

## SOUTH CAROLINA

## 2007 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 276

2 Quantity of RCRA Hazardous Waste Generated: 151,431 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2007

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	SCR000002006	NUCOR STEEL BERKELEY COUNTY	HUGER	53,219
2	SCD044940369	NUCOR STEEL SC DARLINGTON	DARLINGTON	16,427
3	SCD003353760	CMC STEEL SOUTH CAROLINA	CAYCE	10,985
4	SCD043384072	ALBEMARLE CORP ORANGEBURG PLT	ORANGEBURG	8,088
5	SCD991277716	ARCELORMITTAL GEORGETOWN	GEORGETOWN	7,808
6	SCD003351699	GIANT CEMENT COMPANY	HARLEYVILLE	6,986
7	SCD987597820	ROCHE CAROLINA INC	FLORENCE	5,357
8	SCD070375985	PINEWOOD SITE PS	PINEWOOD	5,037
9	SCD077995488	SAFETY KLEEN SYSTEMS INC LEXINGTON	LEXINGTON	3,455
10	SCD086862950	NATION FORD CHEMICAL CO	FORT MILL	2,791
11	SCR000006155	CONBRACO INDUSTRIES INC	PAGELAND	2,254
12	SCD042627448	ELGIN FINE CHEMICALS INC	ELGIN	1,930
13	SCD000003558	KEMET ELECTRONICS CORP BUILDING 1	SIMPSONVILLE	1,176
14	SCR000767699	EXXON MOBIL OIL CORP R0489	PORT ROYAL	1,168
15	SCD980500052	3V INC	GEORGETOWN	1,063
16	SCR000003806	ATOTECH USA INC ROCK HILL	ROCK HILL	1,036
17	SCD987579943	OAK MITSUI INC	CAMDEN	957
18	SCR000763045	TRINITY HIGHWAY PRODUCTS LLC	ORANGEBURG	922
19	SCD097366165	ALUMAX OF SC	GOOSE CREEK	917
20	SCD047555453	CONSOLIDATED METAL PRODUCTS	COLUMBIA	835
21	SCD003358389	RHODIA INC	CHARLESTON	770
22	SCD070365051	SYMRISE INC BUSHY PARK PLT	GOOSE CREEK	703
23	SCR000004168	IRIX MANUFACTURING INC	GREENVILLE	671
24	SCD981920374	GREENWOOD PLATING INC	GREENWOOD	652
25	SCR000761171	COYNE TEXTILE SERVICES	DUNCAN	580
26	SCD987571551	FUJI PHOTO FILM INC	GREENWOOD	544
27	SCD981014780	INCHEM CORPORATION	ROCK HILL	494
28	SCR000006114	INDUSTRIAL GALVANIZERS COLUMBIA	WEST COLUMBIA	483
29	SCD047554753	CRYOVAC SIMPSONVILLE	SIMPSONVILLE	420
30	SCD981479710	ORTEC INCORPORATED	EASLEY	408
31	SCR000006429	IRIX PHARMACEUTICALS INC	FLORENCE	403
32	SCD982106932	SOUTH ATLANTIC GALVANIZING	TRAVELERS REST	398
33	SCD062690557	AVX CORPORATION MYRTLE BEACH	MYRTLE BEACH	390
34	SCD982085813	POSSEHL CONNECTOR SERVICES SC INC	ROCK HILL	368
35	SCD981866007	BASF CATALYSTS LLC	SENECA	362
36	SC1890008989	DOE/WSRC SAVANNAH RIVER SITE	JACKSON	358
37	SCR000006270	CATERPILLAR INC PRECISION PARTS PROD GR	SUMTER	328
38	SCR000073833	COATEX LLC	CHESTER	296
39	SCD041387762	EASTMEN CHEMICAL COMPANY	WEST COLUMBIA	273
40	SCD987582632	HITACHI ELECTRONIC DEVICES USA	GREENVILLE	267
41	SCD003341849	ROY METAL FINISHING CO INC	CONESTEE	249
42	SCD003361714	CYTEC CARBON FIBERS LLC GREENVILLE SC	PIEDMONT	245
43	SCD987584778	SUMTER TRANSPORT CO	SUMTER	236
44	SCR000000505	PLASTIC OMNIUM AUTO EXTERIORS	ANDERSON	227
45	SCR000003848	SUMTER COATINGS INC	SUMTER	223
46	SCD003368891	HOLCIM US INC GEOCYCLE LLC	HOLLY HILL	214
47	SCD055207617	ARRMAZ SPECIALTY CHEMICALS	SEABROOK	213
48	SCD987595451	CYTEC INDUSTRIES INC NORTH AUGUSTA PLANT	NORTH AUGUSTA	210
49	SCD987594991	GIANT RESOURCE RECOVERY RAIL HEAD	SUMTER	185
50	SCD000608331	SOLIANT LLC	LANCASTER	185
<b>Total</b>				<b>143,765</b>

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.

## SOUTH CAROLINA

## 2007 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2007 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	5,360	ONLY AN F CODE	5,350		
ONLY CORROSIVE	1,359	ONLY A K CODE	78,335		
ONLY REACTIVE	51	ONLY A P CODE	19		
ONLY D004-17	5,699	ONLY A U CODE	277		
ONLY D018-43	182				
HAS MORE THAN ONE CHARACTERISTIC CODE	8,388	HAS MORE THAN ONE LISTED CODE	286		
<b>TOTAL</b>	<b>21,039</b>	<b>TOTAL</b>	<b>84,268</b>	<b>Both Characteristic and Listed</b>	<b>46,123</b>

## 5 Quantities of Waste Generated in 2007 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	5,335			IGN. W/ AT LEAST 1 LSTD	28,279
HAS CORROSIVE CODE	4,598			CORR. W/ AT LEAST 1 LSTD	764
HAS REACTIVE CODE	42			REACT. W/ AT LEAST 1 LSTD	33
HAS D004-D017 CODE	4,177			D004-17 W/ AT LEAST 1 LSTD	13,393
HAS D018-D043 CODE	3,561			D018-43 W/ AT LEAST 1 LSTD	12,058
		HAS AN F CODE	286	F WASTE W/ AT LEAST 1 CHAR	34,917
		HAS A K CODE	108	K WASTE W/ AT LEAST 1 CHAR	10,985
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	57
		HAS A U CODE	178	U WASTE W/ AT LEAST 1 CHAR	182
<b>TOTAL</b>	<b>8,388</b>	<b>TOTAL</b>	<b>286</b>	<b>TOTAL</b>	<b>46,123</b>

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, F005, D007, D008, D003, F002, D035, D006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2007, by NAICS Code

Rank	NAICS	Description	Tons Generated
1	3311	Iron and Steel Mills and Ferroalloy Manufacturing	79,378
2	3254	Pharmaceutical and Medicine Manufacturing	14,157
3	2359	Other Special Trade Contractors	10,985
4	3273	Cement and Concrete Product Manufacturing	7,200
5	3251	Basic Chemical Manufacturing	6,040
6	5622	Waste Treatment and Disposal	5,119
7	3328	Coating, Engraving, Heat Treating, and Allied Activities	4,018
8	3252	Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing	3,994
9	5122	Sound Recording Industries	3,640
10	3329	Other Fabricated Metal Product Manufacturing	2,769
<b>Total</b>			<b>137,300</b>

## SOUTH CAROLINA

### 2007 WASTE MANAGEMENT

**8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 10**

**9 Quantity of RCRA Hazardous Waste Managed: 201,943 Tons**

**10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2007**

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	SCD003351699	GIANT CEMENT COMPANY	HARLEYVILLE	85,553
2	SCD003368891	HOLCIM US INC GEOCYCLE LLC	HOLLY HILL	52,278
3	SCD036275626	GIANT RESOURCE RECOVERY SUMTER INC	SUMTER	44,146
4	SCD077995488	SAFETY KLEEN SYSTEMS INC LEXINGTON	LEXINGTON	13,767
5	SCD043384072	ALBEMARLE CORP ORANGEBURG PLT	ORANGEBURG	6,007
6	SCD002038545	T&S BRASS & BRONZE WORKS INC	TRAVELERS REST	153
7	SCD003341849	ROY METAL FINISHING CO INC	CONESTEE	38
8	SC3210020449	USATC & FORT JACKSON	FORT JACKSON	0
9	SC8170022620	USN CHARLESTON NAVAL WEAPONS STATION	GOOSE CREEK	0
10	SC1750216169	USMC AIR STATION	BEAUFORT	0
<b>Total</b>				<b>201,943</b>

Note: Column may not sum to total due to rounding.  
 State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
 Facilities reporting storage only and their quantity managed are excluded.

## SOUTH CAROLINA

## 2007 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2007

Management Method	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
AQUEOUS INORGANIC TREATMENT	152	0.1	1	10.0
ENERGY RECOVERY	143,838	71.2	3	30.0
FUEL BLENDING	43,290	21.4	1	10.0
INCINERATION	1	0.0	3	30.0
LAND TREATMENT/APPLICATION/FARMING	0	0.0	1	10.0
OTHER TREATMENT	1,661	0.8	1	10.0
SLUDGE TREATMENT	38	0.0	1	10.0
SOLVENTS RECOVERY	12,962	6.4	3	30.0
	201,943	100.0	10	

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2007

Management Method	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	143,838	71.2	3	30.0
FUEL BLENDING	43,290	21.4	1	10.0
SOLVENTS RECOVERY	12,962	6.4	3	30.0
OTHER TREATMENT	1,661	0.8	1	10.0
AQUEOUS INORGANIC TREATMENT	152	0.1	1	10.0
SLUDGE TREATMENT	38	0.0	1	10.0
INCINERATION	1	0.0	3	30.0
LAND TREATMENT/APPLICATION/FARMING	0	0.0	1	10.0
	201,943	100.0	10	

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2007

Management Method	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	1	0.0	3	30.0
SOLVENTS RECOVERY	12,962	6.4	3	30.0
ENERGY RECOVERY	143,838	71.2	3	30.0
SLUDGE TREATMENT	38	0.0	1	10.0
LAND TREATMENT/APPLICATION/FARMING	0	0.0	1	10.0
FUEL BLENDING	43,290	21.4	1	10.0
OTHER TREATMENT	1,661	0.8	1	10.0
AQUEOUS INORGANIC TREATMENT	152	0.1	1	10.0
	201,943	100.0	10	

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, F005, D007, D008, F002, D035, D039, F001, D018

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## SOUTH CAROLINA

## 2007 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 274

16 Quantity of RCRA Hazardous Waste Shipped: 189,240

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2007

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	SCR000002006	NUCOR STEEL BERKELEY COUNTY	HUGER	53,263
2	SCD036275626	GIANT RESOURCE RECOVERY SUMTER INC	SUMTER	51,808
3	SCD044940369	NUCOR STEEL SC DARLINGTON	DARLINGTON	16,427
4	SCD003353760	CMC STEEL SOUTH CAROLINA	CAYCE	10,970
5	SCD991277716	ARCELORMITTAL GEORGETOWN	GEORGETOWN	7,803
6	SCD987597820	ROCHE CAROLINA INC	FLORENCE	5,242
7	SCD070375985	PINEWOOD SITE PS	PINEWOOD	4,906
8	SCD086862950	NATION FORD CHEMICAL CO	FORT MILL	2,798
9	SCD043384072	ALBEMARLE CORP ORANGEBURG PLT	ORANGEBURG	2,704
10	SCD042627448	ELGIN FINE CHEMICALS INC	ELGIN	1,928
11	SCD077995488	SAFETY KLEEN SYSTEMS INC LEXINGTON	LEXINGTON	1,796
12	SCD000003558	KEMET ELECTRONICS CORP BUILDING 1	SIMPSONVILLE	1,187
13	SCR000767699	EXXON MOBIL OIL CORP R0489	PORT ROYAL	1,168
14	SCR000003806	ATOTECH USA INC ROCK HILL	ROCK HILL	1,053
15	SCD980500052	3V INC	GEORGETOWN	1,031
16	SCD097366165	ALUMAX OF SC	GOOSE CREEK	980
17	SCD987579943	OAK MITSUI INC	CAMDEN	957
18	SCR000763045	TRINITY HIGHWAY PRODUCTS LLC	ORANGEBURG	922
19	SCD003351699	GIANT CEMENT COMPANY	HARLEYVILLE	900
20	SCD047555453	CONSOLIDATED METAL PRODUCTS	COLUMBIA	849
21	SCD981031040	SAFETY KLEEN SYSTEMS INC GREER	GREER	739
22	SCD003358389	RHODIA INC	CHARLESTON	722
23	SCD070365051	SYMRISE INC BUSHY PARK PLT	GOOSE CREEK	703
24	SCD981920374	GREENWOOD PLATING INC	GREENWOOD	652
25	SCR000004168	IRIX MANUFACTURING INC	GREENVILLE	648
26	SCR000006155	CONBRACO INDUSTRIES INC	PAGELAND	637
27	SCD987571551	FUJI PHOTO FILM INC	GREENWOOD	607
28	SCR000761171	COYNE TEXTILE SERVICES	DUNCAN	588
29	SCD981014780	INCHEM CORPORATION	ROCK HILL	494
30	SCR000006114	INDUSTRIAL GALVANIZERS COLUMBIA	WEST COLUMBIA	483
31	SCD003343191	W R GRACE & CO	CHARLESTON	436
32	SCD047554753	CRYOVAC SIMPSONVILLE	SIMPSONVILLE	421
33	SCD981479710	ORTEC INCORPORATED	EASLEY	408
34	SCR000006429	IRIX PHARMACEUTICALS INC	FLORENCE	403
35	SCD062690557	AVX CORPORATION MYRTLE BEACH	MYRTLE BEACH	398
36	SCD982106932	SOUTH ATLANTIC GALVANIZING	TRAVELERS REST	396
37	SCD981866007	BASF CATALYSTS LLC	SENECA	374
38	SCD982085813	POSSEHL CONNECTOR SERVICES SC INC	ROCK HILL	355
39	SCR000006270	CATERPILLAR INC PRECISION PARTS PROD GR	SUMTER	327
40	SCR000073833	COATEX LLC	CHESTER	303
41	SCD987582632	HITACHI ELECTRONIC DEVICES USA	GREENVILLE	269
42	SCD041387762	EASTMEN CHEMICAL COMPANY	WEST COLUMBIA	252
43	SCD003341849	ROY METAL FINISHING CO INC	CONESTEE	248
44	SC1890008989	DOE/WSRC SAVANNAH RIVER SITE	JACKSON	231
45	SCD987584778	SUMTER TRANSPORT CO	SUMTER	231
46	SCR000000505	PLASTIC OMNIUM AUTO EXTERIORS	ANDERSON	227
47	SCD003361714	CYTEC CARBON FIBERS LLC GREENVILLE SC	PIEDMONT	226
48	SCR000003848	SUMTER COATINGS INC	SUMTER	223
49	SCD055207617	ARRMAZ SPECIALTY CHEMICALS	SEABROOK	214
50	SCD003368891	HOLCIM US INC GEOCYCLE LLC	HOLLY HILL	212
<b>Total</b>				<b>181,118</b>

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## SOUTH CAROLINA

### 2007 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 7

19 Quantity of RCRA Hazardous Waste Received: 187,769 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2007

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	SCD003351699	GIANT CEMENT COMPANY	HARLEYVILLE	78,511
2	SCD003368891	HOLCIM US INC GEOCYCLE LLC	HOLLY HILL	52,278
3	SCD036275626	GIANT RESOURCE RECOVERY SUMTER INC	SUMTER	44,608
4	SCD077995488	SAFETY KLEEN SYSTEMS INC LEXINGTON	LEXINGTON	12,107
5	SCD070371885	PHIBRO TECH INC	SUMTER	135
6	SCD981031040	SAFETY KLEEN SYSTEMS INC GREER	GREER	121
7	SCD069314045	MILLIKEN CHEMICAL DEWEY PLANT	INMAN	9
<b>Total</b>				<b>187,769</b>

Note: Column may not sum to total due to rounding.  
 State may have fewer than fifty facilities that received waste.

## SOUTH CAROLINA

## 2007 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2007**

Management Method	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	130,789	69.7	2	28.6
FUEL BLENDING	43,290	23.1	1	14.3
INCINERATION	0	0.0	1	14.3
SOLVENTS RECOVERY	12,961	6.9	2	28.6
STORAGE AND/OR TRANSFER	728	0.4	5	71.4
	187,769	100.0	7	

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2007**

Management Method	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	130,789	69.7	2	28.6
FUEL BLENDING	43,290	23.1	1	14.3
SOLVENTS RECOVERY	12,961	6.9	2	28.6
STORAGE AND/OR TRANSFER	728	0.4	5	71.4
INCINERATION	0	0.0	1	14.3
	187,769	100.0	7	

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2007**

Management Method	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STORAGE AND/OR TRANSFER	728	0.4	5	71.4
SOLVENTS RECOVERY	12,961	6.9	2	28.6
ENERGY RECOVERY	130,789	69.7	2	28.6
FUEL BLENDING	43,290	23.1	1	14.3
INCINERATION	0	0.0	1	14.3
	187,769	100.0	7	

Note: Columns may not sum to total due to rounding.  
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## SOUTH CAROLINA

### 2007 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 119,663 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 128,111 Tons

**26 South Carolina Interstate Shipment / Receipts (As reported by South Carolina):**

The State to which South Carolina shipped the largest quantity of waste was Pennsylvania (70,580 tons).

The State that shipped the largest quantity of waste to South Carolina was North Carolina (21,578 tons).