Contractor's Report to the Board

Significant Tables and Figures

Targeted Statewide Waste Characterization Study:

Characterization and Quantification of Residuals from Materials Recovery Facilities

June 2006

CASCADIA
CONSULTING GROUP

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The tables and figures in this document are excerpted from the Targeted Statewide Waste Characterization Study: Characterization and Quantification of Residuals from Materials Recovery Facilities, California Integrated Waste Management Board Publication #341-06-005. The table and figure names and numbers match those in the full report. For other data and more information, see the complete study or the Executive Summary, available at ciwmb.ca.gov/Publications/default.asp ?pubid=1182. This study used material types based on the CIWMB's standard 67 types with several additional types added. A list of the material types and their definitions used in this study can be found in Appendix C of the report.

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
INTEGRATED WASTE MANAGEMENT BOARD

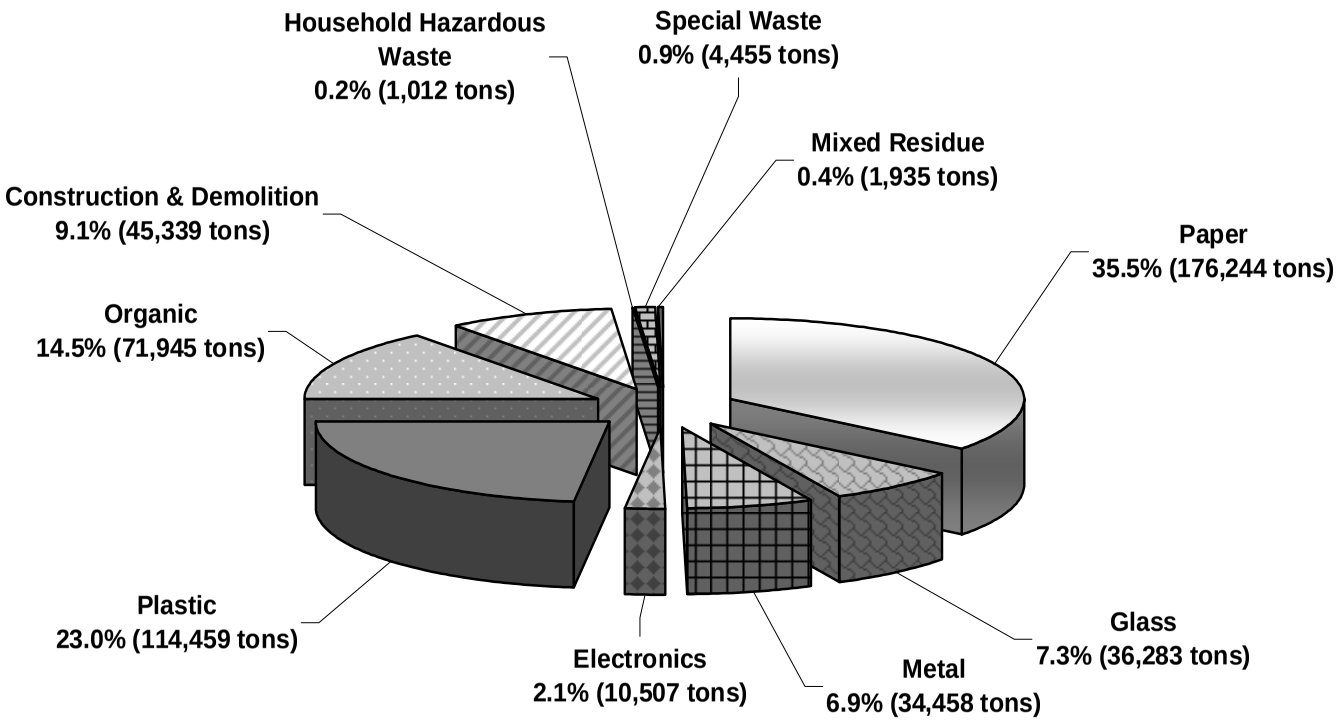
Table 9 – Estimated Distribution of Statewide MRF Types, 2005

MRF Type	Percentage
C&D	12%
Single-Stream	46%
Multi-Stream	18%
Mixed Waste	24%
Total	100%

Table 22 – Average Quantity of Incoming Material and Residuals from Overall MRFs, 2005

MRF Type	Average Quantity of Incoming Material (tons)	Average Residual Quantity (tons)	Average Residual Percent of Total Incoming	Total Statewide Residual Quantity (tons)	Percent of Overall Residual
Single-Stream	52,900	7,400	14%	496,600	6.7%
Multi-Stream	20,900	1,300	6%	35,900	0.5%
Mixed Waste	234,700	189,800	81%	6,678,200	90.6%
C&D	40,000	9,170	23%	161,700	2.2%

Figure F
Summary of Composition of Residuals - MRFs Receiving Single Stream Recyclables, 2005



Total Residual Weight is 496,638 tons
Note: Percentages calculated by weight as the average proportion of each material type to the total residual weight

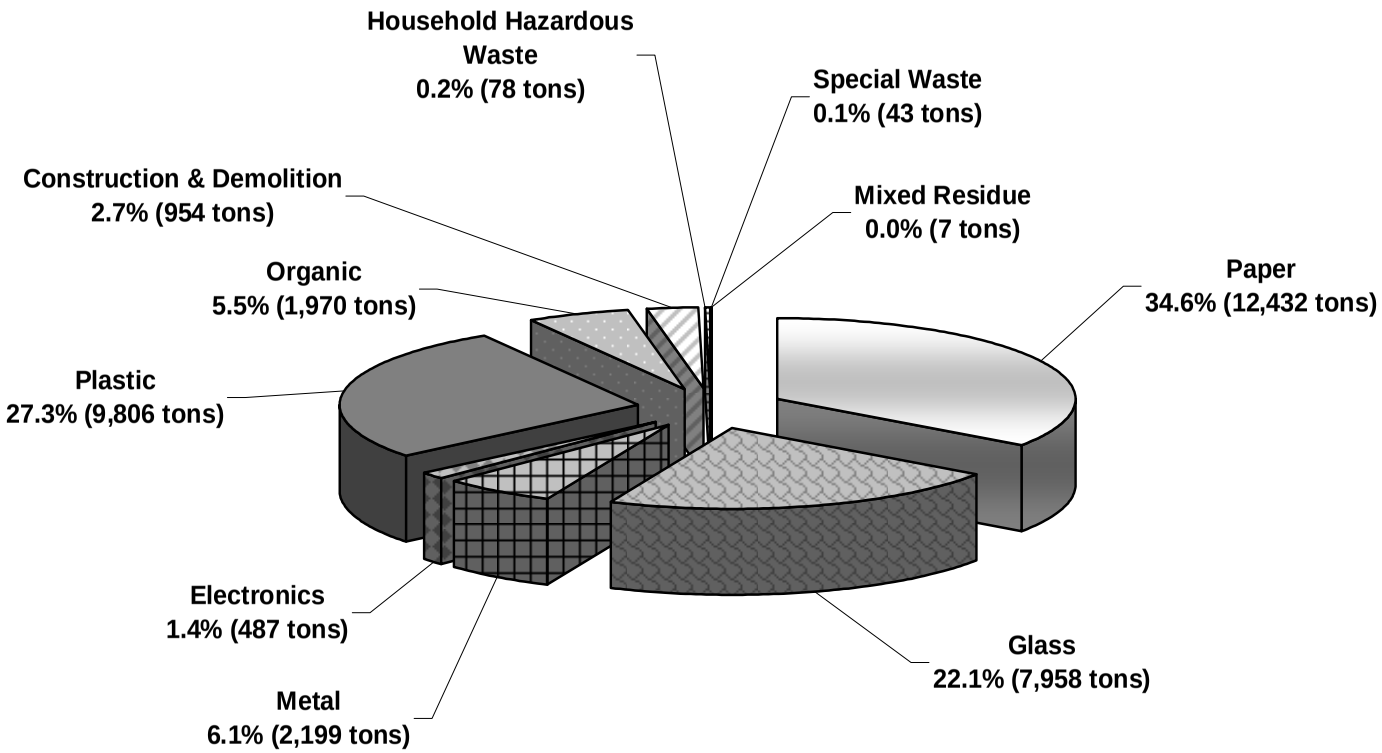
Table 12 - Estimated Residual Composition for California MRFs Receiving Single Stream Recyclables, 2005

	Est. Pct.	+/-	Est. Tons
Paper	**35.5%**	**2.9%**	**176,244**
Uncoated Corrugated Cardboard	4.4%	0.8%	21,825
Paper Bags/Kraft	0.8%	0.1%	4,198
Newspaper	6.9%	1.0%	34,189
White Ledger	0.8%	0.2%	4,079
Colored Ledger	0.2%	0.0%	818
Computer Paper	0.1%	0.0%	288
Other Office Paper	2.3%	0.3%	11,400
Magazines/Catalogs	2.4%	0.4%	11,782
Phone Books/Directories	0.4%	0.1%	1,851
Other Misc. Paper	5.1%	0.6%	25,326
Remainder/Composite Paper	12.2%	1.3%	60,487
Glass	**7.3%**	**1.7%**	**36,283**
Clear Glass Bottles & Containers	0.8%	0.2%	4,218
Green Glass Bottles & Containers	0.6%	0.2%	2,809
Brown Glass Bottles & Containers	0.4%	0.1%	1,788
Other Colored Glass Bottles & Containers	0.1%	0.0%	609
Flat Glass	0.1%	0.0%	463
Mixed Cullet	5.1%	1.5%	25,207
Remainder/Composite Glass	0.2%	0.1%	1,189
Metal	**6.9%**	**0.9%**	**34,458**
Tin/Steel Cans	0.9%	0.1%	4,489
Major Appliances	0.2%	0.1%	1,097
Used Oil Filters	0.0%	0.0%	35
Other Ferrous	3.4%	0.7%	16,720
Aluminum Cans	0.3%	0.0%	1,713
Other Non-Ferrous	0.9%	0.2%	4,353
Remainder/Composite Metal	1.2%	0.3%	6,050
Electronics	**2.1%**	**0.5%**	**10,507**
Brown Goods	0.0%	0.0%	234
Computer-related Electronics	0.5%	0.2%	2,516
Other Small Consumer Electronics	1.4%	0.4%	6,921
TV's & Other CRTs	0.2%	0.1%	837
Plastic	**23.0%**	**2.2%**	**114,459**
PETE Bottles	0.9%	0.1%	4,337
Other PETE Containers	0.6%	0.1%	2,778
HDPE Natural Bottles	0.3%	0.1%	1,583
HDPE Colored Bottles	0.3%	0.1%	1,256
HDPE 5-gallon buckets (Food)	0.0%	0.0%	174
HDPE 5-gallon buckets (Non-Food)	0.3%	0.1%	1,262
Other HDPE Containers	0.4%	0.1%	1,888
#3-#7 Bottles	0.1%	0.0%	470
Other #3-#7 Containers	1.3%	0.2%	6,234
Plastic Trash Bags	0.7%	0.1%	3,509
Grocery/Merch. Bags	1.7%	0.3%	8,660
Non-bag Comm./Ind. Packaging Film	0.7%	0.2%	3,255
Film Products	0.4%	0.2%	2,234
Other Film	3.4%	0.4%	16,776
Durable Plastic Items	3.4%	0.7%	16,907
Remainder/Composite Plastic	8.7%	0.7%	43,138

	Est. Pct.	+/-	Est. Tons
Organic	**14.5%**	**1.5%**	**71,945**
Food	3.3%	0.5%	16,611
Leaves and Grass	0.6%	0.3%	3,184
Prunings & Trimmings	0.7%	0.2%	3,607
Branches & Stumps	0.1%	0.0%	561
Agricultural Crop	0.0%	0.0%	65
Manures	0.1%	0.1%	602
Textiles	5.7%	0.8%	28,120
Carpet	0.6%	0.2%	3,166
Remainder/Composite Organics	3.2%	0.5%	16,028
Construction & Demolition	**9.1%**	**1.7%**	**45,339**
Concrete	1.4%	0.7%	7,177
Asphalt Paving	0.1%	0.0%	375
Asphalt Roofing	0.2%	0.1%	834
Lumber	1.6%	0.3%	7,934
Treated Wood Waste	2.2%	0.5%	11,150
Gypsum Board	0.1%	0.0%	614
Rock, Soil, Fines	2.6%	0.6%	13,065
Remainder/Composite C&D	0.8%	0.2%	4,190
Household Hazardous Waste	**0.2%**	**0.1%**	**1,012**
Paint	0.1%	0.0%	353
Vehicle & Equip. Fluids	0.0%	0.0%	37
Used Oil	0.0%	0.0%	0
Batteries	0.1%	0.0%	401
Remainder/Composite HHW	0.0%	0.0%	221
Special Waste	**0.9%**	**0.5%**	**4,455**
Ash	0.0%	0.0%	0
Sewage Solids	0.0%	0.0%	0
Industrial Sludge	0.0%	0.0%	0
Treated Medical Waste	0.0%	0.0%	58
Bulky Items	0.3%	0.1%	1,396
Tires	0.6%	0.2%	2,837
Remainder/Composite Special Waste	0.0%	0.0%	164
Mixed Residue	**0.4%**	**0.2%**	**1,935**
Totals	**100.0%**		**496,638**
Sample count:	**118**		

Notes: Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding.
Estimated Percentages calculated by weight as the average proportion of each material type to the total residual weight

Figure G
Summary of Composition of Residuals - MRFs Receiving Multi-Stream or Separated Recyclables, 2005



Total Residual Weight is 35,931 tons
Note: Percentages calculated by weight as the average proportion of each material type to the total residual weight

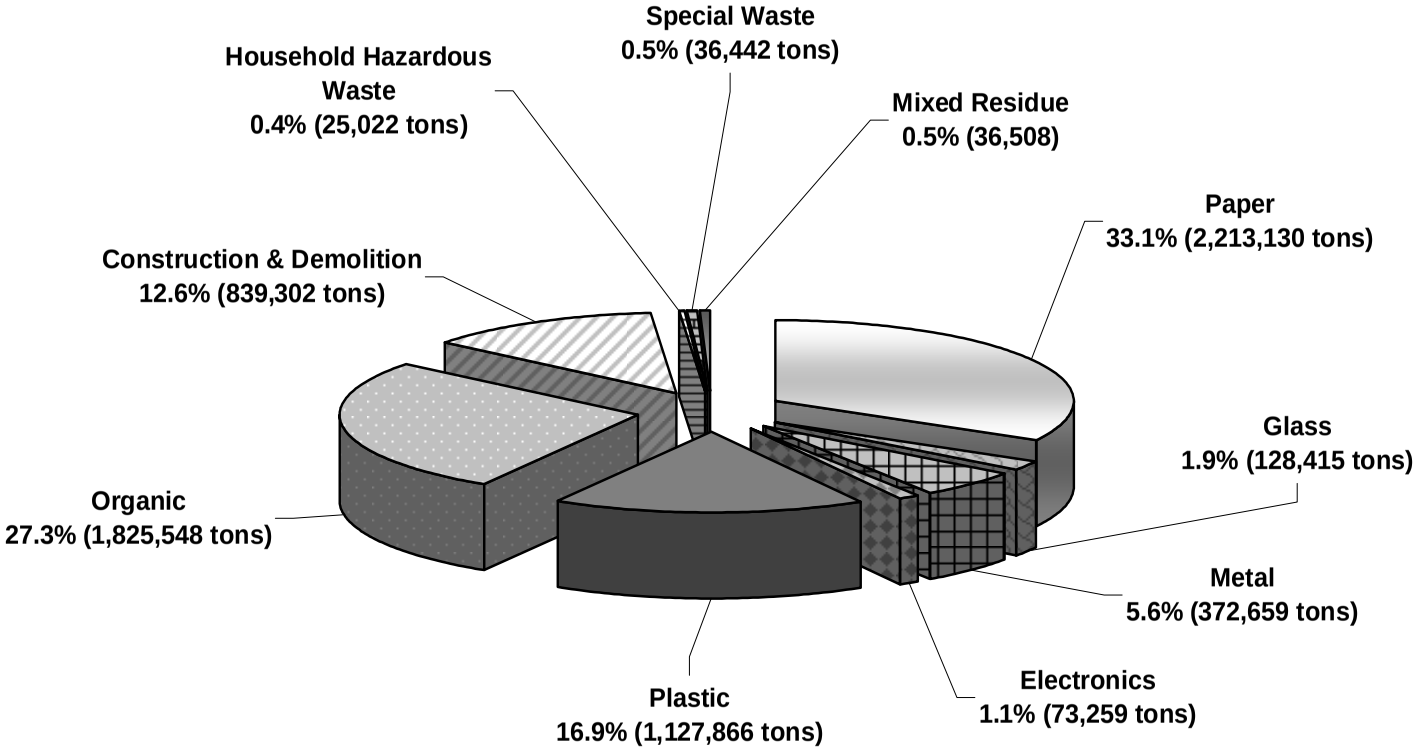
Table 15 - Estimated Residual Composition for California MRFs Receiving Multi-Stream or Separated Recyclables, 2005

	Est. Pct.	+/-	Est. Tons
Paper	**34.6%**	**3.2%**	**12,432**
Uncoated Corrugated Cardboard	2.5%	0.6%	887
Paper Bags/Kraft	1.0%	0.2%	343
Newspaper	9.4%	1.6%	3,364
White Ledger	2.8%	1.0%	995
Colored Ledger	0.1%	0.0%	20
Computer Paper	0.2%	0.1%	78
Other Office Paper	1.8%	0.4%	656
Magazines/Catalogs	5.0%	1.0%	1,779
Phone Books/Directories	0.5%	0.2%	172
Other Misc. Paper	5.5%	0.6%	1,966
Remainder/Composite Paper	6.0%	1.1%	2,172
Glass	**22.1%**	**3.5%**	**7,958**
Clear Glass Bottles & Containers	5.6%	1.2%	2,011
Green Glass Bottles & Containers	3.5%	0.6%	1,274
Brown Glass Bottles & Containers	2.1%	0.5%	755
Other Colored Glass Bottles & Containers	0.2%	0.1%	62
Flat Glass	0.1%	0.1%	53
Mixed Cullet	9.8%	2.7%	3,523
Remainder/Composite Glass	0.8%	0.3%	281
Metal	**6.1%**	**0.9%**	**2,199**
Tin/Steel Cans	2.5%	0.6%	898
Major Appliances	0.0%	0.0%	0
Used Oil Filters	0.0%	0.0%	0
Other Ferrous	0.7%	0.3%	258
Aluminum Cans	1.1%	0.2%	398
Other Non-Ferrous	1.1%	0.3%	407
Remainder/Composite Metal	0.7%	0.3%	238
Electronics	**1.4%**	**0.6%**	**487**
Brown Goods	0.1%	0.0%	25
Computer-related Electronics	0.5%	0.3%	192
Other Small Consumer Electronics	0.7%	0.3%	266
TV's & Other CRTs	0.0%	0.0%	3
Plastic	**27.3%**	**2.6%**	**9,806**
PETE Bottles	1.5%	0.3%	556
Other PETE Containers	1.7%	0.4%	607
HDPE Natural Bottles	0.6%	0.2%	233
HDPE Colored Bottles	0.9%	0.1%	312
HDPE 5-gallon buckets (Food)	0.2%	0.1%	66
HDPE 5-gallon buckets (Non-Food)	0.4%	0.2%	129
Other HDPE Containers	0.7%	0.2%	254
#3-#7 Bottles	0.3%	0.1%	102
Other #3-#7 Containers	3.2%	0.5%	1,144
Plastic Trash Bags	0.8%	0.3%	277
Grocery/Merch. Bags	1.6%	0.3%	557
Non-bag Comm./Ind. Packaging Film	0.7%	0.3%	265
Film Products	0.1%	0.0%	22
Other Film	3.0%	0.6%	1,093
Durable Plastic Items	2.3%	0.7%	839
Remainder/Composite Plastic	9.3%	1.1%	3,348

	Est. Pct.	+/-	Est. Tons
Organic	**5.5%**	**1.2%**	**1,970**
Food	3.1%	0.9%	1,118
Leaves and Grass	0.2%	0.1%	66
Prunings & Trimmings	0.2%	0.1%	57
Branches & Stumps	0.0%	0.0%	0
Agricultural Crop	0.0%	0.0%	9
Manures	0.0%	0.0%	0
Textiles	1.0%	0.4%	375
Carpet	0.0%	0.0%	5
Remainder/Composite Organics	0.9%	0.2%	340
Construction & Demolition	**2.7%**	**0.8%**	**954**
Concrete	0.1%	0.1%	50
Asphalt Paving	0.0%	0.0%	0
Asphalt Roofing	0.0%	0.0%	2
Lumber	0.7%	0.3%	244
Treated Wood Waste	0.8%	0.4%	270
Gypsum Board	0.0%	0.0%	5
Rock, Soil, Fines	0.4%	0.2%	134
Remainder/Composite C&D	0.7%	0.3%	249
Household Hazardous Waste	**0.2%**	**0.1%**	**78**
Paint	0.0%	0.0%	2
Vehicle & Equip. Fluids	0.0%	0.0%	0
Used Oil	0.0%	0.0%	0
Batteries	0.1%	0.0%	20
Remainder/Composite HHW	0.2%	0.1%	55
Special Waste	**0.1%**	**0.1%**	**43**
Ash	0.0%	0.0%	0
Sewage Solids	0.0%	0.0%	0
Industrial Sludge	0.0%	0.0%	0
Treated Medical Waste	0.0%	0.0%	1
Bulky Items	0.0%	0.0%	9
Tires	0.1%	0.0%	18
Remainder/Composite Special Waste	0.0%	0.0%	15
Mixed Residue	**0.0%**	**0.0%**	**7**
Totals	**100.0%**		**35,931**
Sample count:	**62**		

Notes: Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding.
Estimated Percentages calculated by weight as the average proportion of each material type to the total residual weight

Figure H
Summary of Composition of Residuals - MRFs Receiving Mixed Waste, 2005



Total Residual Weight is 6,678,151 tons
Note: Percentages calculated by weight as the average proportion of each material type to the total residual weight

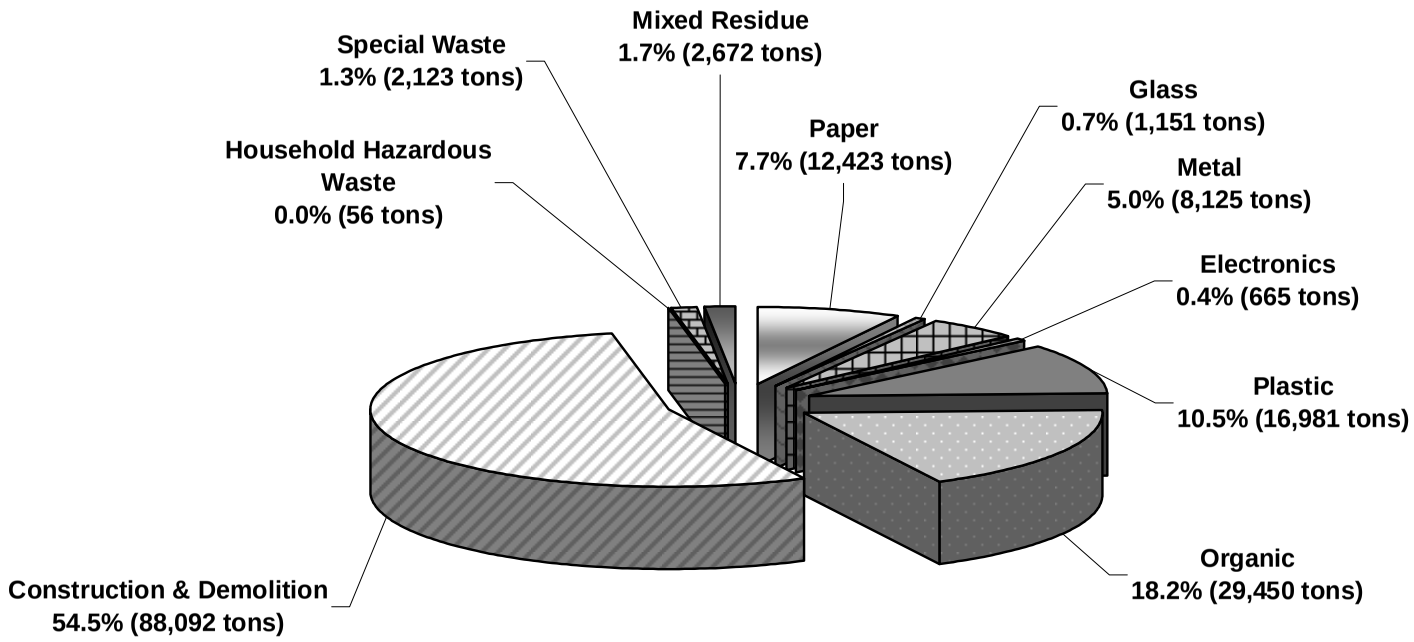
Table 18 - Estimated Residual Composition for California MRFs Receiving Mixed Waste, 2005

	Est. Pct.	+/-	Est. Tons
Paper	**33.1%**	**1.8%**	**2,213,130**
Uncoated Corrugated Cardboard	4.3%	0.4%	284,205
Paper Bags/Kraft	0.7%	0.1%	45,834
Newspaper	4.2%	0.5%	278,891
White Ledger	1.8%	0.3%	120,169
Colored Ledger	0.2%	0.0%	13,761
Computer Paper	0.0%	0.0%	1,676
Other Office Paper	2.5%	0.3%	166,522
Magazines/Catalogs	2.5%	0.4%	163,624
Phone Books/Directories	0.2%	0.1%	12,360
Other Misc. Paper	4.7%	0.4%	310,598
Remainder/Composite Paper	12.2%	1.1%	815,491
Glass	**1.9%**	**0.3%**	**128,415**
Clear Glass Bottles & Containers	0.8%	0.2%	54,896
Green Glass Bottles & Containers	0.2%	0.1%	15,722
Brown Glass Bottles & Containers	0.2%	0.1%	11,930
Other Colored Glass Bottles & Containers	0.0%	0.0%	519
Flat Glass	0.1%	0.0%	3,497
Mixed Cullet	0.4%	0.1%	25,861
Remainder/Composite Glass	0.2%	0.1%	15,991
Metal	**5.6%**	**0.8%**	**372,659**
Tin/Steel Cans	1.1%	0.2%	74,031
Major Appliances	0.2%	0.1%	10,799
Used Oil Filters	0.0%	0.0%	305
Other Ferrous	2.0%	0.5%	136,782
Aluminum Cans	0.3%	0.0%	18,331
Other Non-Ferrous	0.7%	0.2%	49,703
Remainder/Composite Metal	1.2%	0.3%	82,706
Electronics	**1.1%**	**0.3%**	**73,259**
Brown Goods	0.3%	0.1%	20,966
Computer-related Electronics	0.4%	0.1%	23,838
Other Small Consumer Electronics	0.4%	0.1%	28,122
TV's & Other CRTs	0.0%	0.0%	333
Plastic	**16.9%**	**1.1%**	**1,127,866**
PETE Bottles	0.7%	0.1%	43,746
Other PETE Containers	0.1%	0.0%	9,710
HDPE Natural Bottles	0.3%	0.1%	19,636
HDPE Colored Bottles	0.3%	0.1%	17,303
HDPE 5-gallon buckets (Food)	0.1%	0.0%	4,852
HDPE 5-gallon buckets (Non-Food)	0.3%	0.1%	21,262
Other HDPE Containers	0.1%	0.0%	6,097
#3-#7 Bottles	0.1%	0.0%	6,863
Other #3-#7 Containers	0.8%	0.1%	53,697
Plastic Trash Bags	1.3%	0.2%	87,248
Grocery/Merch. Bags	1.1%	0.2%	76,432
Non-bag Comm./Ind. Packaging Film	1.8%	0.4%	117,378
Film Products	0.1%	0.1%	8,592
Other Film	3.7%	0.4%	246,411
Durable Plastic Items	1.2%	0.2%	80,524
Remainder/Composite Plastic	4.9%	0.5%	328,115

	Est. Pct.	+/-	Est. Tons
Organic	**27.3%**	**2.4%**	**1,825,548**
Food	10.4%	1.3%	691,353
Leaves and Grass	7.9%	1.9%	530,628
Prunings & Trimmings	1.0%	0.3%	63,914
Branches & Stumps	0.3%	0.1%	22,940
Agricultural Crop	0.0%	0.0%	2,710
Manures	0.0%	0.0%	1,879
Textiles	2.4%	0.4%	163,550
Carpet	0.3%	0.1%	22,798
Remainder/Composite Organics	4.9%	0.7%	325,776
Construction & Demolition	**12.6%**	**2.0%**	**839,302**
Concrete	0.6%	0.2%	41,868
Asphalt Paving	0.0%	0.0%	215
Asphalt Roofing	0.2%	0.1%	12,605
Lumber	3.1%	0.6%	204,749
Treated Wood Waste	1.9%	0.4%	127,948
Gypsum Board	0.8%	0.3%	52,064
Rock, Soil, Fines	3.2%	0.6%	216,690
Remainder/Composite C&D	2.7%	0.8%	183,161
Household Hazardous Waste	**0.4%**	**0.1%**	**25,022**
Paint	0.0%	0.0%	1,232
Vehicle & Equip. Fluids	0.0%	0.0%	0
Used Oil	0.0%	0.0%	459
Batteries	0.3%	0.1%	19,319
Remainder/Composite HHW	0.1%	0.0%	4,012
Special Waste	**0.5%**	**0.4%**	**36,442**
Ash	0.0%	0.0%	1,111
Sewage Solids	0.0%	0.0%	0
Industrial Sludge	0.0%	0.0%	0
Treated Medical Waste	0.0%	0.0%	90
Bulky Items	0.0%	0.0%	0
Tires	0.0%	0.0%	1,566
Remainder/Composite Special Waste	0.5%	0.2%	33,675
Mixed Residue	**0.5%**	**0.2%**	**36,508**
Totals	**100.0%**		**6,678,151**
Sample count:	**120**		

Notes: Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding.
Estimated Percentages calculated by weight as the average proportion of each material type to the total residual weight

Figure I
Summary of Composition of Residuals - MRFs Receiving Construction and Demolition Materials, 2005



Total Residual Weight is 161,736 tons
Note: Percentages calculated by weight as the average proportion of each material type to the total residual weight

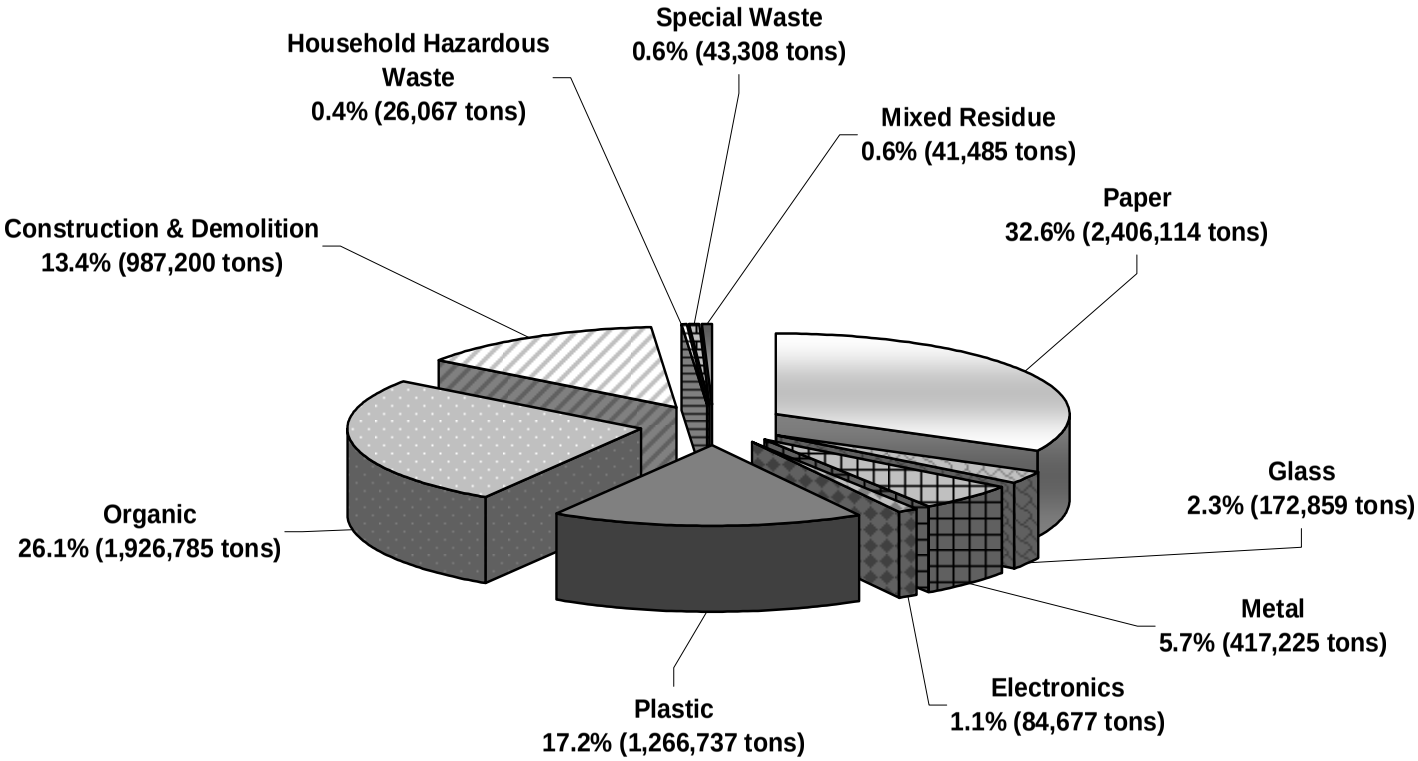
Table 21 - Estimated Residual Composition for California MRFs Receiving Construction and Demolition Materials, 2005

	Est. Pct.	+/-	Est. Tons
Paper	**7.7%**	**1.2%**	**12,423**
Uncoated Corrugated Cardboard	2.2%	0.4%	3,596
Paper Bags/Kraft	0.5%	0.1%	844
Newspaper	0.8%	0.2%	1,334
White Ledger	0.2%	0.1%	337
Colored Ledger	0.0%	0.0%	31
Computer Paper	0.0%	0.0%	8
Other Office Paper	0.4%	0.1%	650
Magazines/Catalogs	0.4%	0.2%	679
Phone Books/Directories	0.2%	0.1%	246
Other Misc. Paper	1.1%	0.2%	1,858
Remainder/Composite Paper	1.8%	0.4%	2,840
Glass	**0.7%**	**0.3%**	**1,151**
Clear Glass Bottles & Containers	0.1%	0.0%	94
Green Glass Bottles & Containers	0.0%	0.0%	49
Brown Glass Bottles & Containers	0.3%	0.2%	506
Other Colored Glass Bottles & Containers	0.0%	0.0%	9
Flat Glass	0.0%	0.0%	49
Mixed Cullet	0.0%	0.0%	55
Remainder/Composite Glass	0.2%	0.1%	389
Metal	**5.0%**	**0.9%**	**8,125**
Tin/Steel Cans	0.1%	0.0%	222
Major Appliances	0.0%	0.0%	0
Used Oil Filters	0.0%	0.0%	0
Other Ferrous	2.0%	0.5%	3,276
Aluminum Cans	0.1%	0.0%	84
Other Non-Ferrous	0.6%	0.2%	903
Remainder/Composite Metal	2.3%	0.6%	3,639
Electronics	**0.4%**	**0.2%**	**665**
Brown Goods	0.0%	0.0%	0
Computer-related Electronics	0.1%	0.0%	83
Other Small Consumer Electronics	0.3%	0.1%	507
TV's & Other CRTs	0.0%	0.0%	75
Plastic	**10.5%**	**1.4%**	**16,981**
PETE Bottles	0.1%	0.0%	206
Other PETE Containers	0.0%	0.0%	11
HDPE Natural Bottles	0.1%	0.0%	82
HDPE Colored Bottles	0.1%	0.0%	111
HDPE 5-gallon buckets (Food)	0.0%	0.0%	0
HDPE 5-gallon buckets (Non-Food)	0.2%	0.1%	391
Other HDPE Containers	0.1%	0.1%	231
#3-#7 Bottles	0.0%	0.0%	15
Other #3-#7 Containers	0.3%	0.1%	501
Plastic Trash Bags	0.3%	0.1%	538
Grocery/Merch. Bags	0.3%	0.1%	438
Non-bag Comm./Ind. Packaging Film	0.3%	0.1%	533
Film Products	1.1%	0.4%	1,807
Other Film	0.7%	0.2%	1,194
Durable Plastic Items	2.2%	0.6%	3,593
Remainder/Composite Plastic	4.5%	0.8%	7,330

	Est. Pct.	+/-	Est. Tons
Organic	**18.2%**	**3.2%**	**29,450**
Food	0.3%	0.1%	485
Leaves and Grass	5.7%	1.7%	9,178
Prunings & Trimmings	4.8%	1.3%	7,738
Branches & Stumps	0.9%	0.4%	1,506
Agricultural Crop	0.0%	0.0%	3
Manures	0.0%	0.0%	0
Textiles	2.3%	0.6%	3,706
Carpet	2.6%	1.1%	4,285
Remainder/Composite Organics	1.6%	0.5%	2,550
Construction & Demolition	**54.5%**	**3.8%**	**88,092**
Concrete	5.0%	1.3%	8,096
Asphalt Paving	1.0%	0.4%	1,621
Asphalt Roofing	2.4%	0.7%	3,898
Lumber	13.9%	1.7%	22,473
Treated Wood Waste	10.0%	1.6%	16,251
Gypsum Board	4.8%	1.5%	7,768
Rock, Soil, Fines	7.2%	1.8%	11,694
Remainder/Composite C&D	10.1%	1.9%	16,291
Household Hazardous Waste	**0.0%**	**0.0%**	**56**
Paint	0.0%	0.0%	0
Vehicle & Equip. Fluids	0.0%	0.0%	0
Used Oil	0.0%	0.0%	17
Batteries	0.0%	0.0%	4
Remainder/Composite HHW	0.0%	0.0%	35
Special Waste	**1.3%**	**1.4%**	**2,123**
Ash	0.0%	0.0%	0
Sewage Solids	0.0%	0.0%	0
Industrial Sludge	0.0%	0.0%	0
Treated Medical Waste	0.1%	0.1%	203
Bulky Items	1.0%	0.5%	1,587
Tires	0.2%	0.1%	332
Remainder/Composite Special Waste	0.0%	0.0%	0
Mixed Residue	**1.7%**	**0.9%**	**2,672**
Totals	**100.0%**		**161,736**
Sample count:	**90**		

Notes: Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding.
Estimated Percentages calculated by weight as the average proportion of each material type to the total residual weight

Figure J
Summary of Composition of Residuals - Overall MRFs, 2005



Total Residual Weight is 7,372,456 tons
Note: Percentages calculated by weight as the average proportion of each material type to the total residual weight

Table 23 - Estimated Residual Composition for Overall California MRFs, 2005

	Est. Pct.	+/-	Est. Tons
Paper	**32.6%**	**0.9%**	**2,406,114**
Uncoated Corrugated Cardboard	4.2%	0.2%	309,909
Paper Bags/Kraft	0.7%	0.0%	51,157
Newspaper	4.3%	0.3%	316,549
White Ledger	1.7%	0.2%	125,075
Colored Ledger	0.2%	0.0%	14,575
Computer Paper	0.0%	0.0%	2,039
Other Office Paper	2.4%	0.2%	178,587
Magazines/Catalogs	2.4%	0.2%	177,168
Phone Books/Directories	0.2%	0.1%	14,609
Other Misc. Paper	4.6%	0.2%	338,615
Remainder/Composite Paper	11.9%	0.5%	877,830
Glass	**2.3%**	**0.3%**	**172,859**
Clear Glass Bottles & Containers	0.8%	0.1%	60,871
Green Glass Bottles & Containers	0.3%	0.0%	19,708
Brown Glass Bottles & Containers	0.2%	0.0%	14,974
Other Colored Glass Bottles & Containers	0.0%	0.0%	1,191
Flat Glass	0.1%	0.0%	4,052
Mixed Cullet	0.7%	0.1%	54,227
Remainder/Composite Glass	0.2%	0.1%	17,838
Metal	**5.7%**	**0.5%**	**417,225**
Tin/Steel Cans	1.1%	0.1%	79,307
Major Appliances	0.2%	0.1%	11,848
Used Oil Filters	0.0%	0.0%	339
Other Ferrous	2.1%	0.4%	157,033
Aluminum Cans	0.3%	0.0%	20,437
Other Non-Ferrous	0.8%	0.2%	55,297
Remainder/Composite Metal	1.3%	0.2%	92,966
Electronics	**1.1%**	**0.2%**	**84,677**
Brown Goods	0.3%	0.1%	21,137
Computer-related Electronics	0.4%	0.1%	26,526
Other Small Consumer Electronics	0.5%	0.1%	35,755
TV's & Other CRTs	0.0%	0.0%	1,258
Plastic	**17.2%**	**0.6%**	**1,266,737**
PETE Bottles	0.7%	0.0%	48,654
Other PETE Containers	0.2%	0.0%	13,019
HDPE Natural Bottles	0.3%	0.0%	21,449
HDPE Colored Bottles	0.3%	0.0%	18,907
HDPE 5-gallon buckets (Food)	0.1%	0.0%	5,067
HDPE 5-gallon buckets (Non-Food)	0.3%	0.1%	23,020
Other HDPE Containers	0.1%	0.0%	8,466
#3-#7 Bottles	0.1%	0.0%	7,417
Other #3-#7 Containers	0.8%	0.1%	61,357
Plastic Trash Bags	1.2%	0.1%	91,290
Grocery/Merch. Bags	1.2%	0.2%	85,791
Non-bag Comm./Ind. Packaging Film	1.6%	0.3%	121,026
Film Products	0.2%	0.1%	12,961
Other Film	3.6%	0.2%	264,564
Durable Plastic Items	1.4%	0.2%	102,113
Remainder/Composite Plastic	5.2%	0.3%	381,635

	Est. Pct.	+/-	Est. Tons
Organic	**26.1%**	**1.2%**	**1,926,785**
Food	9.6%	0.6%	706,700
Leaves and Grass	7.4%	0.9%	542,662
Prunings & Trimmings	1.0%	0.3%	76,547
Branches & Stumps	0.3%	0.2%	25,205
Agricultural Crop	0.0%	0.0%	2,776
Manures	0.0%	0.0%	2,472
Textiles	2.7%	0.2%	195,666
Carpet	0.4%	0.1%	30,983
Remainder/Composite Organics	4.7%	0.3%	343,774
Construction & Demolition	**13.4%**	**1.2%**	**987,200**
Concrete	0.8%	0.2%	58,567
Asphalt Paving	0.0%	0.0%	2,526
Asphalt Roofing	0.2%	0.1%	18,044
Lumber	3.2%	0.4%	238,900
Treated Wood Waste	2.1%	0.3%	158,205
Gypsum Board	0.8%	0.3%	61,752
Rock, Soil, Fines	3.3%	0.4%	242,918
Remainder/Composite C&D	2.8%	0.6%	206,289
Household Hazardous Waste	**0.4%**	**0.2%**	**26,067**
Paint	0.0%	0.0%	1,580
Vehicle & Equip. Fluids	0.0%	0.0%	36
Used Oil	0.0%	0.0%	477
Batteries	0.3%	0.2%	19,664
Remainder/Composite HHW	0.1%	0.0%	4,309
Special Waste	**0.6%**	**0.4%**	**43,308**
Ash	0.0%	0.0%	1,107
Sewage Solids	0.0%	0.0%	0
Industrial Sludge	0.0%	0.0%	0
Treated Medical Waste	0.0%	0.0%	391
Bulky Items	0.0%	0.0%	3,296
Tires	0.1%	0.0%	4,800
Remainder/Composite Special Waste	0.5%	0.3%	33,714
Mixed Residue	**0.6%**	**0.2%**	**41,485**
Totals	**100.0%**		**7,372,456**
Sample count:	**390**		

Notes: Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding.
Estimated Percentages calculated by weight as the average proportion of each material type to the total residual weight