrated Waste Management Board
1001 I Street, 9th Floor
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.

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

Jurisdiction Name **Orange**		County **Orange**	
Authorized Signature		Title Public Works Director/City Engineer	
Type/Print Name of Person Signing		Date	Phone ( )
Harry W. Thomas		28-Jan-02	(714) 744-5545
Person Completing This Form (please print or type)		Title	
Jamie Herbon		Administrative Analyst II	
Affiliation:	City of Orange		
Mailing Address	City	State	ZIP Code
300 E. Chapman Avenue	Orange	California	92866
E-mail address	jherbon@cityoforange.org		

Section II: Information for New Generation-Based Study

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 proposed generation study year is representative of both diversion and disposal occurring annually within the City. Diversion tonnage was obtained through a detailed assessment of diversion activities within the City. Many steps were taken to gather data that reflect current and future activities within the City. On-site non-residential waste audits were conducted to better assess the current waste reduction and recycling practices in the City. Care was taken to not double count and to use conservative estimates. Diversion rate using CIWMB adjustment method is inaccurate for various reasons. One such reason is because it does not take into account the effect of ongoing Caltrans freeway projects in the City. Such projects are expected to continue through 2006. The impact of these ongoing projects is accounted for in the new generation-based study year.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	**a. 32 %**	**Diversion rate calculated using new**	**b. 54 %**
For existing base year pounds/person/day based	**13**	**For new generation based study**	**20**
Residential 50 % Non-Residential	**50 %**	**Residential 14 % Non-Residential**	**86 %**
Population existing generation-based study	**110,658**	**Population new generation-based study**	**129,940**

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation

The new diversion rate is consistent with current diversion efforts including green waste and mixed recyclables curbside collection, multi-family recyclables collection, business sector waste reduction and recycling efforts, and other policies, ordinances, and outreach efforts. The City conducted a detailed technical outreach and assistance waste auditing program to numerous businesses and institutions within the City, and uncovered considerable amounts of diversion as well as implementing new programs. Much of the business sector information was unknown during the initial solid waste study in 1990. In addition, other new diversion efforts have been implemented since 1990. The change in per capita generation is due to improved data collection and capture provided by the 2000 waste generation study and improved reporting by recyclers and haulers.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons

The difference is due to the effectiveness of the new programs that the City has put in place and the partnership that has been created through the City and its franchise waste hauler, Waste Management of Orange County. The City is also constantly improving its programs. One such example would be the continued technical assistance provided for businesses in the City. Data collected from on-site surveys are reviewed for potential new programs. The use and the reporting of ADC has been encouraging. And lastly, the City has taken efforts to document the recycling and reuse efforts of its businesses which was not previously documented. The City seeks to continually improve their recycling tonnage reporting system. The following are just several examples of the many proactive steps taken by the City which would account for the difference in diversion rates.

2000 Generation Summary Chart
City of Orange

		Tons	% of Total	Total	Not Counted	Foot Note
Disposal						
	Residential -- Need to get information from WM	39,687	8.35%			
	Non-Residential	179,938	37.85%			
TOTAL DISPOSAL				219,625		
Residential Diversion						
Rcy	2000-RC-CRB Residential Curbside Recycling	12,567	2.64%			
Comp	3000-CM-RCG - Residential Curbside Yard Waste	14,740	3.10%			
TOTAL RESIDENTIAL DIVERSION				27,306		
Commercial Diversion						
SR	Non-Residential Audits - Extrap. SR	15,193	3.20%			
SR	Non-Residential Audits - Non-Extrap. SR	597	0.13%			
SR	1000-SR-XRG - Grasscycling Government	751	0.16%			
SR	1040-SR-SCH - School Source Reduction - Grasscycling	1,638	0.34%			
SR	1050-SR-GOV - State Facility Source Reduction	610	0.13%			4
SR	1050-SR-GOV - County Facility Source Reduction	51.5	0.01%			1
SR	7010-FR-LAN - Landfill Salvage	269.8	0.06%			
Rcy	Non-Residential Audits - Extrap. Recycling	41,810	8.80%			
Rcy	Non-Residential Audits - Non-Extrap. Rcy.	4,756	1.00%			
Rcy	Non-Extrap. Restricted Materials (Metals)	1,997	0.42%			
Rcy	Non-Residential Audits - Extrap. Composting	1,710	0.36%			
Rcy	Department of Conservation Buy-Back	1,044	0.22%			
Rcy	2030-RC-OSP - Commercial On-Site Pickup	320	0.07%			3
Rcy	2050-RC-SCH - School Recycling	272	0.06%			
Rcy	2060-RC-GOV - State Facility Recycling	39	0.01%			
Rcy	2060-RC-GOV - County Facility Recycling	12	0.00%			1
Rcy	2060-RC-GOV - City Facility Recycling	25	0.01%			
Rcy	4050-SP-WDW - Wood Waste	1,012	0.21%			
Rcy	4060-SP-CAR - Concrete/Asphalt/Rubble	139,355	29.32%			
Rcy	9020-HH-CSC - Curbisde Collection of Used Motor Oil	6	0.00%			
Rcy	7040-FR-ADC - ADC/other	13,376	2.81%			
Comp	3010-CM-RSG - Self Haul Green Waste	2,687	0.57%			
Comp	3040-CM-FWC - Food Waste Composting	887	0.19%			2
TOTAL COMMERCIAL DIVERSION				228,418		
TOTAL RESIDENTIAL AND COMMERCIAL DIVERSION				255,724		
TOTAL GENERATION (DISPOSAL + DIVERSION)				475,349		
DIVERSION PERCENTAGE				54%		

1 Orange County Theo Lacy Facility
2 No double-counting with composting extrapolated. Composting data recorded in audits are only from supermarkets.
3 actual OCC tonnage from the Block at Orange and the Mall of Orange
4 Tonnage for state facilities taken from CIWMB website. State Organization and Agency Recycling Database

7. Disposal Tonnage: (enter values)

39,687	179,938	219,625
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 Modification Request and

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at

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

* Please provide detailed non-residential waste audit 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

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm	Actual tons (A)	Estimated or extrapolated tons (B)	Total tons (A+B)	Relative Percent to Total Generation (A+B)/Total Generation	Specific material type(s) (List programs with multiple materials together)	Specific conversion factor used (if any) and Source	Type of record and location of record
Residential Activities:							
Source Reduction							
Other residential source reduction (list each program separately)							
Enter program name							
Enter program name							
Enter program name							
Enter program name							
Enter program name							
Subtotal Res. Source Reduction	0	0	0				
Recycling							
Curbside Recycling	12,567	N/A	12,567	2.6%	Mixed paper and mixed containers.		Tonnage report - Franchise hauler
Department of Conservation Buy-Back Centers	1,044				Comprised of CRV beverage containers		Tonnage Report - Department of Conservation
Subtotal Residential Recycling	13,611		12,567	2.6%			
Composting							
Curbside Yard Waste	14,740	N/A	14,740	3.1%	Greenwaste		Tonnage report - Franchise hauler
Subtotal Residential Composting	14,740		14,740	3.1%			
Subtotal Residential Diversion	28,351	0	27,307	5.7%			
Non-Residential Activities:							
Source Reduction							
Non-residential Waste Audits*	597	15,193	15,790	3.3%	See Section 9	See Section 9	See Section 9
Other non-residential source reduction (list each program separately)							

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/IGCentral/PARIS/Codes/Reduce.htm	Actual tons (A)	Estimated or extrapolated tons (B)	Total tons (A+B)	Relative Percent to Total Generation (A+B)/Total Generation	Specific material type(s) (List programs with multiple materials together)	Specific conversion factor used (if any) and Source	Type
1000-SR-XRG - Grasscycling Government	751	N/A	751	0.2%		6.5 tons/acre/yr (University of California, Riverside: Cooperative Extension)	Volume Report - City Manager's Office.
1040-SR-SCH - School Source Reduction - Grasscycling	1,638	N/A	1,638	0.3%		6.5 tons /acre/yr (University of California, Riverside: Cooperative Extension)	Volume Report - School Maintenance Department.
1050-SR-GOV - State Facility Source Reduction	610	N/A	610	0.1%	Business source reduction and material exchange		CIWMB State Organization and Agency Recycling Database
1050-SR-GOV - County Facility Source Reduction	52	N/A	52	0.0%	Comprised of cardboard, plastic containers, pallets, grasscycling, textile		Waste audit of Theo Lacy Jail Facility
Subtotal Non-Residential Source Reduction	**3,848**	**15,193**	**18,841**	**4.0%**			
Recycling							
Non-residential Waste Audits*	4,756	41,810	46,566	9.8%	See Section 9	See Section 9	See Section 9
Other non-residential recycling (list each program separately)							
2030-RC-OSP - Commercial On-Site Pickup	320	N/A	320	0.1%	Comprised of OCC		Actual OCC tonnage from the Block at Orange and the Mall of Orange - Tonnage Report - Franchise hauler.
2050-RC-SCH - School Recycling	272	N/A	272	0.1%	Comprised of mixed paper and cardboard.		Tonnage Report - Franchise hauler.
2060-RC-GOV - State and Federal Facility Recycling	39	N/A	39	0.0%	Comprised of plastics, tires, special collection events		CIWMB State Organization and Agency Recycling Database
2060-RC-GOV - County Facility Recycling	12	N/A	12	0.0%	Comprised of cardboard, grease		Waste audit of Theo Lacy Jail Facility

Activity Please use the Board's program types. The program type glossary is online at http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm	Actual tons (A)	Estimated or extrapolated tons (B)	Total tons (A+B)	Relative Percent to Total Generation (A+B)/Total Generation	Specific material type(s) (List programs with multiple materials together)	Specific conversion factor used (if any) and Source	Type o[illegible]
2060-RC-GOV - City Facility Recycling	25	N/A	25	0.0%	Comprised of office paper		Tonnage Report - Franchise hauler.
4050-SP-WDW - Wood Waste	1,012	N/A	1,012	0.2%	Wood waste		Tonnage Report - West Coast Arborists
9020-HH-CSC - Curbside Collection of Used Motor Oil	6	N/A	6	0.0%	Used motor oil		Tonnage Report - City
Subtotal Non-Residential Recycling	**8,442**	**41,810**	**47,932**	**10.1%**			
Composting							
Non-residential Waste Audits*		1,710	1,710	0.4%	**See Section 9**	**See Section 9**	**See Section 9**
Other non-residential composting (list each program separately)							
3010-CM-RSG - Self Haul Green Waste	2,687	N/A	2,687	0.6%	Greenwaste		Tonnage Report - Franchise hauler.
3040-CM-FWC - Food Waste Composting	887	N/A	887	0.2%	Comprised of tortilla scraps, oranges		Tonnage Report - City recycling permit reporting system
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Subtotal Non-Residential Composting	**3,574**	**1,710**	**5,284**	**1.1%**			
Subtotal Non-Residential Diversion	**13,664**	**58,713**	**72,057**	**15.2%**			
Residential/Non-residential Diversion Activities							
ADC	13,376	N/A	13,376	2.8%	Soil,dirt, and greenwaste. Use of ADC began in 1998.		Tonnage report - Disposal Reporting System
Scrap metal	1,997	N/A	1,997	0.4%	scrap metal, aluminum	906 lbs/cy (USEPA)	Volumes obtained from on-site business audits. All volumes are new programs since 1990 and/or the increase after 1990.
Construction and demolition	139,355	N/A	139,355	29.3%			
Landfill Salvage	270	N/A	270	0.1%			Tonnage report - Franchise hauler
Subtotal Residential/Non-Residential Diversion	**154,998**		**158,572**	33.4%			
Total Res/Non-Res Source Reduction Tons	**3,648**	**15,193**	**18,841**	4.0%			
Total Diversion Tons	**197,013**	**58,713**	**255,726**	**54%**			
Total Disposal Tons from Sec.7	219,625		**219,625**	**46.2%**			
Total Generation (Div+Dis)	416,638	**58,713**	**475,351**				
Diversion Rate				**54%**			

11. For each restricted waste type [(i.e. agricultural waste, inert solids (e.g. concrete, asphalt, dirt, etc.), scrap metals and white goods

a. If the diversion program started on or after January 1, 1990, complete the following table:

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inerts	Caltrans highway	1999	135,530
Inerts	Direct hauled C&D loads	2000	1,942
Scrap metal	Non Extrapolated Restricted Materials (scrap metals)	1990	822
pull down for waste types			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 11b, provide the following
please provide date of Board approval of previous submitted information.) _____ (Date)
If documentation is not available, go to 11d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling

c. If the diversion program started before January 1, 1990, and the documentation requested in 11b is available (but not yet approved

Restricted Waste Type	Specific Program Name	New base year or reporting year

d. If the diversion program started before January 1, 1990, and the documentation requested in 11b is not available, please complete

Restricted Waste Type	Specific Program name	New base year or	1990 diversion	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				

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
1	fitness/workout club	no activity								-
	fitness/workout club									-
2	Trade show exhibits	OCC recycled		2,400.00				4.0/large box	USEPA	1.20
	Trade show exhibits	Pallets reused	480.00					40lbs/5 trips per pallet	USEPA	0.24
	Trade show exhibits		480.00	2,400.00						1.44
3	property management	no activity								-
	property management									
4	mfg flightpanels	Computer paper		22,438.00				519.4lbs/cy	given by business	11.22
	mfg flightpanels	White ledger		10,469.09				1cy=363.51lbs	TELLUS	5.23
	mfg flightpanels	Double sided white ledger	523.45					5% of 10469 lbs	given by business	0.26
	mfg flightpanels	Super reuse	10,800.00					7.5lbs/bucket	given by business	5.40
	mfg flightpanels	Plastic drums	750.00					15 lbs/bucket	given by business	0.38
	mfg flightpanels	Rubber		150,000.00				150000lbs/yr	given by business	75.00
	mfg flightpanels	Pallet reuse	18,460.00					7.1 lbs/fixed pallet	USEPA	9.23
	mfg flightpanels	Pallets fixed	2,880.00					Pallet=40lbs/2 trips	USEPA	1.44
	mfg flightpanels	Firewood	8,567.78					1% of 856778lbs	given by business	4.28
	mfg flightpanels	Toner cartridge		150.00				2.5lbs/toner cartridge	USEPA	0.08
	mfg flightpanels	Toner cartridge		18.00				0.1lbs/cartridge	given by business	0.01
	mfg flightpanels		41,981.23	183,075.09						112.53
5	freight company	pallet recycling		120,000.00				40 lbs/pallet	USEPA	60.00
	freight company	fax cartridge return	22.50					2.5 lbs/each	USEPA	0.01
	freight company	retread tires annually	9,600.00					2/3 weight of 80 lb truck tire	USEPA	4.80
	freight company		9,622.50	120,000.00						64.81
6	Paint manufacturer	Switch from kraft bags	7,200.00					50 paper sacks=1lbs	USEPA	3.60
	Paint manufacturer	sell old fiber drums	5,400.00					15 lbs/drum	field weight	2.70
	Paint manufacturer	plastic bucket reuse	494.00					1.9 lbs/5 glln bucket	USEPA	0.25
	Paint manufacturer		13,094.00							6.55
7	grocery store	recycle OCC		255,500.00				700 lbs/bale	USEPA	127.75
	grocery store	reuse plastic 5 gal bucket	790.40					1.9 lbs/bucket	USEPA	0.40
	grocery store	recycle film plastic		7,176.45				22.55 lbs/cy	Tellus	3.59

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	grocery store	recycle meat renderings		7,800.00				57 lbs/cf	FEECO	3.90
	grocery store	recycle grease		21,307.00				7.45 lbs/gal	USEPA	10.65
	grocery store	plastic totes displace OCC	5,720.00					2.2 lbs/box	USEPA	2.86
	grocery store	bread donations	3,650.00					18 lbs/cf	FEECO	1.83
	grocery store	OCC - reuse	20,020.00					2.2 lbs/box		10.01
	grocery store	pallet reuse	47,840.00					40 lbs/ pallet	USEPA	23.92
	grocery store		78,020.40	291,783.45						184.90
8	grocery store	recycle OCC		522,402.40				700 lbs/bale	USEPA	261.20
	grocery store	recycle film plastic		1,300.00				22.55 lbs/cy	Tellus	0.65
	grocery store	pallet reuse	20,800.00							
	grocery store			523,702.40						261.85
9	window/doors remodeling	recycle office paper		1,141.14				.77 lbs/gal	USEPA	0.57
	window/doors remodeling			1,141.14						0.57
10	movie theaters	uses sign instead of pamphlets	156.00					5 lbs/ 500 sheets	USEPA	0.08
	movie theaters	uses concentrated soap	2,138.40					0.33 lbs/ HDPE gal	USEPA	1.07
	movie theaters	pallets returned to vendor	4,760.00					40 lbs/pallet	USEPA	2.38
	movie theaters	OCC recycling w/mall		13,832.00				1.1 - 2.2 lbs/box	USEPA	6.92
	movie theaters		7,054.40	13,832.00						10.44
11	Plumbing	OCC pick up by scavenger		1,144.00				2.2lbs/med box	USEPA	0.57
	Plumbing			1,144.00						0.57
12	furniture makers	OCC pick up scavenger		3,906.24				flat 1 cy=50.08lbs	TELLUS	1.95
	furniture makers	OCC reuse	3,906.24					flat 1 cy=50.08lbs	TELLUS	1.95
	furniture makers	Pallet reuse	10,400.00					Pallet=40lbs/5 trips	USEPA	5.20
	furniture makers	Wood crates donated	1,600.00					20lbs/crate	given by business	0.80
	furniture makers		15,906.24	3,906.24						9.91
13	sheetmetal fabrication	OCC reuse	17,160.00					2.2lbs/med box	USEPA	8.58
	sheetmetal fabrication	Scrap metal			156,000.00			6000lbs/2weeks	given by business	
	sheetmetal fabrication	Pallet pick up by scavenger		166,400.00				pallet=40lbs	USEPA	83.20
	sheetmetal fabrication		17,160.00	166,400.00	156,000.00					91.78
14	Textiles services	Pallet recycler		24,000.00				40 lbs/pallet	USEPA	12.00
	Textiles services	OCC recycled		7,812.48				50.08 lbs/ cy	USEPA	3.91
	Textiles services	Sell textiles	48,000.00					4000 lbs/month	given by business	24.00
	Textiles services		48,000.00	31,812.48						39.91
15	concrete block manufacturing	recycle CPO		3,372.20				655 lbs/cy	USEPA	1.69

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	concrete block manufacturing	reuse pallets	312,000.00					40 lbs/5 = 8 lbs/pallet	CIWMB	156.00
	concrete block manufacturing	recycle concrete				52,000.00			business weight	-
	concrete block manufacturing	concrete block overage				120,000.00			business weight	-
	concrete block manufacturing		312,000.00	3,372.20		172,000.00				157.69
16	mfg die cast	Office paper		6,006.00				33gal bin=23.1lbs	USEPA	3.00
	mfg die cast	OCC reuse	780.00					1.5lbs/med box	USEPA	0.39
	mfg die cast	Totes	1,144.00					1.1lbs/small box	USEPA	0.57
	mfg die cast	Pallets reused	2,400.00					Pallet=40lbs/5lbs	USEPA	1.20
	mfg die cast		4,324.00	6,006.00						5.17
17	Auto parts	Pallets reused	1,920.00					40lbs/5 trips per pallet	USEPA	0.96
	Auto parts		1,920.00							0.96
18	water bottling company	OCC		357,200.00				2000lbs/yr	given by business	178.60
	water bottling company	OCC reuse	11,700.00					1.5lbs/med box	USEPA	5.85
	water bottling company	Polycarbonate container		167,200.00				83.6 tons/yr	given by business	83.60
	water bottling company	Redesigned bottles	4,290.00					1.5 lbs/bottle	given by business	2.15
	water bottling company	Sell bottles	2,600.00					1.5 lbs/bottle	given by business	1.30
	water bottling company	Buy bulk containers	96.80					1.1 lbs/small box	USEPA	0.05
	water bottling company	Pallet recycler		608,000.00				308 tons/yr	given by business	304.00
	water bottling company	Pallets repaired	83,200.00					Pallet=40lbs/2 trips	USEPA	41.60
	water bottling company	Pallet reuse	624,000.00					7lbs/wk	USEPA	312.00
	water bottling company		725,886.80	1,132,400.00						929.14
19	Shipping/moving	Pallets by scavengers	2,040.00					Pallet=40lbs	USEPA	1.02
	Shipping/moving	Truck tires		21,600.00				Tire truck=60lbs	USEPA	10.80
	Shipping/moving		2,040.00	21,600.00						11.82
20	Financial Institution	office paper		3,603.60				33gal=23.1 lbs	USEPA	1.80
	Financial Institution	OCC	1,144.00					1.1 lbs/small box	USEPA	0.57
	Financial Institution		1,144.00	3,603.60						2.37
21	Bank	Instashred takes paper		4,404.40				55 gal=42.35 lbs	USEPA	2.20

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Bank	Toner recycled		30.00				2.5 lbs/cartridge	USEPA	0.02
	Bank			4,434.40						2.22
22	restaurant	recycle grease		819.50				7.45 lbs/gal	USEPA	0.41
	restaurant			819.50						0.41
23	Belt drive sales	OCC sent to DC		2,288.00				2.2 lbs/med box	USEPA	1.14
	Belt drive sales	Pallets reused	5,408.00					40lbs/5 trips	USEPA	2.70
	Belt drive sales		5,408.00	2,288.00						3.85
24	headquarters-pharmaceutical co.	OCC		3,906.24				1cy flat OCC=50.08 lbs	TELLUS	1.95
	headquarters-pharmaceutical co.	Office paper		30,030.00				33 gal bin=23.1lbs	USEPA	15.02
	headquarters-pharmaceutical co.	Pallet Scavenger		10,400.00				40 lbs/ pallet	USEPA	5.20
	headquarters-pharmaceutical co.	toner cartridges		910.00				2.5 lbs/cartridge	USEPA	0.46
	headquarters-pharmaceutical co.	OCC reuse	3,906.24					1cy flat OCC=50.08 lbs	TELLUS	1.95
	headquarters-pharmaceutical co.	Totes	400.40					1.1lbs/small box	USEPA	0.20
	headquarters-pharmaceutical co.	Double siding	10,400.00					50 lbs/case (20% of purchased)	given by business	5.20
	headquarters-pharmaceutical co.	sell furniture	600.00					25 lbs/ pc of furniture	given by business	0.30
	headquarters-pharmaceutical co.		15,306.64	45,246.24						30.28
28	Sporting good store	OCC recycled		13,728.00				2.2lbs/med box	USEPA	6.86
	Sporting good store	OCC recycled		6,240.00				4lbs/large box	USEPA	3.12
	Sporting good store			19,968.00						9.98
26	Video rental	OCC reused	2,059.20					2.2 lbs/med box	USEPA	1.03
	Video rental	Plastic covers reused	5,616.00					.3 lbs/cover	given by business	2.81
	Video rental		7,675.20							3.84
27	book & coffee shop	OCC & paper recycling		42,057.60				1.1 lb/box & 363.5 lb/cy	USEPA	21.03
	book & coffee shop	emp reuses own mugs	109.50					0.14 lb/cup	field study	0.05
	book & coffee shop	broken pallets recycled by scavenger		960.00				40 lbs/pallet	USEPA	0.48
	book & coffee shop	pallets reused for send backs	1,600.00					40 lbs/pallet	USEPA	0.80
	book & coffee shop	broken CD players to mfgr	400.00					16 lbs/ea	given by business	0.20
	book & coffee shop		2,109.50	43,017.60						22.56
28	Fast food	Grease trap recycled		17,433.00				7.45lbs/gal grease	USEPA	8.72

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Fast food			17,433.00						8.72
29	Fast food	Grease trap recycled		21,791.25				7.45lbs/gal grease	USEPA	10.90
	Fast food	OCC-scavenger		2,604.16				50.08 lbs/cy	USEPA	1.30
	Fast food			24,395.41						12.20
30		OCC pick up by scavenger		5,720.00				2.2 lbs/med box	USEPA	2.86
		Pallet reuse	4,160.00					40 lbs/5 trips	USEPA	2.08
			4,160.00	5,720.00						4.94
31	Plastic bottle package	OCC recycler		1,144.00				2.2 lbs/med box	USEPA	0.57
	Plastic bottle package	OCC reuse	3,432.00					2.2 lbs/med box	USEPA	1.72
	Plastic bottle package	HDPE recycled		2,600.00				650lbs/3 month	given by business	1.30
	Plastic bottle package	Pallets reused	16,640.00					40lbs/5 trips per pallet	USEPA	8.32
	Plastic bottle package		20,072.00	3,744.00						11.91
32	environmental instrument assembly	reuse OCC	858.00					1.65 lbs/box	USEPA	0.43
	environmental instrument assembly	plastic totes displace OCC	2,002.00					2.2 lbs/box	USEPA	1.00
	environmental instrument assembly	scratch paper use	60.00					5 lbs/ream	USEPA	0.03
	environmental instrument assembly	reuse pallets	432.00					40 lbs/5 = 8 lbs/pallet	USEPA	0.22
	environmental instrument assembly		3,352.00							1.68
33	Drywall	Office paper w/ Shred-it		277.20				33gal bin=23.1lbs	USEPA	0.14
	Drywall	pallets-scavenger		4,800.00				40 lbs/pallet	USEPA	2.40
	Drywall			5,077.20						2.54
34	pharmacy store	no activity								-
	pharmacy store									
35	Fast food	HDPE reused	4.00					HDPE=.1lbs	USEPA	0.00
	Fast food	Grease trap recycled		9,840.00				7.45lbs/gal grease	USEPA	4.92
	Fast food		4.00	9,840.00						4.92
36	Market	OCC pick up by scavenger		15,600.00				50 lbs/cy	USEPA	7.80
	Market	Grease recycled		4,920.00				410lbs/55gal	USEPA	2.46
	Market	Meat scraps		5,200.00				200lbs/2wk	given by business	2.60
	Market	Pallets reused	2,912.00					40lbs/5 trips	USEPA	1.46
	Market		2,912.00	25,720.00						14.32
37	mattress sellers	OCC pick up by scavenger		3,536.00				4 lbs/med box	USEPA	1.77

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	mattress sellers	mattress - scavenger		43,334.20				166.67 lbs/ dbl size bed	LA study	21.67
	mattress sellers			46,870.20						23.44
38	metal manufacturing	OCC reuse	2,604.14					OCC flat&loose 50.08lbs	USEPA	1.30
	metal manufacturing		2,604.14							1.30
39	medical center	OCC		36,400.00				700lbs/bale	USEPA	18.20
	medical center	Office paper		56,707.56				1cy=363.5lbs	USEPA	28.35
	medical center	New reusable gowns	14,600.00					0.2lbs/day	given by business	7.30
	medical center	Venders take back pallets	4,160.00					Pallet=40lbs	USEPA	2.08
	medical center		18,760.00	93,107.56						55.93
40	School	Paper reuse	260.00					1ream=5lbs	USEPA	0.13
	School		260.00							0.13
41	electronics - retail	recycle OCC		2,604.16				50.08 lbs/cy	Tellus	1.30
	electronics - retail	reuse OCC	4,641.00					2.55 lbs/box	USEPA	2.32
	electronics - retail	double-sided copies	260.00					5 lbs/ream	USEPA	0.13
	electronics - retail	plastic totes displace OCC	7,800.00					1.5 lbs/box	USEPA	3.90
	electronics - retail		12,701.00	2,604.16						7.65
42	photographic development distribution	recycle mixed paper		2,617.27				363.51 lbs/cy	USEPA	1.31
	photographic development distribution	reuse OCC	2,652.00					2.55 lbs/box	USEPA	1.33
	photographic development distribution		2,652.00	2,617.27						2.63
43	Computer tape drives	OCC reuse	5,720.00					2.2lbs/med box	USEPA	2.86
	Computer tape drives	Pallet reuse	192.00					40 lbs/5 trips	USEPA	0.10
	Computer tape drives	Toner		30.00				2.5 lbs/cartridge	USEPA	0.02
	Computer tape drives		5,912.00	30.00						2.97
44	mfg precision board	OCC reuse	234.00					1.5lbs/med box	USEPA	0.12
	mfg precision board	Donate scraps to schools	18,000.00					4500lbs/3mo	given by business	9.00
	mfg precision board	Pallets reused	1,872.00					Pallet=40lbs/5 trips	USEPA	0.94
	mfg precision board	Pallets scavenger		2,040.00				Pallet=40lbs	USEPA	1.02
	mfg precision board	metal cage displace pallets	5,400.00					Pallet=40lbs/5 trips	USEPA	2.70
	mfg precision board		25,506.00	2,040.00						13.77

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
45	distribution warehouse	recycle OCC		17,305.60				16.64 lbs/cy	Tellus	8.65
	distribution warehouse	reuse OCC	54,340.00					2.2 lbs/box	USEPA	27.17
	distribution warehouse	Al scrap (no CRV)			23,114.00			.89 lbs/case	USEPA	-
	distribution warehouse	plastic scrap		14,976.00				32 lbs/cy hdpe and pet	USEPA	7.49
	distribution warehouse		54,340.00	32,281.60	23,114.00					43.31
46	restaurant	recycle OCC		18,564.00				2.55 lbs/box	USEPA	9.28
	restaurant	reuse OCC	343.20					2.2 lbs/box	USEPA	0.17
	restaurant	recycle grease		14,355.00				7.45 lbs/gal	USEPA	7.18
	restaurant		343.20	32,919.00						16.63
47	Restaurant	OCC pick up by scavenger		7,800.00				50lbs/cy flat loose	USEPA	3.90
	Restaurant	grease vat		4,920.00				55gal drum=410lbs	USEPA	2.46
	Restaurant			12,720.00						6.36
48	OCC mfg	OCC large bales - recycled		2,080,000.00				800 lbs/bale	given by business	1,040.00
	OCC mfg	pallets recycled		236,080.00				40 lbs/pallet	USEPA	118.04
	OCC mfg	OCC reuse for tonnage	260,000.00					1000 lbs/day	given by business	130.00
	OCC mfg	pallets reused	208,000.00					40 lbs/pallet	USEPA	104.00
	OCC mfg		468,000.00	2,316,080.00						1,392.04
49	Wildlife telemetry equipment	Pallets recycled		800.00				40lbs/pallet	USEPA	0.40
	Wildlife telemetry equipment			800.00						0.40
50	mortgage	OCC reuse	1,144.00					2.2 lbs/med box	USEPA	0.57
	mortgage		1,144.00							0.57
51	steel coating	recycle OCC		25,000.00					business weight	12.50
	steel coating	reuse OCC cores	16,800.00						business weight	8.40
	steel coating	recycle wh ldgr		30,000.00					business weight	15.00
	steel coating	reuse OCC	1,430.00					1.1 lbs/box	USEPA	0.72
	steel coating	recycle scrap metal			434,880.00			906 lbs/cy	USEPA	-
	steel coating	reuse 5 gal buckets	399.00					1.9 lbs/bucket	USEPA	0.20
	steel coating	reuse pallets	33,600.00					40 lbs/5 = 8 lbs/pallet	CIWMB	16.80
	steel coating	reuse scrap wood	13,996.60					329.53 lbs/cy	Tellus	7.00
	steel coating		66,225.60	55,000.00	434,880.00					60.61

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
52	Machinery	OCC picked up by scavenger		1,372.80				2.2lbs/med box	USEPA	0.69
	Machinery	Office paper reused	2,602.60					13 gal=10.01	USEPA	1.30
	Machinery	Recycle scrap metal			3,900.00			75 lbs/wk	given by business	-
	Machinery	Packing material reused	78.00					33 gal=1.5 lbs	USEPA	0.04
	Machinery	Pallet reuse	416.00					40lbs/5 trips	USEPA	0.21
	Machinery	Toner recycled		2.50				2.5 lbs/cartridge	USEPA	0.00
	Machinery		3,096.60	1,375.30	3,900.00					2.24
53	hotel	recycle OCC		5,033.60				2.2 lbs/box	USEPA	2.52
	hotel	reuse OCC	1,060.80					2.55 lbs/box	USEPA	0.53
	hotel	reuse gal jugs	43.68					.42 lbs/jug	USEPA	0.02
	hotel	recycle grease		4,920.00				7.45 lbs/gal	USEPA	2.46
	hotel	food donations	2,600.00					50 lbs/wk	business weight	1.30
	hotel	towels - reuse as rags	1,560.00					30 lbs/ 33 gln mixed clothes	field weight	0.78
	hotel		5,264.48	9,953.60						7.61
54	Installation & design a/c and heating	OCC pick up by scavenger		2,600.00				OCC stacked 1cy=50 lbs	USEPA	1.30
	Installation & design a/c and heating	pallets reused by employees		1,664.00				pallet=40lbs/5 trips	USEPA	0.83
	Installation & design a/c and heating	metal						906 lbs/cy	USEPA	-
	Installation & design a/c and heating			4,264.00	0.00					2.13
55	electrical distribution	reuse OCC	28,177.50					2.55 lbs/box	USEPA	14.09
	electrical distribution	reuse pallets	2,080.00					40 lbs/5 = 8 lbs/pallet	CIWMB	1.04
	electrical distribution		30,257.50							15.13
56	Petroleum Equipment	reuse cardboard		220.00				2.2lbs/med box	USEPA	0.11
	Petroleum Equipment	metal recycler			47,112.00			906lbs per cy metal scraps	USEPA	23.56
	Petroleum Equipment	pallets sent to DC	1,040.00					pallet=40lbs/5 trips	USEPA	0.52
	Petroleum Equipment		1,040.00	220.00	47,112.00					24.19
57	mfg wood speakers	OCC unflattened		51,916.80				whole 1cy=16.64lbs	TELLUS	25.96
	mfg wood speakers	OCC reuse	120,000.00					0.5 lbs/box	USEPA	60.00
	mfg wood speakers	Pallets sold		104,000.00				Pallet=40lbs	USEPA	52.00
	mfg wood speakers	Pallets reused w/ fixing onsite	36,920.00					7.1lbs/pallet	USEPA	18.46

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	mfg wood speakers	Pallets - fixed	5,200.00					Pallet=40lbs/2 trips	USEPA	2.60
	mfg wood speakers	Sawdust		270,000.00				1cy=375lbs	TELLUS	135.00
	mfg wood speakers		162,120.00	425,916.80						294.02
58	metal fabrication	reuse OCC	264.00					2.2 lbs/box	USEPA	0.13
	metal fabrication	skids displace OCC (large)	1,144.00					4 lbs/box	USEPA	0.57
	metal fabrication	recycle scrap metal			44,896.33			906 lbs/cy	USEPA	-
	metal fabrication		1,408.00		44,896.33					0.70
59	mfg graphite stress fabric	OCC		9,600.00				50lbs/cy	USEPA	4.80
	mfg graphite stress fabric	File purge		2,400.00				40lbs/box	given by business	1.20
	mfg graphite stress fabric	OCC reuse	6,500.00					stacked 1cy=50lbs	USEPA	3.25
	mfg graphite stress fabric	Cores reused	24,960.00					Pallet=40lbs/5 trips	USEPA	12.48
	mfg graphite stress fabric	Broken pallets		153,600.00				Pallet=40lbs	USEPA	76.80
	mfg graphite stress fabric	Pallets	37,440.00					Pallet=40lbs/5 trips	USEPA	18.72
	mfg graphite stress fabric		68,900.00	165,600.00						117.25
60	car service	OCC pick up by scavenger		1,144.00				2.2lbs/medium box	USEPA	0.57
	car service	Toner cartridge		30.00				2.5lbs/cartridge	USEPA	0.02
	car service	metal scrap		36,000.00				906 lbs/cy	USEPA	18.00
	car service			37,174.00						18.59
61	sports bar	recycle grease		21,307.00				7.45 lbs/gal	USEPA	10.65
	sports bar			21,307.00						10.65
62	Screen printer	OCC reuse	572.00					1.1 lbs/small box	USEPA	0.29
	Screen printer		572.00							0.29
63	maintenance	OCC pick up scavenger		1,040.00				Pallet=40lbs	USEPA	0.52
	maintenance	Metal pick up by scavenger			72,000.00			6000lbs/month	USEPA	-
	maintenance			1,040.00	72,000.00					0.52
64	Fast food	OCC by hauler		7,800.00				50lbs/cy flat loose	USEPA	3.90
	Fast food	hand dryer use	300.00					25lbs/month	given by business	0.15
	Fast food	grease vat	1,788.00					7.45ls/gal oil	USEPA	0.89
	Fast food		2,088.00	7,800.00						4.94
65	Fast food	Grease trap recycled		2,980.00				7.45lbs/gal grease	USEPA	1.49
	Fast food			2,980.00						1.49
66	Fast food	OCC recycled		16,016.00				2.2lbs/med box	USEPA	8.01

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Fast food	Other organic		2,980.00				7.45lbs/gal grease	USEPA	1.49
	Fast food			18,996.00						9.50
67	restaurant	grease		10,660.00				7.45 lbs/ grease	USEPA	5.33
	restaurant	occ reuse	390.00					1.5 lbs/med occ	USEPA	0.20
	restaurant		390.00	10,660.00						5.53
68	Screen printers	recycle OCC		2,288.00				2.2 lbs/med box	USEPA	1.14
	Screen printers	recycle paper		609.84				33 gal office paper=25.41lbs	USEPA	0.30
	Screen printers	recycle OCC spools		130.00				0.5 lbs/spool	USEPA	0.07
	Screen printers	reuse plastic bottles	52.00					12 oz. plastic container	USEPA	0.03
	Screen printers	pallets pick up by scavenger		2,640.00				pallet=40lbs	USEPA	1.32
	Screen printers	pallets reused for shipping	12,480.00					pallet=40lbs/5 trips	USEPA	6.24
	Screen printers	T-shirts reuse to run prints	312.00					6lbs of T-shirts	business weight	0.16
	Screen printers		12,844.00	5,667.84						9.26
69	junk mail advertising	Paper		510,368.04				363.5lbs/cy	USEPA	255.18
	junk mail advertising	Shredded paper recycled		174,484.80				363.5lbs/cy	USEPA	87.24
	junk mail advertising	OCC recycle		60,096.00				50 lbs/cy	USEPA	30.05
	junk mail advertising	OCC reuse	11,440.00					1.1lbs/small box	USEPA	5.72
	junk mail advertising	Pallets recycled		104,000.00				40lbs/pallet	USEPA	52.00
	junk mail advertising		11,440.00	848,948.84						430.19
70	drum refurbished	Pallet pick up by scavenger		9,600.00				Pallet=40lbs	USEPA	4.80
	drum refurbished			9,600.00						4.80
71	Hotel	White ledger recycled		6,006.00				33 gal=23.1 lbs	USEPA	3.00
	Hotel	OCC baled		15,600.00				300 lbs/bale	USEPA	7.80
	Hotel	Paper reuse	60.00					1 ream=5 lbs	USEPA	0.03
	Hotel	Toner recycled		15.00				2.5 lbs/cartridge	USEPA	0.01
	Hotel	Sell used furniture	200.00					25 lbs each piece	given by business	0.10
	Hotel	Used sheets donated	400.00					40 lbs/box	given by business	0.20
	Hotel	Towels reused	180.00					18 lbs/box	given by business	0.09
	Hotel		840.00	21,621.00						11.23
72	Drawer manufacturer	OCC reuse	1,716.00					2.2lbs/med box	USEPA	0.86
	Drawer manufacturer	Pallet reused	9,600.00					40lbs/5 trip per pallet	USEPA	4.80
	Drawer manufacturer	Wood scraps reused	4,200.00					350lbs/month	given by business	2.10

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Drawer manufacturer	Toner refilled	150.00					2.5lbs/cartridge	USEPA	0.08
	Drawer manufacturer		15,666.00							7.83
73	entertainment gokart race track	Gallon jugs reused	79.20					Gallon HDPE jug=0.33lbs	USEPA	0.04
	entertainment gokart race track	Pallets	1,440.00					Pallet=40lbs	USEPA	0.72
	entertainment gokart race track		1,519.20							0.76
74	general goods retail	recycle OCC		38,400.00				400 lbs/bale	USEPA	19.20
	general goods retail	notebook donations	127.05						USEPA	0.06
	general goods retail	plastic totes displace OCC	5,434.00					2.2 lbs/box	USEPA	2.72
	general goods retail	reuse OCC	4,641.00					2.55 lbs/box	USEPA	2.32
	general goods retail	reuse styfm pnuts	29.59					6.27 lbs/cy	Tellus	0.01
	general goods retail	reuse pallets	2,080.00					40 lbs/5 = 8 lbs/pallet	CIWMB	1.04
	general goods retail		12,311.64	38,400.00						25.36
75	metal processing	OCC reuse	28,600.00					2.2lbs/med box	USEPA	14.30
	metal processing	paper reuse as packaging	260.00					5 lbs/wk	given by business	0.13
	metal processing	pallets sent back to DC		18,720.00				pallet=40lbs/5 tripsUSEPA	USEPA	9.36
	metal processing		28,860.00	18,720.00						23.79
76	Furniture distribution	Office paper recycled		2,602.60				13gal=10.01 lbs	USEPA	1.30
	Furniture distribution	OCC recycled		26,041.00				1cy=50.08 lbs	Tellus	13.02
	Furniture distribution	Pallet pick up by scavenger		156,000.00				40 lbs/pallet	USEPA	78.00
	Furniture distribution			184,643.60						92.32
77	Mexican restaurant	OCC pick up by scavenger		5,200.00				50lbs/cy	USEPA	2.60
	Mexican restaurant	Grease recycled		4,920.00				410lbs=55 gal	USEPA	2.46
	Mexican restaurant			10,120.00						5.06
78	Fast food	Grease trap recycled		2,980.00				7.45lbs/gal grease	USEPA	1.49
	Fast food			2,980.00						1.49
79	Contractor/pipe cleaning	OCC pick up by scavenger		600.00				2lbs/med box	USEPA	0.30
	Contractor/pipe cleaning	Reuse paper	1,201.20					33gal=23.1lbs	USEPA	0.60
	Contractor/pipe cleaning		1,201.20	600.00						0.90
80	packaging material	OCC		5,859.36				flat 1cy=50.08lbs	TELLUS	2.93
	packaging material	OCC reused	12,168.00					1.5lbs/med box	USEPA	6.08
	packaging material	Pallets reused	10,400.00					Pallet=40lbs/5 trips	USEPA	5.20
	packaging material		22,568.00	5,859.36						14.21

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
81	Parochial Institution	Shredded paper reuse	416.00					33gal=8lbs	USEPA	0.21
	Parochial Institution		416.00							0.21
82	credit agency	OCC		5,850.00				1.5lbs/med box	USEPA	2.93
	credit agency	Office paper		2,080,000.00				20 tons/wk	given by business	1,040.00
	credit agency	ONP		7,800.00				150lbs/wk	USEPA	3.90
	credit agency	computerized changes-reduction in paper	24,000.00					50 lbs/ WL box	USEPA	12.00
	credit agency	OCC reuse	2,310.00					1.1lbs/small box	USEPA	1.16
	credit agency	Scratch paper	600.00					50lbs/mo	given by business	0.30
	credit agency	Junk mail elimination	2,600.00					10lbs/day	given by business	1.30
	credit agency	Bill payment electronic now	2,000.00					50lbs/wk	given by business	1.00
	credit agency	Pallets taken back to DC	8,320.00					Pallet=40lbs/5 trips	USEPA	4.16
	credit agency	Toner cartridge		780.00				2.5lbs/cartridge	USEPA	0.39
	credit agency		39,830.00	2,094,430.00						1,067.13
83	textiles-mfg	OCC bales		52,000.00				200lbs/bale	USEPA	26.00
	textiles-mfg	OCC reuse	390.00					1.5lbs/med box	USEPA	0.20
	textiles-mfg	OCC cones	2,600.00					2 lbs/med box	USEPA	1.30
	textiles-mfg	Plastic spools	520.00					10lbs/spool	given by business	0.26
	textiles-mfg	Pallet pick up scavenger		12,480.00				Pallets=40lbs	USEPA	6.24
	textiles-mfg	Pallet reuse	2,080.00					Pallets=40lbs/5 trips	USEPA	1.04
	textiles-mfg	Fabric sold	2,400.00					80lbs/2.5mo	given by business	1.20
	textiles-mfg	Fabric donated	4,160.00					80lbs/bale	given by business	2.08
	textiles-mfg	Fabric reuse	4,160.00					80lbs/bale	given by business	2.08
	textiles-mfg	Quilt strips sold	18,000.00					80lbs/bale	given by business	9.00
	textiles-mfg		34,310.00	64,480.00						49.40
84	Financial services	Instashred picks up		800.80				0.77lbs/gal	USEPA	0.40
	Financial services	OCC reused by employees		572.00				2.2lbs/med box	USEPA	0.29
	Financial services	toner sent back		90.00				2.5 lbs/cartridge	USEPA	0.05
	Financial services			1,462.80						0.73
85	Investment & loans	Shred-it takes paper		3,985.80				0.24 lbs/gal	USEPA	1.99
	Investment & loans	Toner recycled		30.00				2.5 lbs/cartridge	USEPA	0.02
	Investment & loans									

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
86	Plastic product distribution	Pallet reuse	20,800.00					40 lbs/5 trips	USEPA	10.40
	Plastic product distribution	Pallet pick up by scavengers		166,400.00				40 lbs/pallet	USEPA	83.20
	Plastic product distribution	pallets - firewood	3,360.00					40 lbs/pallet		1.68
	Plastic product distribution		24,160.00	170,415.80						97.29
87	Foam mfg	OCC recycled		7,987.20				16.64 lbs/cy of unflattened occ	USEPA	3.99
	Foam mfg	metal scrap			108,720.00			906 lbs/cy	USEPA	-
	Foam mfg	plastic film - sold		40,000.00				80 lbs/500 yds of film	given by business	20.00
	Foam mfg	pallets-recycled		24,000.00				40 lbs/pallet	USEPA	12.00
	Foam mfg	chipboard cores - reused	2,600.00					5 lbs/occ core	given by business	1.30
	Foam mfg	pallets - fixed	7,800.00					50 lbs credit / 100 lb pallet fixed	given by business	3.90
	Foam mfg		10,400.00	71,987.20	108,720.00					41.19
88	Coffee service	Double side paper	1,040.00					10 sheets=0.12lbs	USEPA	0.52
	Coffee service	Pallet pick up by scavenger		26,000.00				40lbs/pallet	USEPA	13.00
	Coffee service	Pallets sent back	12,480.00					40lbs/5 trips per pallet	USEPA	6.24
	Coffee service		13,520.00	26,000.00						19.76
89	auto dealer	no activity								-
	auto dealer									-
90	auto dealer	pallet reuse	15,600.00					40lbs/pallet / 5 trips	USEPA	7.80
	auto dealer		15,600.00							7.80
91	Financial institution	OCC pick up by scavenger	572.00					2.2 lbs/med box	USEPA	0.29
	Financial institution		572.00							0.29
92	Insurance carrier	OCC reuse	312.00					312 lbs	given by business	0.16
	Insurance carrier	computerized changes-reduction in paper	2,600.00					50 lbs/box	given by business	1.30
	Insurance carrier	Shredded paper purge		10,000.00				60000lbs/6 yrs	given by business	5.00
	Insurance carrier	Toner recycled		20.00				2.5 lbs/cartridge	USEPA	0.01
	Insurance carrier		2,912.00	10,020.00						6.47
93	panel installation	OCC flat		13,020.80				flat 1cy=50.08lbs	TELLUS	6.51
	panel installation	Pallet pick up by scavenger	20,800.00					Pallet=40lbs	USEPA	10.40
	panel installation		20,800.00	13,020.80						16.91

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
94	wood furniture mfg	OCC bales		42,000.00				700lbs/bale	USEPA	21.00
	wood furniture mfg	OCC reuse	7,800.00					1.5lbs/med box	USEPA	3.90
	wood furniture mfg	Pallets reused	14,976.00					Pallet=40lbs/5 trips	USEPA	7.49
	wood furniture mfg	Pallet pick up by scavenger		2,496.00				Pallet=40lbs	USEPA	1.25
	wood furniture mfg	Wood scraps donated	13,181.20					1cy=329.53lbs	TELLUS	6.59
	wood furniture mfg	woodscrap reuse (damaged furniture dismantled/plywood pieces from packaging reused)	26,000.00					500lbs/wk	given by business	13.00
	wood furniture mfg	wood scrap- recycled		790,872.00						395.44
	wood furniture mfg	sawdust-recycled		900,000.00						450.00
	wood furniture mfg		61,957.20	1,735,368.00						898.66
95	install sprinklers	toner cartridge		75.00				2.5lbs/cartridge	USEPA	0.04
	install sprinklers			75.00						0.04
96	Distribute products	Office paper	520.52					13 gal=10.01 lbs	USEPA	0.26
	Distribute products		520.52							0.26
97	Electronic engineering	OCC pick up by scavenger		3,432.00				2.2 lbs/med box	USEPA	1.72
	Electronic engineering	Packaging material	70.20					0.45 lbs/gal	USEPA	0.04
	Electronic engineering	Wooden spools		1,560.00				5 lbs/ spool	given by business	0.78
	Electronic engineering		70.20	4,992.00						2.53
98	electronics retail	no activity								-
	electronics retail									-
99	restaurants	OCC reuse	286.00					1.1lbs/small box	USEPA	0.14
	restaurants	Grease trap		38,280.00				7.45lbs/gal oil	USEPA	19.14
	restaurants		286.00	38,280.00						19.28
100	tortilla chips	OCC		52,000.00				2000lbs/wk	given by business	26.00
	tortilla chips	OCC reuse	2,860.00					2.2lbs/medium box	USEPA	1.43
	tortilla chips	OCC reuse	5,200.00					4 lbs/large box	USEPA	2.60
	tortilla chips	Pallets	83,200.00					pallet=40lbs/5 trips	USEPA	41.60
	tortilla chips	Grease trap		165,880.00				1cy=1595lbs	UCLA	82.94
	tortilla chips		91,260.00	217,880.00						154.57
101	Insurance agents	White paper recycled		1,201.20				33 gal/23.1 lbs	USEPA	0.60
	Insurance agents	Double siding paper	260.00					1 ream=5 lbs	USEPA	0.13
	Insurance agents	Toner cartridges		25.00				2.5 lbs/cartridges	USEPA	0.01

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Insurance agents		260.00	1,226.20						0.74
102	Machining	Newspaper	7,800.00					8lbs/33gal	USEPA	3.90
	Machining	OCC reuse	7,800.00					1.5lbs/med box	USEPA	3.90
	Machining	Scrap metal			434,800.00			906lbs/cy	USEPA	-
	Machining	Pallet reuse	4,800.00					40lbs/5 trips	USEPA	2.40
	Machining		20,400.00		434,800.00					10.20
103	mfg dry wall finishing product	OCC reuse		18,000.00				1.5lbs/med box	USEPA	9.00
	mfg dry wall finishing product	Pallets sold		480,000.00				Pallet=40lbs	USEPA	240.00
	mfg dry wall finishing product	Switch to efficient machines	171,600.00					3300lbs/wk	given by business	85.80
	mfg dry wall finishing product		171,600.00	498,000.00						334.80
104	Training center	OCC recycle by hauler		22,880.00				2.2 lbs/med box	USEPA	11.44
	Training center	OCC reuse for shipping	11,440.00					1.1 lbs/small box	USEPA	5.72
	Training center	shredded paper	2,600.00					48.36lbs/cy	given by business	1.30
	Training center	pallets returned to DC	6,240.00					pallet=40lbs/5 trips	USEPA	3.12
	Training center		20,280.00	22,880.00						21.58
105	Hotel	OCC baled		15,600.00				300lbs/bale		7.80
	Hotel	White ledger		2,202.20				55 gal=42.35 lbs	USEPA	1.10
	Hotel	Toner recycled		12.50				2.5 lbs/cartridge	USEPA	0.01
	Hotel	Sheets/towels reused	400.00					20 lbs/box	given by business	0.20
	Hotel	Mattresses sold	4,000.00					50 lbs/mattress	given by business	2.00
	Hotel		4,400.00	17,814.70						11.11
106	Restaurant	OCC recycled		32,032.00				2.2lbs/med box	USEPA	16.02
	Restaurant	Grease trap recycled		1,200.00				50 gal		0.60
	Restaurant			33,232.00						16.62
107	Advertising	OCC reuse	572.00					2.2 lbs/med box	USEPA	0.29
	Advertising	Paper reuse	120.00					1 ream=5 lbs	USEPA	0.06
	Advertising	Scrap metal						50 lbs/wk	given by business	-
	Advertising	Toner recycled		5.00				2.5 lbs/cartridge	USEPA	0.00
	Advertising		692.00	5.00	0.00					0.35
108	video rentals	no activity								-
	video rentals									-
109	spa covers	OCC		24,038.40				flat 1 cy=50.08lbs	TELLUS	12.02
	spa covers	Mixed paper		277.20				33 gal/23.1lbs	USEPA	0.14

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	spa covers	Scrap polystyrene		70,200.00				15lbs/bag	given by business	35.10
	spa covers	Polyethylene film		33,973.32				140lbs/gaylord	given by business	16.99
	spa covers	Polystyrene reuse	1,404.00					2% of 70200	given by business	0.70
	spa covers	Pallet reuse	20,800.00					Pallet=40lbs/5 trips	USEPA	10.40
	spa covers	Pallet pick up by scavenger		20,800.00				Pallet=40lbs	USEPA	10.40
	spa covers	metal scrap			217,440.00			906 lbs/cy	USEPA	-
	spa covers		22,204.00	149,288.92	217,440.00					85.75
110	Construction	Office paper recycled		8,808.80				42.35lbs=55 gal	USEPA	4.40
	Construction	Reuse paper	520.00					5lbs/ream	USEPA	0.26
	Construction		520.00	8,808.80						4.66
111	packaging	OCC pick up bu scavenger		31,249.92				OCC flat&loose 50.08 lbs	USEPA	15.62
	packaging			31,249.92						15.62
112	Aluminum forging	Shredded paper reused	416.00					33 gallon bin=8lbs	USEPA	0.21
	Aluminum forging	ONP reused	520.00					10lbs/wl	given by business	0.26
	Aluminum forging	OCC reuse	1,560.00					1.5lbs/med box	USEPA	0.78
	Aluminum forging	Totes	572.00					1.1lbs/small box	USEPA	0.29
	Aluminum forging	Gallon jugs reused	15.84					1 gallon HDPE jug=.33lbs	USEPA	0.01
	Aluminum forging	Plastic buckets reused	4.40					25 gal bucket=1.1lbs	USEPA	0.00
	Aluminum forging	Pallet reuse	1,846.00					7.1 lbs/fixed pallet	USEPA	0.92
	Aluminum forging	Pallets fixed	2,080.00					Pallet=40/2 trips	USEPA	1.04
	Aluminum forging	Wood reused	2,400.00					20lbs/crate	given by business	1.20
	Aluminum forging		9,414.24							4.71
113	movie distribution	OCC pick up by hauler		92,400.00				2.2lbs/medium box	USEPA	46.20
	movie distribution	Pallet pick up by scavengers		624,000.00				pallet=40lbs	USEPA	312.00
	movie distribution			716,400.00						358.20
114	auto part imports/distribution	recycle OCC		12,600.00				1050 lbs/bale	USEPA	6.30
	auto part imports/distribution	plastic totes displace OCC	57,200.00					2.2 lbs/box	USEPA	28.60
	auto part imports/distribution	reuse OCC	22,880.00					2.55 lbs/box	USEPA	11.44

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	auto part imports/distribution		80,080.00	12,600.00						46.34
115		pallets repair	2,400.00					pallet=40lbs/2 trips	USEPA	1.20
		pallet reuse	72,800.00					reuse w/ pallet fixing - 7 lbs/trip	USEPA	36.40
			75,200.00							37.60
116	telecommunications	OCC pick up by scavengers		2,496.00				4 lbs/large box	USEPA	1.25
	telecommunications	OCC reused	1,716.00					2.2lbs/med box	USEPA	0.86
	telecommunications	Pallets reused	2,080.00					pallet=40lbs/5 trips	USEPA	1.04
	telecommunications		3,796.00	2,496.00						3.15
117	Restaurant	pallets returned to DC	2,080.00					pallet=40lbs/5 trips	USEPA	1.04
	Restaurant		2,080.00							1.04
118	Fast food	OCC pick up by scavenger	2,860.00					2.2lbs/med box	USEPA	1.43
	Fast food	OCC recycling bin	7,800.00					50 lbs/cy	USEPA	3.90
	Fast food	grease vat		3,874.00				7.45lbs/gal oil	USEPA	1.94
	Fast food		10,660.00	3,874.00						7.27
119	bindery - assembly	white ledger recycling		96,000.00				8,000 lb/mo	given by business	48.00
	bindery - assembly	OCC recycling		5,400.00				50 lb/cy	USEPA	2.70
	bindery - assembly	mixed paper recycling		39,258.00				363.5 lb/cy	USEPA	19.63
	bindery - assembly	OCC reuse	132.00					1.1 lb/box	USEPA	0.07
	bindery - assembly	paper donations	200.00					200 lb/yr	given by business	0.10
	bindery - assembly	small pallet reuse	11,375.00					15-20 lb/ea	given by business	5.69
	bindery - assembly	tire recycling		80.00				20 lb/ea	USEPA	0.04
	bindery - assembly		11,707.00	140,738.00						76.22
120	printing and packaging	recycle OCC		10,400.00				50 lbs/cy	USEPA	5.20
	printing and packaging	recycle office paper		113,233.12				.77 lbs/gal	USEPA	56.62
	printing and packaging	scratch paper use	520.00					5 lbs/ream	USEPA	0.26
	printing and packaging	reuse OCC	132.00					2.2 lbs/box	USEPA	0.07
	printing and packaging		652.00	123,633.12						62.14
121	Bed rentals to hospitals	OCC pick up by scavenger		5,208.32				1cy=50.08 lbs	Tellus	2.60
	Bed rentals to hospitals			5,208.32						2.60
122	Insurance company	no activity								-

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Insurance company									-
123	Fast food	OCC		3,900.00				75lbs/wk	given by business	1.95
	Fast food	grease trap		4,920.00				55 gal=410 lbs	USEPA	2.46
	Fast food	computerized changes-reduce paper	260.00					5 lbs/ream	USEPA	0.13
	Fast food		260.00	8,820.00						4.54
124	restaurants	OCC pick up by hauler		7,812.48				OCC flat&loose 50.08 lbs	USEPA	3.91
	restaurants	Grease vat		4,920.00				1 drum=410lbs	USEPA	2.46
	restaurants			12,732.48						6.37
125	injection molding	OCC self haul		6,000.00				250lbs/2times month	given by business	3.00
	injection molding	OCC	1,560.00					1.5 lbs/med box	given by business	0.78
	injection molding	Computerized	750.00					50lbs/ case	given by business	0.38
	injection molding	Polyethylene		176,800.00				17000lbs/5wk	given by business	88.40
	injection molding	Pallets resold		48,000.00				Pallet=40lbs	USEPA	24.00
	injection molding	Gaylords given away	1,625.00					65lbs/gaylord	given by business	0.81
	injection molding	pallets reused	62,400.00					pallets=40 lbs/5trips	USEPA	31.20
	injection molding		66,335.00	230,800.00						148.57
126	Copy Company	white paper pick up by hauler		48,464.00				OCC cpmacted 400lbs/cy	USEPA	24.23
	Copy Company	OCC pick up by hauler		859.37				OCC flat&loose 50.08/cy	Tellus	0.43
	Copy Company			49,323.37						24.66
127	Retail	OCC baled and sent back		72,800.00				700lbs/bale	USEPA	36.40
	Retail	grease trap		4,920.00				55 gal=410lbs	USEPA	2.46
	Retail	pallets reused	124,800.00					pallets=40lbs/5 trips	USEPA	62.40
	Retail		124,800.00	77,720.00						101.26
128	doughnut shop	5 gal. bucket reuse	4,373.20					2.9 lbs/ea	USEPA	2.19
	doughnut shop	doughnuts donated	520.00					10 lbs/wk	given by business	0.26
	doughnut shop	pallet reuse	10,220.00					40 lbs/pallet	USEPA	5.11
	doughnut shop		15,113.20							7.56
129	Provide labeling material	Pallet reuse		960.00				Pallet=40lbs/5 lbs	USEPA	0.48

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Provide labeling material			960.00						0.48
130	laser cutter / fabrication	paper recycling		10,784.11				155.54 lb/cy	USEPA	5.39
	laser cutter / fabrication	OCC reuse		1,144.00				1.1 lb/box	USEPA	0.57
	laser cutter / fabrication	55 gal. metal drum reuse			60.00			30 lb/ea	EcoTelesis field study	-
	laser cutter / fabrication	pallet reuse	5,200.00					20 lb/ea	given by business	2.60
	laser cutter / fabrication	pallet recycling		1,200.00				40 lbs/pallet	USEPA	0.60
	laser cutter / fabrication	skids cut & reused	2,400.00					200 lbs/mo	given by business	1.20
	laser cutter / fabrication	computers donated	252.00					56 lb/ea	USEPA BUG	0.13
	laser cutter / fabrication		7,852.00	13,128.11	60.00					10.49
131	Fabric store	cardboard spool-scavenger		2,518.50				0.69 lbs/spool	business weight	1.26
	Fabric store	OCC pick up by scavenger		1,144.00				2.2lbs/med box	USEPA	0.57
	Fabric store	toner sent back		45.00				2.5 lbs/cartridge	USEPA	0.02
	Fabric store			3,707.50						1.85
132	office product distribution	recycle OCC		4,160.00				4 lbs/box	USEPA	2.08
	office product distribution	recycle office paper		8,724.24				363.51 lbs/cy	USEPA	4.36
	office product distribution	reuse OCC	8,580.00					2.2 lbs/box	USEPA	4.29
	office product distribution	reuse wh ldgr for packing	2,080.00					8 lbs/33 gal	USEPA	1.04
	office product distribution	donated wh ldgr	1,600.00					400 lbs/cy	USEPA	0.80
	office product distribution	reuse pallets	31,200.00					40 lbs/5 = 8 lbs/pallet	CIWMB	15.60
	office product distribution	recycle toner cartridge		4,500.00				2.5 lbs/cartridge	USEPA	2.25
	office product distribution		43,460.00	17,384.24						30.42
133	Liquid fertilizers	Pallets reused	41,600.00					Pallet=40lbs/5lbs	USEPA	20.80
	Liquid fertilizers		41,600.00							20.80
134	mortgage company	office paper		4,680.00				5lbs/ream	USEPA	2.34
	mortgage company	OCC reuse	1,040.00					4lbs/large box	USEPA	0.52

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	mortgage company		1,040.00	4,680.00						2.86
135	Gardening	plastic plant holders	600.00					50 lbs/month	given by business	0.30
	Gardening		600.00							0.30
136	door manufacturing	OCC		3,906.24				flat 1 cy=50.08lbs	TELLUS	1.95
	door manufacturing	Wood crates picked up by scavenger	10,400.00					Pallet=40lbs/2 trips	USEPA	5.20
	door manufacturing	Pallet reuse	20,800.00					Pallet=40lbs/5 trips	USEPA	10.40
	door manufacturing	Garage door donated	62,400.00					100lbs/door	given by business	31.20
	door manufacturing	EPS foam reused	3,001.44					9.62 lbs/cy blown formed foam	TELLUS	1.50
	door manufacturing	metal scrap			520,000.00			250 lbs/ metal garage door	given by business	-
	door manufacturing		96,601.44	3,906.24	520,000.00					50.25
137	Restaurant	OCC picked up by scavenger		1,440.00				2.2 lbs/med box	USEPA	0.72
	Restaurant	grease trap		2,711.80				fats 7.45lbs/gal	USEPA	1.36
	Restaurant			4,151.80						2.08
138	seafood restaurant	OCC recycling w/mall		4,622.00						2.31
	seafood restaurant			4,622.00						2.31
139	instruments & music equipment	OCC recycling w/mall		27,375.00				2.2 lb/box	USEPA	13.69
	instruments & music equipment	OCC reuse	2,002.00					2.2 lb/box	USEPA	1.00
	instruments & music equipment	paper shredded for packaging	208.00					8 lbs/ 33 gal	USEPA	0.10
	instruments & music equipment	pallet reuse	5,409.33					40 lbs/pallet	USEPA	2.70
	instruments & music equipment		7,619.33	27,375.00						17.50
140	Computer Power Systems	OCC pick up by scavenger		3,432.00				2.2 lbs/med box	USEPA	1.72
	Computer Power Systems	pallets pick up by scavenger	2,496.00					pallet=40lbs/5 trips	USEPA	1.25
	Computer Power Systems	wooden spools reused		6,760.00				13 lbs/spool	business weight	3.38
	Computer Power Systems		2,496.00	10,192.00						6.34
141	Devices for water	Toner recycled		10.00				2.5 lbs/cartridge	USEPA	0.01
	Devices for water			10.00						0.01
142	fast food	Grease trap recycled		2,980.00				7.45lbs/gal grease	USEPA	1.49

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	fast food			2,980.00						1.49
143	fast food	OCC recycled		22,880.00				2.2lbs/med box	USEPA	11.44
	fast food	Grease trap recycled		2,980.00				7.45lbs/gal grease	USEPA	1.49
	fast food			25,860.00						12.93
144	fast food	OCC by scavenger	24,024.00					2.2lbs/med box	USEPA	12.01
	fast food	hand dryer use	2,400.00					25lbs/case	given by business	1.20
	fast food	grease vat		4,920.00				55 gal drum=410lbs	USEPA	2.46
	fast food		26,424.00	4,920.00						15.67
145	fast food	OCC pick up by hauler		19,240.00				1.5 lbs/med box	USEPA	9.62
	fast food	now use hand dryer	600.00					2(25lbs) cans	given by business	0.30
	fast food	grease trap		3,874.00				fats 7.45lbs/gal	USEPA	1.94
	fast food	pallets	2,496.00					pallet=40lbs/5 trips	USEPA	1.25
	fast food	donations	170.00					10 lbs/3wks	given by business	0.09
	fast food		3,266.00	23,114.00						13.19
146	Computer accessories	OCC taken by scavengers		22,880.00				2.2lbs/med box	USEPA	11.44
	Computer accessories	OCC reuse	11,440.00					2.2lbs/med box	USEPA	5.72
	Computer accessories		11,440.00	22,880.00						17.16
147	Financial institution	office paper		2,402.40				33 gal=23.1	USEPA	1.20
	Financial institution	Toner sent back		20.00				2.5lbs/cartridge	USEPA	0.01
	Financial institution			2,422.40						1.21
148	Ship golf supplies	OCC pick up by scavengers		5,148.00				2.2 lbs/med box	USEPA	2.57
	Ship golf supplies	Pallet pick up by scavenger		5,200.00				40 lbs/pallet	USEPA	2.60
	Ship golf supplies	Toner recycled		90.00				2.5 lbs/cartridge	USEPA	0.05
	Ship golf supplies			10,438.00						5.22
149	Cable wire assembly	Plastic installation sold	96,000.00					8000lbs/month	given by business	48.00
	Cable wire assembly		96,000.00							48.00
150	heavy equipment rentals	metal recycling (only the 30% increase since 1990)			36,920.00			80 tons/yr	given by business	-
	heavy equipment rentals	metal drum reuse			1,620.00			30 lb/ea	EcoTelesis field study	-
	heavy equipment rentals	tire recycling		3,750.00				20 lb/ea	USEPA	1.88

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	heavy equipment rentals			3,750.00	38,540.00					1.88
151	signs and supplies	OCC pick up scavenger		7,812.48				1cy flat OCC=50.08lbs	TELLUS	3.91
	signs and supplies	OCC reuse	5,720.00					1.1lbs/small box	USEPA	2.86
	signs and supplies	Fiber drums	900.00					15lbs/drum	given by business	0.45
	signs and supplies	OCC reuse	2,400.00					2 lbs/med box	given by business	1.20
	signs and supplies	Acrylic scrap		1,200.00				100 lbs/mo	given by business	0.60
	signs and supplies	Pallet pick up by scavenger		16,800.00				Pallet=40lbs	USEPA	8.40
	signs and supplies		9,020.00	25,812.48						17.42
152	Eating place	Grease recycled		10,660.00				55 gal=410 lbs	USEPA	5.33
	Eating place			10,660.00						5.33
153	social service residence	OCC recycled - scavenger		1,040.00				2 lbs/ med box	USEPA	0.52
	social service residence	Grease		1,788.00				7.45 lbs/gallon	USEPA	0.89
	social service residence			2,828.00						1.41
154	plumbing	OCC reuse	5,720.00					1.1lbs/small box	USEPA	2.86
	plumbing	Pallets pick up by scavenger		9,600.00				Pallet=40lbs	USEPA	4.80
	plumbing	Pallets reused	2,400.00					Pallet=40lbs/5 trips	USEPA	1.20
	plumbing		8,120.00	9,600.00						8.86
155	Telephone communications	OCC recycled		5,200.00				50lbs/cy	USEPA	2.60
	Telephone communications	White paper recycled		1,441.41				60% of bin	given by business	0.72
	Telephone communications	OCC reused	1,717.00					1.1lbs/small box	USEPA	0.86
	Telephone communications	Packing material	30.00					30lbs/yr	given by business	0.02
	Telephone communications	Toner recycled		25.00				2.5lbs/cartridge	USEPA	0.01
	Telephone communications		1,747.00	6,666.41						4.21
156	metal precision mfg	reuse OCC		2,640.00				2.2lbs/med box	USEPA	1.32
	metal precision mfg	wood waste reuse as firewood	1,200.00					100lbs/mo	USEPA	0.60
	metal precision mfg		1,200.00	2,640.00						1.92

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
157	nursery	Gaylord boxes		180,000.00				20lbs/gaylord	given by business	90.00
	nursery	Office paper		260.26				13 gal bin=10.01lbs	USEPA	0.13
	nursery	Shredded paper		208.00				33 gal bin=8 lbs	USEPA	0.10
	nursery	HDPE scrap recycled		180,000.00				15000 lbs/month	given by business	90.00
	nursery	Pallets sold		168,000.00				35lbs/pallet	given by business	84.00
	nursery	Gaylord sold	45,916.00					8.83lbs/pallet+gaylo rd	given by business	22.96
	nursery	Pallets reused	2,400.00					Pallet=40lbs/5 trips	USEPA	1.20
	nursery		48,316.00	528,468.26						288.39
158	Manufacturing-laminating press systems	OCC reuse	1,716.00					1.1lbs/small box	USEPA	0.86
	Manufacturing-laminating press systems	OCC reuse	208.00					4lbs/large box	USEPA	0.10
	Manufacturing-laminating press systems	Totes	1,430.00					1.1lbs/small box	USEPA	0.72
	Manufacturing-laminating press systems	Steel trimming						2025lbs/cy	given by business	-
	Manufacturing-laminating press systems	Crate reuse	900.00					75lbs/crate	given by business	0.45
	Manufacturing-laminating press systems		4,254.00							2.13
159	office supplies-retail	recycle OCC		60,000.00				400 lbs/cy	USEPA	30.00
	office supplies-retail	recycle wh ldgr		6,240.00				800 lbs/cy	USEPA	3.12
	office supplies-retail	reuse pallets	11,680.00					40 lbs/5 = 8 lbs/pallet	CIWMB	5.84
	office supplies-retail		11,680.00	66,240.00						38.96
160	retail clothing	OCC recycling w/mall		91,520.00				2.2 lbs/ea	USEPA	45.76
	retail clothing	paper reuse as scratch	150.00					5 lbs/ream	USEPA	0.08
	retail clothing		150.00	91,520.00						45.84
161	Restaurant	OCC recycled		7,800.00				1cy=50lbs	USEPA	3.90
	Restaurant			7,800.00						3.90
162	electronic wholesales	OCC reuse	3,955.07					75% of 52373.42lbs	USEPA	1.98
	electronic wholesales	Bubble wrap	326.04					6.27lbs/cy	TELLUS	0.16

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	electronic wholesales	Pallets pick up by scavenger		4,160.00				Pallet=40lbs	USEPA	2.08
	electronic wholesales	Pallets reused	20,800.00					Pallet=40lbs/5 trips	USEPA	10.40
	electronic wholesales		25,081.11	4,160.00						14.62
163	product prep furniture	OCC reuse	2,860.00					2.2lbs/med box	USEPA	1.43
	product prep furniture		2,860.00							1.43
164	car wash/gas station	recycle OCC		1,716.00				1.1 lbs/box	USEPA	0.86
	car wash/gas station			1,716.00						0.86
165	acquisition corporation	Double siding	240.00					20% of 50lbs case	given by business	0.12
	acquisition corporation	Pallets returned	20,800.00					Pallet=40lbs/5 trips	USEPA	10.40
	acquisition corporation		21,040.00							10.52
166	metal fabrication	scrap metal-Smart Recycling			1,078,000.00			recycler weight		-
	metal fabrication	pallets large		48,000.00				80 lbs/pallet (2x size of std pallet)	USEPA	24.00
	metal fabrication	pallets returned to DC		800.00				pallet=40lbs/5 trips	USEPA	0.40
	metal fabrication	Office paper		2,181.00				363.51 lbs/cy	USEPA	1.09
	metal fabrication			50,981.00	1,078,000.00					25.49
167	Plating contractor	OCC recycled		11,440.00				2.2lbs/med box	USEPA	5.72
	Plating contractor	OCC reused	1,144.00					2.2lbs/med box	USEPA	0.57
	Plating contractor	Pallets reused	8,320.00					40lbs/5 trips	USEPA	4.16
	Plating contractor		9,464.00	11,440.00						10.45
168	construction contractor	Pallets reused	832.00					Pallet=40lbs/5 trips	USEPA	0.42
	construction contractor	Pallet pick up scavenger		1,440.00				Pallet=40lbs	USEPA	0.72
	construction contractor	totes	390.00					1.5 lbs/med occ		0.20
	construction contractor		1,222.00	1,440.00						1.33
169	wholesale distribution - produce	reuse OCC	68,640.00					2.2 lbs/box	USEPA	34.32
	wholesale distribution - produce	reuse pallets	20,800.00					40 lbs/5 = 8 lbs/pallet	CIWMB	10.40
	wholesale distribution - produce	donated produce	150,072.00					1443 lbs/cy	Tellus	75.04
	wholesale distribution - produce		239,512.00							119.76
170	plastic fabrication (displays & fixtures)	recycle OCC		3,315.00				2.55 lbs/box	USEPA	1.66
	plastic fabrication (displays & fixtures)	reuse OCC	1,430.00					1.1 lbs/box	USEPA	0.72

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	plastic fabrication (displays & fixtures)	plastic totes displace OCC	14,300.00					1.1 lbs/box	USEPA	7.15
	plastic fabrication (displays & fixtures)	recycle pallets - scavenged		1,200.00				40 lbs/pallet	USEPA	0.60
	plastic fabrication (displays & fixtures)		15,730.00	4,515.00						10.12
171	restaurant	donate bread	1,300.00						business weight	0.65
	restaurant	donate bread	4,127.76					4.41 lbs/cf		2.06
	restaurant		5,427.76							2.71
172	paint/coating manufacturing	double-sided copies	480.00					5 lbs/ream	USEPA	0.24
	paint/coating manufacturing	reuse newspaper	260.00					1 lb/newspaper	USEPA	0.13
	paint/coating manufacturing		740.00							0.37
173	grocery store	recycle OCC		383,250.00				1050 lbs/bale	USEPA	191.63
	grocery store	recycle meat renderings		36,226.67				57 lbs/cf	FEECO	18.11
	grocery store	recycle grease		5,326.75				7.45 lbs/gal	USEPA	2.66
	grocery store	reuse OCC	93,075.00					2.55 lbs/box	USEPA	46.54
	grocery store	bread donations	7,300.00					20 lbs/day	business weight	3.65
	grocery store	produce ???	86,044.23					1443 lbs/cy	Tellus	43.02
	grocery store	food donations	2,080.00					40 lbs/wk	weight	1.04
	grocery store		188,499.23	424,803.42						306.65
174	roofing - supply	Pallets sold		14,560.00				Pallet=40lbs	USEPA	7.28
	roofing - supply	pallets reused	14,560.00					Pallet=40lbs/5 trips		7.28
	roofing - supply		14,560.00	14,560.00						14.56
175	Residential construction	Mixed paper		554.00				23.1 lbs		0.28
	Residential construction	Pallets recycled		10,400.00				40lbs/pallet	USEPA	5.20
	Residential construction			10,954.00						5.48
176	door sellers	metal			10,400.00			100lbs/wk	given by business	-
	door sellers	pallets		20,800.00				pallet=40lbs/5 trips	USEPA	10.40
	door sellers	scrap wood - scavengers		34,271.12				392.53 lbs/cy	USEPA	17.14
	door sellers			55,071.12	10,400.00					27.54
177	refurbish printer heads	no activity								-

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	refurbish printer heads									-
178	paper recycler	Pallets-sold		416,000.00				Pallet=40lbs	USEPA	208.00
	paper recycler			416,000.00						208.00
179	Shoe store	Pallet reuse	6,240.00					40lbs/5 trips	USEPA	3.12
	Shoe store		6,240.00							3.12
180	Car parts	OCC by scavenger		19,066.67				2.2 lbs/medium box	USEPA	9.53
	Car parts	toner cartridge		5.00				2.5 lbs/cartridge	USEPA	0.00
	Car parts			19,071.67						9.54
181	Restaurant	no activity							USEPA	-
	Restaurant									-
182	plating	Pallet reuse	20,800.00					1.1lbs/small box	USEPA	10.40
	plating	Pallet scavenger		7,280.00				Pallet=40lbs	USEPA	3.64
	plating	OCC reuse	2,860.00					1.1lbs/small box	USEPA	1.43
	plating		23,660.00	7,280.00						15.47
183	Miscellaneous- retail	OCC baled and sent back		93,600.00				300 lbs/bale	USEPA	46.80
	Miscellaneous- retail	OCC	3,432.00					2.2lbs/med box	USEPA	1.72
	Miscellaneous- retail	pallets		5,408.00				pallet=40lbs/5 trips	USEPA	2.70
	Miscellaneous- retail	Toner sent back		25.00				2.5lbs/cartridge	USEPA	0.01
	Miscellaneous- retail		3,432.00	99,033.00						51.23
184	Pizza delivery	no activity								-
	Pizza delivery									-
185	plating	Gallon jugs reused	257.40					Gallon HDPE jug=0.33lbs	USEPA	0.13
	plating		257.40							0.13
186	Restaurant	OCC pick up by scavenger		5,720.00				2.2lbs/med box	USEPA	2.86
	Restaurant	grease trap		21,320.00				55 gal=410lbs	USEPA	10.66
	Restaurant			27,040.00						13.52
187	Business folders	Paper sent to DC		2,600.00				50lbs/wk	business	1.30
	Business folders			2,600.00						1.30
188	Promotional products	Toner recycled		10.00				2.5 lbs/cartridge	USEPA	0.01
	Promotional products			10.00						0.01
189	refurbishes h2o tanks	OCC self haul to recycler		3,605.76				1cy flat OCC=50.08lbs	TELLUS	1.80
	refurbishes h2o tanks	Reuse OCC	901.44					1cy flat OCC=50.08lbs	TELLUS	0.45
	refurbishes h2o tanks	Plastic buckets reused	110.00					25gallon bucket=25lbs	USEPA	0.06

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	refurbishes h2o tanks	PVC pipe reused	4,000.00					2000lbs/6mo	given by business	2.00
	refurbishes h2o tanks	Supersack reuse	15,600.00					7.5lbs/sack	given by business	7.80
	refurbishes h2o tanks	Pallet pick up scavenger	7,200.00					Pallet=40lbs	USEPA	3.60
	refurbishes h2o tanks	Pallet reused	3,360.00					Pallet=40lbs/5 trips	USEPA	1.68
	refurbishes h2o tanks	metal drums-refurbish			15,000.00			25 lbs/55 gln drum	USEPA	-
	refurbishes h2o tanks		31,171.44	3,605.76	15,000.00					17.39
190	Auto repair shop	Reuse 5 gal buckets	6.00					1.9lbs/bucket	USEPA	0.00
	Auto repair shop	Tires recycled		2,400.00				20lbs/tire	USEPA	1.20
	Auto repair shop		6.00	2,400.00						1.20
191	grocery store	recycle OCC		191,100.00				700 lbs/bale	USEPA	95.55
	grocery store	reuse OCC	8,619.00					2.55 lbs/box	USEPA	4.31
	grocery store	plastic totes displace OCC	10,296.00					2.2 lbs/box	USEPA	5.15
	grocery store	reuse plastic buckets	345.80					1.9 lbs/bucket	USEPA	0.17
	grocery store	reuse plastic fish crates	1,131.52					21.76 lbs/cy	Tellus	0.57
	grocery store	compost floral waste					3,892.28	46.69 lbs/cy	Tellus	1.95
	grocery store	compost produce					150,072.00	1443 lbs/cy	Tellus	75.04
	grocery store	recycle meat renderings		65,369.41				57 lbs/cf	FEECO	32.68
	grocery store	recycle grease		10,653.50						5.33
	grocery store	pallets reuse - DC	4,160.00					40 lbs/pallet / 5 trips	USEPA	2.08
	grocery store		24,552.32	267,122.91			153,964.28			222.82
192	grocery store	recycle OCC		255,500.00				700 lbs/bale	USEPA	127.75
	grocery store	plastic totes displace OCC	12,012.00					2.2 lbs/box	USEPA	6.01
	grocery store	recycle film plastic		4,690.40				22.55 lbs/cy	Tellus	2.35
	grocery store	compost floral waste					3,219.95	108 lbs/cy	USEPA	1.61
	grocery store	compost produce waste					375,180.00	1443 lbs/cy	USEPA	187.59
	grocery store	recycle grease		21,307.00				7.45 lbs/gal	USEPA	10.65
	grocery store	pallets reuse - DC	4,160.00					40 lbs/pallet / 5 trips	USEPA	2.08
	grocery store		16,172.00	281,497.40			378,399.95			338.03
193	Grocery store	OCC recycled		104,000.00				400lbs/bale	USEPA	52.00
	Grocery store	Computer paper recycled		1,200.00				100lbs/month	given by business	0.60
	Grocery store	OCC reused	2,288.00					2.2lbs/med box	USEPA	1.14
	Grocery store	Plastic bags		2,148.76				75.96lbs/cy	Tellus	1.07
	Grocery store	Pallets reused	20,800.00					40lbs/5 trips	USEPA	10.40
	Grocery store	Grease recycled		3,874.00				7.45lbs/gal	USEPA	1.94

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Grocery store	Composting					26,000.00	500lbs	given by business	13.00
	Grocery store	Bread donated	5,200.00					20lbs/day	given by business	2.60
	Grocery store		28,288.00	111,222.76			26,000.00			82.76
194	furniture distributor	Mixed paper		2,726.25				1cy=363.5lbs	USEPA	1.36
	furniture distributor	Pallet reuse	7,680.00					Pallet=40lbs/5 trips	USEPA	3.84
	furniture distributor	Pallets scavenger	12,000.00					Pallet=40lbs	USEPA	6.00
	furniture distributor		19,680.00	2,726.25						11.20
195	bowling alley	grease		4,920.00				410 lbs/ 55 glln drum	USEPA	2.46
	bowling alley	beer bottles returned	9,921.60					.53 lbs/bottle (half credit given)	USEPA	4.96
	bowling alley		9,921.60	4,920.00						7.42
196	support center	office paper		1,300.00				25lbs/wk	given by business	0.65
	support center	OCC reuse	1,144.00					2.2lbs/med box	USEPA	0.57
	support center		1,144.00	1,300.00						1.22
197	hotel	no activity								-
	hotel									-
198	Trucking	OCC reused as tonnage	130,208.00					50.08 lbs/cy	given by business	65.10
	Trucking	Tires recycled		41,600.00				80lbs/wk	given by business	20.80
	Trucking		130,208.00	41,600.00						85.90
199	mfg foam packaging	OCC reuse	2,496.00					1.5lbs/med box	USEPA	1.25
	mfg foam packaging	Pallets reused	4,160.00					Pallet=40lbs/5 trips	USEPA	2.08
	mfg foam packaging		6,656.00							3.33
200	tool mfg	OCC reuse	2,730.00					1.5lbs/med box	USEPA	1.37
	tool mfg	Pallet reuse	4,800.00					Pallet=40lbs/5 trips	USEPA	2.40
	tool mfg		7,530.00							3.77
201	package specialist	OCC bales		2,184,000.00				700lbs/bale	USEPA	1,092.00
	package specialist	white paper		26,000.00				500lbs/wk	given by business	13.00
	package specialist	pallets reused	332,800.00					Pallet=40lbs/5 trips	USEPA	166.40
	package specialist	pallets by scavenger		20,800.00				Pallet=40lbs	USEPA	10.40
	package specialist		332,800.00	2,230,800.00						1,281.80
202	property maintenance	paper	332.80					1 ream=6.4lbs	BUG	0.17
	property maintenance		332.80							0.17

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Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
203	Martial Art Supplies	OCC recycled		1,144.00				2.2lbs/med box	USEPA	0.57
	Martial Art Supplies			1,144.00						0.57
204	college	Books used	4,500.00					1.5lbs/book	given by business	2.25
	college	Grasscycle	19,500.00					8 tons/yr	given by business	9.75
	college	Pallets sent back	480.00					Pallet=40lbs/5 trips	USEPA	0.24
	college		24,480.00							12.24
205	drug store	paper		72,800.00				700lbs/bale	USEPA	36.40
	drug store	paper	17,160.00					2.2 lbs/med box	USEPA	8.58
	drug store	pallets - sent back	6,240.00					pallet=40lbs/5 trips	USEPA	3.12
	drug store		23,400.00	72,800.00						48.10
206	Drug store	OCC sent back to DC		163,800.00				700 lbs/bale		81.90
	Drug store	Camera sent back to Kodak		520.00				10 lbs/wk	given by business	0.26
	Drug store	Pallets reused	20,800.00					40 lbs/5 trips	USEPA	10.40
	Drug store		20,800.00	164,320.00						92.56
207	General Merchandise	OCC baled & sent to DC		57,200.00				2.2 lbs/med box	USEPA	28.60
	General Merchandise	office paper sent to DC		3,653.65				13 gal office paper=10.01lbs	USEPA	1.83
	General Merchandise	pallets sent to DC	10,400.00					pallet=40lbs/5 trips	USEPA	5.20
	General Merchandise	toner sent back		75.00				2.5 lbs/cartridge	USEPA	0.04
	General Merchandise		10,400.00	60,928.65						35.66
208	general goods store	recycle OCC		109,200.00				700 lbs/bale	USEPA	54.60
	general goods store	reuse OCC	153.00					2.55 lbs/box	USEPA	0.08
	general goods store	plastic totes displace OCC	17,160.00					2.2 lbs/box	USEPA	8.58
	general goods store	recycle stretch wrap		557.28				22.55 lbs/cy	Tellus	0.28
	general goods store		17,313.00	109,757.28						63.54
209	refrigeration services	OCC reuse	2,496.00					4lbs/large box	USEPA	1.25
	refrigeration services	pallets by scavenger		10,400.00				40lbs/pallet	USEPA	5.20
	refrigeration services		2,496.00	10,400.00						6.45
210	mfg-packaging	OCC		840,000.00				70000lbs/month	given by business	420.00
	mfg-packaging	Office paper		2,032.80				55 gal bin=42.35lbs	USEPA	1.02
	mfg-packaging	sell misprints	6,000.00					50 lbs/case	USEPA	3.00
	mfg-packaging	computerized changes	2,153.85					50 lbs/case	USEPA	1.08
	mfg-packaging	Buy bulk cleaning supplies	600.00					10lbs/33 gal	given by business	0.30
	mfg-packaging	Bale packing	228,800.00					40lbs/5 trips	USEPA	114.40

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	mfg-packaging	Pallet reuse	187,200.00					Pallet=40lbs/5 trips	USEPA	93.60
	mfg-packaging		424,753.85	842,032.80						633.39
211	pool supply distribution	purchase orders online	78.00					5 lb/ream	USEPA	0.04
	pool supply distribution	OCC reuse	7,150.00					2.2 lb/box	USEPA	3.58
	pool supply distribution	OCC reuse	14,300.00					1.1 lb/box	USEPA	7.15
	pool supply distribution	5 gal. bucket reuse	494.00					1.9 lb/bucket	USEPA	0.25
	pool supply distribution	15 gal container displaces 1 gal HDPE	130.00					.0625 lb/gal HDPE	USEPA	0.07
	pool supply distribution	53 gal container reuse (by customers)	5,250.00					12.5 lbs/each	given by business	2.63
	pool supply distribution	reuse plastic packaging	1,241.38					1.5 lb/gal	USEPA	0.62
	pool supply distribution	pallets recycled		93,600.00				40 lbs/pallet	USEPA	46.80
	pool supply distribution		28,643.38	93,600.00						61.12
212	car sales/retail/service	recycle OCC		20,475.00				1.1 lbs/box	USEPA	10.24
	car sales/retail/service	recycle scrap metal			35,994.00			906 lbs/cy	USEPA	-
	car sales/retail/service	reuse plastic 5 gal. Buckets	197.60					1.9 lbs/bucket	USEPA	0.10
	car sales/retail/service	OCC reuse	3,120.00					1.5 lbs/med occ	USEPA	1.56
	car sales/retail/service	plastic totes displace OCC	1,560.00					1.5 lbs/med occ	USEPA	0.78
	car sales/retail/service	tires recycled		10,400.00				20 lbs/car tire	USEPA	5.20
	car sales/retail/service		4,877.60	30,875.00	35,994.00					17.88
213	Contractor offices	Toner recycled		5.00				2.5 lbs/cartridge	USEPA	0.00
	Contractor offices			5.00						0.00
214	printing label	Pallets reused	960.00					Pallet=40lbs/5 trips	USEPA	0.48
	printing label	Pallet pick up by scavenger	480.00					Pallet=40lbs	USEPA	0.24
	printing label		1,440.00							0.72
215	architect	Pallets reused	115,200.00					Pallet=40lbs/5 trips	USEPA	57.60
	architect		115,200.00							57.60
216	water bottling company	OCC scavenger		9,120.00				4lbs/large box	USEPA	4.56
	water bottling company	Damaged bottles recycled		14,850.00				1.5 lbs/bottle	USEPA	7.43
	water bottling company	Plastic crates		2,880.00				2lbs/med box	USEPA	1.44
	water bottling company	Switch to larger tanks	540.00					15lbs/drum	business	0.27
	water bottling company	Give away drums	300.00					15lbs/drum	business	0.15
	water bottling company	Send back drums	150.00					15lbs/drum	business	0.08
	water bottling company	Pallets fixed offsite	51,120.00					7.1 lbs/fixed pallet	USEPA	25.56
	water bottling company		52,110.00	26,850.00						39.48
217	carpet installer	Carpet padding		104,000.00				400lbs/day	business	52.00
	carpet installer	carpet bag reuse	24,000.00					40lbs/5 trips	USEPA	12.00

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	carpet installer	Pallets reused	288.00					Pallet=40lbs/5 trips	USEPA	0.14
	carpet installer	Carpet nylon		1,040,000.00				400 lbs/roll	business	520.00
	carpet installer	Carpet donated	175,552.00					84.4lbs/cy	business	87.78
	carpet installer		199,840.00	1,144,000.00						671.92
218	plastic sign service	OCC flat		23,437.44				3cy=50.08lbs	USEPA	11.72
	plastic sign service	Acrylic		7,200.00				600lbs/month	business	3.60
	plastic sign service	Pallets reused	14,400.00					Pallet=40lbs/ 5 trips	USEPA	7.20
	plastic sign service		14,400.00	30,637.44						22.52
219	computer chip mfg	Mixed paper		39,259.08				1cy=363.5lbs	USEPA	19.63
	computer chip mfg	OCC		12,019.20				lbs	TELLUS	6.01
	computer chip mfg	OCC reuse	2,340.00					1.5lbs/med box	USEPA	1.17
	computer chip mfg		2,340.00	51,278.28						26.81
220	mfg plastic cases	OCC bales		108,000.00				700lbs/bale	USEPA	54.00
	mfg plastic cases	Plastic scrap		582,400.00				700lbs/bale	USEPA	291.20
	mfg plastic cases	Pallets pick up by scavenger	36,000.00					Pallet=40lbs	USEPA	18.00
	mfg plastic cases		36,000.00	690,400.00						363.20
221	transport	OCC pick up by scavenger		2,288.00				2.2lbs/med box	USEPA	1.14
	transport	OCC reuse	2,496.00					48lbs/wk	business	1.25
	transport	Plastic scraps		36,000.00				3000lbs/mo	business	18.00
	transport	Plastic pick up by scavenger		20,800.00				Pallet=40lbs	USEPA	10.40
	transport		2,496.00	59,088.00						30.79
222	assembly	OCC bales		33,600.00				700lbs/bale	USEPA	16.80
	assembly	Pallet reuse	83,200.00					pallet=40lbs/5 trips	USEPA	41.60
	assembly		83,200.00	33,600.00						58.40
223	yacht service	recycle office paper		508.20				.77 lbs/gal	USEPA	0.25
	yacht service	recycle newspaper		364.00				1 lb/newspaper	USEPA	0.18
	yacht service	double-sided copies	60.00					5 lbs/ream	USEPA	0.03
	yacht service		60.00	872.20						0.47
224	procurement	office paper		1,201.20				33 gal bin/23.1 lbs	USEPA	0.60
	procurement	OCC reuse	457.60					2.2lbs/med box	USEPA	0.23
	procurement		457.60	1,201.20						0.83
225	Plastic binding	OCC pick up by scavenger		22,880.00				2.2 lbs/med box	USEPA	11.44
	Plastic binding	Shredded paper	162.24					0.24 lbs/gal	USEPA	0.08
	Plastic binding	Pallet pick up by scavenger		10,400.00				40 lbs/pallet	USEPA	5.20
	Plastic binding	Pallet reuse	8,960.00					40lbs/5 trips	UESPA	4.48
	Plastic binding		9,122.24	33,280.00						21.20
226	Restaurant	OCC recycled		4,290.00				1.1lbs/small box	USEPA	2.15
	Restaurant	OCC recycled		8,580.00				2.2lbs/med box	USEPA	4.29
	Restaurant	Grease recycled		11,622.00				7.45lbs/gal	USEPA	5.81
	Restaurant			24,492.00						12.25
227	Church	Newspaper		3,000.00				250lbs/month	business	1.50
	Church			3,000.00						1.50
228	office supplies - retail	recycle OCC		54,600.00				1050 lbs/bale	USEPA	27.30
	office supplies - retail	donate notebooks	62.50						weight	0.03
	office supplies - retail	recycle toner cartridge		114.00				2.5 lbs/cartridge	USEPA	0.06

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	office supplies - retail		62.50	54,714.00						27.39
229	office supplies - retail	OCC large bale - recycled		39,000.00				700 lbs/bale	USEPA	19.50
	office supplies - retail	pallets returned	10,400.00					40 lbs/pallet	USEPA	5.20
	office supplies - retail		10,400.00	39,000.00						24.70
230	parts (watches,	recycle OCC		572.00				1.1 lbs/box	USEPA	0.29
	parts (watches,	recycle wh ldgr		800.00				400 lbs/cy	USEPA	0.40
	parts (watches,	desk donations	6,158.25					246.33 lbs/desk	BUG	3.08
	parts (watches,	chair donations	955.00					38.2 lbs/chair	BUG	0.48
	parts (watches,	computer donations	1,400.00					56 lbs/unit	BUG	0.70
	parts (watches,		8,513.25	1,372.00						4.94
231	grocery store	recycle OCC		255,500.00				700 lbs/bale	USEPA	127.75
	grocery store	recycle Office paper		3,303.30				25.41 lbs/33glln	USEPA	1.65
	grocery store	reuse OCC	10,868.00					2.2 lbs/box	USEPA	5.43
	grocery store	plastic totes displace OCC	6,864.00					2.2 lbs/box	USEPA	3.43
	grocery store	recycle meat renderings		130,738.81				57 lbs/cf	FEECO	65.37
	grocery store	recycle grease		6,019.60				7.45 lbs/gal	USEPA	3.01
	grocery store		17,732.00	395,561.71						206.65
232	nursery - plant wholesale	Truck tires		2,100.00				Tire truck=60lbs	USEPA	1.05
	nursery - plant wholesale	Plant donations	1,000.00					5 lbs/donated item	business	0.50
	nursery - plant wholesale		1,000.00	2,100.00						1.55
233	composites	OCC		23,437.44				OCC=50.08lbs	TELLUS	11.72
	composites	Mixed paper		30,243.20				1cy=363.5lbs	USEPA	15.12
	composites	shredded paper		1,040.00				8 lbs/33 glln	USEPA	0.52
	composites	Totes	600.00					1.1lbs/small box	USEPA	0.30
	composites	Pallet reuse	1,152.00					Pallet=40lbs/5 trips	USEPA	0.58
	composites	Wood scrap reuse	300.00					50lbs/2mo	business	0.15
	composites	Pallets recycled		24,000.00				Pallets=40lbs	USEPA	12.00
	composites		2,052.00	78,720.64						40.39
234	Fast food	OCC recycled		8,808.00				2.2lbs/med box	USEPA	4.40
	Fast food	OCC recycled		4,368.00				4lbs/large box	USEPA	2.18
	Fast food			13,176.00						6.59
235	department store	paper		254,800.00				700lbs/bale	USEPA	127.40
	department store	office paper		600.00				50 lbs/case	USEPA	0.30
	department store	OCC reuse	6,240.00					4lbs/large box	USEPA	3.12
	department store	OCC reuse	3,432.00					2.2lbs/med box	USEPA	1.72
	department store	computer paper reduction	332.80					1 ream=6.4	BUG	0.17
	department store	pallets reused	87,360.00					40 lbs/ pallet	USEPA	43.68
	department store	donate goods	2,400.00					200 lbs/month	weighed	1.20
	department store		99,764.80	255,400.00						177.58
236	products	OCC recycled		1,144.00				2.2 lbs/med box	USEPA	0.57
	products	reuse plastic cores	7,800.00					100 lbs/day	business	3.90
	products	Pallets recycled		9,360.00				40 lbs/pallet	USEPA	4.68
	products		7,800.00	10,504.00						9.15
237	tile/roofing wholesale	OCC - scavenger		1,953.12				50.08 lbs/cy	USEPA	0.98
	tile/roofing wholesale			1,953.12						0.98

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
238	building material	OCC baled back to DC		1,144,000.00				300 lbs/ bale	USEPA	572.00
	building material	Pallet reuse	189,800.00					pallet=40lbs/5 trips	USEPA	94.90
	building material	metal scrap			85,520.00				info	-
	building material	sawdust-recycled	19,500.00					375 lbs/cy	USEPA	9.75
	building material		209,300.00	1,144,000.00	85,520.00					676.65
239	Textile Institute	OCC reuse	1,716.00					2.2 lbs/med box	USEPA	0.86
	Textile Institute	Packing material reuse	78.00					33 gal=1.5 lbs	USEPA	0.04
	Textile Institute	Pallets resold		104,000.00				40 lbs/pallet	USEPA	52.00
	Textile Institute		1,794.00	104,000.00						52.90
240	thrift store	OCC	11,440.00					2.2 lbs/med box	USEPA	5.72
	thrift store	reuse newspaper	1,820.00					12" stack=35lbs	USEPA	0.91
	thrift store	pallets sent to DC	2,080.00					tripsUSEPA		1.04
	thrift store		15,340.00							7.67
241	Restaurant	OCC pick up by scavenger		4,680.00				1.5lbs/box	USEPA	2.34
	Restaurant	grease trap	7,748.00					fats 7.45lbs/gal	USEPA	3.87
	Restaurant	plastic buckets reuse	456.00					1.9 lbs/bucket	USEPA	0.23
	Restaurant		8,204.00	4,680.00						6.44
242	Catering	plastic gal jugs reused	47.52					jug=0.33 lbs	USEPA	0.02
	Catering		47.52							0.02
243	cabinet makers									-
	cabinet makers									-
244	build material	OCC by scavenger		5,700.00				2.2 lbs/med box	USEPA	2.85
	build material	pallets reuse	208,000.00					tripsUSEPA		104.00
	build material	tires		12,000.00				80 lbs/tire	USEPA	6.00
	build material		208,000.00	17,700.00						112.85
245	furniture manufacturer	scrap wood		104,000.00				2000lbs/wk	business	52.00
	furniture manufacturer	sawdust		390,000.00				375lbs/cy	Tellus	195.00
	furniture manufacturer			494,000.00						247.00
246	assembly/manufacturing	recycle sawdust		135,000.00				375 lbs/cy	Tellus	67.50
	assembly/manufacturing	recycle wood scrap		118,630.80				329.53 lbs/cy	Tellus	59.32
	assembly/manufacturing	reuse pallets	1,296.00					lbs/pallet	CIWMB	0.65
	assembly/manufacturing		1,296.00	253,630.80						127.46
247	Retail	OCC pick up by hauler		74,360.00				2.2 lbs/med box	USEPA	37.18
	Retail	Al cans by employees		222.00				24 cans= 0.888 lbs	USEPA	0.11
	Retail	toner sent back		7.50				2.5 lbs/cartridge	USEPA	0.00
	Retail			74,589.50						37.29
248	Adult entertainment store									-
	Adult entertainment store									
249	car wash	recycle office paper		120.12				.77 lbs/gal	USEPA	0.06
	car wash	reuse OCC	57.20					1.1 lbs/box	USEPA	0.03
	car wash		57.20	120.12						0.09
250	Auto Dealership	OCC reuse	1,716.00					1.1 lbs/small box	USEPA	0.86
	Auto Dealership	OCC reuse	3,432.00					2.2 lbs/med box	USEPA	1.72
	Auto Dealership	office paper recycled		1,201.20				23.1 lbs/33glln	USEPA	0.60
	Auto Dealership	pallet reuse	640.00					40 lbs/pallet	USEPA	0.32

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Auto Dealership		5,788.00	1,201.20						3.49
251	grocery store	OCC recycle		145,600.00				700lbs/bale	USEPA	72.80
	grocery store	totes replace OCC	11,400.00					1.1 lbs/small box	USEPA	5.70
	grocery store	pallets	41,600.00					pallet=40lbs/5 trips	USEPA	20.80
	grocery store		53,000.00	145,600.00						99.30
252	container manufacturing	OCC		168,000.00				700lbs/bale	USEPA	84.00
	container manufacturing	Pallets fixed	15,600.00					Pallets=40lbs/2 trips	USEPA	7.80
	container manufacturing	Pallets for firewood	52,000.00					Pallet=40lbs	USEPA	26.00
	container manufacturing	Pallets given away	8,000.00					Pallet=40lbs	USEPA	4.00
	container manufacturing		75,600.00	168,000.00						121.80
253	screen printing	pallets picked up by scavenger		104,000.00				pallets=40lbs	USEPA	52.00
	screen printing			104,000.00						52.00
254	medical center	OCC recycled		252,000.00				500 lbs/bale	given by business	126.00
	medical center	OCC reuse	11,440.00					2.2 lbs/medium box	USEPA	5.72
	medical center	Send back boxes	3,600.00					10 lbs/box	given by business	1.80
	medical center	eliminate pediatric admission kits	1,800.00					.5 lbs/ each	given by business	0.90
	medical center	Pressure cuffs now reusable	3,000.00					0.25 lbs/cuff	given by business	1.50
	medical center	Cleaning supplies in larger containers	99.00					1.1 lbs/bucket	USEPA	0.05
	medical center	Mixed yard trims		51,840.00				108 lbs/cy	given by business	25.92
	medical center	Pallets-sold		96,000.00				40 lbs/pallet	USEPA	48.00
	medical center	Pallets sent back	25,920.00					40 lbs/5 trips	USEPA	12.96
	medical center	Switch to washcloth	16,050.00					15 lbs/case	given by business	8.03
	medical center	Reusable surgical towels	6,000.00					10 lbs/case	given by business	3.00
	medical center	Donate surgical equipment	300.00					150 lbs of equipment/pallet	given by business	0.15
	medical center	Mattress recycled		16,200.00				25 lbs/mattress	given by business	8.10
	medical center	Reusable instruments	180.00					5 lbs/item	given by business	0.09
	medical center	Toner recycled		6,000.00				2.5 lbs/yr	USEPA	3.00
	medical center		68,389.00	422,040.00						245.21
255	Financial services	shredded paper		37.44				33gal=8lbs	USEPA	0.02
	Financial services	white ledger paper		31.20				10 sheets=0.12 lbs	USEPA	0.02
	Financial services	toner cartridge		30.00				2.5lbs/cartridge	USEPA	0.02

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Financial services			98.64						0.05
256	Financial services	Instashred picks up		2,722.50				33gal=8 lbs	USEPA	1.36
	Financial services	toner sent back		10.00				2.5 lbs/cartridge	USEPA	0.01
	Financial services			2,732.50						1.37
257	mfg - electric components	no activity								-
	mfg - electric components									-
258	systems	packing	1,248.00					8 lbs/33 gal	USEPA	0.62
	systems	recycle scrap metal			652,432.50			906 lbs/cy	USEPA	-
	systems		1,248.00		652,432.50					0.62
259	Auto Dealership	Pallet reuse	4,160.00					tripsUSEPA		2.08
	Auto Dealership	OCC recycled		3,900.00				50 lbs/ cy	USEPA	1.95
	Auto Dealership	office paper		13,086.00				363.5 lbs/cy office	USEPA	6.54
	Auto Dealership	tires		24,000.00				20 lbs/tire	USEPA	12.00
	Auto Dealership	computerized changes	1,300.00					5 lbs/ream	USEPA	0.65
	Auto Dealership		5,460.00	40,986.00						23.22
260	Gardening	Yardwaste						40cy=4320lbs	USEPA	-
	Gardening	Pallet reuse	20,800.00					pallet=40lbs/5 trips	USEPA	10.40
	Gardening		20,800.00	0.00			0.00			10.40
261	retail music	OCC recycling w/mall		20,592.00				1.1 lb/box	USEPA	10.30
	retail music	OCC reuse	8,580.00					1.1 lb/box	USEPA	4.29
	retail music	reuse security cases	1,950.00					2 oz./case	business	0.98
	retail music	return overages & damages	300.00					5 lb/mo	business	0.15
	retail music	donations	60.00					2@ 30 lb/ box/ yr	business	0.03
	retail music		10,890.00	20,592.00						15.74
262	consulting									-
	consulting									-
263	health care	OCC reuse	457.60					2.2lbs/med box	USEPA	0.23
	health care		457.60							0.23
264	Grocery store	OCC recycled		520,000.00				400lbs/bale	USEPA	260.00
	Grocery store	Office paper		4,804.80				33gal=23.1lbs	USEPA	2.40
	Grocery store	OCC reuse	9,984.00					4lbs/large box	USEPA	4.99
	Grocery store	OCC reuse	13,728.00					2.2lbs/med box	USEPA	6.86
	Grocery store	Stretch wrap		5,200.00				100lbs/wk	business	2.60
	Grocery store	Pallet reuse	33,280.00					40lbs/5 trips	USEPA	16.64
	Grocery store	Bone barrel		5,200.00				100 lbs/55gllnnce		2.60
	Grocery store	Grease recycled		4,920.00				55gal=410lbs	USEPA	2.46
	Grocery store		56,992.00	540,124.80						298.56
265	grocery store	recycle OCC		1,022,000.00				700 lbs/bale	USEPA	511.00
	grocery store	recycle office paper		660.66				.77 lbs/gal	USEPA	0.33
	grocery store	recycle stretch wrap		7,843.66				22.55 lbs/cy	Tellus	3.92
	grocery store	reuse plastic 5 gal. Buckets	494.00					1.9 lbs/bucket	USEPA	0.25
	grocery store	produce composted					377,014.93	1443 lbs/cy	Tellus	188.51
	grocery store	recycle meat renderings		31,200.00				57 lbs/cf	FEECO	15.60
	grocery store	recycle grease		10,660.00				7.45 lbs/gal	USEPA	5.33
	grocery store	recycle yardwaste					1,834.93	108 lbs/cy	USEPA	0.92

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	grocery store	plastic totes displace OCC	16,016.00					2.2 lbs/box	USEPA	8.01
	grocery store	scratch paper use	520.00					5 lbs/ream	USEPA	0.26
	grocery store	bread donation	32,850.00					cart full	weight	16.43
	grocery store	food donations	595.00					cart full	weight	0.30
	grocery store	pallets returned	110,760.00					at DC)	USEPA	55.38
	grocery store		161,235.00	1,072,364.32			378,849.86			806.22
266	pharmacy/restaurant	recycle OCC		13,260.00				2.55 lbs/box	USEPA	6.63
	pharmacy/restaurant	reuse plastic 5 gal. Buckets	197.60					1.9 lbs/bucket	USEPA	0.10
	pharmacy/restaurant	recycle grease		21,307.00				7.45 lbs/gal	USEPA	10.65
	pharmacy/restaurant	food donations	250.00						weight	0.13
	pharmacy/restaurant		447.60	34,567.00						17.51
267	printing	recycle OCC		13,000.00					weight	6.50
	printing	recycle office paper		11,011.00				.77 lbs/gal	USEPA	5.51
	printing	donate wh ldgr	15,000.00					5 lbs/ream	USEPA	7.50
	printing	reuse OCC	2,860.00					2.2 lbs/box	USEPA	1.43
	printing		17,860.00	24,011.00						20.94
268	Financial Institution	office paper		8,808.80				55gal=42.35 lbs	USEPA	4.40
	Financial Institution			8,808.80						4.40
269	exterminators	no activity								-
	exterminators									-
270	Assemble office furniture	OCC pick up by scavenger		114,400.00				2.2lbs/med box	USEPA	57.20
	Assemble office furniture	Pallet reuse	4,160.00					40lbs/5 trips	USEPA	2.08
	Assemble office furniture	Pallet pick up by scavenger		20,800.00				40 lbs/pallet	USEPA	10.40
	Assemble office furniture		4,160.00	135,200.00						69.68
271	Financial services	Instashred picks up		686.40				33gal=8 lbs	USEPA	0.34
	Financial services	toner sent back		30.00				2.5 lbs/cartridge	USEPA	0.02
	Financial services			716.40						0.36
272	wood furniture	OCC reuse	1,802.88					OCC=50.08lbs	TELLUS	0.90
	wood furniture	Plastic laminate reuse	520.00					10lbs/wk	business	0.26
	wood furniture	Pallet reuse	12,740.00					7lbs/pallet	USEPA	6.37
	wood furniture	Pallet fixed	3,640.00					Pallet=40lbs/2 trips	USEPA	1.82
	wood furniture	Wood scraps donated	23,726.16					1cy=329.53lbs	TELLUS	11.86
	wood furniture		42,429.04							21.21
273	Wire distributors	OCC reuse	5,720.00					2.2lbs/med box	USEPA	2.86
	Wire distributors	file purge		1,250.00				25 lbs/case	weight	0.63
	Wire distributors	wooden spools reused	3,600.00					150 lbs/spool	weight	1.80
	Wire distributors	wooden skids		7,200.00				pallet size)	weight	3.60
	Wire distributors		9,320.00	8,450.00						8.89
274	temporary staffing service	recycle toner cartridge		45.60				2.5 lbs/cartridge	USEPA	0.02
	temporary staffing service			45.60						0.02
275	Hang gliders-mfg	OCC reuse	4,576.00					2.2lbs/med box	USEPA	2.29
	Hang gliders-mfg	Kraft paper reused	6,500.00					25lbs/day	business	3.25
	Hang gliders-mfg	Reuse foam	1,040.00					20lbs/wk	business	0.52
	Hang gliders-mfg	Wood crates recycled		12,000.00				2000lbs/2 month	business	6.00
	Hang gliders-mfg	Pallets recycled		10,400.00				40lbs/pallet	USEPA	5.20

ALL AUDITED BUSINESSES - CITY OF ORANGE

Ref #	Business Type	Activity Description	Diversion (weight in pounds)					Conversion Factor (weight per count)	Source	Diversion Tons per year
			Source Reduction	Recycling	Metals SR & R	Inerts SR & R	Composting			
	Hang gliders-mfg	OCC recycled		2,600.00				50 lbs/cy	USEPA	1.30
	Hang gliders-mfg		12,116.00	25,000.00						18.56
276	systems	OCC flat		10,416.64				lbs	TELLUS	5.21
	systems	scavengers	15,600.00					100lbs/door	business	7.80
	systems	Aluminum scrap			27,300.00			175 lbs/cy whole		-
	systems		15,600.00	10,416.64	27,300.00					13.01
277	piping distribution	OCC reuse	11,440.00					1.1 lb/box	USEPA	5.72
	piping distribution	gaylord reuse	1,440.00					20 lb/box	field study	0.72
	piping distribution	reduced size of catalogs	900.00					1.5 lb/ea	business	0.45
	piping distribution	bsn)			2,000.00			2,000 lb/yr	business	-
	piping distribution	iron pipe donated			1,000.00			1,000 lb/yr	business	-
	piping distribution	pallet recycling & burning		24,960.00				40 lbs/pallet	USEPA	12.48
	piping distribution	pallet reuse	6,816.00					40 lbs/pallet	USEPA	3.41
	piping distribution	toner cartridge return	17.50					2.5 lbs/ea	USEPA	0.01
	piping distribution		20,613.50	24,960.00	3,000.00					22.79
278	insurance carrier	OCC reuse	1,144.00					2.2lbs/med box	USEPA	0.57
	insurance carrier		1,144.00							0.57
279	First aid supplies	OCC reused	2,080.00					4 lbs/large box	USEPA	1.04
	First aid supplies	Shredded paper recycled		32.00				33 gal=8 lbs	USEPA	0.02
	First aid supplies	Pallet pick up by scavenger		6,240.00				40 lbs/pallet	USEPA	3.12
	First aid supplies		2,080.00	6,272.00						4.18
280	alcohol distributor	OCC recycle		109,200.00				700lbs/bale	USEPA	54.60
	alcohol distributor	Mixed paper		13,086.00				paper=363.5lbs	USEPA	6.54
	alcohol distributor	OCC reuse	8,580.00					1.1lbs/small box	USEPA	4.29
	alcohol distributor	Color glass		103,680.00				broken glass	FEECO	51.84
	alcohol distributor	Pallets recycled		124,800.00				Pallet=40lbs	USEPA	62.40
	alcohol distributor	Pallets repaired	26,000.00					Pallet=40lbs/2 trips	USEPA	13.00
	alcohol distributor		34,580.00	350,766.00						192.67
281	retail	reuse OCC	6,864.00					2.2 lbs/box	USEPA	3.43
	retail	plastic totes displace OCC	858.00					1.1 lbs/box		0.43
	retail	double-sided copies	120.00					5 lbs/ream		0.06
	retail	toy donations	520.00						weight	0.26
	retail		8,362.00							4.18
282	Restaurant	Pallet reuse	640.00					40lbs/5 trips	USEPA	0.32
	Restaurant		640.00							0.32