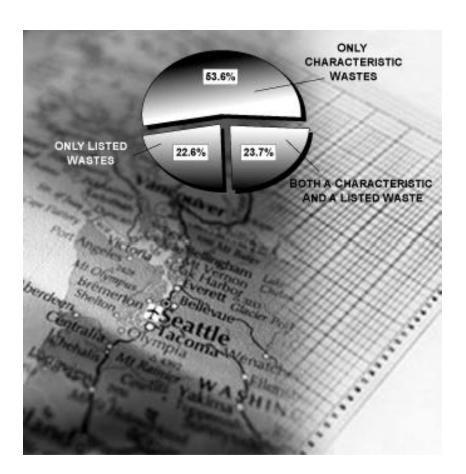
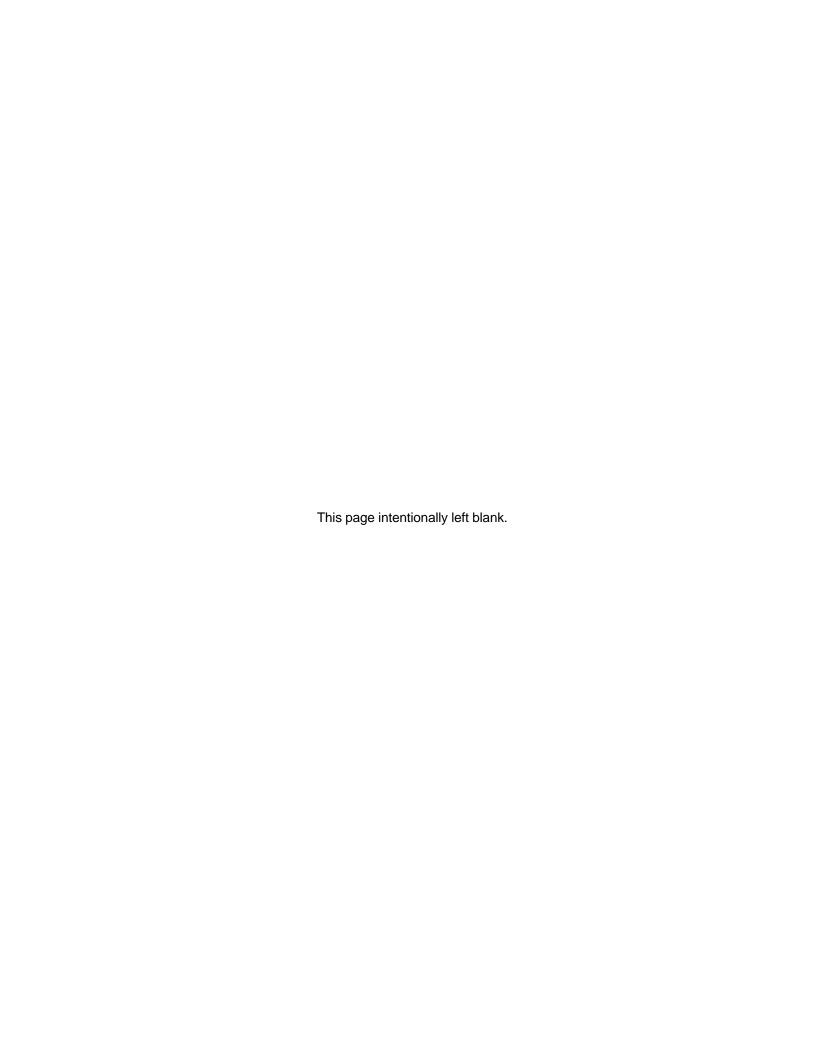
EPA State Detail Analysis

The National Biennial RCRA Hazardous Waste Report (Based on 1997 Data)





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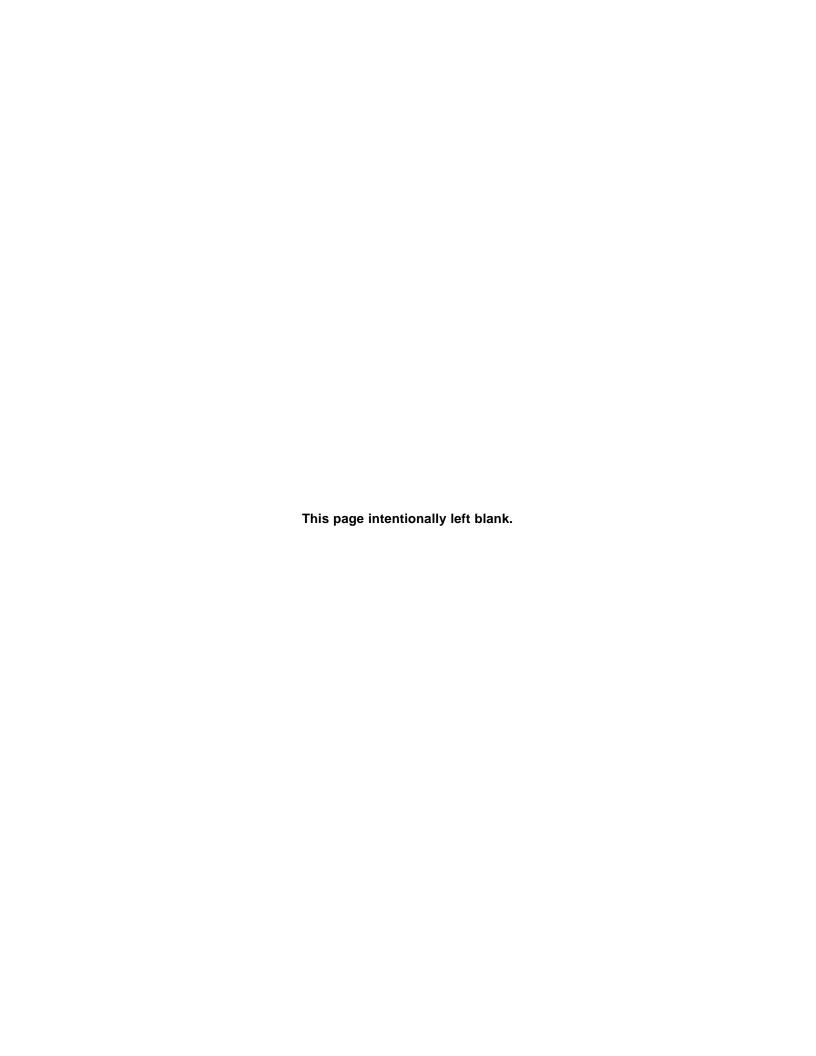
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EPA Executive Summary

The National Biennial RCRA Hazardous Waste Report (Based on 1997 Data)





EXECUTIVE SUMMARY

The United States Environmental Protection Agency (EPA), in partnership with the States¹, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The purpose of *The National Biennial RCRA Hazardous Waste Report (Based on 1997 Data)* is to communicate the findings of EPA's 1997 Biennial Reporting System (BRS) data collection efforts to the public, government agencies, and the regulated community.² The Report consists of six volumes:

- **Executive Summary** provides an overview of national hazardous waste generation and management practices;
- National Analysis presents a detailed look at waste-handling practices in the EPA
 Regions, States, and largest facilities nationally, including (1) the quantity of waste
 generated, managed, shipped and received, and imported and exported between
 States and (2) the number of generators and managing facilities;
- State Summary Analysis provides a two-page overview of the generation and management practices of individual States;
- State Detail Analysis is a detailed look at each State's waste handling practices, including overall totals for generation, management, and shipments and receipts, as well as totals for the largest fifty facilities;
- List of Large Quantity Generators identifies every hazardous waste generator in the United States that reported itself to be a large quantity generator in 1997; and
- List of Treatment, Storage, and Disposal Facilities identifies every hazardous
 waste manager in the United States that reported itself to be a treatment, storage,
 or disposal facility in 1997.

¹The term "State" includes the District of Columbia, Puerto Rico, Guam, the Navajo Nation, the Trust Territories, and the Virgin Islands, in addition to the 50 United States.

²Some respondents from the States of Georgia and Connecticut submitted Confidential Business Information (CBI) pursuant to §40 CFR 260.2(b). While not included in any public BRS database, CBI has been incorporated into the *Executive Summary* and *National Analysis* volumes of this Report wherever possible. Where CBI has been omitted from these volumes, a footnote has been provided.

RCRA HAZARDOUS WASTE

Throughout this Report, the term RCRA hazardous waste refers to solid waste assigned a Federal Hazardous Waste Code and regulated by RCRA. Some States elect to regulate wastes not regulated by EPA; these wastes are assigned State Hazardous Waste Codes and are not included in this Report. The reader can find more detailed explanations in the *RCRA Orientation Manual* (http://www.epa.gov/epaoswer/general/orientat/) and in the Code of Federal Regulations in 40 CFR Parts 260 and 261 (http://www.epa.gov/docs/epacfr40/chapt-I.info/subch-I/). Please refer to Appendix E of this Report for a complete list of EPA Hazardous Waste Codes used by the regulated community for their 1997 Biennial Report submissions. Details about the information submitted by the regulated community can be found in the 1997 Hazardous Waste Report Instructions and Forms (http://www.epa.gov/epaoswer/hazwaste/data/brsforms.htm).

CHANGES TO 1997 BIENNIAL REPORTING REQUIREMENTS AND THE NATIONAL BIENNIAL REPORT DATA PRESENTED IN THIS REPORT

In accordance with EPA's efforts to reduce the record keeping and reporting burden on the regulated community, EPA streamlined the Federal data collection forms (1997 Hazardous Waste Report Instructions and Forms) for the 1997 Biennial Report cycle by eliminating the Process System (PS) Form. EPA would like to caution all readers of this Report that the change to eliminate the PS Form, along with the changes to the reporting requirements for aqueous wastes, commonly called wastewaters, managed in treatment systems regulated by the Clean Water Act (CWA) and not by the Resource Conservation and Recovery Act (RCRA), will make cursory comparisons of the 1997 National Biennial Report to earlier National Reports misleading.

Wastewaters are defined for biennial reporting as wastes that have a particular form and/or are managed on-site or off-site in treatment systems typically used to manage wastewater. All wastes bearing one of the following wastewater Form Codes (B101-102; B105, B110-116) and/or System Type Codes (M071-079; M081-085, 089; M091-094, 099; M121-125,

129; M134-136) are excluded from the National Report data and the 1997 National Biennial Report, with one exception: wastewaters managed by System Type Code M134 (Deepwell/Underground Injection) are included in the 1997 National Biennial Report. Refer to Appendix C and D for complete descriptions of the Form Codes and System Type Codes referenced above.

In previous National Reports, the PS Form was used to separate and exclude from the National Report data all wastes going to on-site treatment systems exempt from RCRA permitting requirements. For the 1997 National Biennial Report, EPA included all non-wastewater data and excluded all wastewater data. The wastewater data was excluded regardless of whether the wastes were managed in RCRA permitted systems prior to management in on-site or off-site treatment systems exempt from RCRA permitting requirements. This is significant, because historically EPA has included only those wastes managed in units subject to RCRA permitting requirements in the National Biennial Reports. EPA does not believe the inclusion of all non-wastewaters will distort the RCRA hazardous waste management picture presented in this Report, because only a small volume of non-wastewaters are managed in treatment systems exempt from RCRA permitting requirements.

RCRA HAZARDOUS WASTE GENERATION

RCRA hazardous waste generation information is obtained from data reported by RCRA large quantity generators (LQGs). A generator is defined as a Federal large quantity generator if:

- the generator generated in any single month 1,000 kg (2,200 pounds or 1.1 tons) or more of RCRA hazardous waste; or
- the generator generated in any single month, or accumulated at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or
- the generator generated, or accumulated at any time, more than 100 kg (220 pounds) of spill cleanup material contaminated with RCRA acute hazardous waste.

All generators that reported LQG status in 1997 are required to provide EPA with 1997 waste generation and management information. It is important to note that the LQGs identified in this Report have been included based on the most current information made available to EPA by the States. Both EPA and the States have made a significant effort to ensure the accuracy of this data. However, the LQG counts may include some generators that, when determining whether they were LQGs, used a lower State-defined threshold for LQGs, counted wastes regulated only by their States, or counted wastes exempt from Federal regulation.

To help provide a more accurate picture of hazardous waste generation in the United States, EPA requests specific waste generation information from LQGs. For each RCRA hazardous waste generated, LQGs are required to provide a waste description, the applicable Federal Hazardous Waste Codes that most accurately represent the waste generated, and the quantity of waste generated.

In 1997, 20,316 LQGs reported they generated 40.7 million tons of RCRA hazardous waste. When comparing the 1995 National Biennial Report with the 1997 Report, the number of LQGs decreased by 551, and the quantity of hazardous waste generated decreased by 173 million tons or 81%. The decrease in national hazardous waste generation is due in large part to the exclusion of wastewaters from the 1997 national reporting logic. For a more detailed description of the wastewater exclusion, please refer to the section of the *Executive Summary* entitled "Changes to 1997 Biennial Reporting Requirements and the National Biennial Report Data Presented in this Report."

The wastewater exclusion will make cursory comparisons between the 1997 National Biennial Report and earlier National Reports misleading. To facilitate an accurate comparison, Appendix B of the *National Analysis* provides the 1995 National Biennial Report data *excluding* wastewater (i.e., the data was compiled using the same national reporting logic used to exclude wastewater data from the 1997 National Report). As presented in Exhibit B.1, 36.3 million tons

of non-wastewater wastes were generated in 1995; therefore, a more accurate picture of the change in national hazardous waste generation between 1995 and 1997 is an increase of 4.4 million tons or 11%. Much of this increase resulted from a change in a few generators' wastewater management practices. In 1995, a few generators reported managing wastewaters in treatment systems exempt from RCRA permitting requirements, and, in accordance with the 1995 national reporting logic, these exempt wastewaters were excluded from the 1995 National Biennial Report. In 1997, the same generators reported managing these same wastewaters in Deepwell/Underground Injection (M134), a treatment system included in the 1997 National Biennial Report.

As identified in Exhibit 1, the five (5) States which contributed most to the national hazardous waste generation total in 1997 were Texas (19.0 million tons), Louisiana (4.6 million tons), Illinois (2.2 million tons), Ohio (1.7 million tons), and Mississippi (1.7 million tons). Together, the LQGs in these States accounted for 72% of the national total quantity generated.

Exhibit 1 Quantity of RCRA Hazardous Waste Generated and Number of Hazardous Waste Generators, by State, 1997

Exhibit 1 Quantity of RCRA Haza		HAZARDOUS WASTE QU		LARGE QUANTITY GE		
STATE	RANK	TONS GENERATED	PERCENTAGE	RANK	NUMBER	PERCENTAGE
ALABAMA	14	423,968	1.0	25	268	1.3
ALASKA	47	4,547	0.0	44	50	0.2
ARIZONA	35	53,031	0.1	31	180	0.9
ARKANSAS	8	1,052,744	2.6	27	206	1.0
CALIFORNIA	12	672,946	1.7	2	1,782	8.8
COLORADO	28	82,021	0.2	32	163	0.8
CONNECTICUT	32	60,219	0.1	15	404	2.0
DELAWARE	39	19,353	0.0	42	66	0.3
DISTRICT OF COLUMBIA	54	499	0.0	50	20	0.1
FLORIDA	16	398,535	1.0	17	378	1.9
GEORGIA	20	275,096	0.7	14	405	2.0
GUAM	55	412	0.0	53	8	0.0
HAWAII	45	7,241	0.0	47	41	0.2
IDAHO	9	1,014,825	2.5	45	48	0.2
ILLINOIS	3	2,201,025	5.4	5	1,058	5.2
INDIANA	7	1,077,410	2.6	9	633	3.1
IOWA	37	33,681	0.1	30	182	0.9
KANSAS	6	1,333,169	3.3	26	215	1.1
KENTUCKY	21	192,318	0.5	20	348	1.7
LOUISIANA	2	4,624,829	11.4	18	363	1.8
MAINE	46	4,758	0.0	35	137	0.7
MARYLAND	31	63,498	0.2	23	327	1.6
MASSACHUSETTS	27	94,467	0.2	12	474	2.3
MICHIGAN	10	994,047	2.4	8	682	3.4
MINNESOTA	13	427,390	1.1	24	274	1.3
MISSISSIPPI	5	1,654,338	4.1	29	193	1.0
MISSOURI	25	116,705	0.3	18	363	1.8
MONTANA	41	12,266	0.0	46	47	0.2
NAVAJO NATION	56	150	0.0	54	6	0.0
NEBRASKA	38	23,491	0.1	41	68	0.3
NEVADA	40	12,518	0.0	39	90	0.4
NEW HAMPSHIRE	44	9,751	0.0	33	152	0.7
NEW JERSEY	18	348,409	0.9	7	819	4.0
NEW MEXICO	26	99,474	0.2	48	39	0.2
NEW YORK	15	419,899	1.0	1	2,772	13.6
NORTH CAROLINA	30	66,501	0.2	11	505	2.5
NORTH DAKOTA	50	2,686	0.0	51	16	0.1
OHIO	4	1,693,247	4.2	3	1,271	6.3
OKLAHOMA	19	315,296	0.8	34	144	0.7
OREGON	36	49,877	0.1	28	203	1.0
PENNSYLVANIA	17	370,024	0.9	6	1,042	5.1
PUERTO RICO	34	54,120	0.1	38	106	0.5
RHODE ISLAND	42	11,643	0.0	37	107	0.5
SOUTH CAROLINA	43	10,793	0.0	21	341	1.7
SOUTH DAKOTA	53	948	0.0	49	21	0.1
TENNESSEE	11	745,458	1.8	13	461	2.3
TEXAS	1	18,973,406	46.6	4	1,219	6.0
TRUST TERRITORIES	52	1,101	0.0	55	3	0.0
UTAH	29	78,555	0.2	40	89	0.4
VERMONT	48	4,064	0.0	43	65	0.3
VIRGIN ISLANDS	49	2,811	0.0	56	2	0.0
VIRGINIA	33	57,395	0.0	22	329	1.6
WASHINGTON	24	126,601	0.3	10	595	2.9
WEST VIRGINIA	22	152,843	0.3	36	119	0.6
WISCONSIN	23	147,959	0.4	16	400	2.0
WYOMING	51	1,478	0.4	52	15	0.1
CBI DATA	N/A	242	N/A	N/A	2	N/A
TOTAL	19//1	40,676,075	100.0	13/73	20,316	100.0

Note:

Columns may not sum due to rounding. Percentages do not include CBI data.

RCRA HAZARDOUS WASTE MANAGEMENT

RCRA hazardous waste management information is obtained from data reported by active, permitted RCRA treatment, storage, or disposal facilities (TSDs). A TSD is defined as any facility which treats, stores, or disposes of RCRA hazardous waste, regardless of the quantity managed. Only wastes that were treated or disposed of in 1997 are included in the management quantities in this Report. Wastes generated and subsequently stored in 1997 are *not* included in the management quantities in this Report.

To help provide a more accurate picture of hazardous waste management practices in the United States, EPA requests specific waste management information from TSDs. For each RCRA hazardous waste managed, TSDs are required to provide the quantity of waste managed and the System Type Code which represents the management method used to manage the waste.

It is important to note that the total quantity of RCRA hazardous waste generated is less than the total quantity managed. Some of the reasons for this variance include: wastes generated during non-reporting years but shipped and treated or disposed during a reporting year and wastes received for management from generators in foreign countries.

In 1997, 2,025 TSDs reported they managed 37.7 million tons of RCRA hazardous waste. Of the 2,025 facilities, 1,078 were storage-only facilities. When comparing the 1995 National Biennial Report with the 1997 Report, the number of TSDs increased by 42, and the total quantity of hazardous waste managed decreased by 170.5 million tons or 82%. This decrease was largely attributable to the exclusion of wastewaters from the 1997 national reporting logic. For a more detailed description of the wastewater exclusion, please refer to the section of the *Executive Summary* entitled "Changes to 1997 Biennial Reporting Requirements and the Biennial Report Data Presented in this Report."

The wastewater exclusion will make cursory comparisons between the 1997 National Biennial Report and earlier National Reports misleading. To facilitate an accurate comparison, Appendix B of the *National Analysis* provides the 1995 National Biennial Report data *excluding wastewater* (i.e., the data was compiled using the same national reporting logic used to exclude wastewater data from the 1997 National Report.) As presented in Exhibit B.2, 35.1 million tons of non-wastewater wastes were managed in 1995; therefore, a more accurate picture of the change in national hazardous waste management between 1995 and 1997 is an increase of 2.6 million tons or 7%. A large portion of this increase resulted from a change in wastewater management practices. In 1995, a few TSDs reported managing wastewater in treatment systems exempt from RCRA permitting requirements, and, in accordance with the 1995 national reporting logic, these exempt wastewaters were excluded from the 1995 National Biennial Report. In 1997, the same TSDs reported managing these same wastewaters in Deepwell/Underground Injection (M134), a treatment system included in the 1997 National Biennial Report. Other factors contributing to the increase included increased waste management activities due to a landfill closing and remediation wastes from RCRA Corrective Action.

As identified in Exhibit 2, the five (5) States whose TSDs managed the largest quantities of hazardous wastes were Texas (17.4 million tons), Louisiana (4.5 million tons), Ohio (1.7 million tons), Mississippi (1.7 million tons), and Kansas (1.6 million tons). The TSDs in these five (5) States account for 71% of the national management total.

In 1997, *land disposal* accounted for 76% of the national non-wastewater management total. Land disposal methods include:

Deepwell/Underground Injection 26 million tons
Landfill 1.5 million tons
Surface Impoundment 1 million tons
Land Treatment/Application/Farming 19 thousand tons

Exhibit 2 Quantity of RCRA Hazardous Waste Managed and Number of RCRA TSD Facilities, by State, 1997

Exhibit 2 Quantity of RCRA		AZARDOUS WASTE QU	RA TSD Facilities, by State, 1997 TSD FACILITIES			
STATE	RANK	TONS MANAGED	PERCENTAGE	RANK	NUMBER	PERCENTAGE
ALABAMA	14	415,166	1.1	15	44	2.2
ALASKA	12	449,486	1.2	43	6	0.3
ARIZONA	40	4,218	0.0	29	23	1.1
ARKANSAS	10	1,001,426	2.7	29	23	1.1
CALIFORNIA	7	1,160,627	3.1	1	250	12.4
COLORADO	32	37,658	0.1	32	22	1.1
CONNECTICUT	36	26,680	0.1	25	27	1.3
DELAWARE	43	2,131	0.0	47	4	0.2
DISTRICT OF COLUMBIA	50	0	0.0	51	1	0.0
FLORIDA	21	207,560	0.6	14	46	2.3
GEORGIA	26	72,558	0.2	12	55	2.7
GUAM	50	0	0.0	51	1	0.0
HAWAII	49	99	0.0	48	3	0.1
IDAHO	8	1,093,366	2.9	40	7	0.3
ILLINOIS	13	445,728	1.2	6	86	4.2
INDIANA	6	1,357,777	3.6	17	40	2.0
IOWA	42	3,349	0.0	21	28	1.4
KANSAS	5	1,558,943	4.1	27	24	1.2
KENTUCKY	25	85,575	0.2	21	28	1.4
LOUISIANA	2	4,503,985	11.9	11	57	2.8
MAINE	46	718	0.0	29	23	1.1
MARYLAND	39	4,560	0.0	26	25	1.2
MASSACHUSETTS	37	16,467	0.0	21	28	1.4
MICHIGAN	9	1,075,667	2.9	4	113	5.6
MINNESOTA	23	141,292	0.4	27	24	1.2
MISSISSIPPI	4	1,720,718	4.6	36	16	0.8
MISSOURI	20	238,179	0.6	8	83	4.1
MONTANA	45	987	0.0	39	8	0.4
NAVAJO NATION	50	0	0.0	56	0	0.0
NEBRASKA	31	41,231	0.1	38	11	0.5
NEVADA	35	29,313	0.1	43	6	0.3
NEW HAMPSHIRE	50	0	0.0	51	1	0.0
NEW JERSEY	24	86,095	0.2	7	85	4.2
NEW MEXICO	22	189,509	0.5	37	15	0.7
NEW YORK	15	411,616	1.1	9	73	3.6
NORTH CAROLINA	38	15,674	0.0	5	100	4.9
NORTH DAKOTA	44	1,188	0.0	40	7	0.3
OHIO	3	1,739,368	4.6	13	52	2.6
OKLAHOMA	16	405,898	1.1	16	41	2.0
OREGON	33	32,150	0.1	40	7	0.3
PENNSYLVANIA	11	496,136	1.3	10	63	3.1
PUERTO RICO	27	70,188	0.2	21	28	1.4
RHODE ISLAND	41	3,840	0.0	48	3	0.1
SOUTH CAROLINA	19	302,472	0.8	32	22	1.1
SOUTH DAKOTA	50	0	0.0	50 10	2	0.1
TENNESSEE TEXAS	17	403,094	1.1 46.0	19 2	30 135	1.5 6.7
TRUST TERRITORIES	1	17,371,102			135	
	48	524	0.0	51 25	1	0.0
UTAH VERMONT	18 50	325,888 0	0.9 0.0	35 45	20 5	1.0 0.2
VERMONT VIRGIN ISLANDS	47	659	0.0	45 51	5 1	0.2
VIRGINISLANDS VIRGINIA	47 29	47,737	0.0		32	
VIRGINIA WASHINGTON	29 28	•	0.1	18 19	32 30	1.6 1.5
		49,157				
WEST VIRGINIA	30	44,438	0.1	32	22	1.1
WISCONSIN WYOMING	34 50	30,934 0	0.1 0.0	3 45	132 5	6.5 0.2
CBI DATA	N/A	0	N/A	N/A	2.025	N/A
TOTAL	dy is evoluded	37,723,129	100.0		2,025	100.0

¹Quantity managed by storage only is excluded.

Note: Columns may not sum due to rounding. Percentages do not include CBI data.

Recovery operations accounted for 10% of the national non-wastewater management total. Recovery operations include:

Fuel Blending 1.5 million tons

Metals Recovery (for Reuse) 1.1 million tons

Solvents Recovery 617 thousand tons

Other Recovery 443 thousand tons

Thermal treatment accounted for 9% of the national non-wastewater management total. Thermal treatment units include:

Energy Recovery (for Reuse as Fuel) 1.7 million tons

Incineration 1.7 million tons

The remaining non-wastewater management quantities (5%) were managed in *other treatment and disposal units*, including:

Stabilization 1.4 million tons

Sludge Treatment 411 thousand tons

Other Disposal (Specified in Comments) 251 thousand tons

RCRA HAZARDOUS WASTE SHIPMENTS AND RECEIPTS

RCRA hazardous waste shipment information is obtained from data reported by both RCRA LQGs and RCRA TSDs. To help provide a more accurate picture of hazardous waste shipments in the United States, EPA requests specific shipment information. For each waste shipped, LQGs and TSDs are required to provide a waste description, the applicable Federal

Hazardous Waste Codes, the quantity of waste shipped, and the EPA Identification Number of the receiving facility. All RCRA non-wastewater shipments reported by RCRA LQGs and TSDs are included in the waste shipment quantities in this Report, even if the waste was shipped to a transfer facility. In some instances, waste is transferred within a physical location that has more than one EPA Identification Number. These waste transfers are treated as shipments.

RCRA hazardous waste receipt information is obtained from data reported by RCRA TSDs. To help provide a more accurate picture of hazardous waste receipts in the United States, EPA requests certain receipt information from TSDs. For each waste received, TSDs are required to provide a waste description, the applicable Federal Hazardous Waste Codes, the quantity of waste received, and the EPA Identification Number of the facility from which the waste was received. For each received waste which is subsequently managed, TSDs are required to provide the System Type Code which represents the management method used to manage the waste.

RCRA hazardous waste export quantities include wastes generated in one State and shipped to a receiver in a different State. Exports are calculated from information provided by waste shippers. RCRA hazardous waste imports include all wastes received by a State which differs from the State of origin. RCRA hazardous waste imports are calculated from information provided by RCRA TSDs.

In 1997, 18,029 shippers reported shipping 7.3 million tons of hazardous waste. When comparing the 1995 National Biennial Report with the 1997 Report, the number of shippers decreased by 2,468, and the quantity of waste shipped decreased by 3.3 million tons, a 31% decrease. Some of the decrease in the quantity of waste shipped may be attributable to the exclusion of wastewaters from the 1997 national biennial reporting logic. However, since wastewaters are typically managed on-site rather than shipped off-site for management, the decrease between 1995 and 1997 is more likely the result of other factors. For a more detailed description of the wastewater exclusion, please refer to the section of the *Executive Summary* entitled "Changes to 1997 Biennial Reporting Requirements and the National Biennial Report Data Presented in this Report."

The wastewater exclusion will make cursory comparisons between the 1997 National Reports and earlier National Reports misleading. To facilitate an accurate comparison, Appendix B of the *National Analysis* provides the 1995 National Report data *excluding wastewater* (i.e., the data was compiled using the same national reporting logic used to exclude wastewater data from the 1997 National Biennial Report). As presented in Exhibit B.3, 6.2 million tons of non-wastewater wastes were shipped in 1995; therefore, a more accurate picture of the change in national hazardous waste shipments between 1995 and 1997 is a decrease of 1.1 million tons or 15%.

Of the 7.3 million tons of RCRA hazardous waste shipped in 1997, 4.4 million tons of waste were **exported** from the State in which they were generated to other States. When comparing the 1995 National Biennial Report with the 1997 Report, the quantity of waste exported decreased by 924 thousand tons or 17%. Some of the decrease in the quantity of waste exported may be attributable to the exclusion of wastewaters from the 1997 national reporting logic. However, since wastewaters are typically managed on-site rather than shipped off-site for management, the decrease between 1995 and 1997 is more likely the result of other factors.

The wastewater exclusion will make cursory comparisons between the 1997 National Biennial Report and earlier National Reports misleading. To facilitate an accurate comparison, Appendix B of the *National Analysis* provides the 1995 National Report data *excluding wastewater* (i.e., the data was compiled using the same national reporting logic used to exclude wastewater data from the 1997 National Biennial Report). As presented in Exhibit B.5, 3.6 million tons of non-wastewater wastes were exported to other States in 1995; therefore, a more accurate picture of the change in national hazardous waste exports between 1995 and 1997 is an increase of 753 thousand tons or 17%.

In 1997, 543 TSDs reported receiving 8 million tons of RCRA hazardous waste. When comparing the 1995 National Biennial Report with the 1997 Report, the number of TSDs receiving waste decreased by 101, and the quantity of waste received decreased by 1.3 million tons or 14%. Some of the decrease in the quantity of waste received may be attributable to the exclusion of wastewaters from the 1997 national reporting logic. However, since wastewaters are typically managed on-site rather than shipped off-site for management, the decrease between 1995 and 1997 is more likely the result of other factors.

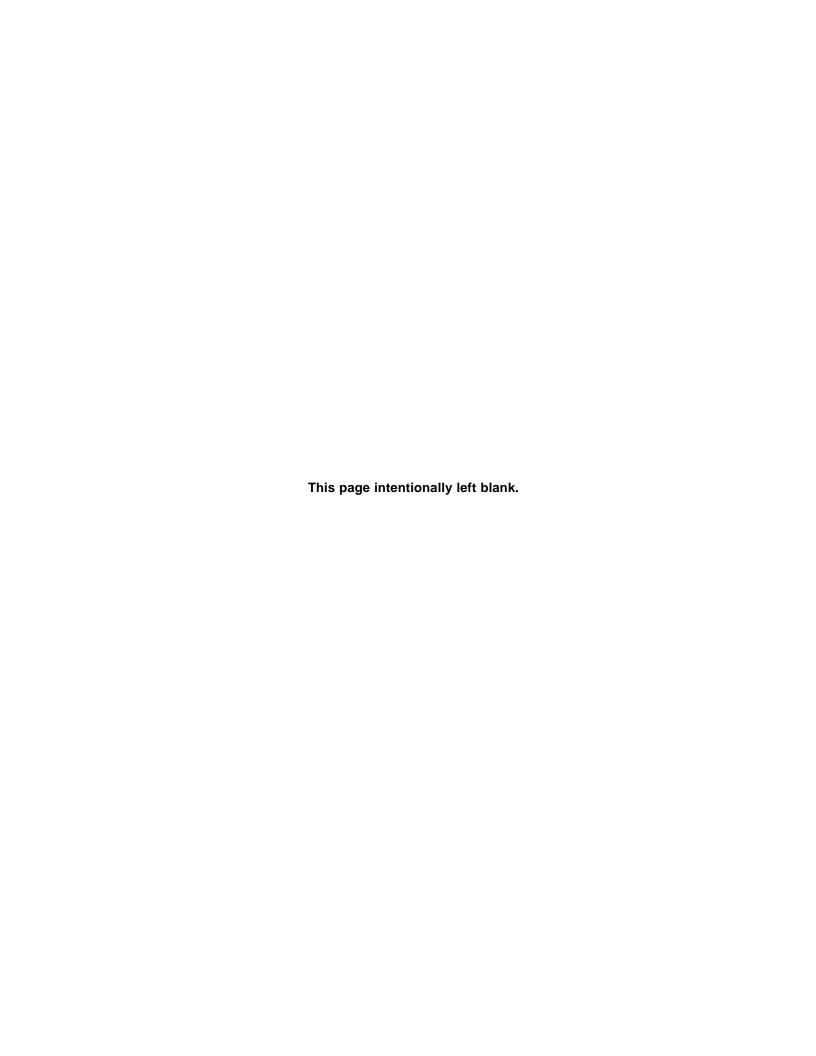
The wastewater exclusion will make cursory comparisons between the 1997 National Biennial Report and earlier National Reports misleading. To facilitate an accurate comparison, Appendix B of the *National Analysis* provides the 1995 National Report data *excluding wastewater* (i.e., the data was compiled using the same national reporting logic used to exclude wastewater data from the 1997 National Biennial Report). As presented in Exhibit B.4, 7.9 million tons of non-wastewater wastes were received in 1995; therefore, a more accurate picture of the change in national hazardous waste receipts between 1995 and 1997 is an increase of 87 thousand tons or 1%.

Of the 8 million tons of RCRA hazardous waste received in 1997, 4 million tons of waste were **imported** from other States. When comparing the 1995 National Biennial Report with the 1997 Report, the quantity of waste imported decreased by 1.9 million tons or 32%. Some of the decrease in the quantity of waste imported may be attributable to the exclusion of wastewaters from the 1997 national reporting logic. However, since wastewaters are typically managed on-site rather than shipped off-site for management, the decrease between 1995 and 1997 is more likely the result of other factors.

The wastewater exclusion will make cursory comparisons between the 1997 National Report and earlier National Reports misleading. To facilitate an accurate comparison, Appendix B of the *National Analysis* provides the 1995 National Report data *excluding wastewater* (i.e., the data was compiled using the same national reporting logic used to exclude wastewater data from the 1997 National Biennial Report). As presented in Exhibit B.5, 5.1 million tons of non-wastewater wastes were imported in 1995; therefore, a more accurate picture of the change in national hazardous waste imports between 1995 and 1997 is a decrease of 1.1 million tons or 22%.

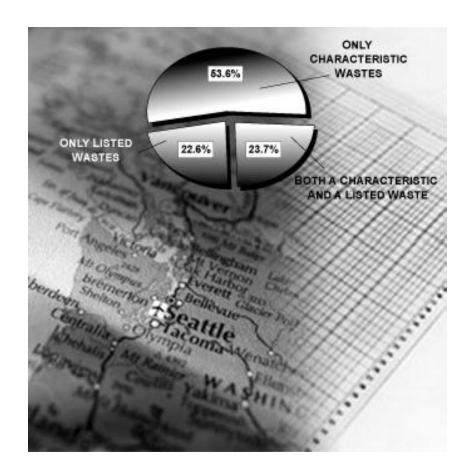
WHERE TO OBTAIN ADDITIONAL INFORMATION

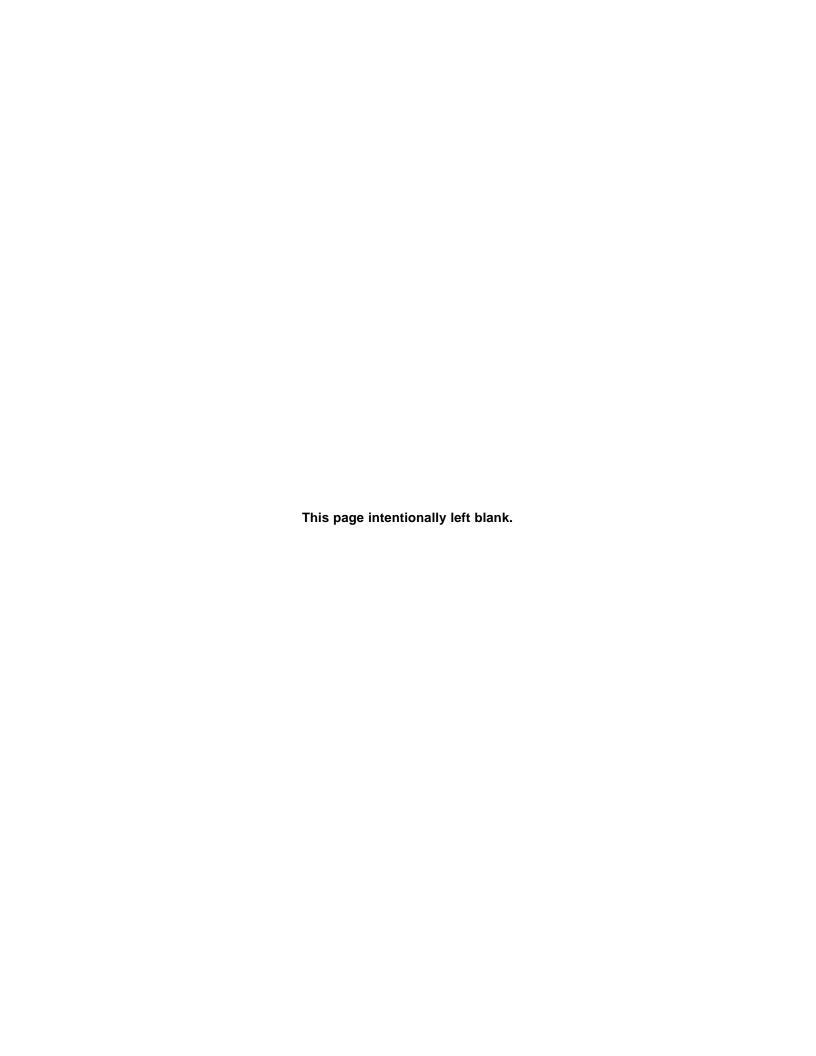
All volumes of *The National Biennial RCRA Hazardous Waste Report (Based on 1997 Data)* and the 1997 Biennial Reporting System (BRS) data files can be accessed via the Internet at http://www.epa.gov/epaoswer/hazwaste/data/#brs or purchased from the National Technical Information Service (NTIS) at (703) 487-4650.



EPA State Detail Analysis

The National Biennial RCRA Hazardous Waste Report (Based on 1997 Data)





TOTAL GENERATED

411,737

ALABAMA

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 268

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 423,968 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

בוד א אודע	EDA ID	CIDE NAME	OT IIIV	(HONG)
AMA	EPA ID	SITE NAME	CIII	(TONS)
	777046401020	CAMPERA LEAD GOVERNMENT THE	TD OIL	150 024
Ţ	ALD046481032	SANDERS LEAD COMPANY INC M & M CHEMICAL & EQUIPMENT COMPANY, INC. CIBA SPECIALTY CHEMICALS CORP CHEMICAL WASTE MANAGEMENT, INC. FISHER INDUSTRIAL SERVICE INC. GULF STATES STEEL ZENECA INC-COLD CREEK SMI STEEL INC TRICO STEEL COMPANY LLC BIRMINGHAM STEEL CORPORATION TUSCALOOSA STEEL CORPORATION ALLWORTH, INC/PHILIP ENV HUNT REFINING CO OCCIDENTAL CHEMICAL CORPORATION SOLUTIA INC E.I.DU PONT DE NEMOURS & CO. SCHLUMBERGER INDUSTRIES SONY MAGNETIC PRODUCTS OF AMERICA INC SHELL CHEMICAL COMPANY U.S. PIPE & FOUNDRY COMPANY INC ACIPCO-AMERICAN CAST IRON PIPE COMPANY DANNY ISBELL INC DEGUSSA CORPORATION/ALA GROUP QUANTEGY INC. K W PLASTICS ANNISTON ARMY DEPOT ALLIED SIGNAL INC FAIRFIELD TAR CREANOVA INC 3M DECATUR TRANS-CYCLE INDUSTRIES INC. GERRARD STEEL PICKLING TERRA FIRST-ALABAMA STORAGE OPERATIONS JVC MAGNETICS AMERICA COMPANY HAGER HINGE CO STEELCASE INC DEXTER PACKAGING PRODUCTS GULF COAST GALVANIZING 3M GUIN U S ARMY-REDSTONE ARSENAL NORANDAL USA INC	TROY	172,034
2	ALD0/0513/6/	M & M CHEMICAL & EQUIPMENT COMPANY, INC.	ATTALLA	47,832
3	ALD001221902	CIBA SPECIALTY CHEMICALS CORP	MCINTOSH	28,065
4	ALD000622464	CHEMICAL WASTE MANAGEMENT, INC.	EMELLE	21,765
5	ALD981020894	FISHER INDUSTRIAL SERVICE INC.	GLENCOE	15,726
6	ALD004014973	GULF STATES STEEL	GADSDEN	14,110
./	ALD095688875	ZENECA INC-COLD CREEK	BUCKS	11,498
8	ALD067123570	SMI STEEL INC	BIRMINGHAM	10,473
9	ALR000006817	TRICO STEEL COMPANY LLC	DECATUR	9,685
10	ALD000622852	BIRMINGHAM STEEL CORPORATION	BIRMINGHAM	9,388
11	ALD982088437	TUSCALOOSA STEEL CORPORATION	TUSCALOOSA	8,990
12	ALD094476793	ALLWORTH, INC/PHILIP ENV	BIRMINGHAM	6,288
13	ALD004009320	HUNT REFINING CO	TUSCALOOSA	6,004
14	ALD004019642	OCCIDENTAL CHEMICAL CORPORATION	MUSCLE SHOALS	5,778
15	ALD006320774	SOLUTIA INC	DECATUR	2,888
16	ALD093179315	E.I.DU PONT DE NEMOURS & CO.	AXIS	2,612
17	ALD102066636	SCHLUMBERGER INDUSTRIES	TALLASSEE	2,597
18	ALD040653636	SONY MAGNETIC PRODUCTS OF AMERICA INC	DOTHAN	2,362
19	ALD020852422	SHELL CHEMICAL COMPANY	SARALAND	2,285
20	ALD004017869	U.S. PIPE & FOUNDRY COMPANY INC	BESSEMER	2,145
21	ALD003397569	ACIPCO-AMERICAN CAST IRON PIPE COMPANY	BIRMINGHAM	2,138
22	ALD982142960	DANNY ISBELL INC	PELL CITY	2,013
23	AT-D075045575	DEGUSSA CORPORATION/ALA GROUP	THEODORE	1,941
2.4	ALD003297116	OHANTEGY THE	OPELIKA	1,933
25	AT.D981475304	K M DIACTICS	TPOV	1,722
26	AT.3210020027	ANNIGTON APMY DEDOT	ANNTERON	1,657
27	ALD0210020027	ALLIED SIGNAL INC FAIRFIELD TAR	RIRMINGHAM	1,579
28	AT.D0001100033	CPFANOVA INC	THEODORE	1,482
20	ALD000000224	CREANOVA INC 3M DECATUR TRANS-CYCLE INDUSTRIES INC. GERRARD STEEL PICKLING TERRA FIRST-ALABAMA STORAGE OPERATIONS JVC MAGNETICS AMERICA COMPANY HAGER HINGE CO STEELCASE INC DEXTER PACKAGING PRODUCTS GULF COAST GALVANIZING 3M GUIN U S ARMY-REDSTONE ARSENAL NORANDAL USA INC REYNOLDS METALS COMPANY-ALLOYS PLANT MORTON INTERNATIONAL	DECATIO	1,433
20	ALD004023104	TRANC CYCLE INDUCTRIES INC	DECATOR DELL CITY	1,300
21	ATD000030310	GEDDADD GEET DIGHTING	PELO CITI	1,299
3.7 2.T	ALD900039310	TEDDA EIDET ALADAMA CHODACE ODEDATIONS	TEDNON	1,299
22	ALD903177013	THE MACHETICE AMERICA COMPANY	VERNON	983
2.4	ALD000C0001C	UVC MAGNETICS AMERICA COMPANY	MONTEGOMERY	799
24	ALD000000210	MAGER HINGE CO	MONIGOMERI	799
35	ALD00082/352	STEELCASE INC	ATHENS	794
36	ALD0/89649/0	DEXTER PACKAGING PRODUCTS	BIRMINGHAM	774
3 /	ALD98316/925	GULF COAST GALVANIZING	CITRONELLE	674
38	ALD004019691	3M GUIN	GUIN	628
39	AL7210020742	U S ARMY-REDSTONE ARSENAL	REDSTONE ARSENAL SCOTTSBORO	554
40	ALD055798037	NORANDAL USA INC	SCOTTSBORO	
41	ALD095687679	REYNOLDS METALS COMPANY-ALLOYS PLANT	MUSCLE SHOALS	467
42	ALD053360897	MORTON INTERNATIONAL ANDERSON ELECTRICAL PRODUCTS		454
43	ALD003396983	ANDERSON ELECTRICAL PRODUCTS	LEEDS	428
44	ALD053365169	REYNOLDS METALS COMPANY-SHEFFIELD PLANT	SHEFFIELD	427
45	ALD983192246	MDA MANUFACTURING INC GRIFFIN WHEEL COMPANY BESSEMER AKZO NOBEL COATINGS INC GLOBE ELASTIC CO., INC. LOZIER CORPORATION-SCOTTSBORO	DECATUR	418
46	ALD041023086	GRIFFIN WHEEL COMPANY BESSEMER	BESSEMER	348
47	ALD004011342	AKZO NOBEL COATINGS INC	BIRMINGHAM	310
48	ALD983191651	GLOBE ELASTIC CO., INC.	TUSCALOOSA	305
49	ALD061311569	LOZIER CORPORATION-SCOTTSBORO	SCOTTSBORO	296
50	ALD155638570	BRITE-SOL SERVICE CO INC	CREOLA	293

TOTAL

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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 ONLY CORROSIVE ONLY REACTIVE ONLY D004-17 ONLY D018-43 HAS MORE THAN ONE	10,968 685 34 193,785 542	ONLY AN F CODE ONLY A K CODE ONLY A P CODE ONLY A U CODE HAS MORE THAN ONE	28,339 49,128 138 58		
CHARACTERISTIC CODE TOTAL	12,968 218,982	LISTED CODE TOTAL	579 78,241	BOTH CHARACTERISTIC & LISTED	126,743

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	10,809			IGN. W/ AT LEAST 1 LSTD	83,966
HAS CORROSIVE CODE	6,980			CORR. W/ AT LEAST 1 LSTD	3,246
HAS REACTIVE CODE	804			REACT. W/ AT LEAST 1 LSTD	479
HAS D004-D017 CODE	5,638			D004-17 W/ AT LEAST 1 LSTD	27,992
HAS D018-D043 CODE	3,497			D018-43 W/ AT LEAST 1 LSTD	54,197
		HAS AN F CODE	579	F WASTE W/ AT LEAST 1 CHAR	114,273
		HAS A K CODE	579	K WASTE W/ AT LEAST 1 CHAR	28,709
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	932
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	38,580
TOTAL	12,968	TOTAL	579	TOTAL	126,743

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 44

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 415,166 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

	EPA ID	SITE NAME	CITY	TONS OF WASTE
1	ALD046481032	SANDERS LEAD COMPANY INC	TROY	141,200
2	ALD070513767			93,205
3	ALD000622464	CHEMICAL WASTE MANAGEMENT, INC.	EMELLE	73,475
4	ALD983192402	MEDUSA-CITADEL INC	DEMOPOLIS	32,653
5	ALD981019045		DEMOPOLIS	31,538
6	ALD001221902	CIBA SPECIALTY CHEMICALS CORP	MCINTOSH	23,984
7	ALD981020894	FISHER INDUSTRIAL SERVICE INC.	GLENCOE	8,399
8	ALD094476793	ALLWORTH, INC/PHILIP ENV	BIRMINGHAM	5,154
9	ALD003397569	ACIPCO-AMERICAN CAST IRON PIPE COMPANY	BIRMINGHAM	2,000
10	ALD004017869	U.S. PIPE & FOUNDRY COMPANY INC	BESSEMER	1,918
11	ALD031499833	ALLIED SIGNAL INC FAIRFIELD TAR	BIRMINGHAM	1,517
12	ALD981919368	HAMILTON PLASTIC PRODUCTS	HAMILTON	53
13	ALD093179315	E.I.DU PONT DE NEMOURS & CO.	AXIS	33
14	ALD044075919	SIEBE APPLIANCE CONTROLS	ATHENS	21
	ALD079474037	UNIVERSITY OF SOUTH ALABAMA, MAIN CAMPUS	MOBILE	15
16	AL8640015410	BROWNS FERRY NUCLEAR PLANT	ATHENS	0
17	AL2640090005	TVA POWER SERVICE CENTER	MUSCLE SHOALS	0

TOTAL

415,166

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	126,066	30.4	2	11.8
SOLVENTS RECOVERY	M021-M029	5,214	1.3	4	23.5
OTHER RECOVERY	M031-M039	0	.0	1	5.9
INCINERATION	M041-M049	24,463	5.9	5	29.4
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	32,740	7.9	2	11.8
FUEL BLENDING	M061	133,059	32.0	4	23.5
SLUDGE TREATMENT	M101-M109	21	.0	1	5.9
STABILIZATION	M111-M119	53,023	12.8	4	23.5
LANDFILL	M132	40,569	9.8	2	11.8
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	9	.0	1	5.9
TOTAL		415,166	100.0	17	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
		122.050			
FUEL BLENDING	M061	133,059	32.0	4	23.5
METALS RECOVERY (FOR REUSE)	M011-M019	126,066	30.4	2	11.8
STABILIZATION	M111-M119	53,023	12.8	4	23.5
LANDFILL	M132	40,569	9.8	2	11.8
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	32,740	7.9	2	11.8
INCINERATION	M041-M049	24,463	5.9	5	29.4
SOLVENTS RECOVERY	M021-M029	5,214	1.3	4	23.5
SLUDGE TREATMENT	M101-M109	21	.0	1	5.9
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	9	.0	1	5.9
OTHER RECOVERY	M031-M039	0	.0	1	5.9
TOTAL		415,166	100.0	17	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	24,463	5.9	5	29.4
FUEL BLENDING	M061	133,059	32.0	4	23.5
SOLVENTS RECOVERY	M021-M029	5,214	1.3	4	23.5
STABILIZATION	M111-M119	53,023	12.8	4	23.5
LANDFILL	M132	40,569	9.8	2	11.8
METALS RECOVERY (FOR REUSE)	M011-M019	126,066	30.4	2	11.8
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	32,740	7.9	2	11.8
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	9	.0	1	5.9
OTHER RECOVERY	M031-M039	0	.0	1	5.9
SLUDGE TREATMENT	M101-M109	21	.0	1	5.9
TOTAL		415,166	100.0	17	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.
COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

ALABAMA

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 263

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 209,200 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME M & M CHEMICAL & EQUIPMENT COMPANY, INC. CHEMICAL WASTE MANAGEMENT, INC. FISHER INDUSTRIAL SERVICE INC. GULF STATES STEEL ZENECA INC-COLD CREEK SMI STEEL INC TRICO STEEL COMPANY LLC BIRMINGHAM STEEL CORPORATION TUSCALOOSA STEEL CORPORATION ALLWORTH, INC/PHILIP ENV CIBA SPECIALTY CHEMICALS CORP SOLUTIA INC SCHLUMBERGER INDUSTRIES E.I.DU PONT DE NEMOURS & CO. DANNY ISBELL INC DEGUSSA CORPORATION/ALA GROUP ANNISTON ARMY DEPOT K W PLASTICS CREANOVA INC 3M DECATUR GERRARD STEEL PICKLING TERRA FIRST-ALABAMA STORAGE OPERATIONS OCCIDENTAL CHEMICAL CORPORATION MORTON INTERNATIONAL HAGER HINGE CO SONY MAGNETIC PRODUCTS OF AMERICA INC DEXTER PACKAGING PRODUCTS 3M GUIN STEELCASE INC GULF COAST GALVANIZING U S ARMY-REDSTONE ARSENAL NORANDAL USA INC REYNOLDS METALS COMPANY-ALLOYS PLANT ANDERSON ELECTRICAL PRODUCTS REYNOLDS METALS COMPANY-SHEFFIELD PLANT MDA MANUFACTURING INC	CITY	SHIPPED (TONS)
1	ALD070513767	M & M CHEMICAL & EQUIPMENT COMPANY, INC.	ATTALLA	47,832
2	ALD000622464	CHEMICAL WASTE MANAGEMENT, INC.	EMELLE	25,216
3	ALD981020894	FISHER INDUSTRIAL SERVICE INC.	GLENCOE	16,013
4	ALD004014973	GULF STATES STEEL	GADSDEN	14,110
5	ALD095688875	ZENECA INC-COLD CREEK	BUCKS	11,757
6	ALD067123570	SMI STEEL INC	BIRMINGHAM	10,473
7	ALR000006817	TRICO STEEL COMPANY LLC	DECATUR	9,685
8	ALD000622852	BIRMINGHAM STEEL CORPORATION	BIRMINGHAM	9,388
9	ALD982088437	TUSCALOOSA STEEL CORPORATION	TUSCALOOSA	8,990
10	ALD094476793	ALLWORTH, INC/PHILIP ENV	BIRMINGHAM	6,288
11	ALD001221902	CIBA SPECIALTY CHEMICALS CORP	MCINTOSH	4,491
12	ALD006320774	SOLUTIA INC	DECATUR	2,825
13	ALD102066636	SCHLUMBERGER INDUSTRIES	TALLASSEE	2,593
14	ALD093179315	E.I.DU PONT DE NEMOURS & CO.	AXIS	2,579
15	ALD982142960	DANNY ISBELL INC	PELL CITY	2,013
16	ALD075045575	DEGUSSA CORPORATION/ALA GROUP	THEODORE	1,939
17	AL3210020027	ANNISTON ARMY DEPOT	ANNISTON	1,899
18	ALD981475304	K W PLASTICS	TROY	1,722
19	ALD000608224	CREANOVA INC	THEODORE	1,482
20	ALD004023164	3M DECATUR	DECATUR	1,386
21	ALD980839310	GERRARD STEEL PICKLING	FLORENCE	1,299
22	ALD983177015	TERRA FIRST-ALABAMA STORAGE OPERATIONS	VERNON	1,292
23	ALD004019642	OCCIDENTAL CHEMICAL CORPORATION	MUSCLE SHOALS	1,180
24	ALD053360897	MORTON INTERNATIONAL	DECATUR	894
25	ALD000608216	HAGER HINGE CO	MONTGOMERY	818
26	ALD040653636	SONY MAGNETIC PRODUCTS OF AMERICA INC	DOTHAN	788
27	ALD078964970	DEXTER PACKAGING PRODUCTS	BIRMINGHAM	774
28	ALD004019691	3M GUIN	GUIN	628
29	ALD000827352	STEELCASE INC	ATHENS	622
30	ALD983167925	GULF COAST GALVANIZING	CITRONELLE	607
31	AL7210020742	U S ARMY-REDSTONE ARSENAL	REDSTONE ARSENAL	569
32	ALD055798037	NORANDAL USA INC	SCOTTSBORO	479
33	ALD095687679	REYNOLDS METALS COMPANY-ALLOYS PLANT	MUSCLE SHOALS	467
34	ALD003396983	ANDERSON ELECTRICAL PRODUCTS	LEEDS	428
35	ALD053365169	REYNOLDS METALS COMPANY-SHEFFIELD PLANT	SHEFFIELD	427
36	ALD983192246	MDA MANUFACTURING INC	DECATUR	414
31	ALDUZU652422	SHELL CHEMICAL COMPANI	SARALAND	302
38	ALD004020855	MADIX INC	GOODWATER	357
39	ALD041023086	GRIFFIN WHEEL COMPANY BESSEMER	BESSEMER	348
40	ALD981028798	SAFETY-KLEEN CORP-HUNTSVILLE	HUNTSVILLE	340
41	ALD004011342	AKZO NOBEL COATINGS INC	BIRMINGHAM	310
42	ALD061311569	LOZIER CORPORATION-SCOTTSBORO	SCOTTSBORO	296
43	AL3640090004	MADIX INC GRIFFIN WHEEL COMPANY BESSEMER SAFETY-KLEEN CORP-HUNTSVILLE AKZO NOBEL COATINGS INC LOZIER CORPORATION-SCOTTSBORO TVA ENVIRONMENTAL RESEARCH CENTER BRITE-SOL SERVICE CO INC EMCO, INC. VULCAN, INC BRENT INDUSTRIES, INC. JVC MAGNETICS AMERICA COMPANY INTERGRAPH CORPORATION US COAST GHARD GROUP MOBILE	MUSCLE SHOALS	293
44	ALD155638570	BRITE-SOL SERVICE CO INC	CREOLA	293
45	ALD094483591	EMCO, INC.	GADSDEN	292
46	ALD044496966	VULCAN, INC	FULEY	274
47	ALDU84956911	BRENT INDUSTRIES, INC.	BKENT	273
48	ALD982115180	JVC MAGNETICS AMERICA COMPANY	TUSCALOOSA	269
49	ALD980846828	INTERGRAPH CORPORATION	HUNTSVILLE	267
50	AL269U32U435	US COAST GUARD GROUP MOBILE	MOBILE	253

TOTAL 198,611

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 11

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 218,307 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	ALD000622464	CHEMICAL WASTE MANAGEMENT, INC.	EMELLE	81,269
2	ALD070513767	M & M CHEMICAL & EQUIPMENT COMPANY, INC.	ATTALLA	48,195
3	ALD983192402	MEDUSA-CITADEL INC	DEMOPOLIS	32,653
4	ALD981019045	SYSTECH ENVIRONMENTAL CORPORATION	DEMOPOLIS	31,538
5	ALD981020894	FISHER INDUSTRIAL SERVICE INC.	GLENCOE	14,295
6	ALD094476793	ALLWORTH, INC/PHILIP ENV	BIRMINGHAM	5,154
7	ALD983177015	TERRA FIRST-ALABAMA STORAGE OPERATIONS	VERNON	4,561
8	ALD046481032	SANDERS LEAD COMPANY INC	TROY	464
9	ALD031499833	ALLIED SIGNAL INC FAIRFIELD TAR	BIRMINGHAM	113
10	AL2640090005	TVA POWER SERVICE CENTER	MUSCLE SHOALS	59
11	ALD079474037	UNIVERSITY OF SOUTH ALABAMA, MAIN CAMPUS	MOBILE	7

TOTAL 218,307

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	464	. 2	2	20.0
SOLVENTS RECOVERY	M021-M029	5,154	2.6	1	10.0
OTHER RECOVERY	M031-M039	0	.0	1	10.0
INCINERATION	M041-M049	114	.1	3	30.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	32,740	16.4	2	20.0
FUEL BLENDING	M061	88,050	44.1	4	40.0
STABILIZATION	M111-M119	33,971	17.0	1	10.0
LANDFILL	M132	39,337	19.7	1	10.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	10.0
TOTAL		199,830	100.0	10	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	88,050	44.1	4	40.0
LANDFILL	M132	39,337	19.7	1	10.0
STABILIZATION	M111-M119	33,971	17.0	1	10.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	32,740	16.4	2	20.0
SOLVENTS RECOVERY	M021-M029	5,154	2.6	1	10.0
METALS RECOVERY (FOR REUSE)	M011-M019	464	.2	2	20.0
INCINERATION	M041-M049	114	.1	3	30.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	10.0
OTHER RECOVERY	M031-M039	0	.0	1	10.0
TOTAL		199,830	100.0	10	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	88,050	44.1	4	40.0
INCINERATION	M041-M049	114	.1	3	30.0
METALS RECOVERY (FOR REUSE)	M011-M019	464	. 2	2	20.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	32,740	16.4	2	20.0
LANDFILL	M132	39,337	19.7	1	10.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	10.0
SOLVENTS RECOVERY	M021-M029	5,154	2.6	1	10.0
OTHER RECOVERY	M031-M039	0	.0	1	10.0
STABILIZATION	M111-M119	33,971	17.0	1	10.0
TOTAL		199,830	100.0	10	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 143,757 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 150,611 TONS

TOTAL GENERATED

ALASKA

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 50

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 4,547 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	UNOCAL AG PRODUCTS KENAI PLANT USAF WILDWOOD AFS KETCHIKAN PULP CO. USARMY FORT WAINWRIGHT USNAVY CARETAKER SITE OFFICE ADAK TAPS VALDEZ MARINE TERMINAL USAF ELMENDORF AFB TESORO ALASKA PETROLEUM CO KENAI REFINE USAF EIELSON AFB USARMY FORT RICHARDSON USARMY FORT REELY AK MAPCO NORTH POLE REFINERY ARCO PRUDHOE BAY OILFIELD EAST OPS ARCO KUPARUK OILFIELD USDOT CG ISC KODIAK UNIVERSITY OF ALASKA FAIRBANKS USDOT ADOT&PF DELTA M&O FACILITY USDOT FAA ANNETTE ISLAND CLEAR AIR STATION UNIVER SICK CETCHIKAN	CITY	(TONS)
1	AKD092876390	UNOCAL AG PRODUCTS KENAI PLANT	KENAI	2,166
2	AK0570000182	USAF WILDWOOD AFS	KENAI	822
3	AKD009252230	KETCHIKAN PULP CO.	KETCHIKAN	470
4	AK6210022426	USARMY FORT WAINWRIGHT	FORT WAINWRIGHT	181
5	AK4170024323	USNAVY CARETAKER SITE OFFICE ADAK	ADAK	151
6	AKD052581758	TAPS VALDEZ MARINE TERMINAL	VALDEZ	133
7	AK8570028649	USAF ELMENDORF AFB	ELMENDORF AFB	103
8	AKD048679682	TESORO ALASKA PETROLEUM CO KENAI REFINE	KENAI	99
9	AK1570028646	USAF EIELSON AFB	FAIRBANKS	84
10	AK1210022157	USARMY FORT RICHARDSON	FORT RICHARDSON	64
11	AK3210022155	USARMY FORT GREELY AK	FORT GREELY	49
12	AKD000850701	MAPCO NORTH POLE REFINERY	NORTH POLE	43
13	AKD991281221	ARCO PRUDHOE BAY OILFIELD EAST OPS	PRUDHOE BAY	21
14	AKD991281023	ARCO KUPARUK OILFIELD	DEADHORSE	20
15	AK9690330742	USDOT CG ISC KODIAK	KODIAK	17
16	AK9570028705	USAF EARECKSON AIR STATION	SHEMYA ISLAND	12
17	AKD048679567	UNIVERSITY OF ALASKA FAIRBANKS	FAIRBANKS	11
18	AKR000002964	USDOT ADOT&PF DELTA M&O FACILITY	DELTA JUNCTION	10
19	AK3690500167	USDOT FAA ANNETTE ISLAND	ANNETTE	9
20	AK1570028638	MAPCO NORTH POLE REFINERY ARCO PRUDHOE BAY OILFIELD EAST OPS ARCO KUPARUK OILFIELD USDOT CG ISC KODIAK USAF EARECKSON AIR STATION UNIVERSITY OF ALASKA FAIRBANKS USDOT ADOT&PF DELTA M&O FACILITY USDOT FAA ANNETTE ISLAND CLEAR AIR STATION USCG ISC KETCHIKAN BUSKIN BEACH KENAI PIPELINE CO NIKISKI TERM	CLEAR	8
21	AK8690360492	USCG ISC KETCHIKAN	KETCHIKAN	•
22	AKR000002824	BUSKIN BEACH	KODIAK	7
23	AKD035419795	KENAI PIPELINE CO NIKISKI TERM	KENAI ANCHORAGE	7
24	AKR000002584	ALASKA GARDEN & PET SUPPLY	ANCHORAGE	6
25	AKD980329585	TAPS PUMP STATION 6	FAIRBANKS	5
			FAIRBANKS	5
		PRUDHOE BAY UNIT WESTERN OPERATING AREA		4
		TAPS VON HORN FACILITY	FAIRBANKS	4
		FAIRBANKS INTERNATIONAL AIRPORT ADOT & P		4
		ANCHORAGE INTNL. AIRPORT STATE OF AK-DOT		3
		USDOT FAA TANANA	TANANA	3
32	AK7570028632	USAF CAPE NEWENHAM LRRS	CAPE NEWENHAM	2
33	AKD983066390	USAF CAPE NEWENHAM LRRS COMINCO ALASKA INC RED DOG MINE	KIVALINA	2
34	AKD980977078	ANCHORAGE SCHOOL DIST FAC MAINTENANCE	ANCHORAGE	2
35	AK3570028677	USAF POINT LONELY LRRS	POINT LONELY	2
36	AK15/0028695	COMINCO ALASKA INC RED DOG MINE ANCHORAGE SCHOOL DIST FAC MAINTENANCE USAF POINT LONELY LRRS USAF POINT BARROW LRRS TAPS PUMP STATION 2 USAF POINT LAY LRRS USAF CAPE LISBURNE LRRS ADEC-CITY OF WHITTIER IMPOUND YARD USAF KING SALMON TAPS PUMP STATION 5	POINT LONELY BARROW PRUDHOE BAY POINT LAY CAPE LISBURNE	2
3 /	AKD980329536	TAPS PUMP STATION 2	PRUDHOE BAY	2
38	AK95/002869/	USAF POINT LAY LRRS	POINT LAN	2
39	AK15/2/28631	USAF CAPE LISBURNE LRRS	CAPE LISBURNE	1
40	AKRUUUUU30/9	ADEC-CITY OF WHITTIER IMPOUND YARD	WHITTIEK	1 1
41	AK35/UU26669	USAF KING SALMON	KING SALMON	1
12	AKD960329377	TOV CARE DEWLINE CTA	COLDFOOT WAINWRIGHT	1
43	VK3600EU3330	USAF KING SALMON TAPS PUMP STATION 5 ICY CAPE DEWLINE STA USDOT FAA KING SALMON TEXACO ANCHORAGE SALES TERMINAL PUBLIC WORKS CITY OF FAIRBANKS	MATIMATAUT	1
44	WW20202075	ALAYCO YNGAODYCE GYLEG AEDMINYI	KING SALMON ANCHORAGE FAIRBANKS	0
45	AKP0000000025	DIBLIC MORKS CITY OF FAIRBANKS	ANCIUKAGE FATPRANKQ	0
47	AKBUUUU00004/1	VIVAN TIPPILI HPIMP H T. PT TOADIO OFFICE	CHINIAK	0
4.0	AKD983076266	USARMY USACE FT J H SMITH LITTLE NAVY MAINLINE REFRIGERATION UNIT 7	GI.ENALLEN	0
		MAINLINE REFRIGERATION UNIT2	GLENALLEN	0
TO T.	111111111111111111111111111111111111111	THE THE RESIDENCE OF THE STATE		U

TOTAL

4,547

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	76	ONLY AN F CODE	66		
ONLY CORROSIVE	55	ONLY A K CODE	34		
ONLY REACTIVE	107	ONLY A P CODE	0		
ONLY D004-17	3,594	ONLY A U CODE	15		
ONLY D018-43	207				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	310	LISTED CODE	0		
TOTAL	4,349	TOTAL	116	BOTH CHARACTERISTIC & LISTED	78

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	147			IGN. W/ AT LEAST 1 LSTD	58
HAS CORROSIVE CODE	10			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	9			REACT. W/ AT LEAST 1 LSTD	17
HAS D004-D017 CODE	207			D004-17 W/ AT LEAST 1 LSTD	33
HAS D018-D043 CODE	274			D018-43 W/ AT LEAST 1 LSTD	39
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	76
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	3
TOTAL	310	TOTAL	0	TOTAL	78

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 6

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 449,486 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

TONS OF WASTE
RANK EPA ID SITE NAME CITY MANAGED

1 AKD048679682 TESORO ALASKA PETROLEUM CO KENAI REFINE KENAI 449,479
2 AK8570028649 USAF ELMENDORF AFB ELMENDORF AFB 57

TOTAL 449,486

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY OTHER RECOVERY DEEPWELL / UNDERGROUND INJECTION	M021-M029 M031-M039 M134	2 5 449,479	.0 .0 100.0	1 1 1	50.0 50.0 50.0
TOTAL		449,486	100.0	2	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION OTHER RECOVERY SOLVENTS RECOVERY	M134 M031-M039 M021-M029	449,479 5 2	100.0	1 1 1	50.0 50.0 50.0
TOTAL		449,486	100.0	2	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	449,479	100.0	1	50.0
SOLVENTS RECOVERY	M021-M029	2	.0	1	50.0
OTHER RECOVERY	M031-M039	5	.0	1	50.0
TOTAL		449,486	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 48

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 4,609 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

FIF.	IY LARGEST RCR	SITE NAME UNOCAL AG PRODUCTS KENAI PLANT USAF WILDWOOD AFS KETCHIKAN PULP CO. USARMY FORT WAINWRIGHT USNAVY CARETAKER SITE OFFICE ADAK TAPS VALDEZ MARINE TERMINAL USAF ELMENDORF AFB TESORO ALASKA PETROLEUM CO KENAI REFINE USDOT CG ISC KODIAK USAF EIELSON AFB USARMY FORT RICHARDSON USARMY FORT GREELY AK MAPCO NORTH POLE REFINERY ARCO PRUDHOE BAY OILFIELD ARCO KUPARUK OILFIELD USDOT FAA ANNETTE ISLAND USAF CAPE NEWENHAM LRRS USAF EARECKSON AIR STATION USDOT ADOTRPF DELTA M&O FACILITY UNIVERSITY OF ALASKA FAIRBANKS USAF POINT BARROW LRRS PRUDHOE BAY UNIT WESTERN OPERATING AREA	CT TTV	QUANTITY
RANK	EPA ID	SITE NAME	CITY	SHIPPED (TONS)
		TINGCAL AC DEODUCTO KENAT DIANT	V DNA T	2 13/
2	AKD092070390	IICAE WII DWOOD AFC	KENAI	2,134
2	VKDUU032233U	KETCUIKAN DIIID CO	KENAT	470
4	AK6210022426	IIGARMY FORT WAINWRIGHT	FORT WAINWRIGHT	197
5	AK4170022420	IIGNAVV CAPETAKER SITE OFFICE ADAK	ADAK	151
6	AKD052581758	TAPS VALDEZ MARINE TERMINAL	VALDEZ	133
7	AK8570028649	USAF ELMENDORF AFB	ELMENDORF AFB	115
8	AKD048679682	TESORO ALASKA PETROLEUM CO KENAI REFINE	KENAI	99
9	AK9690330742	USDOT CG ISC KODIAK	KODTAK	71
10	AK1570028646	USAF EIELSON AFB	FAIRBANKS	66
11	AK1210022157	USARMY FORT RICHARDSON	FORT RICHARDSON	60
12	AK3210022155	USARMY FORT GREELY AK	FORT GREELY	45
13	AKD000850701	MAPCO NORTH POLE REFINERY	NORTH POLE	43
14	AKD991281221	ARCO PRUDHOE BAY OILFIELD EAST OPS	PRUDHOE BAY	21
15	AKD991281023	ARCO KUPARUK OILFIELD	DEADHORSE	20
16	AK3690500167	USDOT FAA ANNETTE ISLAND	ANNETTE	19
17	AK7570028632	USAF CAPE NEWENHAM LRRS	CAPE NEWENHAM	13
18	AK9570028705	USAF EARECKSON AIR STATION	SHEMYA ISLAND	12
19	AKR000002964	USDOT ADOT&PF DELTA M&O FACILITY	DELTA JUNCTION	10
20	AKD048679567	TESORO ALASKA PETROLEUM CO KENAI REFINE USDOT CG ISC KODIAK USAF EIELSON AFB USARMY FORT RICHARDSON USARMY FORT GREELY AK MAPCO NORTH POLE REFINERY ARCO PRUDHOE BAY OILFIELD EAST OPS ARCO KUPARUK OILFIELD USDOT FAA ANNETTE ISLAND USAF CAPE NEWENHAM LRRS USAF EARECKSON AIR STATION USDOT ADOT&PF DELTA M&O FACILITY UNIVERSITY OF ALASKA FAIRBANKS USAF POINT BARROW LRRS PRUDHOE BAY UNIT WESTERN OPERATING AREA	FAIRBANKS	9
21	AK1570028695	USAF POINT BARROW LRRS	BARROW	9
22	AKD000643239	PRUDHOE BAY UNIT WESTERN OPERATING AREA	PRUDHOE BAY	9
23	AK1570028638	CLEAR AIR STATION	CLEAR	8
24	AK9570028697	CLEAR AIR STATION USAF POINT LAY LRRS USAF POINT LONELY LRRS BUSKIN BEACH	POINT LAY	8
25	AK3570028677	USAF POINT LONELY LRRS	POINT LONELY	7 7
20	AKRUUUUU2824	KENAI PIPELINE CO NIKISKI TERM USAF CAPE LISBURNE LRRS ALASKA GARDEN & PET SUPPLY TAPS PUMP STATION 6 KENT HUEY CCI INC. TAPS VON HORN FACILITY	KODIAK	7
27	AKDU35419795	MENAL PIPELINE CO NIKISKI LEKM	CAPE LISBURNE	6
20	AKI372720031	NINCKN CAPDEN C. DET CUDDIV	ANCHODACE	6
30	VKD08U330E8E	TADO DIMO CTATION 6	FATDDANKC	5
31	AK0000016709	KENT HIEY CCT INC	FATRBANKS	5
32	AKD982656498	TAPS VON HORN FACILITY	FATRBANKS	4
33	AKD983068677	FAIRBANKS INTERNATIONAL AIRPORT ADOT & P	FAIRBANKS	4
		ANCHORAGE INTNL. AIRPORT STATE OF AK-DOT		3
2 -				3
36	AKD983066390	COMINCO ALASKA INC RED DOG MINE	KIVALINA	2
37	AK8690360492	USDOT FAA TANANA COMINCO ALASKA INC RED DOG MINE USCG ISC KETCHIKAN TAPS PUMP STATION 2 ADEC-CITY OF WHITTIER IMPOUND YARD	KETCHIKAN	2
38	AKD980329536	TAPS PUMP STATION 2	PRUDHOE BAY	2
39	AKR000003079	ADEC-CITY OF WHITTIER IMPOUND YARD	WHITTIER	1
40	AK3570028669	USAF KING SALMON	KING SALMON	1
41	AKD980329577	TAPS PUMP STATION 5	COLDFOOT	1
42	AKR000002170	TAPS PUMP STATION 5 ICY CAPE DEWLINE STA USDOT FAA KING SALMON TEXACO ANCHORAGE SALES TERMINAL PUBLIC WORKS CITY OF FAIRBANKS	KING SALMON COLDFOOT WAINWRIGHT	1
43	AK3690502239	USDOT FAA KING SALMON	KING SALMON	1
44	AKD055503825	TEXACO ANCHORAGE SALES TERMINAL	ANCHORAGE	0
45	AKR000000471	PUBLIC WORKS CITY OF FAIRBANKS	FAIRBANKS	0
46	AKRUUUUUU174	TAPS PUMP STATION 5 ICY CAPE DEWLINE STA USDOT FAA KING SALMON TEXACO ANCHORAGE SALES TERMINAL PUBLIC WORKS CITY OF FAIRBANKS USARMY USACE FT J H SMITH LITTLE NAVY MAINLINE REFRIGERATION UNIT 7 MAINLINE REFRIGERATION UNIT 7	CHINIAK	0
4/	AVD003076350	MAINLINE REFRIGERATION UNIT /	GLENALLEN GLENALLEN	0
48	WUD2020/0228	MAINLINE REFRIGERATION UNIT2	CTENATIFIN	0

TOTAL

4,609

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 3

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 77 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

			QUANTITY
EPA ID	SITE NAME	CITY	RECEIVED (TONS)
AK8570028649	USAF ELMENDORF AFB	ELMENDORF AFB	58
AK6210022426	USARMY FORT WAINWRIGHT	FORT WAINWRIGHT	19
AK9690330742	USDOT CG ISC KODIAK	KODIAK	1
	AK6210022426		AK8570028649 USAF ELMENDORF AFB AK6210022426 USARMY FORT WAINWRIGHT FORT WAINWRIGHT

TOTAL 77

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

ALASKA

1997 WASTE RECEIPTS, CONTINUED

TABLES 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN ALASKA THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE FROM OFFSITE IN 1997 OTHER THAN STORAGE ONLY FACILITIES.

ALASKA

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 4,531 TONS

TOTAL GENERATED

50,564

ARIZONA

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 180

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 53,031 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

	EPA ID	SITE NAME	CITY TUCSON KINGMAN MESA SAN MANUEL PHX CHANDLER CHANDLER	(TONS)
	720000005422	RAYTHEON MISSILE SYSTEMS	TUCSON	29,482
		NORTH STAR STEEL AZ	KINGMAN	5,307
	AZD982491649		MECA	2,668
	AZD001886597		CAN MANUET	1,270
	AZD001880397 AZD049318009		DUY	1,243
		GOULD ELECTRONICS	CHANDI ED	1,243
		ADFLEX SOLUTIONS	CHANDLEK CHANDI ED	972
		CONTINENTAL CIRCUITS	PHX	789
	AZD043848050		MESA	738
	AZD043848030		PHX	560
		CONTINENTAL CIRCUITS	PHX	544
	AZP970304001		PHX	479
		REVLON CONSUMER PRDTS	PHX	393
	AZD980816920		CHANDLER	370
16	AZD982030652	CILDEDE ENCD	TUCSON GLENDALE	291 289
17	AZ1030010030	GILDERI ENGR	PHX	261
1/	AZD9034/4453	BFI MEDICAL WASTE SYS NELCO TECH		224
	AZD980818330 AZD091235457		TEMPE CHANDLER	200
20	AZD982486169 AZR000001107	METCO METAL FINISHING	PHX CHANDLER	194 192
		ALLIED SIGNAL	TEMPE	170
		MCDONNELL DOUGLAS HELICOPTER SYS	MESA	162
		ALLIED SIGNAL	PHX	157
		SGS THOMSON MICROELECTRONICS TEXACO PHX SALES	PHX PHX	141 131
	AZD008411031 AZD003987997		CASA GRANDE	129
20	AZD003907997	MINEDEC MINING CHEMICALC	TUCSON	121
20	W7D3034001T0	MINEREC MINING CHEMICALS CHEMRESEARCH CO MCCULLOCH CORP. UNIVERSITY OF AZ LEARIET INC	PHX	119
20	AZD000330303	MAGGILL COLL CORD		117
21	AZD041436333	MCCULLOCH CORP.	LAKE HAVASU CITY TUCSON	117
3.7	AZD020703310	TEADTED INC	TUCSON	113
22	AZDUZU/U331U	II C ADMY VIIMA DDOM CDND	YUMA	113
21	M72713070331	COUTE DAY CIDCUITE	CHANDLER	112
25	AZIUUU0Z4445	SOUTH BAY CIRCUITS	TUCSON	105
35	AZIUUU01/546	U.S. ARMY YUMA PROV GRND SOUTH BAY CIRCUITS TEXACO TUCSON SALES MASTERCRAFT CABINETS BURR BROWN CORP	MESA	105
27	72D0003011E1	DIDD DDOWN CODD	TUCSON	100
20	AZD0003394434 AZD079014221	COMAN	YUMA	92
		PHX HEAT TREATING	PHX	92
		DAVIS MONTHAN AFB	DAVIS MONTHAN AFB	90
41	AZ45/00Z4055	DAVIS MONITAN AFB	CASA GRANDE	90
12	V4D0000323010	HUNTER DOUGLAS WOOD PRODTS QUALITY PRINTED CIRCUITS	PHX	86
12	AZD983303040 AZD982400889	METGED TOCK	TUCSON	85
		NORTHROP GRUMMAN	CHANDLER	82
	AZD982471062		MESA	82
	AZD982471002 AZD982519746		TUCSON	75
		PROLER INTL CORP	COOLIDGE	73
		SUNBELT REFINING	COOLIDGE	72
		GOLDEN FALCON INTL	YUMA	70
		OUICK TURN CIRCUITS	PHX	67
	A2D0/11104/0	ZOICK TOWN CINCOITS	FIIA	07
TOTAL				50.564

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	722	ONLY AN F CODE	32,310		
ONLY CORROSIVE	1,531	ONLY A K CODE	7,175		
ONLY REACTIVE	167	ONLY A P CODE	245		
ONLY D004-17	2,877	ONLY A U CODE	50		
ONLY D018-43	790				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	2,380	LISTED CODE	557		
TOTAL	8,467	TOTAL	40,338	BOTH CHARACTERISTIC & LISTED	4,203

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	1,652			IGN. W/ AT LEAST 1 LSTD	3,490
HAS CORROSIVE CODE	1,121			CORR. W/ AT LEAST 1 LSTD	83
HAS REACTIVE CODE	151			REACT. W/ AT LEAST 1 LSTD	21
HAS D004-D017 CODE	2,199			D004-17 W/ AT LEAST 1 LSTD	1,076
HAS D018-D043 CODE	151			D018-43 W/ AT LEAST 1 LSTD	1,213
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	4,147
		HAS A K CODE	553	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	557	P WASTE W/ AT LEAST 1 CHAR	4
		HAS A U CODE	4	U WASTE W/ AT LEAST 1 CHAR	58
TOTAL	2,380	TOTAL	557	TOTAL	4,203

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

TONS OF WASTE

4,218

ARIZONA

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 23

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 4,218 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

				TOMP OF MWPIF
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	AZD009015389	ROMIC ENVIRONMENTAL TECHNOLOGIES	CHANDLER	3,017
2	AZR000005454	EARTH PROTECTION SVC	PHX	1,105
3	AZ5213820991	U.S. ARMY YUMA PROV GRND	YUMA	92
4	AZT000624429	PALO VERDE NUCLEAR GEN STA	WINTERSBURG	2
5	AZ4570024055	DAVIS MONTHAN AFB	DAVIS MONTHAN AFB	2
TOTAL				

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.
STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.
FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	1,105	26.2	1	20.0
SOLVENTS RECOVERY	M021-M029	1,590	37.7	3	60.0
INCINERATION	M041-M049	106	2.5	2	40.0
FUEL BLENDING	M061	1,417	33.6	1	20.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	20.0
TOTAL		4,218	100.0	5	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	1,590	37.7	3	60.0
FUEL BLENDING	M061	1,417	33.6	1	20.0
METALS RECOVERY (FOR REUSE)	M011-M019	1,105	26.2	1	20.0
INCINERATION	M041-M049	106	2.5	2	40.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	20.0
TOTAL		4,218	100.0	5	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY INCINERATION	M021-M029 M041-M049	1,590 106	37.7	3 2	60.0
FUEL BLENDING OTHER DISPOSAL SPECIFIED IN COMMENTS	M061 M137	1,417 0	33.6	1 1	20.0
METALS RECOVERY (FOR REUSE)	M011-M019	1,105	26.2	1	20.0
TOTAL		4,218	100.0	5	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 170

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 57,088 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	F'IF".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		OHANTITY
		EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
			RAYTHEON MISSILE SYSTEMS	TUCSON	29,486
			NORTH STAR STEEL AZ	KINGMAN	5,307
		AZD982491649		MESA	2,665
		AZD049318009		PHX	2,633
			ROMIC ENVIRONMENTAL TECHNOLOGIES	CHANDLER	2,427
		AZD001886597		SAN MANUEL	1,311
			GOULD ELECTRONICS	CHANDLER	1,042
			ADFLEX SOLUTIONS	CHANDLER	989
	9	AZD980896310	CONTINENTAL CIRCUITS	PHX	789
	10	AZD043848050	MOTOROLA	MESA	726
	11	AZD009004177	MOTOROLA	PHX	553
		AZD980892897	SAFETY-KLEEN CORP	TUCSON	482
	13	AZP970304001	APS	PHX	479
	14	AZD981969504	SAFETY KLEEN CORP	CHANDLER	476
			REVLON CONSUMER PRDTS	PHX	406
		AZD980816920		CHANDLER	370
			CONTINENTAL CIRCUITS	PHX	365
		AZT050010636		GLENDALE	293
			BFI MEDICAL WASTE SYS	PHX	261
		AZD980818330		TEMPE	224
		AZD091235457		CHANDLER	200
		AZR000001107 AZD982486169		CHANDLER PHX	192 191
		AZD982486169 AZD980881163	METCO METAL FINISHING MCDONNELL DOUGLAS HELICOPTER SYS	PHX MESA	159
			ALLIED SIGNAL	PHX	143
			ALLIED SIGNAL	TEMPE	143
			SGS THOMSON MICROELECTRONICS	PHX	141
			TEXACO PHX SALES	PHX	131
		AZD003987997	HEXCEL CORP	CASA GRANDE	129
			MCCULLOCH CORP.	LAKE HAVASU CITY	118
			CHEMRESEARCH CO	PHX	116
	32	AZD000819615	UNIVERSITY OF AZ	TUCSON	114
	33	AZD020703310	LEARJET INC	TUCSON	113
	34	AZT000624445	SOUTH BAY CIRCUITS	CHANDLER	111
	35	AZT000617548	TEXACO TUCSON SALES	TUCSON	105
	36	AZD008394454	BURR BROWN CORP	TUCSON	100
		AZD981988967	MASTERCRAFT CABINETS	MESA	96
		AZT050010180	ADVANCED ENV.TECH SVC	PHX	95
		AZ4570024055		DAVIS MONTHAN AFB	92
		AZD079014221	GOWAN	YUMA	92
		AZD009010273	PHX HEAT TREATING	PHX	92
		AZD983583048	QUALITY PRINTED CIRCUITS	PHX TUCSON	86 85
		AZD983480716 AZD982400889	MINEREC MINING CHEMICALS WEISER LOCK	TUCSON	85
		AZD982041907	NORTHROP GRUMMAN	CHANDLER	82
		AZD982471062		MESA	82
			IMATION	TUCSON	75
			PROLER INTL CORP	COOLIDGE	72
			SUNBELT REFINING	COOLIDGE	71
			GOLDEN FALCON INTL	YUMA	70
-	TOTAL				54.662

54,663

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 8

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 9,476 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

	11 21110201 11011	ii iiidiiideed midii niidiiviid, iyy,		OUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	AZD009015389	ROMIC ENVIRONMENTAL TECHNOLOGIES	CHANDLER	4,479
2	AZD049318009	LAIDLAW	PHX	2,267
3	AZR000005454	EARTH PROTECTION SVC	PHX	1,119
4	AZD981969504	SAFETY KLEEN CORP	CHANDLER	1,073
5	AZD980892897	SAFETY-KLEEN CORP	TUCSON	390
6	AZT050010180	ADVANCED ENV.TECH SVC	PHX	141
7	AZD000819615	UNIVERSITY OF AZ	TUCSON	6
8	AZ4572190029	DRMO LUKE	GLENDALE	1

TOTAL 9,476

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF OUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES	
METALS RECOVERY (FOR REUSE)	M011-M019	1,105	26.8	1	50.0	
SOLVENTS RECOVERY	M021-M029	1,586	38.5	1	50.0	
INCINERATION	M041-M049	14	.3	1	50.0	
FUEL BLENDING	M061	1,417	34.4	1	50.0	
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	50.0	
TOTAL		4,122	100.0	2		

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	1,586	38.5	1	50.0
FUEL BLENDING	M061	1,417	34.4	1	50.0
METALS RECOVERY (FOR REUSE)	M011-M019	1,105	26.8	1	50.0
INCINERATION	M041-M049	14	.3	1	50.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	50.0
TOTAL		4,122	100.0	2	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
FUEL BLENDING	M061	1,417	34.4	1	50.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	50.0
METALS RECOVERY (FOR REUSE)	M011-M019	1,105	26.8	1	50.0
SOLVENTS RECOVERY	M021-M029	1,586	38.5	1	50.0
INCINERATION	M041-M049	14	.3	1	50.0
TOTAL		4,122	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED. COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 3,913 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 51,869 TONS

TOTAL GENERATED

ARKANSAS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 206

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 1,052,744 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

	EPA ID	SITE NAME	CITY	(TONS) 752,607 71,787 50,822 49,868 38,067 32,437 15,260 6,355 5,761 4,161 3,930 3,680 2,015 1,325 1,084 1,059 786 723 669 639 539 504 398 397 363 363 378
	ΔRD043195429	GREAT LAKES CHEMICAL CORPORATION	EI. DORADO	752 607
2	ARD043133423	GREAT LAKES CHEMICAL CORPORATION RINECO NUCOR YAMATO STEEL NUCOR STEEL ARKANSAS	RENTON	71 787
3	ARD901037070	NIICOR VAMATO STEFI.	BLYTHEVILLE BLYTHEVILLE	50 822
4	ARD901900090	NUCOR TAMATO SIEEE	BI.VTHEVIII.F	49 868
	ARD903270243	REYNOLDS METALS CO GUM SPRINGS PLANT	VDKVDELDRIV	39 067
6	ARD000334101 ARD069748192	ENSCO INC	EI. DORADO	30,007
		EASTMAN CHEMICAL CO ARKANSAS EASTMAN	BATESVII.I.F	15 260
		OHANEY MAYSTEEL DIVISION	FT SMITH	6 355
a	APD983287889	QUANEX MAXSTEEL DIVISION GARRISON INDUSTRIES INC ALBEMARLE CORPORATION SOUTH PLANT	FI. DOPADO	5 761
10	ARD003207009	ALREMADI.F CORDORATION SOUTH DIANT	MAGNOLIA	4 161
11	ARD092720007	CPS CHEMICAL COMPANY	W MEMPHIS	3.930
		ARKANSAS STEEL ASSOCIATES	NEWPORT	3 680
13	ARD067671313	ARKANSAS STEEL ASSOCIATES WEYERHAEUSER DEQUEEN WOOD	NEWPORT DEQUEEN MAGNOLIA W HELENA	2 015
14	ARD982558561	ALBEMARIE CORPORATION WEST PLANT	MAGNOLTA	1 325
15	ARD990660649	CEDAR CHEMICAL CORPORATION	W HELENA	1 084
16	ARD983267600	ALBEMARLE CORPORATION WEST PLANT CEDAR CHEMICAL CORPORATION TOKUSEN USA INC	CONWAY	1.059
17	ARD000709584	SUPERIOR INDUSTRIES INTL INC AMERON - PROTECTIVE COATINGS SYSTEMS	FAYETTEVILLE	786
18	ARD007240716	AMERON - PROTECTIVE COATINGS SYSTEMS	LITTIE ROCK	723
19	AR0000064311	AMERON - PROTECTIVE COATINGS SYSTEMS REMINGTON ARMS CO INC LION OIL CO BRYCE INTERNATIONAL LLC PLANT 2 BPS INC UNIT II	I'ONOKE	669
20	ARD000001311	LION OIL CO	EL DORADO	639
21	ARD092923184	BRYCE INTERNATIONAL LLC PLANT 2	SEARCY	539
22	ARD983288572	BPS INC UNIT II	HELENA	504
		ASH GROVE CEMENT COMPANY FOREMAN PLANT	FOREMAN	398
		CYRO INDUSTRIES	OSCEOLA	397
		DANAHER TOOL GROUP SPRINGDALE OPERATIONS	SPRINGDALE	363
		LILLY INDUSTRIES INC	LITTLE ROCK	338
27	ARD983274143	DANAHER TOOL GROUP SPRINGDALE OPERATIONS LILLY INDUSTRIES INC WAL MART INC RETURNS CENTER INSPEC FOAMS INC MAYBELLINE SALES INC VIRCO MFG CORP BALL METAL FOOD CONTAINER CORP S R OF ARKANSAS	BENTONVILLE	311
		INSPEC FOAMS INC	MAGNOLIA	280
		MAYBELLINE SALES INC	N LITTLE ROCK	260
		VIRCO MFG CORP	CONWAY	259
31	ARD006344972	BALL METAL FOOD CONTAINER CORP	SPRINGDALE	258
32	ARD980867642	VIRCO MFG CORP BALL METAL FOOD CONTAINER CORP S R OF ARKANSAS US ARMY PINE BLUFF ARSENAL TREFILARBED ARKANSAS INC	WILSON PINE BLUFF	228
33	AR0213820707	US ARMY PINE BLUFF ARSENAL	PINE BLUFF	223
34	ARD983272485	TREFILARBED ARKANSAS INC	PINE BLUFF	214
35	ARD000022186	GREAT LAKES CHEMICAL CORPORATION SOUTH	EL DORADO	211
36	ARD983267733	BEKAERT CORPORATION	ROGERS	206
37	ARR000000547	QUALITY BEARING SERVICE NESTE POLYESTER INCORPORATED KAWNEER COMPANY INC CLARIDGE PRODUCTS AND EQUIPMENT INC	LITTLE ROCK	195
38	ARD062145388	NESTE POLYESTER INCORPORATED	FT SMITH	161
39	ARD038882676	KAWNEER COMPANY INC	SPRINGDALE	155
40	ARD006338099	CLARIDGE PRODUCTS AND EQUIPMENT INC	HARRISON SHERIDAN	150
41	ARD000388983	STERLING PLUMBING GROUP INC	SHERIDAN	149
42	ARD021344700	AMTRAN CORPORATION	CONWAY	136
43	ARD006354484	ZENECA AG PRODUCTS NLR PLANT	N LITTLE ROCK	131
44	ARR000000083	AMERIMAX COATED PRODUCTS	W HELENA	122
45	ARD983273590	CLARIDGE PRODUCTS AND EQUIPMENT INC STERLING PLUMBING GROUP INC AMTRAN CORPORATION ZENECA AG PRODUCTS NLR PLANT AMERIMAX COATED PRODUCTS CRANE KEMLITE WHITE RODGERS CO CENTURY TUBE CORPORATION WHIRLPOOL CORP FORT SMITH DIV DARLING STORE FIXTURES PARAGOULD PLANT	JONESBORO	115
46	ARD006354294	WHITE RODGERS CO	BATESVILLE	115
47	ARD093404143	CENTURY TUBE CORPORATION	PINE BLUFF	110
48	ARD042755389	WHIRLPOOL CORP FORT SMITH DIV	FT SMITH	104
49	ARD049984214	DARLING STORE FIXTURES PARAGOULD PLANT	PARAGOULD	101
		KOPPERS INDUSTRIES INC	N LITTLE ROCK	93

1,049,860

NOTE:

TOTAL

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	6,139	ONLY AN F CODE	4,094		
ONLY CORROSIVE	286	ONLY A K CODE	149,706		
ONLY REACTIVE	1	ONLY A P CODE	5		
ONLY D004-17	19,280	ONLY A U CODE	112		
ONLY D018-43	6,232				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	93,740	LISTED CODE	752,568		
TOTAL	125,680	TOTAL	906,485	BOTH CHARACTERISTIC & LISTED	20,579

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	92,649			IGN. W/ AT LEAST 1 LSTD	17,767
HAS CORROSIVE CODE	33,561			CORR. W/ AT LEAST 1 LSTD	177
HAS REACTIVE CODE	25,633			REACT. W/ AT LEAST 1 LSTD	125
HAS D004-D017 CODE	91,695			D004-17 W/ AT LEAST 1 LSTD	1,882
HAS D018-D043 CODE	2,921			D018-43 W/ AT LEAST 1 LSTD	12,669
		HAS AN F CODE	752,088	F WASTE W/ AT LEAST 1 CHAR	19,476
		HAS A K CODE	752,088	K WASTE W/ AT LEAST 1 CHAR	1,430
		HAS A P CODE	480	P WASTE W/ AT LEAST 1 CHAR	7
		HAS A U CODE	752,568	U WASTE W/ AT LEAST 1 CHAR	222
TOTAL	93,740	TOTAL	752,568	TOTAL	20,579

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 23

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 1,001,426 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1111111	2111 22		0111	11111022
1	ARD043195429	GREAT LAKES CHEMICAL CORPORATION	EL DORADO	750,900
2	ARD006354161	REYNOLDS METALS CO GUM SPRINGS PLANT	ARKADELPHIA	84,148
3	ARD981057870	RINECO	BENTON	59,383
4	ARD981512270	ASH GROVE CEMENT COMPANY FOREMAN PLANT	FOREMAN	52,611
5	ARD069748192	ENSCO INC	EL DORADO	38,462
6	ARD089234884	EASTMAN CHEMICAL CO ARKANSAS EASTMAN	BATESVILLE	15,866
7	AR0213820707	US ARMY PINE BLUFF ARSENAL	PINE BLUFF	56

TOTAL 1,001,426

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	89,432	8.9	4	57.1
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	65,448	6.5	3	42.9
FUEL BLENDING	M061	57,638	5.8	1	14.3
LANDFILL	M132	38,009	3.8	1	14.3
DEEPWELL / UNDERGROUND INJECTION	M134	750,900	75.0	1	14.3
TOTAL		1,001,426	100.0	7	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	750,900	75.0	1	14.3
INCINERATION	M041-M049	89,432	8.9	4	57.1
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	65,448	6.5	3	42.9
FUEL BLENDING	M061	57,638	5.8	1	14.3
LANDFILL	M132	38,009	3.8	1	14.3
TOTAL		1,001,426	100.0	7	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	89,432	8.9	4	57.1
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	65,448	6.5	3	42.9
FUEL BLENDING	M061	57,638	5.8	1	14.3
LANDFILL	M132	38,009	3.8	1	14.3
DEEPWELL / UNDERGROUND INJECTION	M134	750,900	75.0	1	14.3
TOTAL		1,001,426	100.0	7	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 196

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 216,953 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4 F'.	LFTY LARGEST RCF	RA HAZARDOUS WASTE SHIPPERS, 1997		011111111111111
RAI	NK EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
	1 700001057070	DINECO	DENTON	71 5/3
	2 ARD901037070	NIICOD VAMATO CTETI	DENTON	71,343
	2 ARD901900090	NUCOR IAMAIO SIEEL	DIAMMEALLIE	10,322
	A ARD9032/0243	OUTNEY MAYORED DIVICTON	DUITUEATUE	49,000 6 221
	4 ARD053/30/01	QUANEA MAASIEEL DIVISION	FI DODADO	0,321 F 761
	5 ARD903207009	ALDEMADIE CODDODATION COULT DIANT	MACNOLTA	7,761 1,100
	7 ADD032702067	CDC CUPMICAL COMPANY	W MEMBUIC	2 047
	9 ADD001601261	ADKANGAG GTEFI AGGOGIATEG	MEMDODT	3,547
	0 ARD091091201	WEVEDUVELIGED DEVLIEEN MOOD	DEULLEN	2 015
	0 ARD007071313	CPFAT LAKES CHEMICAL COPPODATION	FI. DORADO	1 702
:	11 ARD982558561	ALBEMARIE CORPORATION WEST PLANT	MAGNOLI A	1.321
	2 ARD054575238	SAFETY KLEEN CORP	LITTLE ROCK	1.098
	3 ARD990660649	CEDAR CHEMICAL CORPORATION	W HELENA	1.084
	4 ARD983267600	TOKUSEN USA INC	CONWAY	1.059
	15 ARD000709584	SUPERIOR INDUSTRIES INTL INC	FAYETTEVILLE	778
	L6 ARD007240716	AMERON - PROTECTIVE COATINGS SYSTEMS	LITTLE ROCK	723
	L7 ARD000021998	LION OIL CO	EL DORADO	669
	L8 AR0000064311	REMINGTON ARMS CO INC	LONOKE	669
	L9 ARD092923184	BRYCE INTERNATIONAL LLC PLANT 2	SEARCY	554
:	20 ARD983288572	BPS INC UNIT II	HELENA	506
	21 ARD983272485	TREFILARBED ARKANSAS INC	PINE BLUFF	425
:	22 ARD139607048	BPS INC UNIT II TREFILARBED ARKANSAS INC CYRO INDUSTRIES	OSCEOLA	392
	23 ARD044484780	DANAHER TOOL GROUP SPRINGDALE OPERATIONS	SPRINGDALE	364
:	24 ARD981512270	ASH GROVE CEMENT COMPANY FOREMAN PLANT	FOREMAN	355
:	25 ARD059634659	LILLY INDUSTRIES INC	LITTLE ROCK	347
:	26 ARD983274143	ASH GROVE CEMENT COMPANY FOREMAN PLANT LILLY INDUSTRIES INC WAL MART INC RETURNS CENTER INSPEC FOAMS INC BALL METAL FOOD CONTAINER CORP VIRCO MFG CORP MAYBELLINE SALES INC S R OF ARKANSAS EASTMAN CHEMICAL CO ARKANSAS EASTMAN GREAT LAKES CHEMICAL CORPORATION SOUTH BEKAERT CORPORATION QUALITY BEARING SERVICE KAWNEED COMPANY INC	BENTONVILLE	311
	27 AR0000885889	INSPEC FOAMS INC	MAGNOLIA	289
:	28 ARD006344972	BALL METAL FOOD CONTAINER CORP	SPRINGDALE	260
:	29 ARD059637710	VIRCO MFG CORP	CONWAY	254
	30 ARD077395283	MAYBELLINE SALES INC	N LITTLE ROCK	253
	31 ARD980867642	S R OF ARKANSAS	WILSON	230
	32 ARD089234884	EASTMAN CHEMICAL CO ARKANSAS EASTMAN	BATESVILLE	227
	33 ARD000022186	GREAT LAKES CHEMICAL CORPORATION SOUTH	EL DORADO	211
	34 ARD983267733	BEKAERT CORPORATION	ROGERS	206
	35 ARR000000547	QUALITY BEARING SERVICE	LITTLE ROCK	195
	36 ARD038882676	KAWNEER COMPANY INC	SPRINGDALE	173
	37 ARU21382U7U7	BEKAERT CORPORATION QUALITY BEARING SERVICE KAWNEER COMPANY INC US ARMY PINE BLUFF ARSENAL NESTE POLYESTER INCORPORATED	PINE BLUFF	167
	38 ARDU62145388	NESTE POLYESTER INCORPORATED	FT SMITH	165
	39 ARD006338099	CLARIDGE PRODUCTS AND EQUIPMENT INC	HARRISON	150
	11 ARD000388983	STERLING PLUMBING GROUP INC	SHERIDAN	142 142
	12 ADD0063544700	AMIRAN CORPORATION	CONWAY	131
	12 AKDUUU0354404	ZENECA AG PRODUCIS NER PLANI	N LIIILE ROCK	128
	14 ARRUUUUUUUU03	CDAME VEMITEE	W HELENA	115
	15 ARD9032/3390	CRANE REMLIE CODDODATION	DINE DITTE	109
	16 ARD006354294	NESTE POLYESTER INCORPORATED CLARIDGE PRODUCTS AND EQUIPMENT INC STERLING PLUMBING GROUP INC AMTRAN CORPORATION ZENECA AG PRODUCTS NLR PLANT AMERIMAX COATED PRODUCTS CRANE KEMLITE CENTURY TUBE CORPORATION WHITE RODGERS CO DARLING STORE FIXTURES PARAGOULD PLANT	BATESVILLE	107
	17 ARD049984214	DARLING STORE FIXTURES PARAGOULD PLANT	PARAGOILD	105
	18 ARD042755389	WHIRLPOOL CORP FORT SMITH DIV	FT SMITH	104
	19 ARD006344824	KOPPERS INDUSTRIES INC	N LITTLE ROCK	97
	50 ARD035500818	WHITE ROBERS OF PRINTURES PARAGOULD PLANT WHIRLPOOL CORP FORT SMITH DIV KOPPERS INDUSTRIES INC SOUTHERN STEEL & WIRE CO	FT SMITH	92
			~	72
TOT	AL			014 060

214,062

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 6

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 200,603 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

•			i milinibood widil keelitato, 1997		
	D 3 3 777 F		0.T.T. 17.14.T.	GT.TT.	QUANTITY
	RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
	1	ARD981057870	RINECO	BENTON	59,383
	2	ARD981512270	ASH GROVE CEMENT COMPANY FOREMAN PLANT	FOREMAN	52,556
	3	ARD006354161	REYNOLDS METALS CO GUM SPRINGS PLANT	ARKADELPHIA	46,139
	4	ARD069748192	ENSCO INC	EL DORADO	40,896
	5	ARD054575238	SAFETY KLEEN CORP	LITTLE ROCK	854
	6	ARD089234884	EASTMAN CHEMICAL CO ARKANSAS EASTMAN	BATESVILLE	775

200,603

COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

NOTE:

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION ENERGY RECOVERY (REUSE AS FUEL) FUEL BLENDING	M041-M049 M051-M059 M061	84,884 54,793 57,638	43.0 27.8 29.2	3 3 1	60.0 60.0 20.0
TOTAL		197,316	100.0	5	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	84,884	43.0	3	60.0
FUEL BLENDING	M061	57,638	29.2	1	20.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	54,793	27.8	3	60.0
TOTAL		197,316	100.0	5	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	84,884	43.0	3	60.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	54,793	27.8	3	60.0
FUEL BLENDING	M061	57,638	29.2	1	20.0
TOTAL		197,316	100.0	5	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 184,823 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 202,661 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 1,782

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 672,946 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	SITE NAME TYCO PRINTED CIRCUIT GROUP INC. LA DIVIS SOUTH BAY CIRCUITS, INC. #3 BKK LANDFILL NAVAL STATION SAN DIEGO PHIBRO-TECH, INC. ROMIC ENVIRONMENTAL TECHNOLOGIES, INC. K & L ANODIZING CORP. QUEMETCO INC. E. I. DU PONT DE NEMOURS & CO ENSCO WEST, INC. LAIDLAW ENVIRONMENTAL SERV. (SAN JOSE) GNB TECHNOLOGIES, INC. LOS ANGELES COUNTY/USC MED, CENTER GRAPHIC RESEARCH, INC. VACCO INDUSTRIES TAMCO HADCO SANTA CLARA, INC. U.S. FILTER RECOVERY SERVICES(CA), INC. GENERAL DYNAMICS/ CONV AIR DIV. THE DOW CHEMICAL CO, TORRANCE FACILITY FAIRCHILD SCREWCORP RHO CHEM CORPORATION NAVAL AIR STATION, NORTH ISLAND CSO MARE ISLAND WESTAK TOSCO REFINING COMPANY SANTA MARIA FACIL DELPHI DIVISION, GENERAL MOTORS TEXACO REFINING & MARKETING INC., LOS AN D/K ENVIRONMENTAL UNITED AIRLINES MAINT OPS CTR IMATION CORP AEROJET SACRAMENTO OPERATIONS MODESTO ENERGY LIMITED PARTNERSHIP THE DOW CHEMICAL COMPANY PITTSBURG, CA MC CURDY CIRCUITS, INC. GOLDEN GATE BRIDGE SAFETY-KLEEN CORP. HITEK PRODUCT FINISHING INC. TOPPAN WEST, INC. SIGGAN CONTAINERS CORPORATION JOHNSON CONTROLS BATTERY UNILAB CORPORATION SAFETY-KLEEN CORP - SACRAMENTO, CA ALPHA THERAPEUTIC CORPORATION MCDONNELL DOUGLAS AEROSPACE NAVY TRANSITION OFFICE - ALAMEDA POINT VAN WATERS & ROGERS - SAN JOSE MOBIL OIL CORP TORRANCE REFINERY DEMENNO/KERDON NEW UNITED MOTOR MANUFACTURING, INC.	CITY	TOTAL GENERATED (TONS)
1 0700000000	TYGO DRIVED GIRGIITE GROUD ING IA DIVIG	TNGI EMOOD	67 701
2 CAD008292005	COURT DAY CIDCUITE THE #2	CAN TOCK	6F 010
2 CAD963001300	DVV IANDETII	MECH CONTINA	64 260
4 CA6170024200	MANAI CTATION CAN DIECO	WEST COVINA	61 560
4 CA01/0024269	NAVAL STATION SAN DIEGO	SAN DIEGO	01,509
6 CADOO 4660 25	PHIBRO-IECH, INC.	FACT DAID AITO	39,609 24 271
7 CADOO9432037	K C. I ANODIZING CODD	DIIDDANK	23 064
0 CAD006304394	N & L ANODIZING CORP.	CITY OF INDUCTRY	23,004
0 CAD000233900	QUEMETCO INC.	ANTIOCH	10 400
10 CADOUSISIO7I	E. I. DU PONI DE NEMOURS & CO	MILLOCH	11 570
11 CAD044429633	INDICO WEST, INC.	WILMINGION	11,373
12 CAD033434310	CND TECHNOLOGIES INC	IOG ANGELEG	11 100
13 CAD097034341	I.O. ANGELES COUNTY/USC MED CENTER	IOS ANGELES	9 380
14 CAD009019027	CPADHIC PEGEARCH INC	CHATSWORTH	9 133
15 CADOO9000232	WACCO INDICADITE	CHAISWORTH	9,133
16 CAD982361404	TAMCO	RANCHO CUCAMONGA	8 609
17 CAD982520421	HADCO SANTA CLARA INC	SANTA CLARA	7 810
18 CAD097030993	II S FILTER RECOVERY SERVICES (CA) INC	LOS ANGELES	7 365
19 CAD041512427	GENERAL DYNAMICS/ CONV AIR DIV	SAN DIEGO	7 164
20 CAD009547050	THE DOW CHEMICAL CO TORRANCE FACILITY	TORRANCE	6 264
21 CAD000093500	FAIRCHILD SCREWCORP	INDUSTRY	5.990
22 CAD008364432	RHO CHEM CORPORATION	INGLEWOOD	5.530
23 CA7170090016	NAVAL AIR STATION, NORTH ISLAND	SAN DIEGO	4.512
24 CA7170024775	CSO MARE ISLAND	VALLEJO	4.265
25 CAD059498428	WESTAK	SUNNYVALE	3.930
26 CAT080010796	TOSCO REFINING COMPANY SANTA MARIA FACIL	ARROYO GRANDE	3,335
27 CAD008323396	DELPHI DIVISION, GENERAL MOTORS	ANAHEIM	3,169
28 CAD041520644	TEXACO REFINING & MARKETING INC., LOS AN	WILMINGTON	3,098
29 CAT080033681	D/K ENVIRONMENTAL	VERNON	3,057
30 CAD041319294	UNITED AIRLINES MAINT OPS CTR	SAN FRANCISCO	3,031
31 CAD080079601	IMATION CORP	CAMARILLO	2,452
32 CAD000030494	AEROJET SACRAMENTO OPERATIONS	RANCHO CORDOVA	2,379
33 CAD982029969	MODESTO ENERGY LIMITED PARTNERSHIP	WESTLEY	2,369
34 CAD076528678	THE DOW CHEMICAL COMPANY PITTSBURG, CA	PITTSBURG	2,198
35 CAD046055893	MC CURDY CIRCUITS, INC.	ORANGE	1,938
36 CAD982023988	GOLDEN GATE BRIDGE	SAN FRANCISCO	1,927
37 CAD093459485	SAFETY-KLEEN CORP.	REEDLEY	1,906
38 CAD982415630	HITEK PRODUCT FINISHING INC.	SAN JOSE	1,791
39 CAD982412165	TOPPAN WEST, INC.	SAN DIEGO	1,765
40 CAD066106097	SILGAN CONTAINERS CORPORATION	RIVERBANK	1,611
41 CAD008323388	JOHNSON CONTROLS BATTERY	FULLERTON	1,574
42 CAD062063375	UNILAB CORPORATION	TARZANA	1,494
43 CA0000084517	SAFETY-KLEEN CORP - SACRAMENTO, CA	SACRAMENTO	1,473
44 CAD092694538	ALPHA THERAPEUTIC CORPORATION	LOS ANGELES	1,337
45 CAD008384588	MCDONNELL DOUGLAS AEROSPACE	HUNTINGTON BEACH	1,311
46 CA2170023236	NAVY TRANSITION OFFICE - ALAMEDA POINT	ALAMEDA	1,263
47 CAD010925576	VAN WATERS & ROGERS - SAN JOSE	SAN JOSE	1,120
48 CAD008354052	MUBIL OIL CORP TORRANCE REFINERY	TORRANCE	1,116
49 CAT080013352	DEMENNO/KERDOON	COMPTON	1,085
50 CAD000051433	NEW UNITED MOTOR MANUFACTURING, INC.	FREMONT	1,081
TOTAL			560,000

560,098

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY CHARACTERISTIC CODES	TONS OF WASTE GENERATED	WASTE HAS ONLY	TONS OF WASTE GENERATED	WASTE HAS BOTH CHARACTERISTIC AND LISTED CODES	TONS OF WASTE GENERATED
ONLY IGNITABLE ONLY CORROSIVE ONLY REACTIVE	11,479 91,003 503	ONLY AN F CODE ONLY A K CODE ONLY A P CODE	197,116 9,404 102		
ONLY D004-17 ONLY D018-43 HAS MORE THAN ONE	94,003 65,169	ONLY A U CODE HAS MORE THAN ONE	1,615		
CHARACTERISTIC CODE TOTAL	141,825 403,981	LISTED CODE TOTAL	1,256 209,493	BOTH CHARACTERISTIC & LISTED	59,329

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	51,220			IGN. W/ AT LEAST 1 LSTD	33,951
HAS CORROSIVE CODE	93,859			CORR. W/ AT LEAST 1 LSTD	5,300
HAS REACTIVE CODE	1,145			REACT. W/ AT LEAST 1 LSTD	511
HAS D004-D017 CODE	130,192			D004-17 W/ AT LEAST 1 LSTD	27,570
HAS D018-D043 CODE	28,279			D018-43 W/ AT LEAST 1 LSTD	18,913
		HAS AN F CODE	234	F WASTE W/ AT LEAST 1 CHAR	55,175
		HAS A K CODE	92	K WASTE W/ AT LEAST 1 CHAR	1,380
		HAS A P CODE	1,028	P WASTE W/ AT LEAST 1 CHAR	1,345
		HAS A U CODE	1,158	U WASTE W/ AT LEAST 1 CHAR	3,497
TOTAL	141,825	TOTAL	1,256	TOTAL	59,329

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

TONS OF WASTE

1,160,627

CALIFORNIA

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 250

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 1,160,627 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	ROMIC ENVIRONMENTAL TECHNOLOGIES, INC. QUEMETCO INC. CHEMICAL WASTE MANAGEMENT, INC. BKK LANDFILL PHIBRO-TECH, INC. LAIDLAW ENVIRONMENTAL SERVICES (IMPERIAL SAFETY-KLEEN CORP. D/K ENVIRONMENTAL NATIONAL CEMENT CO. CHEMICAL WASTE MANAGEMENT - AZUSA LAIDLAW ENVIRONMENTAL SERVICE (LOKERN), PACIFIC RESOURCE RECOVERY RHO CHEM CORPORATION ENSCO WEST, INC. DEMENNO/KERDOON KINSBURSKY BROTHERS SUPPLY INC. PHIBRO-TECH, INC. THE DOW CHEMICAL COMPANY PITTSBURG, CA KAISER FOUNDATION HOSPITALS AMERICAN RECOVERY, INC CHEVRON PRODUCTS COMPANY ENGELHARD WEST, INC. CHEVRON CHEMICAL CO. GNB TECHNOLOGIES, INC. LAIDLAW ENVIRONMENTAL SERV. (SAN JOSE) METECH INTERNATIONAL, INC. LAIDLAW ENVIRONMENTAL SERV. (SAN JOSE) METECH INTERNATIONAL, INC. LAIDLAW ENVIRONMENTAL SIRV. (SAN JOSE) METECH INTERNATIONAL DIRECTOR SIGMA MEDICAL IMAGING, INC. UNOCAL CORPORATION SAN FRANCISCO REFINER SPEC-ELECTROPLATING	CITY	TONS OF WASTE MANAGED
1	CAD009452657	ROMIC ENVIRONMENTAL TECHNOLOGIES, INC.	EAST PALO ALTO	701,508
2	CAD066233966	QUEMETCO INC.	CITY OF INDUSTRY	154,752
3	CAT000646117	CHEMICAL WASTE MANAGEMENT, INC.	KETTLEMAN CITY	78,816
4	CAD067786749	BKK LANDFILL	WEST COVINA	64,022
5	CAD008488025	PHIBRO-TECH, INC.	SANTA FE SPRINGS	35,785
6	CAD000633164	LAIDLAW ENVIRONMENTAL SERVICES (IMPERIAL	WESTMORLAND	23,955
7	CAD093459485	SAFETY-KLEEN CORP.	REEDLEY	21,496
8	CAT080033681	D/K ENVIRONMENTAL	VERNON	17,175
9	CAD982444887	NATIONAL CEMENT CO.	LEBEC	16,021
10	CAD008302903	CHEMICAL WASTE MANAGEMENT - AZUSA	AZUSA	9,749
11	CAD980675276	LAIDLAW ENVIRONMENTAL SERVICE (LOKERN),	BUTTONWILLOW	9,466
12	CAD008252405	PACIFIC RESOURCE RECOVERY	LOS ANGELES	9,176
13	CAD008364432	RHO CHEM CORPORATION	INGLEWOOD	5,525
14	CAD044429835	ENSCO WEST, INC.	WILMINGTON	3,483
15	CAT080013352	DEMENNO/KERDOON	COMPTON	3,268
16	CAD088504881	KINSBURSKY BROTHERS SUPPLY INC.	ANAHEIM	1,862
17	CAD981160948	PHIBRO-TECH, INC.	UNION CITY	1,194
18	CAD076528678	THE DOW CHEMICAL COMPANY PITTSBURG, CA	PITTSBURG	1,047
19	CAD983600339	KAISER FOUNDATION HOSPITALS	BERKELEY	659
20	CAD089446710	AMERICAN RECOVERY, INC	ALHAMBRA	416
21	CAD009114919	CHEVRON PRODUCTS COMPANY	RICHMOND	339
22	CAT000612150	ENGELHARD WEST, INC.	ANAHEIM	150
23	CADU43237486	CHEVRON CHEMICAL CO.	RICHMOND	142
24	CAD09/854541	GNB TECHNOLOGIES, INC.	LOS ANGELES	127
25	CAD059494310	METERNIA TATERNATIONAL TAR	SAN JUSE	89
27	CAD077102293	TATOTAW PMW CERMITCER (ICC ANGELES) THE	TOC ANCELEC	61
20	CAD030000030	DETERM CORDORATION	TOG ANGELES	61
20	CAD020101042	TT CODDODATION DANGCUE FACILITY	DENTCIA	45
30	CAD000000012	ASHLAND CHEMICAL CO	COMMERCE	42
31	CA7170090016	NAVAL AIR STATION, NORTH ISLAND	SAN DIEGO	35
32	CA6170024289	NAVAL STATION SAN DIEGO	SAN DIEGO	34
33	CAD069124717	MICRO METALLICS CORPORATION	SAN JOSE	33
34	CAD982041980	SIGMA MEDICAL IMAGING, INC.	FRESNO	4
35	CAD009108705	UNOCAL CORPORATION SAN FRANCISCO REFINER	RODEO	4
36	CAD982316523	SPEC-ELECTROPLATING	SAN RAFAEL	2
37	CAD982523102	PHOTOTEK	SAN JOSE	2
38	CAD982521460	IT CORPORATION VINE HILL COMPLEX	MARTINEZ	2
39	CA9800013030	JET PROPULSION LABORATORY	PASADENA	2
40	CAD000633305	MAIN STREET CENTER	LOS ANGELES	1
41	CAD983591090	DAVIS X-RAY SERVICE & SUPPLIES, INC.	REDDING	0
42	CAD981450893	AMGEN, INC.	THOUSAND OAKS	0
43	CAD981689953	SPEC-ELECTROPLATING PHOTOTEK IT CORPORATION VINE HILL COMPLEX JET PROPULSION LABORATORY MAIN STREET CENTER DAVIS X-RAY SERVICE & SUPPLIES, INC. AMGEN, INC. CONTRA COSTA NEWSPAPERS	WALNUT CREEK	0
TOTAL				1 160 627

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	194,726	16.8	18	41.9
SOLVENTS RECOVERY	M021-M029	199,110	17.2	7	16.3
OTHER RECOVERY	M031-M039	6	.0	3	7.0
INCINERATION	M041-M049	3,834	.3	8	18.6
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	19,635	1.7	5	11.6
FUEL BLENDING	M061	544,919	47.0	7	16.3
SLUDGE TREATMENT	M101-M109	17,407	1.5	4	9.3
STABILIZATION	M111-M119	92,375	8.0	5	11.6
LANDFILL	M132	18,541	1.6	9	20.9
DEEPWELL / UNDERGROUND INJECTION	M134	0	.0	1	2.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	69,902	6.0	7	16.3
UNKNOWN SYSTEM DUE TO INVALID CODE	ER-IN-DEF	172	.0	3	7.0
TOTAL		1,160,627	100.0	43	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	544,919	47.0	7	16.3
SOLVENTS RECOVERY	M021-M029	199,110	17.2	7	16.3
METALS RECOVERY (FOR REUSE)	M011-M019	194,726	16.8	18	41.9
STABILIZATION	M111-M119	92,375	8.0	5	11.6
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	69,902	6.0	7	16.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	19,635	1.7	5	11.6
LANDFILL	M132	18,541	1.6	9	20.9
SLUDGE TREATMENT	M101-M109	17,407	1.5	4	9.3
INCINERATION	M041-M049	3,834	.3	8	18.6
UNKNOWN SYSTEM DUE TO INVALID CODE	ER-IN-DEF	172	.0	3	7.0
OTHER RECOVERY	M031-M039	6	.0	3	7.0
DEEPWELL / UNDERGROUND INJECTION	M134	0	.0	1	2.3
TOTAL		1,160,627	100.0	43	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	194,726	16.8	18	41.9
LANDFILL	M132	18,541	1.6	9	20.9
INCINERATION	M041-M049	3,834	.3	8	18.6
FUEL BLENDING	M061	544,919	47.0	7	16.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	69,902	6.0	7	16.3
SOLVENTS RECOVERY	M021-M029	199,110	17.2	7	16.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	19,635	1.7	5	11.6
STABILIZATION	M111-M119	92,375	8.0	5	11.6
SLUDGE TREATMENT	M101-M109	17,407	1.5	4	9.3
UNKNOWN SYSTEM DUE TO INVALID CODE	ER-IN-DEF	172	.0	3	7.0
OTHER RECOVERY	M031-M039	6	.0	3	7.0
DEEPWELL / UNDERGROUND INJECTION	M134	0	.0	1	2.3
TOTAL		1,160,627	100.0	43	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

CALIFORNIA

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 1,713

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 563,673 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME	CITY	SHIPPED (TONS)
		CHEMICAL MACRE MANAGEMENTS ACIDA	771107	00 712
7	CADUU0302903	CHEMICAL WASIE MANAGEMENI - AZUSA	AZUSA	90,712
2	CA61/UU24289	NAVAL STATION SAN DIEGO	SAN DIEGO	01,535
3	CAD9824/1088	HY-TECH PLATING INC.	SAN CARLOS	32,500
4	CAD009452657	ROMIC ENVIRONMENTAL TECHNOLOGIES, INC.	EAST PALO ALTO	25,599
5	CAD008304594	K & L ANODIZING CORP.	BURBANK	23,064
0	CADU66233966	QUEMETCO INC.	CITY OF INDUSTRY	22,214
/	CADU9/854541	GNB TECHNOLOGIES, INC.	LOS ANGELES	12,122
8	CAD044429835	ENSCO WEST, INC.	WILMINGTON	11,367
9	CAD059494310	LAIDLAW ENVIRONMENTAL SERV. (SAN JOSE)	SAN JOSE	11,106
10	CAD095615027	LOS ANGELES COUNTY/USC MED, CENTER	LOS ANGELES	9,380
11	CAD09/030993	U.S. FILTER RECOVERY SERVICES(CA), INC.	LOS ANGELES,	9,040
12	CAD050806850	LAIDLAW ENV. SERVICES (LOS ANGELES), INC	LOS ANGELES	8,364
13	CAD982361404	TAMCO	RANCHO CUCAMONGA	8,226
14	CAD008252405	PACIFIC RESOURCE RECOVERY	LOS ANGELES	7,577
15	CAD982520421	HADCO SANTA CLARA, INC.	SANTA CLARA	7,450
16	CATUUU646117	CHEMICAL WASTE MANAGEMENT, INC.	KETTLEMAN CITY	7,411
17	CAD041512427	GENERAL DYNAMICS/ CONV AIR DIV.	SAN DIEGO	7,164
18	CAD008364432	RHO CHEM CORPORATION	INGLEWOOD	5,532
19	CAT000613976	SAFETY-KLEEN CORP - SANTA ANA, CA	SANTA ANA	5,412
20	CA7170090016	NAVAL AIR STATION, NORTH ISLAND	SAN DIEGO	4,512
21	CA7170024775	CSO MARE ISLAND	VALLEJO	4,250
22	CAT000613893	SAFETY-KLEEN CORP - EL MONTE, CA	EL MONTE	4,147
23	CAD008488025	PHIBRO-TECH, INC.	SANTA FE SPRINGS	4,024
24	CAD000088252	STATEWIDE ENVIRONMENTAL SERVICES	LOS ANGELES	3,923
25	CA0000084517	SAFETY-KLEEN CORP - SACRAMENTO, CA	SACRAMENTO	3,639
26	CAT080010796	TOSCO REFINING COMPANY SANTA MARIA FACIL	ARROYO GRANDE	3,335
27	CAD008323396	DELPHI DIVISION, GENERAL MOTORS	ANAHEIM	3,169
28	CAD041520644	TEXACO REFINING & MARKETING INC., LOS AN	WILMINGTON	3,098
29	CAT080033681	D/K ENVIRONMENTAL	VERNON	2,933
30	CAD041319294	UNITED AIRLINES MAINT OPS CTR	SAN FRANCISCO	2,837
31	CAD000030494	AEROJET SACRAMENTO OPERATIONS	RANCHO CORDOVA	2,3/1
32	CAD982029969	MODESTO ENERGY LIMITED PARTNERSHIP	WESTLEY	2,369
33	CAD053044053	SAFETY-KLEEN CORP - OAKLAND, CA	OAKLAND	2,294
34	CAD046055893	MC CURDY CIRCUITS, INC.	ORANGE	1,938
35	CAD982023988	GOLDEN GATE BRIDGE	SAN FRANCISCO	1,927
36	CAD093459485	SAFETY-KLEEN CORP.	REEDLEY	1,906
37	CAD008262602	SPECTROLAB	SYLMAR	1,822
38	CAD982412165	TOPPAN WEST, INC.	SAN DIEGO	1,765
39	CAT000613927	SAFETY-KLEEN CORP - HIGHLAND, CA	HIGHLAND	1,714
40	CAD066106097	SILGAN CONTAINERS CORPORATION	RIVERBANK	1,611
41	CAD008323388	JOHNSON CONTROLS BATTERY	FULLERTON	1,574
42	CAD062063375	UNILAB CORPORATION	TARZANA	1,489
43	CAD092694538	ALPHA THERAPEUTIC CORPORATION	LOS ANGELES	1,337
44	CAD008384588	MCDONNELL DOUGLAS AEROSPACE	HUNTINGTON BEACH	1,311
45	CA2170023236	NAVY TRANSITION OFFICE - ALAMEDA POINT	ALAMEDA	1,263
46	CAUUUIUI9694	HUNTERS POINT SHIPYARD, SAN FRANCISCO CA	SAN FRANCISCO	1,243
47	CATUUU613935	SAFETY-KLEEN CORP - LOS ANGELES, CA	LOS ANGELES	1,230
48	CAD981412356	PACIFIC TREATMENT ENVIRON. SERVICES, INC	EL CAJON	1,223
49	CAT000613943	SAFETY-KLEEN CORP - ROHNERT PARK, CA	ROHNERT PARK	1,178
50	CADU66113465	SAFETY-KLEEN CORP - FRESNO, CA	FRESNO	1,168
TOTAL		CHEMICAL WASTE MANAGEMENT - AZUSA NAVAL STATION SAN DIEGO HY-TECH PLATING INC. ROMIC ENVIRONMENTAL TECHNOLOGIES, INC. K & L ANODIZING CORP. QUEMETCO INC. GNB TECHNOLOGIES, INC. ENSCO WEST, INC. LAIDLAW ENVIRONMENTAL SERV. (SAN JOSE) LOS ANGELES COUNTY/USC MED, CENTER U.S. FILTER RECOVERY SERVICES(CA), INC. LAIDLAW ENV. SERVICES (LOS ANGELES), INC TAMCO PACIFIC RESOURCE RECOVERY HADCO SANTA CLARA, INC. CHEMICAL WASTE MANAGEMENT, INC. GENERAL DYNAMICS/ CONV AIR DIV. RHO CHEM CORPORATION SAFETY-KLEEN CORP - SANTA ANA, CA NAVAL AIR STATION, NORTH ISLAND CSO MARE ISLAND SAFETY-KLEEN CORP - EL MONTE, CA PHIBRO-TECH, INC. STATEWIDE ENVIRONMENTAL SERVICES SAFETY-KLEEN CORP - SACRAMENTO, CA TOSCO REFINING COMPANY SANTA MARIA FACIL DELPHI DIVISION, GENERAL MOTORS TEXACO REFINING COMPANY SANTA MARIA FACIL DELPHI DIVISION, GENERAL MOTORS TEXACO REFINING COMPANY SANTA MARIA FACIL DELPHI DIVISION, GENERAL MOTORS TEXACO REFINING COMPANY SANTA MARIA FACIL UNITED AIRLINES MAINT OPS CTR AEROJET SACRAMENTO OPERATIONS MODESTO ENERGY LIMITED PARTHERSHIP SAFETY-KLEEN CORP - OAKLAND, CA MC CURDY CIRCUITS, INC. GOLDEN GATE BRIDGE SAFETY-KLEEN CORP - HIGHLAND, CA SILGAN CONTAINERS CORPORATION JOHNSON CONTROLS BATTERY UNILAB CORPORATION ALPHA THERAPEUTIC CORPORATION MCDONNELL DOUGLAS AEROSPACE NAVY TRANSITION OFFICE - ALAMEDA POINT HUNTERS POINT SHIPYARD, SAN FRANCISCO CA SAFETY-KLEEN CORP - LOS ANGELES, CA PACIFIC TREATMENT ENVIRON. SERVICES, INC SAFETY-KLEEN CORP - LOS ANGELES, CA PACIFIC TREATMENT ENVIRON. SERVICES, INC SAFETY-KLEEN CORP - ROHNERT PARK, CA SAFETY-KLEEN CORP - FRESNO, CA		446 255

446,377

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

QUANTITY

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 50

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 1,535,991 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

RANK	EPA ID	ROMIC ENVIRONMENTAL TECHNOLOGIES, INC. QUEMETCO INC. CHEMICAL WASTE MANAGEMENT, INC. LAIDLAW ENVIRONMENTAL SERVICES (IMPERIAL SAFETY-KLEEN CORP. D/K ENVIRONMENTAL NATIONAL CEMENT CO. CHEMICAL WASTE MANAGEMENT - AZUSA LAIDLAW ENVIRONMENTAL SERVICE (LOKERN), PACIFIC RESOURCE RECOVERY LAIDLAW ENV. SERVICES (LOS ANGELES), INC ADVANCED ENVIRONMENTAL TECHNICAL SERVICE RHO CHEM CORPORATION SAFETY-KLEEN CORP - SANTA ANA, CA SAFETY-KLEEN CORP - EL MONTE, CA ENSCO WEST, INC. DEMENNO/KERDOON SAFETY-KLEEN CORP - SACRAMENTO, CA LAIDLAW ENVIRONMENTAL SERV. (SAN JOSE) SAFETY-KLEEN CORP - OAKLAND, CA KINSBURSKY BROTHERS SUPPLY INC. SAFETY-KLEEN CORP - HIGHLAND, CA PHIBRO-TECH, INC. SAFETY-KLEEN CORP - ROHNERT PARK, CA SAFETY-KLEEN CORP - ROHNERT PARK, CA SAFETY-KLEEN CORP - LOS ANGELES, CA KAISER FOUNDATION HOSPITALS SAFETY-KLEEN CORP - SALIDA, CA AMERICAN RECOVERY, INC CROSBY & OVERTON, INC. ENGELHARD WEST, INC. PHIBRO-TECH, INC. NAVAL AIR STATION, NORTH ISLAND METECH INTERNATIONAL, INC. NAVAL STATION SAN DIEGO DETREX CORPORATION RAYTHEON SYSTEMS COMPANY, SENSORS AND EL BROCO ENVIRONMENTAL, INC. MAYAL STATION SAN DIEGO DETREX CORPORATION HUGHES SPACE AND COMMUNICATIONS COMPANY LAWRENCE LIVERMORE NATIONAL LABORATORY M SDG&E - MIRAMAR SOUTHERN CALIFORNIA GAS COMPANY PICO RIV SIGMA MEDICAL IMAGING, INC. IBM CORPORATION	CITY	RECEIVED (TONS)
		DOMEST ENVIRONMENTAL REQUINOLOGIES INC		1 142 020
7	CAD009432037	OUR METER THE	CTTV OF INDICTRY	1,143,030
2	CAD000233300	CUPMICAL WASTE MANACEMENT INC	CITI OF INDUSTRE	79 722
1	CAT000040117	TATHIAW PRITTONIMPRITAL CERTITORS (IMPERTAL	MEGUMODI AND	70,722
	CVD0000033104	CYELLA-KIELM CODD	MESTROKLAND	21 544
6	CAD093439403	D/K ENVIRONMENTAL	VERNON	17 037
7	CAD982444887	NATIONAL CEMENT CO	LEBEC	16 021
,	CAD008302903	CHEMICAL WASTE MANAGEMENT - AZUSA	AZUSA	12 249
9	CAD980675276	I.ATDIAW ENVIRONMENTAL SERVICE (LOKERN)	RITTONWILLOW	9 466
10	CAD008252405	PACIFIC RESOURCE RECOVERY	LOS ANGELES	8 133
11	CAD050806850	LAIDLAW ENV. SERVICES (LOS ANGELES), INC.	LOS ANGELES	7.277
12	CAT080014079	ADVANCED ENVIRONMENTAL TECHNICAL SERVICE	RICHMOND	5,610
13	CAD008364432	RHO CHEM CORPORATION	INGLEWOOD	5,525
14	CAT000613976	SAFETY-KLEEN CORP - SANTA ANA, CA	SANTA ANA	4,162
15	CAT000613893	SAFETY-KLEEN CORP - EL MONTE, CA	EL MONTE	4,000
16	CAD044429835	ENSCO WEST, INC.	WILMINGTON	3,492
17	CAT080013352	DEMENNO/KERDOON	COMPTON	3,268
18	CA0000084517	SAFETY-KLEEN CORP - SACRAMENTO, CA	SACRAMENTO	2,383
19	CAD059494310	LAIDLAW ENVIRONMENTAL SERV. (SAN JOSE)	SAN JOSE	2,217
20	CAD053044053	SAFETY-KLEEN CORP - OAKLAND, CA	OAKLAND	2,046
21	CAD088504881	KINSBURSKY BROTHERS SUPPLY INC.	ANAHEIM	2,035
22	CAT000613927	SAFETY-KLEEN CORP - HIGHLAND, CA	HIGHLAND	1,468
23	CAD981160948	PHIBRO-TECH, INC.	UNION CITY	1,194
24	CAT000613943	SAFETY-KLEEN CORP - ROHNERT PARK, CA	ROHNERT PARK	1,078
25	CAD066113465	SAFETY-KLEEN CORP - FRESNO, CA	FRESNO	1,052
26	CAT000613935	SAFETY-KLEEN CORP - LOS ANGELES, CA	LOS ANGELES	983
27	CAD983600339	KAISER FOUNDATION HOSPITALS	BERKELEY	659
28	CAT000613968	SAFETY-KLEEN CORP - SALIDA, CA	SALIDA	568
29	CAD089446710	AMERICAN RECOVERY, INC	ALHAMBRA	416
30	CAD028409019	CROSBY & OVERTON, INC.	LONG BEACH	157
31	CAT000612150	ENGELHARD WEST, INC.	ANAHEIM	150
32	CAD097854541	GNB TECHNOLOGIES, INC.	LOS ANGELES	127
33	CAD008488025	PHIBRO-TECH, INC.	SANTA FE SPRINGS	90
34	CA7170090016	NAVAL AIR STATION, NORTH ISLAND	SAN DIEGO	81
35	CAD077182293	METECH INTERNATIONAL, INC.	GILROY	77
30	CA0170024209	NAVAL STATION SAN DIEGO	SAN DIEGO	61
20	CAD0000633330	DAYPHEON CYCTEMS COMPANY CENSORS AND EL	EL CECIMIDO	30
20	CAD000033230	DDOCO ENTIDONMENTAL INC	EL SEGUNDO	39
40	CATUOUUZZI40	MICOO METALLICO CODDODATION	CAN TOCK	30
41	CAD009124717	HUGHES SPACE AND COMMUNICATIONS COMPANY	EL SECUNDO	13
42	CA2890012584	I.AWRENCE I.IVERMORE NATIONAL LABORATORY M	T.TVERMORE	12
43	CAD981168107	SDG&E - MIRAMAR	SAN DIEGO	10
44	CAT000625137	SOUTHERN CALIFORNIA GAS COMPANY PICO RIV	PICO RIVERA	9
45	CAD982041980	SIGMA MEDICAL IMAGING, INC.	FRESNO	4
46	CAD990843989	IBM CORPORATION	SAN JOSE	3
47	CAD000633305	MAIN STREET CENTER	LOS ANGELES	1
48	CA4890008986	LAWRENCE BERKELEY NATIONAL LABORATORY	BERKELEY	0
49	CAT080010101	APPROPRIATE TECHNOLOGIES II, INC.	CHULA VISTA	0
50	CAD983591090	SIGMA MEDICAL IMAGING, INC. IBM CORPORATION MAIN STREET CENTER LAWRENCE BERKELEY NATIONAL LABORATORY APPROPRIATE TECHNOLOGIES II, INC. DAVIS X-RAY SERVICE & SUPPLIES, INC.	REDDING	0

TOTAL 1,535,991

NOTE:

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	OUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	158,819	15.4	14	50.0
SOLVENTS RECOVERY	M021-M029	197,042	19.1	7	25.0
OTHER RECOVERY	M031-M039	0	.0	1	3.6
INCINERATION	M041-M049	2,603	.3	5	17.9
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	19,635	1.9	5	17.9
FUEL BLENDING	M061	520,689	50.4	7	25.0
SLUDGE TREATMENT	M101-M109	17,025	1.6	1	3.6
STABILIZATION	M111-M119	92,281	8.9	5	17.9
LANDFILL	M132	18,494	1.8	7	25.0
DEEPWELL / UNDERGROUND INJECTION	M134	0	.0	1	3.6
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	5,880	.6	6	21.4
TOTAL		1,032,468	100.0	28	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
FUEL BLENDING	M061	520,689	50.4	7	25.0
SOLVENTS RECOVERY	M021-M029	197,042	19.1	7	25.0
METALS RECOVERY (FOR REUSE)	M011-M019	158,819	15.4	14	50.0
STABILIZATION	M111-M119	92,281	8.9	5	17.9
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	19,635	1.9	5	17.9
LANDFILL	M132	18,494	1.8	7	25.0
SLUDGE TREATMENT	M101-M109	17,025	1.6	1	3.6
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	5,880	.6	6	21.4
INCINERATION	M041-M049	2,603	.3	5	17.9
DEEPWELL / UNDERGROUND INJECTION	M134	0	.0	1	3.6
OTHER RECOVERY	M031-M039	0	.0	1	3.6
TOTAL		1,032,468	100.0	28	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFF SITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	158,819	15.4	14	50.0
FUEL BLENDING	M061	520,689	50.4	7	25.0
LANDFILL	M132	18,494	1.8	7	25.0
SOLVENTS RECOVERY	M021-M029	197,042	19.1	7	25.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	5,880	.6	6	21.4
INCINERATION	M041-M049	2,603	.3	5	17.9
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	19,635	1.9	5	17.9
STABILIZATION	M111-M119	92,281	8.9	5	17.9
DEEPWELL / UNDERGROUND INJECTION	M134	0	.0	1	3.6
OTHER RECOVERY	M031-M039	0	.0	1	3.6
SLUDGE TREATMENT	M101-M109	17,025	1.6	1	3.6
TOTAL		1,032,468	100.0	28	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 270,167 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 207,119 TONS

79,763

COLORADO

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 163

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 82,021 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

•	RANK :	EPA ID		CITY PUEBLO	TOTAL GENERATED (TONS)
			PUEBLO CHEMICAL DEPOT (PCD)		20,153
	2	GOD 0 0 0 0 0 0 7 1	PUEBLO CHEMICAL DEPOI (PCD)	PUEBLO GRAND JUNCTION PUEBLO BOULDER, BOULDER BOULDER DEER TRAIL LOVELAND LEADVILLE	20,153
	2	CORUUUUU2U/1	RIVER ROAD DIKE GJ-43895-CC ROCKY MOUNTAIN STEEL MILLS	GRAND JUNCTION	19,092
	3 1	COD007057961	ROCKY MOUNTAIN STEEL MILLS	POTH DED	16,678
	4	CODU /64 /0525	SYNTEX CHEMICALS, INC. DIETERICH STANDARD NEXSTAR PHARMACEUTICALS INC.	BOULDER,	6,026
	5	COD005548037	DIETERICH STANDARD	BOULDER	2,232 2,187
	7	COD963794132	LAIDLAW ENV SERVICES(DEER TRAIL) INC.	DEED TRAIT	2,107
			MERIX CORPORATION - LOVELAND OPERATION	DEER IRALL	1,284
			ASARCO INC YAK TUNNEL WTP	LOVELAND	1,221
			NTI-DIVISION OF COLO SPRINGS CIRCU		967 809
			UNOCAL PARACHUTE CREEK SHALE OIL PR	COLORADO SPRINGS PARACHUTE	780
		COD980718902 COD054929989	COORS BREWING COMPANY	GOLDEN	598
		COD034929969 COD000694869		MEAD	523
				WINDSOR	442
	15	COD0 76341636	NODAR COLORADO DIVISION	BOULDER	386
	16	COD963777541	DOCKY MOINTAIN ADDENIAL	COMMERCE CITY	381
	17	COD210020709	CUPMICAL C. METAL INDICTRIES	DENVER	377
	1Ω	COD070302037	KODAK COLORADO DIVISION HAUSER, INC. ROCKY MOUNTAIN ARSENAL CHEMICAL & METAL INDUSTRIES LOCKHEED MARTIN ASTRONAUTICS	T TOOT DOON	377
	10	COD001704790	OF INC	TITLETON	361
	20	COD003127279	ATMEL CODDODATION	COLODADO CDDINCC	302
	21	COD061474710	SAF CIPCUITES COLORADO INC	BOILDER	284
	22	COD050130773	LOCKHEED MARTIN ASTRONAUTICS OEA, INC. ATMEL CORPORATION SAE CIRCUITS COLORADO, INC. COLORADO STATE UNIVERSITE (STORAGE)	FT COLLING	259
					244
	24	COD007003250	NORTH AMERICAN GALVANIZING CO - DENVER SYMBIOS, INC. STEVE'S AMOCO GJ-05450-CS KOPPERS (BEAZER FAST INC)	COLORADO SPRINGS	237
	25	COP000007035	STEVE'S AMOCO GI-05450-CS	GRAND JUNCTION	231
	26	COD007077175	KOPPERS (BEAZER EAST INC)	DENVER	226
			CAMEO POWER PLANT GJ-15609-CS	PALISADE	220
	28	COD000109975	COLORADO REFINING COMPANY	COMMERCE CITY	214
	29	COD983775123	LEXMARK INTERNATIONAL INC	LONGMONT	200
	30	COD060627189	CONOCO INC	COMMERCE CITY	197
			COLORADO DEPARTMENT OF TRANSPORTATION	DENVER	185
			NAPRO BIOTHERAPEUTICS INC	BOULDER	176
			CLEAN HARBORS ENVIRONMENTAL SERVICES INC		175
			ROCKY FLATS PLANT - US DOE	GOLDEN	166
	35	COD007073901	LINCOLN PLATING COMPANY	DENVER	144
	36	CO9570025644	BUCKLEY AIR NATIONAL GUARD BASE	BUCKLEY ANGB	122
	37	COD983802877	COORS CERAMICS CO	GOLDEN	121
	38	COD007060999	POWER ENGINEERING COMPANY CENTER LINE CIRCUITS INC	DENVER	113
	39	COD007091879	CENTER LINE CIRCUITS INC	LONGMONT	107
				LONGMONT	106
	41	COD000818179	COORS CERAMICS ELECTRONICS DIV	GOLDEN	102
	42	COD981547797	MASTERCRAFT CABINETS, INC.	AURORA	99
	43	COD007058167	SAMSONITE CORPORATION	DENVER	95
	44	COD007092513	WESTERN FORGE	COLORADO SPRINGS	89
	45	COD982581837	RICON RESINS INC	GRAND JUNCTION	86
	46	COD070385620	HAUSER, INC. COORS CERAMICS ELECTRONICS DIV MASTERCRAFT CABINETS, INC. SAMSONITE CORPORATION WESTERN FORGE RICON RESINS INC AAA PLATING, INC. DRESSER OIL TOOLS (AXELSON) NEOPLAN USA CORP	DENVER	85
	47	COD980635841	DRESSER OIL TOOLS (AXELSON)	COLORADO SPRINGS	82
	48	COD039146931	NEOPLAN USA CORP	LAMAR	76
			COZINCO, INC.	SALIDA	74
	50	COD981549413	SAS CIRCUITS INC	LITTLETON	72
	TOTAL				E0 E63

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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 ONLY CORROSIVE	274 580	ONLY AN F CODE ONLY A K CODE	5,875 16,684		
ONLY REACTIVE	315	ONLY A P CODE	1		
ONLY D004-17	23,038	ONLY A U CODE	18		
ONLY D018-43	20,156				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	3,121	LISTED CODE	30		
TOTAL	47,484	TOTAL	22,608	BOTH CHARACTERISTIC & LISTED	11,893

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	278			IGN. W/ AT LEAST 1 LSTD	10,827
HAS CORROSIVE CODE	2,674			CORR. W/ AT LEAST 1 LSTD	243
HAS REACTIVE CODE	18			REACT. W/ AT LEAST 1 LSTD	114
HAS D004-D017 CODE	2,927			D004-17 W/ AT LEAST 1 LSTD	1,314
HAS D018-D043 CODE	541			D018-43 W/ AT LEAST 1 LSTD	3,059
		HAS AN F CODE	5	F WASTE W/ AT LEAST 1 CHAR	11,826
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	161
		HAS A P CODE	25	P WASTE W/ AT LEAST 1 CHAR	36
		HAS A U CODE	30	U WASTE W/ AT LEAST 1 CHAR	2,740
TOTAL	3,121	TOTAL	30	TOTAL	11,893

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 22

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 37,658 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK EPA ID SITE NAME CITY MANAGED

1 COD991300484 LAIDLAW ENV SERVICES(DEER TRAIL) INC. DEER TRAIL 37,657

2 CO7890010526 ROCKY FLATS PLANT - US DOE GOLDEN 1

TOTAL

37,658

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION	M111-M119	25,406	67.5	2	100.0
LANDFILL OTHER DISPOSAL SPECIFIED IN COMMENTS	M132 M137	12,247 5	32.5	1	50.0 50.0
TOTAL		37,658	100.0	2	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION LANDFILL OTHER DISPOSAL SPECIFIED IN COMMENTS	M111-M119 M132 M137	25,406 12,247 5	67.5 32.5 .0	2 1 1	100.0 50.0 50.0
TOTAL		37,658	100.0	2	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION	M111-M119	25,406	67.5	2	100.0
LANDFILL	M132	12,247	32.5	1	50.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	5	.0	1	50.0
TOTAL		37,658	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

51,198

COLORADO

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 153

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 53,370 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	ROCKY MOUNTAIN STEEL MILLS CHEMICAL WASTE MANAGEMENT, INC SYNTEX CHEMICALS, INC. DIETERICH STANDARD NEXSTAR PHARMACEUTICALS INC. SAFETY-KLEEN CORP MERIX CORPORATION - LOVELAND OPERATION LAIDLAW ENV SERVICES (DEER TRAIL) INC. ASARCO INC YAK TUNNEL WTP UNOCAL PARACHUTE CREEK SHALE OIL PR NTI-DIVISION OF COLO SPRINGS CIRCU COORS BREWING COMPANY BOULDER SCIENTIFIC COMPANY SAFETY-KLEEN CORP KODAK COLORADO DIVISION HAUSER, INC. ROCKY MOUNTAIN ARSENAL CHEMICAL & METAL INDUSTRIES OEA, INC. LOCKHEED MARTIN ASTRONAUTICS ATMEL CORPORATION SAE CIRCUITS COLORADO, INC. COLORADO STATE UNIVERSITE (STORAGE) SAFETY-KLEEN CORP NORTH AMERICAN GALVANIZING CO - DENVER SYMBIOS, INC. KOPPERS (BEAZER EAST INC) COLORADO REFINING COMPANY CONOCO INC. LEXMARK INTERNATIONAL INC COLORADO DEPARTMENT OF TRANSPORTATION NAPRO BIOTHERAPEUTICS INC CLEAN HARBORS ENVIRONMENTAL SERVICES INC PUEBLO CHEMICAL DEPOT (PCD)	CITY	SHIPPED (TONS)
	 COD0070E7061	DOGLY MOINEATH CHEET MILLS		16 601
7	COD007037901	CHEMICAL WACEE MANAGEMENTS INC	HENDERCON	10,081
2	000076470525	CHEMICAL WASIE MANAGEMENI, INC	HENDERSON DOLL DED	9,023
3	COD0 / 64 / 0525	SINIEA CHEMICALS, INC.	BOULDER,	0,020
4	COD005546037	DIEIERICH SIANDARD	BOULDER	2,232
5	COD983/94132	NEXSTAR PHARMACEUTICALS INC.	BUULDER ENGLEWOOD	2,18/
7	COD000716621	MEDIA CORDODATION LOVELAND ODERATION	ENGLEWOOD	1,3/2
,	CORUUUUU2816	MERIA CORPORATION - LOVELAND OPERATION	LOVELAND	1,221
0	COD991300464	LAIDLAW ENV SERVICES(DEER IRAIL) INC.	DEER IRAIL	1,002
10	CORUUUUU4002	ASARCO INC IAK IUNNEL WIP	LEADVILLE	700
11	COD960716902	NTT_DIVICION OF COLO CODINGS CIDSII	COLODADO CODINCO	76U 750
12	COD03/14/30/	COORS BERMING COMPANY	COLORADO SERINGS	507
12	COD034929909	DOLL DED CCLEMETETC COMPANY	MEAD	597
1.1	COD000034603	CAPPER VIEW CODD	DITERIO	523
15	COD000710039	SAFETI-KLEEN CORP	FUEBLO	442
16	COD0 / 6341656	NODAK COLORADO DIVISION	MINDPOK	442 386
17	COE 21 00 20 76 9	DOCKY MOINTAIN ADDENAL	COMMEDCE CITY	300
1 Ω	COD210020709	CUPMICAL C METAL INDICTRIC	DENITED	379
10	COD076302037	OFA INC	VIID OD V	370
20	COD003127279	ODA, INC.	T TTT ETON	257
21	COD001704790	ATMET CODDODATION	COLODADO CODINGO	302
22	COD001171710	CAF CIPCUITE COLORADO INC	DOLLI DED	284
22	COD030130773	COLODADO CTATE INITIEDETTE (CTODACE)	ET COLLING	256
24	COT090010851	COLORADO SIATE UNIVERSITE (STORAGE)	GRAND JUNCTION	253
25	COD007063290	NODTU AMEDICAN CALVANIZING CO _ DENVED	COMMEDCE CITY	244
26	COD007003290	SYMBIOS INC	COLORADO SPRINGS	237
27	COD007077175	KOPPERS (REAZER EAST INC)	DENVER	226
28	COD000109975	COLORADO REFINING COMPANY	COMMERCE CITY	221
29	COD060627189	CONOCO INC	COMMERCE CITY	197
30	COD983775123	LEXMARK INTERNATIONAL INC	LONGMONT	191
31	COR000008870	COLORADO DEPARTMENT OF TRANSPORTATION	DENVER	185
32	COR000005173	NAPRO BIOTHERAPEUTICS INC	BOILDER	176
33	COD983778366	CLEAN HARBORS ENVIRONMENTAL SERVICES INC	STERLING	175
34	C08213820725	PUEBLO CHEMICAL DEPOT (PCD)	PUEBLO	153
35	COD981549447	COLLINS COLLISON PRODUCTS	LOVELAND	145
36	COD007073901	I.TNCOIN DIATING COMPANY	DEWLED	144
37	COD983802877	LINCOLN PLATING COMPANY COORS CERAMICS CO	GOLDEN	125
38	CO9570025644	BUCKLEY AIR NATIONAL GUARD BASE	BUCKLEY ANGB	122
39	COD007060999	POWER ENGINEERING COMPANY	DENVER	113
40	COD007091879	CENTER LINE CIRCUITS INC	LONGMONT	107
41	CO0000059758	HAUSER, INC.	LONGMONT	105
42	COD000818179	COORS CERAMICS ELECTRONICS DIV	GOLDEN	102
43	COD981547797	MASTERCRAFT CABINETS, INC.	AURORA	99
44	COD007058167	SAMSONITE CORPORATION	DENVER	95
45	COD007092513	WESTERN FORGE	COLORADO SPRINGS	89
46	COD982581837	RICON RESINS INC	GRAND JUNCTION	86
47	COD070385620	AAA PLATING, INC.	DENVER	85
48	COD980635841	DRESSER OIL TOOLS (AXELSON)	COLORADO SPRINGS	82
49	COD007057995	SUNDSTRAND AEROSPACE	DENVER	80
50	COD094154671	COORS CERANICS CO BUCKLEY AIR NATIONAL GUARD BASE POWER ENGINEERING COMPANY CENTER LINE CIRCUITS INC HAUSER, INC. COORS CERANICS ELECTRONICS DIV MASTERCRAFT CABINETS, INC. SAMSONITE CORPORATION WESTERN FORGE RICON RESINS INC AAA PLATING, INC. DRESSER OIL TOOLS (AXELSON) SUNDSTRAND AEROSPACE COZINCO, INC.	SALIDA	74
TOTAL				51 100

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 8

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 39,790 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	COD991300484	LAIDLAW ENV SERVICES(DEER TRAIL) INC.	DEER TRAIL	37,626
2	COD000716621	SAFETY-KLEEN CORP	ENGLEWOOD	1,346
3	COD980591184	CHEMICAL WASTE MANAGEMENT, INC	HENDERSON	320
4	COD000716639	SAFETY-KLEEN CORP	PUEBLO	279
5	COT090010851	SAFETY-KLEEN CORP	GRAND JUNCTION	207
6	COD007431505	UNIVERSITY OF COLORADO, BOULDER	BOULDER	10
7	COD069712792	COLORADO STATE UNIVERSITE (STORAGE)	FT COLLINS	2
8	COT090011529	COLORADO STATE UNIVERSITY (DISPOSAL)	FT COLLINX	0

TOTAL 39,790

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION LANDFILL OTHER DISPOSAL SPECIFIED IN COMMENTS	M111-M119 M132 M137	25,374 12,247 5	67.4 32.5 .0	1 1 1	100.0 100.0 100.0
TOTAL		37,626	100.0	1	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION	M111-M119	25,374	67.4	1	100.0
LANDFILL	M132	12,247	32.5	1	100.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	5	.0	1	100.0
TOTAL		37,626	100.0	1	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LANDFILL	M132	12,247	32.5	1	100.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	5	.0	1	100.0
STABILIZATION	M111-M119	25,374	67.4	1	100.0
TOTAL		37,626	100.0	1	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 35,705 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 41,257 TONS

TOTAL GENERATED

CONNECTICUT

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 404

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 60,219 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	SITE NAME	CITY	(TONS)
1	CTD021816889	INTTED OIL PECOVERY INC	MEDIDEN	10 429
2	CTD021010009	PETZER INC	GROTON	7.467
3	CTD002593887	BRIDGEPORT UNITED RECYCLING	BRIDGEPORT	6.022
4	CTD001159730	DOW CHEMICAL CO. ALLYNS POINT PLT	GALES FERRY	5.722
5	CTD001453232	FRAMATOME CONNECTORS II S A INC	MILFORD	3,339
6	CTD0118631952	STANLEY BOSTITCH	CLINTON	3 335
7	CTR000004457	EXETER ENERGY LP	STERLING	1,501
8	CTD001173467	CYTEC INDUSTRIES	WALLINGFORD	1,104
9	CTD134204916	COYNE TEXTILE SERVICES	WATERBURY	901
10	CTD046233003	CONNECTICUT GALVANIZING CORP	GLASTONBURY	791
11	CTD001449784	SIKORSKY AIRCRAFT CORP	STRATFORD	742
12	CTD001449826	UNIROYAL CHEMICAL	NAUGATUCK	580
13	CTD010170363	STANLEY HARDWARE	NEW BRITAIN	579
14	CTD990672081	PRATT & WHITNEY	EAST HARTFORD	538
15	CTD001183300	BASSETT W E CO INC THE	DERBY	465
16	CTD0011980911	FM PRECISION GOLF MEG CORPORATION	TORRINGTON	422
17	CTD001181502	STRATFORD ARMY ENGINE PLANT	STRATFORD	384
18	CTD001147842	ELECTRIC BOAT CORPORATION	GROTON	338
19	CTD0011148717	TORRINGTON CO THE STANDARD PLT	TORRINGTON	332
20	CTD001110717	CLEAN HARRORS OF CONNECTICUT INC	BRISTOL	309
21	CTD000001100	TYCO DRINTED CIRCUIT CRD INC. STAFFORD	STAFFORDVII.I.F	300
22	CTD000032200	SIMMIT CORP OF AMERICA	THOMASTON	299
23	CTD002150505	MORTON INTERNATIONAL	STAMFORD	294
24	CTD001166263	MIRROR POLISHING & PLATING INC	WATERBIRY	286
25	CTD001100203	HAMILTON STANDARD DIVISION OF HT C	WINDSOR LOCKS	282
26	CTD051143341	CHANDLER EVANS CONTROL SYSTEMS DIV	WINDOOK LOCKS	279
27	CTD050507740	CORBIN RUSSWIN. INC.	BERLIN	278
28	CTD983884164	ENTHONE-OMI INC	WEST HAVEN	264
29	CTD042279513	KING INDSITRIES. INC.	NORWALK	255
30	CTD075133835	HAMPFORD RESEARCH, INC.	STRATFORD	253
31	CTD004531919	LILLY INDISTRIES. INC.	BOCKA HII'I'	245
32	CTD0011341062	BIRKEN MFG CO	BLOOMFIELD	238
33	CTD043036995	PRINTED CIRCUIT GROUP INC., STAFFORD DIV.	STAFFORD	236
34	CTD001164599	MCDERMID, INC.	WATERBURY	225
35	CTD001186212	VITRAMON. INCORPORATED	MONROE.	221
36	CTD024539967	EASCO ALIMINUM - BERLIN FACILITY	BERLIN	214
37	CTD001449511	PRATT & WHITNEY NORTH HAVEN	NORTH HAVEN	203
38	CTD982547689	SHERRI CUP INC.	BERLIN	187
39	CTD001450154	WHYCO CHROMIUM CO INC	THOMASTON	166
40	CTD980669352	SIKORSKY AIRCRAFT CORP	SHELTON	165
41	CTD001171719	WATERBURY PLATING CO	WATERBURY	163
42	CT0690307871	U.S. COAST GUARD ACADEMY	NEW LONDON	162
43	CTD001152545	FORESTVILLE IND PLATING CO INC	SOUTHINGTON	160
44	CTD001147974	MILLER CO THE	MERIDEN	160
45	CTD981889538	PRINTED CIRCUIT GROUP INC., STAFFORD DIV. MCDERMID, INC. VITRAMON, INCORPORATED EASCO ALUMINUM - BERLIN FACILITY PRATT & WHITNEY NORTH HAVEN SHERRI CUP INC. WHYCO CHROMIUM CO INC SIKORSKY AIRCRAFT CORP WATERBURY PLATING CO U.S. COAST GUARD ACADEMY FORESTVILLE IND PLATING CO INC MILLER CO THE ARMOLOY OF CT INC CONNECTICUIT ANODIZING & FINISHING	BRISTOL	152
46	CTD060018777	CONNECTICUT ANODIZING & FINISHING	BRIDGEPORT	150
47	CTD001170547	THE TORRINGTON CO.	WATERBURY	149
48	CTD000844399	PRATT & WHITNEY	EAST HARTFORD	148
49	CTD001141233	ANCHOR GLASS CONTAINER CORP	HARTFORD	135
50	CTD065521304	ARMOLOY OF CT INC CONNECTICUT ANODIZING & FINISHING THE TORRINGTON CO. PRATT & WHITNEY ANCHOR GLASS CONTAINER CORP TYCO PRINTED CIRCUIT GROUP INC.	MANCHESTER	135
TOTAL				

TOTAL

51,705

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.
CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

CONNECTICUT

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY	TONS OF		TONS OF	WASTE HAS BOTH	TONS OF
CHARACTERISTIC	WASTE	WASTE HAS ONLY	WASTE	CHARACTERISTIC	WASTE
CODES	GENERATED	LISTED CODES	GENERATED	AND LISTED CODES	GENERATED
ONLY IGNITABLE	2,468	ONLY AN F CODE	6,764		
ONLY CORROSIVE	723	ONLY A K CODE	21		
ONLY REACTIVE	156	ONLY A P CODE	43		
ONLY D004-17	4,591	ONLY A U CODE	136		
ONLY D018-43	4,061				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	5,948	LISTED CODE	2		
TOTAL	17,946	TOTAL	6,966	BOTH CHARACTERISTIC & LISTED	35,281

5 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE MULTIPLY CODED

WASTE HAS ONLY	TONS OF	ONLY LISTED	TONS OF	BOTH CHAR,	TONS OF
CHARACTERISTIC CODES	WASTE	CODES BUT HAS	WASTE	AND LISTED	WASTE
BUT MORE THAN ONE APPLIES	GENERATED	MORE THAN ONE	GENERATED	CODES	GENERATED
HAS IGNITABLE CODE	3,723			IGN. W/ AT LEAST 1 LSTD	25,688
HAS CORROSIVE CODE	2,350			CORR. W/ AT LEAST 1 LSTD	4,109
HAS REACTIVE CODE	149			REACT. W/ AT LEAST 1 LSTD	362
HAS D004-D017 CODE	3,859			D004-17 W/ AT LEAST 1 LSTD	26,257
HAS D018-D043 CODE	2,510			D018-43 W/ AT LEAST 1 LSTD	19,399
		HAS AN F CODE	2	F WASTE W/ AT LEAST 1 CHAR	31,799
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	3,356
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	295
		HAS A U CODE	2	U WASTE W/ AT LEAST 1 CHAR	395
TOTAL	5,948	TOTAL	2	TOTAL	35,281

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.
CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 27

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 26,680 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

	EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1	CTD021816889	UNITED OIL RECOVERY, INC.	MERIDEN	18,068
2	CTD002593887	BRIDGEPORT UNITED RECYCLING	BRIDGEPORT	6,693
3	CTD000604488	CLEAN HARBORS OF CONNECTICUT, INC.	BRISTOL	1,214
4	CTD001159730	DOW CHEMICAL CO. ALLYNS POINT PLT	GALES FERRY	698
5	CTD001169010	ENTHONE-OMI INC.	WEST HAVEN	3
6	CTD001166586	BIC CORP	MILFORD	2
7	CTD001156009	SAFETY-KLEEN CORP.	PLAINFIELD	1
7	CTD980667927	SAFETY-KLEEN CORP	BRANFORD	1

TOTAL

26,680

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
OTHER RECOVERY	M031-M039	4	.0	2	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	700	2.6	2	25.0
FUEL BLENDING	M061	24,765	92.8	5	62.5
SLUDGE TREATMENT	M101-M109	0	.0	1	12.5
STABILIZATION	M111-M119	1,211	4.5	1	12.5
TOTAL		26,680	100.0	8	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	24,765	92.8	5	62.5
STABILIZATION	M111-M119	1,211	4.5	1	12.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	700	2.6	2	25.0
OTHER RECOVERY	M031-M039	4	.0	2	25.0
SLUDGE TREATMENT	M101-M109	0	.0	1	12.5
TOTAL		26,680	100.0	8	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
FUEL BLENDING OTHER RECOVERY ENERGY RECOVERY (REUSE AS FUEL) SLUDGE TREATMENT STABILIZATION	M061 M031-M039 M051-M059 M101-M109 M111-M119	24,765 4 700 0 1,211	92.8 .0 2.6 .0 4.5	5 2 2 1 1	62.5 25.0 25.0 12.5 12.5
TOTAL		26,680	100.0	8	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.
COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.
CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

QUANTITY

CONNECTICUT

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 384

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 73,515 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME UNITED OIL RECOVERY, INC. PFIZER INC BRIDGEPORT UNITED RECYCLING DOW CHEMICAL CO. ALLYNS POINT PLT CLEAN HARBORS OF CONNECTICUT, INC. SAFETY-KLEEN CORP FRAMATOME CONNECTORS U S A INC STANLEY BOSTITCH SAFETY-KLEEN CORP. EXETER ENERGY LP CYTEC INDUSTRIES COYNE TEXTILE SERVICES CONNECTICUT GALVANIZING CORP. SIKORSKY AIRCRAFT CORP. UNITOYAL CHEMICAL STANLEY HARDWARE PRATT & WHITNEY BASSETT W E CO INC THE FM PRECISION GOLF MFG CORPORATION STRATFORD ARMY ENGINE PLANT LOGANO TRANSPORTATION CO INC ELECTRIC BOAT CORPORATION TORRINGTON CO THE STANDARD PLT PRATT & WHITNEY WILLGOOS LAB TYCO PRINTED CIRCUIT GRP INC., STAFFORD SUMMIT CORP OF AMERICA HAMILION STANDARD DIVISION OF U T C MIRROR POLISHING & PLATING INC. MORTON INTERNATIONAL CHANDLER EVANS CONTROL SYSTEMS DIV. CORBIN RUSSWIN, INC. SAFETY-KLEEN CORP ENTHONE-OMI INC. KING INDSUTRIES, INC, HAMPFORD RESEARCH, INC. LILLY INDUSTRIES, INC. BIRKEN MFG CO PRINTED CIRCUIT GROUP INC., STAFFORD DIV. MCDERMID, INC.	CITY	SHIPPED (TONS)
1	CTD021816889	INITED OIL DECOMEDY INC	MEDITOENI	10 508
2	CTD021010009	DETZER INC	GROTON	7 718
3	CTD001117193	BRIDGEDORT INITED RECYCLING	BRIDGEDORT	6 022
4	CTD001159730	DOW CHEMICAL CO ALLYNS POINT PLT	GALES FERRY	5 024
5	CTD001133730	CLEAN HARRORS OF CONNECTICUT INC	BRISTOI.	4 768
6	CTD000004400	CAFFTY-KI.FFN CORD	M HYBLEUDD	3 886
7	CTD000043302	FRAMATOME CONNECTORS II S A INC	MILEORD	3,000
8	CTD018631952	STANLEY BOSTITCH	CLINTON	3 335
9	CTD010051932	SAFETY-KLEEN CORP	DI.AINFIELD	3 129
10	CTR0001130003	EXETER ENERGY LP	STERIING	3 002
11	CTD0011173467	CYTEC INDIGTRIES	WALLINGEOPD	1 079
12	CTD134204916	COYNE TEXTILE SERVICES	WATERBURY	901
13	CTD046233003	CONNECTICUT GALVANIZING CORP	GI.ASTONBURY	791
14	CTD010233003	SIKORSKY AIRCRAFT CORP	STRATEORD	734
15	CTD001119701	INTROVAL CHEMICAL	NALICATUCK	599
16	CTD001443020	STANLEY HAPDWAPF	NEM BETTAIN	579
17	CTD990672081	DRATT & WHITNEY	EAST HARTFORD	513
18	CTD001183300	BASSETT W E CO INC THE	DERRY	465
19	CTD001103300	FM DRECISION COLE MEC CORDORATION	TOPPINGTON	422
20	CTD001300311	STRATEORD ARMY FNGINE DLANT	STRATEORD	384
21	CTD983896341	LOCANO TRANSPORTATION CO INC	DORTI AND	377
22	CTD0011147842	ELECTRIC BOAT CORPORATION	GROTON	338
23	CTD001117012	TORRINGTON CO THE STANDARD PLT	TORRINGTON	332
24	CTD001110717	PRATT & WHITNEY WILLGOOS LAB	EAST HARTFORD	316
25	CTD0000652206	TYCO PRINTED CIRCUIT GRP INC STAFFORD	STAFFORDVILLE	300
26	CTD000032200	SIMMIT CORP OF AMERICA	THOMASTON	299
27	CTD002130303	HAMILTON STANDARD DIVISION OF H T C	WINDSOR LOCKS	293
28	CTD001166263	MIRROR POLISHING & PLATING INC.	WATERBURY	286
29	CTD001162809	MORTON INTERNATIONAL	STAMFORD	281
30	CTD058507740	CHANDLER EVANS CONTROL SYSTEMS DIV.	WEST HARTFORD	279
31	CTD052541695	CORBIN RUSSWIN, INC.	BERLIN	278
32	CTD980667927	SAFETY-KLEEN CORP	BRANFORD	273
33	CTD983884164	ENTHONE-OMI INC.	WEST HAVEN	264
34	CTD042279513	KING INDSUTRIES, INC.	NORWALK	254
35	CTD075133835	HAMPFORD RESEARCH, INC.	STRATFORD	253
36	CTD004531919	LILLY INDUSTRIES, INC.	ROCKY HILL	245
37	CTD001144062	BIRKEN MFG CO	BLOOMFIELD	238
38	CTD043036995	PRINTED CIRCUIT GROUP INC., STAFFORD DIV.	STAFFORD	236
39	CTD001164599	MCDERMID, INC.	WATERBURY	225
40	CTD024539967	EASCO ALUMINUM - BERLIN FACILITY	BERLIN	214
41	CTD001186212	VITRAMON, INCORPORATED	MONROE	203
42	CTD001449511	PRATT & WHITNEY NORTH HAVEN	NORTH HAVEN	203
43	CTD982547689	SHERRI CUP INC.	BERLIN	187
44	CTD001450154	WHYCO CHROMIUM CO INC	THOMASTON	166
45	CTD980669352	SIKORSKY AIRCRAFT CORP	SHELTON	165
46	CTD001171719	WATERBURY PLATING CO	WATERBURY	163
47	CTD001152545	FORESTVILLE IND PLATING CO INC	SOUTHINGTON	163
48	CT0690307871	U.S. COAST GUARD ACADEMY	NEW LONDON	162
49	CTD001163732	BARDEN CORP THE	DANBURY	157
50	CTD001147974	MCDERMID, INC. EASCO ALUMINUM - BERLIN FACILITY VITRAMON, INCORPORATED PRATT & WHITNEY NORTH HAVEN SHERRI CUP INC. WHYCO CHROMIUM CO INC SIKORSKY AIRCRAFT CORP WATERBURY PLATING CO FORESTVILLE IND PLATING CO INC U.S. COAST GUARD ACADEMY BARDEN CORP THE MILLER CO THE	MERIDEN	156
TOTAL				

TOTAL

64,505

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.
STATE MAY HAVE FEWER THAN FIFTY SHIPPERS

STATE MAY HAVE FEWER THAN FIFTY SHIPPERS. CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 10

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 14,890 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

, IIIII EMODOI	Reidi International Wildia Reelivero, 1997		QUANTITY
RANK EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1 CTD0218168	89 UNITED OIL RECOVERY, INC.	MERIDEN	7,639
2 CTD0011560	09 SAFETY-KLEEN CORP.	PLAINFIELD	2,735
3 CTD0006044	88 CLEAN HARBORS OF CONNECTICUT, INC.	BRISTOL	1,934
4 CTD9806679	27 SAFETY-KLEEN CORP	BRANFORD	872
5 CTD0025938	87 BRIDGEPORT UNITED RECYCLING	BRIDGEPORT	671
6 CTD0008459	82 SAFETY-KLEEN CORP	W. HARTFORD	588
7 CTD9838963	41 LOGANO TRANSPORTATION CO INC	PORTLAND	390
8 CTD0011453	41 HAMILTON STANDARD DIVISION OF U T C	WINDSOR LOCKS	44
9 CTD0011645	99 MCDERMID, INC.	WATERBURY	13
10 CTD0011690	10 ENTHONE-OMI INC.	WEST HAVEN	3

14,890

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE. CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
OTHER RECOVERY	M031-M039	4	.0	2	33.3
FUEL BLENDING	M061	8,314	87.3	5	83.3
SLUDGE TREATMENT	M101-M109	0	.0	1	16.7
STABILIZATION	M111-M119	1,211	12.7	1	16.7
TOTAL		9,529	100.0	6	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	8,314	87.3	5	83.3
STABILIZATION	M111-M119	1,211	12.7	1	16.7
OTHER RECOVERY	M031-M039	4	.0	2	33.3
SLUDGE TREATMENT	M101-M109	0	.0	1	16.7
TOTAL		9,529	100.0	6	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	8,314	87.3	5	83.3
OTHER RECOVERY	M031-M039	4	.0	2	33.3
SLUDGE TREATMENT	M101-M109	0	.0	1	16.7
STABILIZATION	M111-M119	1,211	12.7	1	16.7
TOTAL		9,529	100.0	6	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.
COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.
CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 9,081 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 63,991 TONS

NOTE: CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 66

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 19,353 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	SITE NAME	CITY NEWPORT CLAYMONT DELAWARE CITY WILMINGTON WILMINGTON DELAWARE CITY	TOTAL GENERATED (TONS)
1 DED0000000000	GIDA GEIGN GODD DIGMENEG DEDE	 NEWDORT	7,110
2 DED960630400	CITISTEEL USA INC	OI AVMONT	4,865
3 DED002270704	CIBA-GEIGI CORP, PIGNENTS DEPT CITISTEEL USA INC OCCIDENTAL CHEMICAL CORPORATION DUPONT - EXP. STATION GM ASSEMBLY DIVISION STAR ENTERPRISE NORAMCO OF DELAWARE STANDARD CHLORINE OF DELAWARE PRINTPACK CHRYSLER CORPORATION ZENECA - CHEM. ENG. LAB. HERCULES RESEARCH CENTER DUPONT - STINE HASKELL MEDAL DUPONT - MERCK EXP. STA. UNIVERSITY OF DELAWARE CHROME DEPOSIT CORPORATION JOHNSON CONTROLS GLOBE BATTERY NANTICOKE HOMES INC MACDERMID IMAGING TECHNOLOGY, INC.	DELAWARE CITY	1,241
4 DED003913200	DIDONT - FYD GTATION	WILMINGTON	1,058
5 DED003330007	CM ASSEMBLY DIVISION	WILMINGTON	940
6 DED002309203	STAR ENTERPRISE	DELAWARE CITY	839
7 DED085693646	NORAMCO OF DELAWARE	WILMINGTON	507
8 DED041212473	STANDARD CHLORINE OF DELAWARE	DELAWARE CITY	505
9 DED069876795	PRINTPACK	NEW CASTLE	436
10 DED002357408	CHRYSLER CORPORATION	NEWARK	232
11 DED984076265	ZENECA - CHEM. ENG. LAB.	NEW CASTLE	149
12 DED001315647	HERCULES RESEARCH CENTER	WILMINGTON	144
13 DED064370992	DUPONT - STINE HASKELL	NEWARK	107
14 DED984071282	MEDAL	NEWPORT	107
15 DED984071068	DUPONT - MERCK EXP. STA.	WILMINGTON	96
16 DED000820704	UNIVERSITY OF DELAWARE	NEWARK	91
17 DED984066118	CHROME DEPOSIT CORPORATION	NEWARK	74
18 DED002353092	JOHNSON CONTROLS GLOBE BATTERY	MIDDLETOWN	73
19 DED054719851	NANTICOKE HOMES INC	GREENWOOD	66
20 DED053304770	MACDERMID IMAGING TECHNOLOGY, INC. DOVER AIR FORCE BASE	MIDDLETOWN	65
21 DE85/0024010	DOVER AIR FORCE BASE	DOVER	39
22 DED9826/6595	H.P. LITTLE FALLS ANAYLTICAL DIVISION	NEWPORT	37
24 DED002342020	ICI AMERICAS - ATLAS POINT SITE	NEW CASTLE	36 35
24 DEDUUU02U399	ZENECA INC.	WILMINGTON	32
25 DEDUUZ3376UC	DOVER AIR FORCE BASE H.P. LITTLE FALLS ANAYLTICAL DIVISION ICI AMERICAS - ATLAS POINT SITE ZENECA INC. NVF COMPANY, YORKLYN RITE OFF INC	SEAFORD	32
27 DFD021957444	MEC THETH TANKS	GEORGETOWN	28
28 DED083235549	I. D. CAIII.K CO.	MILFORD	28
29 DED981743065	L.D. CAULK CO. L.D. CAULK CO W. MILFORD W. L. GORE & ASSOCIATES AMTRAK BEAR COMPLEX CAMDEL METALS CORP	MILFORD	27
30 DED002331536	W. L. GORE & ASSOCIATES	NEWARK	26
31 DED981042724	AMTRAK BEAR COMPLEX	BEAR	26
32 DED980537781	CAMDEL METALS CORP	CAMDEN	22
33 DED011028438	ATLANTIC AVIATION CORP GEORGETOWN CLEANERS	NEW CASTLE GEORGETOWN SEAFORD	21
34 DEP000001403	GEORGETOWN CLEANERS	GEORGETOWN	21
35 DED002348845	DUPONT - SEAFORD PLANT DUPONT - CHESTNUT RUN	SEAFORD	20
36 DED003930799	DUPONT - CHESTNUT RUN	WILMINGTON	19
	AMTRAK WILMINGTON MAINT FACILITY	WILMINGTON	17
38 DER000001156		GLASGOW	17
39 DED000621417	DP&L - EDGEMOOR	WILMINGTON	15
40 DED981113681	UNIROYAL POLYCAST TECHNOLOGY DIVISION	NEWPORT	14
41 DEDIIUUIU3/8	DUPONT - WILM OFFICE BLDG	WILMINGION	14 13
42 DEPUUUUUI382	CSA RAILROAD	WILMINGTON EDGEMOOR	11
44 DED0000000264	EMC CORDORATION	NEWARK	10
44 DED0/3/0010/	DUPONT - WILM OFFICE BLDG CSX RAILROAD DUPONT - EDGEMOOR FMC CORPORATION PROCTOR AND GAMBLE	DOVER	9
46 DED154576698	GENERAL CHEMICAL	CLAYMONT	8
	DUPONT - MERCK S/H	NEWARK	8
	ARLON INCORPORATED	BEAR	8
	DUPONT - HOLLY RUN	NEWPORT	8
50 DER000001313		NEW CASTLE	8
TOTAL			

19,312

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	4,371	ONLY AN F CODE	1,643		
ONLY CORROSIVE	106	ONLY A K CODE	1,441		
ONLY REACTIVE	1	ONLY A P CODE	3		
ONLY D004-17	3,844	ONLY A U CODE	59		
ONLY D018-43	67				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	668	LISTED CODE	22		
TOTAL	9,058	TOTAL	3,168	BOTH CHARACTERISTIC & LISTED	7,108

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
BOI MORE THAN ONE AFFILES	GENERALED	MORE ITIAN ONE	GENERALED	CODES	GENERALED
HAS IGNITABLE CODE HAS CORROSIVE CODE HAS REACTIVE CODE HAS D004-D017 CODE HAS D018-D043 CODE	429 215 26 291 494			IGN. W/ AT LEAST 1 LSTD CORR. W/ AT LEAST 1 LSTD REACT. W/ AT LEAST 1 LSTD D004-17 W/ AT LEAST 1 LSTD D018-43 W/ AT LEAST 1 LSTD	1,576 46 14 4,915 859
		HAS AN F CODE		F WASTE W/ AT LEAST 1 CHAR	2,089
		HAS A K CODE HAS A P CODE	0	K WASTE W/ AT LEAST 1 CHAR P WASTE W/ AT LEAST 1 CHAR	4,864
		HAS A U CODE		U WASTE W/ AT LEAST 1 CHAR	171
TOTAL	668	TOTAL	22	TOTAL	7,108

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 4

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 2,131 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

TONS OF WASTE
RANK EPA ID SITE NAME CITY MANAGED
---1 DED003930807 DUPONT - EXP. STATION WILMINGTON 2,131
2 DE8570024010 DOVER AIR FORCE BASE DOVER 0

TOTAL

2,131

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY INCINERATION	M021-M029 M041-M049	0 2,131	.0	1 1	50.0 50.0
TOTAL		2,131	100.0	2	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	 M041-M049	2,131	100.0	1	50.0
SOLVENTS RECOVERY	M041-M049 M021-M029	2,131	100.0	1	50.0
SOLVENIS RECOVERI	P10 2 1 - P10 2 9	0	.0	1	30.0
TOTAL		2,131	100.0	2	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY INCINERATION	 M021-M029 M041-M049	0 2,131	.0	1 1	50.0 50.0
TOTAL	NOTE MOTS	2,131	100.0	2	30.0

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

DELAWARE

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 63

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 16,779 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME	CITY NEWPORT CLAYMONT DELAWARE CITY WILMINGTON WILMINGTON WILMINGTON DELAWARE CITY DELAWARE CITY NEWARK NEW CASTLE WILMINGTON	SHIPPED (TONS)
1	DED980830400	CIBA-GEIGY CORP, PIGMENTS DEPT CITISTEEL USA INC	NEWPORT	5,865
2	DED002276764	CITISTEEL USA INC	CLAYMONT	4,865
3	DED003913266	OCCIDENTAL CHEMICAL CORPORATION GM ASSEMBLY DIVISION DUPONT - EXP. STATION NORAMCO OF DELAWARE	DELAWARE CITY	1,130
4	DED002369205	GM ASSEMBLY DIVISION	WILMINGTON	924
5	DED003930807	DUPONT - EXP. STATION	WILMINGTON	727
6	DED085693646	NORAMCO OF DELAWARE	WILMINGTON	507
7	DED041212473	STANDARD CHLORINE OF DELAWARE	DELAWARE CITY	505
8	DED002329738	STAR ENTERPRISE	DELAWARE CITY	324
9	DED002357408	CHRYSLER CORPORATION	NEWARK	232
10	DED984076265	ZENECA - CHEM. ENG. LAB.	NEW CASTLE	228
11	DED001315647	HERCULES RESEARCH CENTER	WILMINGTON	144
12	DED064370992	DUPONT - STINE HASKELL	NEWARK	107
13	DED984071282	MEDAL	NEWPORT	107
14	DED984071068	DUPONT - MERCK EXP. STA.	WILMINGTON	96
15	DED000820704	STANDARD CHLORINE OF DELAWARE STAR ENTERPRISE CHRYSLER CORPORATION ZENECA - CHEM. ENG. LAB. HERCULES RESEARCH CENTER DUPONT - STINE HASKELL MEDAL DUPONT - MERCK EXP. STA. UNIVERSITY OF DELAWARE PRINTPACK CHEMME DEPORTE CORPORATION	NEWARK	91
16	DED069876795	PRINTPACK	NEW CASTLE	79
17	DED984066118	CHROME DEPOSIT CORPORATION	NEWARK	74
18	DED002353092	JOHNSON CONTROLS GLOBE BATTERY	MIDDLETOWN	73
19	DED054719851	PRINTPACK CHROME DEPOSIT CORPORATION JOHNSON CONTROLS GLOBE BATTERY NANTICOKE HOMES INC MACDERMID IMAGING TECHNOLOGY, INC.	GREENWOOD	66
20	DED053304770	MACDERMID IMAGING TECHNOLOGY, INC.	MIDDLETOWN	62
21	DED000020377	ZENECA INC.	WILMINGTON	39
22	DE8570024010	DOVER AIR FORCE BASE H.P. LITTLE FALLS ANAYLTICAL DIVISION ICI AMERICAS - ATLAS POINT SITE L.D. CAULK CO. L.D. CAULK CO W. MILFORD	DOVER	38
23	DED982676595	H.P. LITTLE FALLS ANAYLTICAL DIVISION	NEWPORT	37
24	DED002342020	ICI AMERICAS - ATLAS POINT SITE	NEW CASTLE	36
25	DED083235549	L.D. CAULK CO.	MILFORD	28
26	DED981743065	L.D. CAULK CO. L.D. CAULK CO W. MILFORD W. L. GORE & ASSOCIATES AMTRAK BEAR COMPLEX CAMDEL METALS CORP ATLANTIC AVIATION CORP GEORGETOWN CLEANERS DUPONT - SEAFORD PLANT DUPONT - CHESTNUT RUN	MILFORD	27
27	DED002331536	W. L. GORE & ASSOCIATES	NEWARK	26
28	DED981042724	AMTRAK BEAR COMPLEX	BEAR	26
29	DED980537781	CAMDEL METALS CORP	CAMDEN	22
30	DED011028438	ATLANTIC AVIATION CORP	NEW CASTLE	21
31	DEP000001403	GEORGETOWN CLEANERS	GEORGETOWN	21 21
32	DED002340045	DUPONT - SEAFORD PLANT	SEAFORD	19
2.4	DED0600E0060	DUPONI - CHESINUI RUN	WILMINGTON	17
25	DED000050062	AMTRAK WILMINGTON MAINT FACILITY DADE INTERNATIONAL DPAL - EDGEMOOR	WILMINGTON GLASGOW	17
36	DERUUUUUII 50	DP&L - EDGEMOOR	WILMINGTON	16
			NEWPORT	14
38	DEDJ01113001	DIDONT - WILM OFFICE RIDG	WILMINGTON	14
30	DED110010370	CGA BATIBUAD	WILMINGTON	13
40	DED000001302	DIDONT - FDGFMOOR	EDGEMOOR	11
41	DED984075929	RITE OFF INC	SEAFORD	10
42	DED073760167	FMC CORPORATION	NEWARK	10
43	DED069026193	PROCTOR AND GAMBLE	DOVER	9
44	DED154576698	GENERAL CHEMICAL	CLAYMONT	8
45	DED984071076	UNIROYAL POLYCAST TECHNOLOGY DIVISION DUPONT - WILM OFFICE BLDG CSX RAILROAD DUPONT - EDGEMOOR RITE OFF INC FMC CORPORATION PROCTOR AND GAMBLE GENERAL CHEMICAL DUPONT - MERCK S/H ARLON INCORPORATED DUPONT - HOLLY RUN ICI AMERICAS AMP/AKZO ELECTRONICS CENTER	NEWARK	8
46	DED980551261	ARLON INCORPORATED	BEAR	8
47	DED980555122	DUPONT - HOLLY RUN	NEWPORT	8
48	DER000001313	ICI AMERICAS	NEW CASTLE	8
49	DED981109317	AMP/AKZO ELECTRONICS CENTER MFG JUSTIN TANKS	NEWARK	6
50	DED021957444	MFG JUSTIN TANKS	GEORGETOWN	5

TOTAL 16,746

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 1

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 1,768 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

 RANK
 EPA ID
 SITE NAME
 CITY
 RECEIVED (TONS)

 -----1
 DED003930807
 DUPONT - EXP. STATION
 WILMINGTON
 1,768

1,768

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES	
INCINERATION	M041-M049	1,727	100.0	1	100.0	
TOTAL		1.727	100.0	1		

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

 QUANTITY
 PERCENTAGE
 PERCENTAGE

 SYSTEM
 MANAGED
 OF
 NUMBER OF
 OF

 MANAGEMENT METHOD
 TYPE CODE
 (TONS)
 QUANTITY
 FACILITIES
 FACILITIES

 INCINERATION
 M041-M049
 1,727
 100.0
 1
 100.0

1,727

100.0

1

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	1,727	100.0	1	100.0
TOTAL		1,727	100.0	1	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 1,612 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 16,537 TONS

499

DISTRICT OF COLUMBIA

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 20

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 499 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

	EPA ID	SITE NAME		TOTAL GENERATED (TONS)
				(1010)
1	DC2200907812	U S BUREAU OF ENGRAVING AND PRINTING		132
2	DCD000819516	PEPCO BENNING ROAD GENERATING STATION	WASHINGTON	84
3	DC9170024310	HQ NAVAL DISTRICT WASHINGTON	WASHINGTON	52
4	DCD077797793	WASHINGTON GAS LIGHT CO	WASHINGTON	28
5	DCD003238193	WASHINGTON POST NEWSPAPER-SOUTHEAST PLT		27
6	DC1960000908	US WASHINGTON ADUEDUCT DIVISION	WASHINGTON	26
7	DC4210021156	WALTER REED ARMY MEDICAL CENTER	WASHINGTON	23
8	DCD049515844	GEORGETOWN UNIVERSITY	WASHINGTON	20
9	DC8170024311	NAVAL RESEARCH LABORATORY	WASHINGTON	17
10	DCD003245768	WASHINGTON POST NEWSPAPER THE	WASHINGTON	16
11	DC4141707162	ARCHITECT OF THE CAPITOL	WASHINGTON	14
12	DC7170023454	U S NAVAL OBSERVATORY BOLLING AIR FORCE BASE	WASHINGTON	14
13	DC9570090036	BOLLING AIR FORCE BASE	WASHINGTON	11
14	DC4170000901	HQ NDW NAVAL STATION ANACOSTIA WMATA BRENTWOOD	WASHINGTON	9
15	DCD981737422	WMATA BRENTWOOD	WASHINGTON	7
16	DC8470000086	FOOD & DRUG ADMINISTRATION FB 8	WASHINGTON	7
17	DCD106341449	HOWARD UNIVERSITY		4
18	DCD983966409	HOWARD UNIVERSITY HOSPITAL	WASHINGTON	3
19	DCD980555643	WMATA BLADENSBURG	WASHINGTON	3
20	DCD000819508	PEPCO BUZZARD POINT GENERATING STATION	WASHINGTON	0
TOTAL				

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	86	ONLY AN F CODE	8		
ONLY CORROSIVE	7	ONLY A K CODE	0		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	170	ONLY A U CODE	1		
ONLY D018-43	29				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	39	LISTED CODE	0		
TOTAL	330	TOTAL	9	BOTH CHARACTERISTIC & LISTED	157

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	18			IGN. W/ AT LEAST 1 LSTD	51
HAS CORROSIVE CODE	21			CORR. W/ AT LEAST 1 LSTD	99
HAS REACTIVE CODE	2			REACT. W/ AT LEAST 1 LSTD	4
HAS D004-D017 CODE	34			D004-17 W/ AT LEAST 1 LSTD	113
HAS D018-D043 CODE	14			D018-43 W/ AT LEAST 1 LSTD	24
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	56
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	96
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	9
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	6
TOTAL	39	TOTAL	0	TOTAL	157

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

- 6 NUMBER OF RCRA TSD FACILITIES: 1
- 7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 0 TONS

TABLES 8, 9, 10 AND 11 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN THE DISTRICT OF COLUMBIA THAT REPORTED MANAGING RCRA HAZARDOUS WASTE IN 1997 OTHER THAN AS A STORAGE ONLY FACILITY.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 20

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 499 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

	EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
		U S BUREAU OF ENGRAVING AND PRINTING		132
		PEPCO BENNING ROAD GENERATING STATION		89
	DC9170024310	HQ NAVAL DISTRICT WASHINGTON	WASHINGTON	52
4	DCD077797793	WASHINGTON GAS LIGHT CO	WASHINGTON	28
5	DCD003238193	WASHINGTON POST NEWSPAPER-SOUTHEAST PLT	WASHINGTON	27
6	DC1960000908	US WASHINGTON ADUEDUCT DIVISION	WASHINGTON	26
7	DC4210021156	WALTER REED ARMY MEDICAL CENTER	WASHINGTON	23
8	DCD049515844	GEORGETOWN UNIVERSITY	WASHINGTON	20
9	DCD003245768	WASHINGTON POST NEWSPAPER THE	WASHINGTON	16
10	DC7170023454	U S NAVAL OBSERVATORY	WASHINGTON	14
11	DC4141707162	ARCHITECT OF THE CAPITOL	WASHINGTON	14
12	DC8170024311	NAVAL RESEARCH LABORATORY	WASHINGTON	13
13	DC9570090036	BOLLING AIR FORCE BASE	WASHINGTON	11
14	DC4170000901	HQ NDW NAVAL STATION ANACOSTIA	WASHINGTON	9
15	DCD981737422	WMATA BRENTWOOD	WASHINGTON	7
16	DC8470000086	FOOD & DRUG ADMINISTRATION FB 8	WASHINGTON	7
17	DCD106341449	HOWARD UNIVERSITY	WASHINGTON	4
18	DCD983966409	HOWARD UNIVERSITY HOSPITAL	WASHINGTON	3
19	DCD980555643	WMATA BLADENSBURG	WASHINGTON	3
20	DCD000819508	PEPCO BUZZARD POINT GENERATING STATION	WASHINGTON	0
TOTAL				

499

NOTE:

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

TABLES 16, 17, 18, 19, 20, AND 21 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN THE DISTRICT OF COLUMBIA THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE IN 1997.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 499 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 378

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 398,535 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	C EPA ID	SITE NAME SOLUTIA INC KAISER ALUMINUM & CHEMICAL CORP GULF COAST RECYCLING, INC. FMC CORPORATION AMERISTEEL; JACKSONVILLE MILL AIR PRODUCTS AND CHEMICALS, INC/ESCAMBIA LAIDLAW ENVIRONMENTAL SERVICES OF BARTOW ARIZONA CHEMICAL PERMA FIX OF FLORIDA NAVAL AIR STATION JACKSONVILLE REICHHOLD CHEMICAL INC. FORMER MARTIN COUNTRY RIFLE RANGE EVEREADY BATTERY COMPANY, INC. REICHHOLD CHEMICALS PCR, INC. ARIZONA CHEMICAL TSE INDUSTRIES, INC. AVESTA SHEFFIELD PIPE CO BP OIL COMPANY-TAMPA TERMINAL AXON CIRCUIT, INC WALT DISNEY WORLD CO. NASA - KENNEDY SPACE CENTER CAPE CANAVERAL AIR STATION TEENCO PACKAGING TURBINE ENGINE COMPONENTS TEXTRON BP OIL COMPANY MONTCO RESEARCH PRODUCTS, INC SAFETY-KLEEN CORP SAFETY-KLEEN CORP BERKELEY MANOR COMMERCIAL PARCEL CIRENT SEMICONDUCTOR SAFETY-KLEEN CORP KOPPERS INDUSTRIES, INC. VAW OF AMERICA, INC CONSOLIDATED STAINLESS INC ALUMAX EXTRUSIONS, INC ELRHA PRINTED CIRCUITS CORP SAFETY-KLEEN CORP HYDRO ALUMINUM ROCKLEDGE, INC ADVANCED QUICK CIRCUITS, L.P. NAVAL AIR STATION PENSACOLA GREENWICH AIR SERVICES, INC. FLORIDA FENCE POST COMPANY, INC. CORONADO PAINT COMPANY GELMAN SCIENCES FILM TECHNOLOGIES INT. INC NAVAL STATION MAYPORT ESSILOR OF AMERICA MANUFACTURING ALPHA/OWENS CORNING	CITY	TOTAL GENERATED (TONS)
	 FID071051066	COLUMN TWO	CONTALET	175 146
	FID0/1331300	NATORD ALIMINUM C CHRMICAL CODD	MIII DEDDY	120 000
2	2 LTD004100011	CILLE COACE DECYCLING INC	MANDA	26 210
	1 FID004032033	EMC CORDODATION	TACKCOMITITE	20,319
-	FLD000045461	AMEDICHERI: TACKCOMUTILE MILI	DALDMIN	24,694 10 F16
5	FLD00301253/	AMERISIEEL, OACKSONVILLE MILL	BALDWIN	7 554
-	7 10000133073	TATHIAW PHILIDONIMPNITAL CERTITORS OF DARROW	DADTOW	7,33 1 5 397
,	LTD300173010	ARTZONA CUENTCAT	DANAMA CITY	2,307
	FLD004003920	DEDMA ETY OF FLORIDA	CATMECULLE	3,000
1.0	7 FLD300/110/1	NAVAL ATD CHARTON TACKCOMUTITE	CATIVESVILLE	1 022
11) LT01/0074417	DETCHUOID CHEMICAT INC	DENCACOLA	1,932 1 /157
1.3	FITT070057055	FORED MADTIN COUNTRY DIFFE DANCE	CTILLDT	1,437
13	2 LTL00330021022	FUPDEADY DATTEDY COMDANY THE	AT ACUITA	522
1/	1 ELDU4300043T	DETCHHOLD CHEMICALC	TACKCONTILLE	231
15	FLD004001323	DOD INC	CATMEGNITTE	110
16	5 FLDUSU/00540	PCR, INC.	DENGY COLY	446 387
15	2 ELD003100340	TOT INDICADITE INC	CI EADWATED	307
10	FLD902100240	AMEGERA CHEEFIELD DIDE CO	WII DWOOD	210
10	FLD0040/59/6	AVESTA SHEFFIELD PIPE CO	MITDMOOD	319
12	7 FLDU0203/390	AYON GIRGUITH ING	TAMPA	301
21	TLD9641/4/06	WAIT DICKEY WORLD CO	TAMPA	295
21	FLD004003470	WALL DISNEL WORLD CO.	TAVE DOENY ATSTA	270
22	FT 2000014303	CADE CANAMEDI AID CENTER	DATE OF A PER	2/3
2.3	1 E1D0040E7636	CAPE CANAVERAL AIR STATION	TACKCOMILLE	202
25	FLD00405/020	TEENCO PACKAGING	ODIANDO	260
25	00000000000000000000000000000000000000	DD OTI COMDANY	TACKGONTITIE	∠55 252
25	7 FID001910332	MONTEO DECENDED DEODITORE INC	UACKSONVILLE	216
20	7 FLD00103/034	CAPPTY VIEW CODD	TAMDA	240
20	FLD30U04/2/1	CAPPTY VIEW CODD	CANEODD	233
2.0	7 FLD3041/1103	DEDUCTEV MANOD COMMEDCIAL DADCEL	CDDING HILL	230
21	1 60/002/002/001	CIDENT CEMICONDUCTOR	ODI VNDO	201
21	L LU300043010	CAPPUV VIERN CODD	ODANCE DADE	100
32	2 FLD90004/214	SAFEII-KLEEN CORP	CATABOXILLE	104
3.2	1 ET DOO 2000027	NOPPERS INDUSTRIES, INC.	GAINESVILLE	104
25	F FLD09290093/	CONCOLLDATED CTAINLESS INC	SI. AUGUSIINE	194
36	14661907060414 C	VILIMAN ENABLISTOMS INC	DIANT CITY	192
3.5	7 100000011140	FIDERA DELIVERD CIRCUITES CODD	CT DETERORITE	191
20	FID00/242104	CAPPTY VIEW CODD	DOVNTON DEACH	177
20	D LTD304101/31	DAFETI-KLEEN CORP	DOCKI EDGE	176
10) FID088346023	ADVANCED OUTCE CIDCUITES I D	MET DOLIDME	170
41	FLD003912900	NAVAL ATP STATION DENIGRACIA	DENGACOLA	174
43	ETD08/1258632	CDFFNMICH AIR GERMICES INC	MIAMI	165
// 12	2 LID304538260	DAD DECEADOU THO	DAIM DAV	161
1/	1 0000000000000000000000000000000000000	FIGETA FENCE DOOT COMPANY INC	OND	160
40	E FID004107017	CODONADO DAINT COMPANY	EDGEMATED	160
45	5 FI.D984175836	GELMAN SCIENCES	DENGACOLA	150
47	7 FI.D058449752	FILM TECHNOLOGIES INT INC	OT DETERGRIPG	147
10	R FT.9170024760	NAVAL GTATION MAYDORT	MAVDORT	1/17
40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MANAT STATION NATIONS	CAL DEALEGRIEGG	142
45) 1440 U 1 1 U C 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AIDUN /OWENG CODNING	DI. PEIERDDURG	110
50) FUDUATA2344T	ALIFITA OWEND CORNING	DAKEDAND	133
TOTAL				200 450

390,460

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES
REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY TONS OF TONS OF TONS OF WASTE HAS BOTH CHARACTERISTIC WASTE WASTE HAS ONLY WASTE CHARACTERISTIC WASTE GENERATED LISTED CODES GENERATED AND LISTED CODES GENERATED CODES ONLY IGNITABLE 9,401 ONLY AN F CODE 3,095 ONLY CORROSIVE
ONLY REACTIVE 175,984 ONLY A K CODE 10,995 14 ONLY A P CODE 56 127

ONLY CORROSIVE 175,984 ONLY A K CODE 10,995
ONLY REACTIVE 14 ONLY A P CODE 56
ONLY D004-17 7,559 ONLY A U CODE 127
ONLY D018-43 202
HAS MORE THAN ONE HAS MORE THAN ONE CHARACTERISTIC CODE 146,552 LISTED CODE 49
TOTAL 339,712 TOTAL 14,322 BOTH CHARACTERISTIC & LISTED 44,483

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	2,373			IGN. W/ AT LEAST 1 LSTD	17,286
HAS CORROSIVE CODE	144,166			CORR. W/ AT LEAST 1 LSTD	219
HAS REACTIVE CODE	198			REACT. W/ AT LEAST 1 LSTD	135
HAS D004-D017 CODE	146,044			D004-17 W/ AT LEAST 1 LSTD	35,163
HAS D018-D043 CODE	2,137			D018-43 W/ AT LEAST 1 LSTD	11,201
		HAS AN F CODE	48	F WASTE W/ AT LEAST 1 CHAR	19,522
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	5,288
		HAS A P CODE	15	P WASTE W/ AT LEAST 1 CHAR	24,878
		HAS A U CODE	35	U WASTE W/ AT LEAST 1 CHAR	26,481
TOTAL	146,552	TOTAL	49	TOTAL	44,483

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.

SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

TONS OF WASTE

FLORIDA

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 46

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 207,560 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

				TONS OF WASIE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	FLD004106811	KAISER ALUMINUM & CHEMICAL CORP	MULBERRY	120,009
2	FLD001447952	UTC, PRATT & WHITNEY	JUPITER	55,897
3	FLD004092839	GULF COAST RECYCLING, INC.	TAMPA	23,811
4	FLD980729610	LAIDLAW ENVIRONMENTAL SERVICES OF BARTOW	BARTOW	4,067
5	FLD980711071	PERMA FIX OF FLORIDA	GAINESVILLE	2,405
6	FLD004065926	ARIZONA CHEMICAL	PANAMA CITY	948
7	FLD984262782	MERCURY TECHNOLOGIES INTERNATIONAL AND	WEST MELBOURNE	321
8	FL0000207449	RECYCLIGHTS, INC.	TALLAHASSEE	59
9	FL0000904300	P-3 INC	TAMPA	22
10	FLD982106429	MASTER PACKAGING, INC	TAMPA	17
11	FL6800014585	NASA - KENNEDY SPACE CENTER	KENNEDY SPACE CENTER	4
12	FLD047096524	PRIMEX TECHNOLOGIES, INC.	ST. MARKS	0
13	FL0000359679	RECYCLIGHTS, INC.	LAKELAND	0

TOTAL 207,560

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	23,458	11.3	5	38.5
SOLVENTS RECOVERY	M021-M029	662	.3	5	38.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	948	.5	1	7.7
FUEL BLENDING	M061	5,830	2.8	2	15.4
STABILIZATION	M111-M119	755	. 4	1	7.7
DEEPWELL / UNDERGROUND INJECTION	M134	175,906	84.7	2	15.4
TOTAL		207,560	100.0	13	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	175,906	84.7	2	15.4
METALS RECOVERY (FOR REUSE)	M011-M019	23,458	11.3	5	38.5
FUEL BLENDING	M061	5,830	2.8	2	15.4
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	948	.5	1	7.7
STABILIZATION	M111-M119	755	. 4	1	7.7
SOLVENTS RECOVERY	M021-M029	662	.3	5	38.5
TOTAL		207,560	100.0	13	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	23,458	11.3	5	38.5
SOLVENTS RECOVERY	M021-M029	662	.3	5	38.5
FUEL BLENDING	M061	5,830	2.8	2	15.4
DEEPWELL / UNDERGROUND INJECTION	M134	175,906	84.7	2	15.4
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	948	.5	1	7.7
STABILIZATION	M111-M119	755	. 4	1	7.7
TOTAL		207,560	100.0	13	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED. COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

FLORIDA

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 370

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 86,783 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME	CITY	SHIPPED (TONS)
1	 FI.D000645481	FMC CORDORATION	.TACKSONVITI.I.F	24 894
2	FI.D083812537	AMEDISTREI: JACKSONNIILE MILL	RAIDWIN	10 516
2	FID003012337	INTO AM PARTEDONMENTAL CERTIFICA OF DARTON	DADDWIN DADTOW	9 221
1	T D 200723010	DEDMA ETY OF FIODIDA	CATNECVITTE	3 106
	EI D000/110/1	ADIZONA CUPMICAI	DANAMA CITY	2 722
6	FLD004003920	CHILF COAST DECYCLING INC	TAMDA	2,732
7	FI.D981474802	IAIDIAW ENVIRONMENTAL SERVICES (TS) INC.	CI.FARWATER	2 491
,	FI.6170024412	NAVAL ATP STATION JACKSONVILLE	TACKGOMATITE	1 881
9	FI.D984171165	CAFFTV-KI.FFN COPD	CANFORD	1 821
10	FID004171103	CAPPTY_KIPPN CORP	DOVNTON DEXCU	1 620
11	FI.D980847271	SAFETY-KLEEN CORP	TAMPA	1 563
12	FI.D095565206	REICHHOLD CHEMICAL INC	DENSACOLA	1 457
13	FI.D980559728	CHEMICAL CONSERVATION CORPORATION	ORI.ANDO	1 219
14	FI.D980847214	SAFETY-KLEEN CORP	ORANGE PARK	1 131
15	FI.D008155673	ATP DEODUCTS AND CHEMICALS INC/FSCAMBIA	DACE	986
16	FI.D982133159	SAFETY-KLEEN CORP	TALLAHASSEE	964
17	FI.D984171694	SAFETY-KLEEN CORP	MEDIEV	963
18	FI.D981932494	CITY ENVIRONMENTAL SERVICES INC	TAMPA	947
19	FI.T970057055	FORMER MARTIN COUNTRY RIFLE RANGE	STIIART	922
20	FI.D043860451	EVEREADY BATTERY COMPANY INC	AT.ACHIIA	591
21	FLD000776716	SAFETY-KLEEN CORP	PORT CHARLOTTE	567
22	FLD004061529	REICHHOLD CHEMICALS	JACKSONVILLE	523
23	FLD050768548	PCR, INC.	GAINESVILLE	448
24	FLD984171611	ARIZONA CHEMICAL	PENSACOLA	387
25	FLD982100240	TSE INDUSTRIES, INC.	CLEARWATER	374
26	FLD064675978	AVESTA SHEFFIELD PIPE CO	WILDWOOD	319
27	FLD082637596	BP OIL COMPANY-TAMPA TERMINAL	TAMPA	301
28	FLD984174706	AXON CIRCUIT, INC	TAMPA	295
29	FL6800014585	NASA - KENNEDY SPACE CENTER	KENNEDY SPACE CENTER	278
30	FLD004065470	WALT DISNEY WORLD CO.	LAKE BUENA VISTA	272
31	FLD004057626	TEENCO PACKAGING	JACKSONVILLE	260
32	FL2800016121	CAPE CANAVERAL AIR STATION	PATRICK AFB	258
33	FLD980838866	TURBINE ENGINE COMPONENTS TEXTRON	ORLANDO	255
34	FLD061916532	BP OIL COMPANY	JACKSONVILLE	252
35	FLD061897054	MONTCO RESEARCH PRODUCTS, INC	HOLLISTER	246
36	FLT970057691	BERKELEY MANOR COMMERCIAL PARCEL	SPRING HILL	211
37	FLD980845010	CIRENT SEMICONDUCTOR	ORLANDO	205
38	FLD004057535	KOPPERS INDUSTRIES, INC.	GAINESVILLE	194
39	FLD982081994	CONSOLIDATED STAINLESS INC	AUBURNDALE	192
40	FLD098917149	ALUMAX EXTRUSIONS, INC	PLANT CITY	191
41	FL9170024567	NAVAL AIR STATION PENSACOLA	PENSACOLA	188
42	FLD067242164	ELREHA PRINTED CIRCUITS CORP	ST. PETERSBURG	180
43	FLD065912966	ADVANCED QUICK CIRCUITS, L.P.	MELBOURNE	174
44	FLD984258632	GREENWICH AIR SERVICES, INC.	MIAMI	163
45	FLD092980937	VAW OF AMERICA, INC	ST. AUGUSTINE	162
46	FLD980838569	FAR RESEARCH, INC.	PALM BAY	161
47	FLD004107017	FLORIDA FENCE POST COMPANY, INC.	ONA	160
48	FLD082400441	CORONADO PAINT COMPANY	EDGEWATER	160
49	FLD984175836	GELMAN SCIENCES	PENSACOLA	153
50	FLD058449752	FILM TECHNOLOGIES INT. INC	ST. PETERSBURG	147
TOTAL		SITE NAME		50 500

78,599

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 21

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 22,640 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

RANK	EPA ID	SITE NAME	CITY	QUANTITY RECEIVED (TONS)
		LAIDLAW ENVIRONMENTAL SERVICES OF BARTOW	PARTON	6 705
				6,705
		LAIDLAW ENVIRONMENTAL SERVICES (TS), INC	CLEARWATER	2,924
-		PERMA FIX OF FLORIDA	GAINESVILLE	2,575
	FLD981932494	CITY ENVIRONMENTAL SERVICES INC.	TAMPA	1,695
5	FLD984171165	SAFETY-KLEEN CORP	SANFORD	1,459
6	FLD984167791	SAFETY-KLEEN CORP	BOYNTON BEACH	1,323
7	FLD980559728	CHEMICAL CONSERVATION CORPORATION	ORLANDO	1,260
8	FLD980847271	SAFETY-KLEEN CORP	TAMPA	1,208
9	FLD984171694	SAFETY-KLEEN CORP	MEDLEY	962
10	FLD980847214	SAFETY-KLEEN CORP	ORANGE PARK	883
11	FLD982133159	SAFETY-KLEEN CORP	TALLAHASSEE	765
12	FLD000776716	SAFETY-KLEEN CORP	PORT CHARLOTTE	446
13	FLD984262782	MERCURY TECHNOLOGIES INTERNATIONAL AND	WEST MELBOURNE	321
14	FL0000207449	RECYCLIGHTS, INC.	TALLAHASSEE	58
15	FL0000904300	P-3 INC	TAMPA	22
16	FL9170024567	NAVAL AIR STATION PENSACOLA	PENSACOLA	14
17	FL6170022952	NAVAL AIR STATION	KEY WEST.	10
18	FLD000823393	UNIVERSITY OF FLORIDA	GAINESVILLE	10
19	FL8570024366	USAF AFDTC/EM	EGLIN AFB	1
20	FL0000359679	RECYCLIGHTS, INC.	LAKELAND	0
21	FLD001447952	UTC, PRATT & WHITNEY	JUPITER	0

TOTAL 22,640

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	401	5.9	4	66.7
SOLVENTS RECOVERY	M021-M029	622	9.1	1	16.7
FUEL BLENDING	M061	5,830	85.1	2	33.3
TOTAL		6,854	100.0	6	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	5,830	85.1	2	33.3
SOLVENTS RECOVERY	M021-M029	622	9.1	1	16.7
METALS RECOVERY (FOR REUSE)	M011-M019	401	5.9	4	66.7
TOTAL		6,854	100.0	6	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	401	5.9	4	66.7
FUEL BLENDING	M061	5,830	85.1	2	33.3
SOLVENTS RECOVERY	M021-M029	622	9.1	1	16.7
TOTAL		6,854	100.0	6	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 7,126 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 80,786 TONS

TOTAL GENERATED

256,242

GEORGIA

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 405

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 275,096 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	SITE NAME GA EPD/ESCAMBIA TREATING COMPANY NUTRASWEET GNB TECHNOLOGIES, INC. MERCK & CO, INC. BIRMINGHAM SOUTHEAST INTERMETRO INDUSTRIES CORP. US ARMY INFANTRY CENTER SOUTHWIRE COPPER DIVISION SEARLE ADVANCED ENV TECHNICAL SERVICES DBA CWM DSM CHEMICALS NORTH AMERICA, INC. MCWHORTER TECHNOLOGIES, INC. GENERAL MOTORS CORP DORAVILLE SHERWIN WILLIAMS MCF SYSTEMS ATLANTA INC LOCKHEED MARTIN AERONAUTICAL SYSTEMS ALTERNATE ENERGY RESOURCES, INC. TRI-STATE STEEL DRUM INC MCLB ALBANY DELTA AIR LINES, INC. RUETGERS-NEASE CORPORATION AUGUSTA, GA. NORAMCO, INC. PPG ARCHITECTURAL FINISHES DELPHI-E ATLANTA ARENA TEXTEK, INC ROBINS AIR FORCE BASE PHOTOCIRCUITS CORPORATION AMERCORD, INC. UNION CAMP - SAVANNAH ATLANTA GAS LIGHT COMPANY- AUGUSTA MGP FORD MOTOR COMPANY MATSUSHITA-ULTRA TECH. BATTERY CORP. LAGRANGE MOULDING COMPANY	CITY	(TONS)
1	CAD0E0766401	CA EDD/ECCAMDIA TREATING COMPANY	DDINGWICK	129 026
2	GAD030700401	MITTA SWEET	AUGUSTA	25 860
3	GAD070330576	GNB TECHNOLOGIES, INC.	COLUMBUS	12.210
4	GAD003324985	MERCK & CO. INC.	ALBANY	11.806
5	GAD030059182	BIRMINGHAM SOUTHEAST	CARTERSVILLE	11.663
6	GAD980842975	INTERMETRO INDUSTRIES CORP.	DOUGLAS	8.457
7	GA3210020084	US ARMY INFANTRY CENTER	FORT BENNING	6,152
8	GAD000814541	SOUTHWIRE COPPER DIVISION	CARROLLTON	4,342
9	GAD039046800	SEARLE	AUGUSTA	4,175
10	GAD096629282	ADVANCED ENV TECHNICAL SERVICES DBA CWM	MORROW	3,921
11	GAD051011609	DSM CHEMICALS NORTH AMERICA, INC.	AUGUSTA	2,946
12	GAD084823301	MCWHORTER TECHNOLOGIES, INC.	FOREST PARK	2,270
13	GAD003310810	GENERAL MOTORS CORP DORAVILLE	DORAVILLE	2,254
14	GAD042869057	SHERWIN WILLIAMS	MORROW	2,186
15	GAD981269095	MCF SYSTEMS ATLANTA INC	DECATUR	2,049
16	GA8570024606	LOCKHEED MARTIN AERONAUTICAL SYSTEMS	MARIETTA	1,883
17	GAD033582461	ALTERNATE ENERGY RESOURCES, INC.	AUGUSTA	1,787
18	GAD033842543	TRI-STATE STEEL DRUM INC	GRAYSVILLE	1,723
19	GA7170023694	MCLB ALBANY	ALBANY	1,307
20	GAD006924872	DELTA AIR LINES, INC.	ATLANTA	1,186
21	GAD000610378	RUETGERS-NEASE CORPORATION AUGUSTA, GA.	AUGUSTA	1,156
22	GAD980726491	NORAMCO, INC.	ATHENS	1,128
23	GAD075876623	PPG ARCHITECTURAL FINISHES	EAST POINT	1,112
24	GAD075942706	DELPHI-E	FITZGERALD	1,100
25	GAR000012633	ATLANTA ARENA	ATLANTA	1,090
26	GAR000009670	TEXTEK, INC	TUCKER	1,039
27	GA1570024330	ROBINS AIR FORCE BASE	WARNER ROBINS	992
28	GAD095811162	PHOTOCIRCUITS CORPORATION	PEACHTREE CITY	946
29	GAD008966400	AMERCORD, INC.	LUMBER CITY	936
30	GAD003275252	UNION CAMP - SAVANNAH	SAVANNAH	890
31	GAD984306092	ATLANTA GAS LIGHT COMPANY- AUGUSTA MGP	AUGUSTA	717
32	GAD003305307	FORD MOTOR COMPANY	HAPEVILLE	687
33	GAD981255276	MATSUSHITA-ULTRA TECH. BATTERY CORP.	COLUMBUS	672
34	GAR000004614	LAGRANGE MOULDING COMPANY	LAGRANGE	659
35	GAUUU1122159	STERLING PULP CHEMICALS	VALDOSTA	640
36	GAD003274545	PRINTPACK, INC.	ATLANTA	577 566
3/	GAD131327540	PIEDMONI LABORATORIES, INC.	GAINESVILLE	458
30	GAD045929043	MARGIGUETTA CHOPAGE PARTERY DIVISION	DALION	442
40	GAD904311000	MAISUSHIIA SIORAGE BAILERI DIVISION	COLUMBOS	438
40	GAD004914767	ALLANIIC WOOD INDUSTRIES, INC.	PORI WENIWORIH	438
41	GAR000011502	CA FDD\MOIITTETF WOOD DEFCEDITING CITTE	WOLLL AD LE WEIDPAITTE	430
12	GMD000220003	CONTIL EXCUENCE THE	CINDEFCRITIE	424
11	CAD003400330	CTAD PHTTPDDTCF	DATNDDIDGE	387
45	GAD04/341331	DUOTOCTECTITE CODDODATION	DENCH TOFF CITY	381
46	GAD003277191	CALLAWAY CHEMICAL COMPANY	SMYRNA	373
47	GAD047958343	TRENT TIBE	CARROLLTON	373
48	GAD051010429	AMRED INC	MARTETTA	337
49	GAD003305125	SAVANNAH PAINT MEG. CO.	SAVANNAH	334
50	GAD000827873	METAL COATERS	MARIETTA	330
30				330
TOTAL		UNION CAMP - SAVANNAH ATLANTA GAS LIGHT COMPANY- AUGUSTA MGP FORD MOTOR COMPANY MATSUSHITA-ULTRA TECH. BATTERY CORP. LAGRANGE MOULDING COMPANY STERLING PULP CHEMICALS PRINTPACK, INC. PIEDMONT LABORATORIES, INC. THE DOW CHEMICAL COMPANY, DALTON, GA MATSUSHITA STORAGE BATTERY DIVISION ATLANTIC WOOD INDUSTRIES, INC. ROGERS FARM GA EPD\MOULTRIE WOOD PRESERVING SITE SCOVILL FASTENERS INC. STAR ENTERPRISE PHOTOCIRCUITS CORPORATION CALLAWAY CHEMICAL COMPANY TRENT TUBE AMREP INC. SAVANNAH PAINT MFG, CO. METAL COATERS		056 040

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS.
GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.
CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	7,193	ONLY AN F CODE	140,446		
ONLY CORROSIVE	1,111	ONLY A K CODE	13,323		
ONLY REACTIVE	6	ONLY A P CODE	209		
ONLY D004-17	33,232	ONLY A U CODE	461		
ONLY D018-43	1,278				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	35,642	LISTED CODE	1,081		
TOTAL	78,461	TOTAL	155,520	BOTH CHARACTERISTIC & LISTED	41,096

5 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE MULTIPLY CODED

TONS OF WASTE GENERATED	ONLY LISTED CODES BUT HAS MORE THAN ONE	TONS OF WASTE GENERATED	BOTH CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
34,021			IGN. W/ AT LEAST 1 LSTD	30,819
29,457			CORR. W/ AT LEAST 1 LSTD	249
121			REACT. W/ AT LEAST 1 LSTD	37
2,904			D004-17 W/ AT LEAST 1 LSTD	10,672
5,544			D018-43 W/ AT LEAST 1 LSTD	11,136
	HAS AN F CODE	1,053	F WASTE W/ AT LEAST 1 CHAR	34,318
	HAS A K CODE	200	K WASTE W/ AT LEAST 1 CHAR	614
	HAS A P CODE	28	P WASTE W/ AT LEAST 1 CHAR	173
	HAS A U CODE	881	U WASTE W/ AT LEAST 1 CHAR	11,354
35,642	TOTAL	1,081	TOTAL	41,096
	WASTE GENERATED 34,021 29,457 121 2,904 5,544	WASTE CODES BUT HAS GENERATED MORE THAN ONE 34,021 29,457 121 2,904 5,544 HAS AN F CODE HAS A F CODE HAS A P CODE HAS A U CODE	WASTE CODES BUT HAS WASTE GENERATED MORE THAN ONE GENERATED	WASTE GENERATED CODES BUT HAS MORE THAN ONE GENERATED CODES 34,021 29,457 121 2,904 5,544 HAS AN F CODE 1,053 F WASTE W/ AT LEAST 1 LSTD D018-43 W/ AT LEAST 1 LSTD D018-43 W/ AT LEAST 1 LSTD D18-43 W/ AT LEAST 1 CHAR HAS A P CODE 28 P WASTE W/ AT LEAST 1 CHAR HAS A U CODE 881 U WASTE W/ AT LEAST 1 CHAR

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.
CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

TONS OF WASTE

GEORGIA

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES:

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 72,558 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	SITE NAME	CITY	MANAGED
1	GAD981237118	NUTRASWEET	AUGUSTA	25,851
2	GAD093380814	CHEMICAL CONSERVATION OF GA INC	VALDOSTA	25,845
3	GAD981269095	MCF SYSTEMS ATLANTA INC	DECATUR	4,086
4	GAD096629282	ADVANCED ENV TECHNICAL SERVICES DBA CWM	MORROW	3,736
5	GAD039046800	SEARLE	AUGUSTA	3,238
6	GAD051011609	DSM CHEMICALS NORTH AMERICA, INC.	AUGUSTA	2,833
7	GAD084823301	MCWHORTER TECHNOLOGIES, INC.	FOREST PARK	2,144
8	GA8570024606	LOCKHEED MARTIN AERONAUTICAL SYSTEMS	MARIETTA	1,782
9	GAD033842543	TRI-STATE STEEL DRUM INC	GRAYSVILLE	1,460
10	GAD033582461	ALTERNATE ENERGY RESOURCES, INC.	AUGUSTA	718
11	GAD070330576	GNB TECHNOLOGIES, INC.	COLUMBUS	468
12	GAD980708788	ALL-PAK, INC.	DECATUR	279
13	GAD003273224	THE WILLIAM L BONNELL, COMPANY INC.	NEWNAN	57
14	GAD001700699	SOLUTIA	AUGUSTA	38
		GDOT PROJECT STP-MS(170) JEFF DAVIS CO	ATLANTA	16
16	GA1570024330	ROBINS AIR FORCE BASE	WARNER ROBINS	5
17	GAD000616367	MKC ENTERPRISES INC	DORAVILLE	2
18	GAD003275252	UNION CAMP - SAVANNAH	SAVANNAH	1

TOTAL 72,558

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.
FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.
CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	1	.0	1	5.6
SOLVENTS RECOVERY	M021-M029	4,268	5.9	6	33.3
INCINERATION	M041-M049	5,381	7.4	2	11.1
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	28,685	39.5	2	11.1
FUEL BLENDING	M061	31,071	42.8	6	33.3
SLUDGE TREATMENT	M101-M109	1,820	2.5	2	11.1
STABILIZATION	M111-M119	1,334	1.8	3	16.7
TOTAL		72,558	100.0	18	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
FUEL BLENDING	M061	31,071	42.8	6	33.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	28,685	39.5	2	11.1
INCINERATION	M041-M049	5,381	7.4	2	11.1
SOLVENTS RECOVERY	M021-M029	4,268	5.9	6	33.3
SLUDGE TREATMENT	M101-M109	1,820	2.5	2	11.1
STABILIZATION	M111-M119	1,334	1.8	3	16.7
METALS RECOVERY (FOR REUSE)	M011-M019	1	.0	1	5.6
TOTAL		72,558	100.0	18	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	31,071	42.8	6	33.3
		- , -		0	
SOLVENTS RECOVERY	M021-M029	4,268	5.9	6	33.3
STABILIZATION	M111-M119	1,334	1.8	3	16.7
INCINERATION	M041-M049	5,381	7.4	2	11.1
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	28,685	39.5	2	11.1
SLUDGE TREATMENT	M101-M109	1,820	2.5	2	11.1
METALS RECOVERY (FOR REUSE)	M011-M019	1	.0	1	5.6
TOTAL		72,558	100.0	18	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

OUANTITY

GEORGIA

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 376

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 253,131 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	GA EPD/ESCAMBIA TREATING COMPANY ADVANCED ENV TECHNICAL SERVICES DBA CWM MERCK & CO, INC. GNB TECHNOLOGIES, INC. BIRMINGHAM SOUTHEAST INTERMETRO INDUSTRIES CORP. US ARMY INFANTRY CENTER SOUTHWIRE COPPER DIVISION GENERAL MOTORS CORP DORAVILLE SHERWIN WILLIAMS MCF SYSTEMS ATLANTA INC ALTERNATE ENERGY RESOURCES, INC. SAFETY-KLEEN CORP NORCROSS MCLB ALBANY TRI-STATE STEEL DRUM INC NORAMCO, INC. DELTA AIR LINES, INC. PPG ARCHITECTURAL FINISHES RUETGERS-NEASE CORPORATION AUGUSTA, GA. UNION CAMP - SAVANNAH DELPHI-E ATLANTA ARENA TEXTEK, INC ROBINS AIR FORCE BASE PHOTOCIRCUITS CORPORATION SEARLE AMERCORD, INC. SAFETY-KLEEN CORP MORROW ATLANTA GAS LIGHT COMPANY- AUGUSTA MGP FORD MOTOR COMPANY MATSUSHITA-ULTRA TECH. BATTERY CORP.	CITY	SHIPPED (TONS)
1	GAD050766401	GA EPD/ESCAMBIA TREATING COMPANY	BRUNSWICK	128,036
2	GAD096629282	ADVANCED ENV TECHNICAL SERVICES DBA CWM	MORROW	14,085
3	GAD003324985	MERCK & CO, INC.	ALBANY	128,036 14,085 11,806
4	GAD070330576	GNB TECHNOLOGIES INC	COLUMBIIS	11,705
5	GAD030059182	RIPMINGHAM SOUTHFAST	CAPTERCUTT.T.F	11,663
6	CAD000000000000000000000000000000000000	THEEDWEED THOUGHDIE CODD	DOLICE A C	10,457
7	CA2210020091	INTERMETRO INDUSTRIES CORF.	FORT DENNITING	6,152
, α	CAD000001	COLUMNITOR CODDED DIVICION	CARROLL TON	4,342
٥	CAD000014341	CENERAL MOTORS CORD DORANTILE	DODAVITTE	2,254
10	GAD003310010	CHERNIN WILLIAMS	MODDOW	2,186
11	GAD042009057	SHERWIN WILLIAMS	MORROW	2,100
11	GAD981269095	MCF SYSTEMS ATLANTA INC	DECATUR	2,049
12	GAD033362461	ALIERNAIE ENERGI RESOURCES, INC.	MODGDOGG	1,656
1.3	GAD980842777	SAFETY-KLEEN CORP NORCROSS	NORCROSS	1,605
14	GA/1/0023694	MCLB ALBANY	ALBANY	1,305
15	GAD033842543	TRI-STATE STEEL DRUM INC	GRAYSVILLE	1,186
16	GAD980726491	NORAMCO, INC.	ATHENS	1,130
17	GAD006924872	DELTA AIR LINES, INC.	A'I'LAN'I'A	1,123
18	GAD075876623	PPG ARCHITECTURAL FINISHES	EAST POINT	1,112
19	GAD000610378	RUETGERS-NEASE CORPORATION AUGUSTA, GA.	AUGUSTA	1,107
20	GAD003275252	UNION CAMP - SAVANNAH	SAVANNAH	1,103
21	GAD075942706	DELPHI-E	FITZGERALD	1,100
22	GAR000012633	ATLANTA ARENA	ATLANTA	1,090
23	GAR000009670	TEXTEK, INC	TUCKER	1,039
24	GA1570024330	ROBINS AIR FORCE BASE	WARNER ROBINS	961
25	GAD095811162	PHOTOCIRCUITS CORPORATION	PEACHTREE CITY	946
26	GAD039046800	SEARLE	AUGUSTA	937
27	GAD008966400	AMERCORD, INC.	LUMBER CITY	914
28	GAD981265424	SAFETY-KLEEN CORP MORROW	MORROW	893
29	GAD984306092	ATLANTA GAS LIGHT COMPANY- AUGUSTA MGP	AUGUSTA	717
30	GAD003305307	FORD MOTOR COMPANY	HAPEVILLE	687
31	GAD981255276	FORD MOTOR COMPANY MATSUSHITA-ULTRA TECH. BATTERY CORP.	COLUMBUS	672
32	GAR000004614	LAGRANGE MOULDING COMPANY	LAGRANGE	659
	~- 0001100150			640
34	GAD131327546	PIEDMONT LABORATORIES, INC.	GAINESVILLE	566
35	GAD045929643	STERLING PULP CHEMICALS PIEDMONT LABORATORIES, INC. THE DOW CHEMICAL COMPANY, DALTON, GA MATSUSHITA STORAGE BATTERY DIVISION SAFETY-KLEEN CORP GARDEN CITY	DALTON	458
36	CAD984311860	MATGIGHTTA GTOPAGE BATTERY DIVISION	COLUMBIIS	442
37	GAD000776781	SAFETY-KLEEN CORP GARDEN CITY	GARDEN CITY	441
38	GAD084914787	ATLANTIC WOOD INDUSTRIES INC	PORT WENTWORTH	438
30	CAP0001911707	POCERS FARM	PFIDQVII.I.F	438
40	CVD000011305	SAFETY-KLEEN CORP GARDEN CITY ATLANTIC WOOD INDUSTRIES, INC. ROGERS FARM GA EPD\MOULTRIE WOOD PRESERVING SITE SCOVILL FASTENERS INC.	MOIII TO TE	432
41	CVD0007700E30	COULT EXCHENEDS INC	CIADVECUTIVE	424
4.7	CND003460330	ODTIMA CUEMICAI	DOLIGI VG	410
12	CVD000033006	CAPPTY KIPPN CODD COLUMBIC	COLUMBIA	396
43	GAD0000623030	CHAR ENHERRORICE	COLUMBUS	390
44	GAD04/341331	DIATE THE GODDOD THICK	DEFOR TIPE CITY	387
45	GAD984318899	PHOTOCIRCUITS CORPORATION	PEACH TREE CITY	381
46	GAD003277191	CALLAWAY CHEMICAL COMPANY	SMYRNA	369
47	GADUU33U5125	SAVANNAH PAINT MFG, CO.	SAVANNAH	353
48	GADU47958343	TRENT TUBE	CARROLLTON	341
49	GAD051010429	AMREP INC.	MARIETTA	337
50	GAD000827873	GA EPD\MOULTRIE WOOD PRESERVING SITE SCOVILL FASTENERS INC. OPTIMA CHEMICAL SAFETY-KLEEN CORP COLUMBUS STAR ENTERPRISE PHOTOCIRCUITS CORPORATION CALLAWAY CHEMICAL COMPANY SAVANNAH PAINT MFG, CO. TRENT TUBE AMREP INC. METAL COATERS	MARIETTA	330
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TOTAL

234,263

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.
STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

STATE MAY HAVE FEWER THAN FIFTY SHIPPERS. CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 12

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 23,378 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

2 GAD096629282 ADVANCED ENV TECHNICAL SERVICES DBA CWM MORROW 3 3 GAD981269095 MCF SYSTEMS ATLANTA INC DECATUR 2	
2 GAD096629282 ADVANCED ENV TECHNICAL SERVICES DBA CWM MORROW 3 3 GAD981269095 MCF SYSTEMS ATLANTA INC DECATUR 2	ONS)
2 GAD096629282 ADVANCED ENV TECHNICAL SERVICES DBA CWM MORROW 3 3 GAD981269095 MCF SYSTEMS ATLANTA INC DECATUR 2	
3 GAD981269095 MCF SYSTEMS ATLANTA INC DECATUR 2	,923
	,734
	,037
4 GAD980842777 SAFETY-KLEEN CORP NORCROSS NORCROSS 1	,177
5 GAD033842543 TRI-STATE STEEL DRUM INC GRAYSVILLE	964
6 GAD981265424 SAFETY-KLEEN CORP MORROW MORROW	652
7 GAD033582461 ALTERNATE ENERGY RESOURCES, INC. AUGUSTA	489
8 GAD000616367 MKC ENTERPRISES INC DORAVILLE	358
9 GAD000776781 SAFETY-KLEEN CORP GARDEN CITY GARDEN CITY	337
10 GAD000823096 SAFETY-KLEEN CORP COLUMBUS COLUMBUS	262
11 GAD041007063 ASHLAND CHEMICAL COMPANY- SAVANNAH, GA SAVANNAH	252
12 GAD980709257 SAFETY-KLEEN CORP MACON MACON	193

TOTAL

23,378

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE. CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	1	.0	1	16.7
SOLVENTS RECOVERY	M021-M029	2,038	10.3	2	33.3
FUEL BLENDING	M061	17,749	89.7	5	83.3
TOTAL		19,787	100.0	6	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	17,749	89.7	5	83.3
SOLVENTS RECOVERY	M021-M029	2,038	10.3	2	33.3
METALS RECOVERY (FOR REUSE)	M011-M019	1	.0	1	16.7
TOTAL		19,787	100.0	6	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	17,749	89.7	5	83.3
SOLVENTS RECOVERY	M021-M029	2,038	10.3	2	33.3
METALS RECOVERY (FOR REUSE)	M011-M019	1	.0	1	16.7
TOTAL		19,787	100.0	6	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 17,983 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 249,910 TONS

NOTE: CBI DATA HAS BEEN EXCLUDED FROM THE STATE DETAIL ANALYSIS VOLUME.

412

GUAM

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 8

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 412 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	SITE NAME	CITY	(TONS)
1	GU4170090027	US FLEET INDUSTRIAL SUPPLY CENTER	FPO	158
2	GU5170022680	USNAVY PUBLIC WORKS CENTER, GUAM	COMNAVMAR	104
3	GU4170090001	USNAVY PUBLIC WORKS GUAM	PITI	53
4	GU4170027334	USNAVY NAVAL SHIP REPAIR FACILITY, GUAM	SUMAY	41
5	GU7170027323	USNAVY COMMANDER NAVAL FORCES	SANTA RITA	28
6	GU6571999519	USAF ANDERSEN AIR FORCE BASE	YIGO	24
7	GU0170090021	USNAVY NCTAMS WESTPAC	101 FPO AP	4
8	GUD982469462	GUAM MEMORIAL HOSPITAL AUTHORITY	TAMUNING	0

TOTAL

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	174	ONLY AN F CODE	21		
ONLY CORROSIVE	4	ONLY A K CODE	0		
ONLY REACTIVE	1	ONLY A P CODE	0		
ONLY D004-17	108	ONLY A U CODE	6		
ONLY D018-43	3				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	88	LISTED CODE	0		
TOTAL	378	TOTAL	2.7	BOTH CHARACTERISTIC & LISTED	7

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	82			IGN. W/ AT LEAST 1 LSTD	1
HAS CORROSIVE CODE	7			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	30			REACT. W/ AT LEAST 1 LSTD	1
HAS D004-D017 CODE	74			D004-17 W/ AT LEAST 1 LSTD	6
HAS D018-D043 CODE	22			D018-43 W/ AT LEAST 1 LSTD	0
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	6
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	1
TOTAL	88	TOTAL	0	TOTAL	7

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

- 6 NUMBER OF RCRA TSD FACILITIES: 1
- 7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 0 TONS

TABLES 8, 9, 10 AND 11 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN GUAM THAT REPORTED MANAGING RCRA HAZARDOUS WASTE IN 1997 OTHER THAN AS A STORAGE ONLY FACILITY.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 7

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 302 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	SHIPPED (TONS)
1	GU4170090027	US FLEET INDUSTRIAL SUPPLY CENTER	FPO	158
2	GU4170090001	USNAVY PUBLIC WORKS GUAM	PITI	48
3	GU4170027334	USNAVY NAVAL SHIP REPAIR FACILITY, GUAM	SUMAY	40
4	GU7170027323	USNAVY COMMANDER NAVAL FORCES	SANTA RITA	28
5	GU6571999519	USAF ANDERSEN AIR FORCE BASE	YIGO	24
6	GU0170090021	USNAVY NCTAMS WESTPAC	101 FPO AP	4
7	GUD982469462	GUAM MEMORIAL HOSPITAL AUTHORITY	TAMUNING	0

TOTAL 302

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

TABLES 16, 17, 18, 19, 20, AND 21 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN GUAM THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE IN 1997.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 14 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 41

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 7,241 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

NK	EPA ID	SITE NAME GAS CO THE BHP PETROLEUM AMERICAS REFINING INC USNAVY NAVAL MAGAZINE LUALUALEI CHEVRON PRODUCTS CO HAWAII REFINERY USNAVY SUBASE PEARL HARBOR USMC COMMANDING GENERAL LEHH KANEOHE BAY USNAVY FLEET AND INDUSTRIAL SUPPLY CTR USNAVY PEARL HARBOR SHIPYARD USAF - HICKAM AFB HI USNAVY PWC PEARL FORD ISLAND/RICHARDSON USNAVY PWC, PEARL HARBOR NAVAL COMPLEX HAWAII STATE OF DOH HEER USCG ISC HONOLULU USNAVY FLEET AND INDUSTRIAL SUPPLY QUEENS MEDICAL CENTER USARMY SCHOFIELD BARRACKS BHP PETROLEUM AMERICAS REFINING INC USNAVY PWC PEARL MAKALAPA COMPOUND USARMY TRIPLER MEDICAL CENTER USARMY TRIPLER MEDICAL CENTER USNAVY NAS BARBERS POINT UNIVERSITY OF HAWAII KAMEHAMEHA SCHOOLS	CITY	TOTAL GENERATE: (TONS)
1	HID066272360	GAS CO THE	KAPOLEI	6,24
2	HID056786395	BHP PETROLEUM AMERICAS REFINING INC	KAPOLEI	27
3	HI9170090006	USNAVY NAVAL MAGAZINE LUALUALEI	EWA BEACH	11
4	HIT160010005	CHEVRON PRODUCTS CO HAWAII REFINERY	KAPOLEI	9
5	HI3170024340	USNAVY SUBASE PEARL HARBOR	PEARL HARBOR	6
6	HI6170022762	USMC COMMANDING GENERAL LEHH KANEOHE BAY	KANEOHE BAY	5
7	HI4170090001	USNAVY FLEET AND INDUSTRIAL SUPPLY CTR	PEARL HARBOR	5
8	HI6170024339	USNAVY PEARL HARBOR SHIPYARD	PEARL HARBOR	4
9	HI8570028722	USAF - HICKAM AFB HI	HICKAM AFB	3
10	HI0000449199	USNAVY PWC PEARL FORD ISLAND/RICHARDSON	PEARL HARBOR	3
11	HI1170024334	USNAVY PWC, PEARL HARBOR NAVAL COMPLEX	PEARL HARBOR	3
12	HIR000000810	HAWAII STATE OF DOH HEER	HONOLULU	2
13	HI8690390036	USCG ISC HONOLULU	HONOLULU	2
14	HI1170024342	USNAVY FLEET AND INDUSTRIAL SUPPLY	PEARL HARBOR	1
15	HID157773284	OUEENS MEDICAL CENTER	HONOLULU	1
16	HI3210022239	USARMY SCHOFIELD BARRACKS	SCHOFIELD BARRACKS	1
17	HID980735443	BHP PETROLEUM AMERICAS REFINING INC	HONOLULU	1
18	HI0170090005	USNAVY PWC PEARL MAKALAPA COMPOUND	PEARL HARBOR	
19	HI9210022241	USARMY TRIPLER MEDICAL CENTER	TRIPLER ARMY MEDICAL CTR	
20	HI1170024326	USNAVY NAS BARBERS POINT	BARBERS POINT	
21	HID087190542	UNIVERSITY OF HAWAII	HONOLULU	
22	HID981616469	KAMEHAMEHA SCHOOLS	HONOLULU	
23	HID059472357	UNIVERSITY OF HAWAII KAMEHAMEHA SCHOOLS BREWER CHEM CORP COSTCO WHOLESALE #11	HONOLULU	
24	HIR000000224	COSTCO WHOLESALE #11	HONOLULU	
25	HI6170024719	USNAVY PACIFIC MISSILE RANGE FACILITY	KEKAHA	
26	HI0000880542	COSTCO WHOLESALE #120	HONOLULU	
27	HI6170024388	USNAVY COMPUTER AND TELECOMMUNICATIONS	WAHIAWA	
		COSTCO WHOLESALE #119	KAHALUI, MAUI	
29	HID009198797	HONOLULU WOOD TREATING CO LTD	KAPOLEI	
30	HI8170090015	USNAVY MAGAZINE LUALUALEI HQ BRANCH	WAIANAE	
		USMC COMMANDING GENERAL LEHH KANEOHE BAY	PEARL CITY	
32	HI1170090004	USNAVY PWC BARBERS POINT	BARBERS POINT	
33	HID982025561	USNAVY PWC BARBERS POINT HAWAIIAN AIRLINES INC COSTCO WHOLESALE #140	HONOLULU	
34	HIR000000232	COSTCO WHOLESALE #140	KALUA KONA	
		USARMY GARRISON SCHOFIELD BARRACKS	SCHOFIELD BARRACKS	
36	HID000633081	TOSCO HONOLULU TERMINAL	HONOLULU	
37	HI3570028719	USAF - BELLOWS AFS HI	WAIMANALO	

TOTAL

7,241

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	80	ONLY AN F CODE	93		
ONLY CORROSIVE	6,253	ONLY A K CODE	74		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	259	ONLY A U CODE	0		
ONLY D018-43	184				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	266	LISTED CODE	0		
TOTAL	7,041	TOTAL	167	BOTH CHARACTERISTIC & LISTED	33

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	252			IGN. W/ AT LEAST 1 LSTD	16
HAS CORROSIVE CODE	19			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	175			REACT. W/ AT LEAST 1 LSTD	3
HAS D004-D017 CODE	187			D004-17 W/ AT LEAST 1 LSTD	8
HAS D018-D043 CODE	50			D018-43 W/ AT LEAST 1 LSTD	21
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	27
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	9
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	6
TOTAL	266	TOTAL	0	TOTAL	33

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

99

HAWAII

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 3

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 99 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK EPA ID SITE NAME CITY MANAGED

1 HIT000603514 UNITEK ENVIRONMENTAL SERVICES, INC. KAPOLEI 99

TOTAL

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	99	100.0	1	100.0
TOTAL		99	100.0	1	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	99	100.0	1	100.0
TOTAL		99	100.0	1	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	99	100.0	1	100.0
TOTAL		99	100.0	1	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 34

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 2,548 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

	EPA ID	-	CITY	QUANTITY SHIPPED (TONS)
		UNITEK ENVIRONMENTAL SERVICES, INC.		1,368
1	HIIUUUUUU3314	BHP PETROLEUM AMERICAS REFINING INC	KAPOLET	279
2	HIDUS0/00395	USNAVY PWC, PEARL HARBOR NAVAL COMPLEX	KAPOLEI	279
3	H111/0024334	USNAVI PWC, PEARL HARBOR NAVAL COMPLEX USNAVY NAVAL MAGAZINE LUALUALEI	PEARL HARBUR	114
4	H191/0090006	CHEVRON PRODUCTS CO HAWAII REFINERY	EWA BEACH	92
_				
	HISI/0024340	USMC COMMANDING GENERAL LEHH KANEOHE BAY	PEARL HARDOR	56
,	HI01/0022/02	USMC COMMANDING GENERAL LEAR RANGORE BAI	CANEOUE DAI	51
	1116170090001	USNAVI FLEEI AND INDUSTRIAL SUPPLI CIR	PEARL HARDOR	42
1.0	11101/0024339	USNAVI PEARL HARBOR SHIPIARD	PEARL HARBOR	37
11	H105/UU20/22	USAF - HICKAM AFB HI	DEADT HADDOD	37
1.2	UTD0000449199	UNWATT CTATE OF DOU UPED	HONOT III II	28
13	HIK000000010	HAWAII STATE OF DON HEEK	HONOLULU	25
1/	UT11700203	IICNATA ELEET AND INDICTETAL CUDDIA	DEADT HADDOD	17
15	HILL/0024342	OHERNO MEDICAL CENTED	HONOTHILL	15
16	HT301000003	UCENS MEDICAL CENTER	SCHOFIFID BAPPACKS	14
17	UTD000735443	DUD DETECT FILM AMEDICAS DEFINITIOS INC	HONOT III II	12
1 9	UT01700000	TIGNATIV DWG DEADT MAKATADA COMPOTIND	DEADT HADDOD	9
10	UTQ210020003	USMAYY SUBASE PEARL HARBOR USMC COMMANDING GENERAL LEHH KANEOHE BAY USNAYY FLEET AND INDUSTRIAL SUPPLY CTR USNAVY PEARL HARBOR SHIPYARD USAF - HICKAM AFB HI USNAVY PWC PEARL FORD ISLAND/RICHARDSON HAWAII STATE OF DOH HEER USCG ISC HONOLULU USNAVY FLEET AND INDUSTRIAL SUPPLY QUEENS MEDICAL CENTER USARMY SCHOFIELD BARRACKS BHP PETROLEUM AMERICAS REFINING INC USNAVY PWC PEARL MAKALAPA COMPOUND USARMY TRIPLER MEDICAL CENTER USNAVY NAS BARBERS POINT KAMEHAMEHA SCHOOLS GAS CO THE BREWER CHEM CORP UNIVERSITY OF HAWAII USNAVY PACIFIC MISSILE RANGE FACILITY HONOLULU WOOD TREATING CO LTD USNAVY COMPUTER AND TELECOMMUNICATIONS USNAVY MAGAZINE LUALUALEI HQ BRANCH USMC COMMANDING GENERAL LEHH KANEOHE BAY HAWAIIAN AIRLINES INC	TOTOTED ADMY MEDICAL CTD	8
20	HT1170024326	HIGHALV MAG BARRERS DOINT	RAPRERS DOINT	7
21	HTD981616469	KAMEHAMEHA SCHOOLS	HONOLULUI	6
22	HID066272360	GAS CO THE	KAPOLET	5
23	HTD059472357	BREWER CHEM CORP	HONOLIILII	5
24	HTD087190542	INTUERSITY OF HAWATT	HONOLILLI	4
25	HT6170024719	IISNAVV DACTETO MISSILE PANGE FACTILTY	KEKYHY	4
26	HID009198797	HONOLULU WOOD TREATING CO LTD	KAPOLET	4
27	HT6170024388	USNAVY COMPUTER AND TELECOMMUNICATIONS	WAHTAWA	3
2.8	HT8170090015	USNAVY MAGAZINE LUALUALET HO BRANCH	WATANAE	2
29	HTP000033894	USMC COMMANDING GENERAL LEHH KANEOHE BAY	PEARL CITY	2
3.0	HTD982025561	HAWAIIAN AIRLINES INC USNAVY PWC BARBERS POINT	HONOLULUI	2
31	HI1170090004	USNAVY PWC BARBERS POINT	BARBERS POINT	2
32	HI0000243618	USARMY GARRISON SCHOFIELD BARRACKS	SCHOFIELD BARRACKS	1
33	HID000633081	TOSCO HONOLULU TERMINAL	HONOLULU	0
34	HI3570028719	USARMY GARRISON SCHOFIELD BARRACKS TOSCO HONOLULU TERMINAL USAF - BELLOWS AFS HI	WAIMANALO	0

TOTAL 2,548

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 2

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 525 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

			OTTANIEL ENV
			QUANTITY
RANK EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1 HIT000603514	UNITEK ENVIRONMENTAL SERVICES, INC.	KAPOLEI	324
2 HI1170024334	USNAVY PWC, PEARL HARBOR NAVAL COMPLEX	PEARL HARBOR	201

TOTAL

525

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	99	100.0	1	100.0
TOTAL		99	100.0	1	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
SOLVENTS RECOVERY	M021-M029	99	100.0	1	100.0
TOTAL		99	100.0	1	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF OUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
	TIFE CODE		QUANTITI		
SOLVENTS RECOVERY	M021-M029	99	100.0	1	100.0
TOTAL		99	100.0	1	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 23 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 2,210 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 48

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 1,014,825 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

	EPA ID	SITE NAME	CITY	TOTAL GENERATED (TONS)
		FMC CORP PHOSPHORUS CHEMICALS	POCATELLO	1,010,394
		US DOE ID NATIONAL ENVIRO & ENGINEERING		1,005
		ENVIROSAFE SERVICES OF IDAHO, INC SITE B		675
		MICRON TECHNOLOGY, INC.	BOISE	661
		BLOUNT INC-SEG-CCI OPERATION	LEWISTON	556
		WAREMART CONSTRUCTION	BOISE	450
	ID0000285106		POST FALLS	341
		AMERICAN MICROSYSTEMS LOC INC	POCATELLO	158
		ADVANCED INPUT DEVICES-PRIEST RIVER	PRIEST RIVER	98
		ZILOG INC NB1	NAMPA	80
		SIMPLOT SOILBUILDERS-SHELLEY SITE	SHELLEY	57
		BUNKER HILL INDUSTRIAL COMPLEX	KELLOGG	56
		BLOUNT INC SOUTHPORT OPERATION	LEWISTON	49
		ZILOG INC NB2	NAMPA	47
	ID3572124557		MOUNTAIN HOME AFB	37
	IDD113391775	IDAHO CIRCUIT TECHNOLOGY	GLENNS FERRY	23
		BLOUNT INC SEG SPEER OPERATION	LEWISTON	17
		BOISE LOCOMOTIVE COMPANY	BOISE	16
		HEWLETT PACKARD	BOISE	12
		VAN WATERS & ROGERS NAMPA	NAMPA	10
		LAPWAI SCH DIST PHINNEY BLDG	LAPWAI	9
		UNIVERSITY OF IDAHO	MOSCOW	8
23	IDR000002709	JACKLIN SEED COMPANY	NEZPERCE	8
24	IDD009061375	POTLATCH CORP	LEWISTON	7
		BOISE TERMINAL& STATION-CHEVRON PIPELINE		6
		LYNN INDUSTRIAL COATING	BOISE	5
27	IDR000002667	BURLINGTON N & SANTA FE RR	SPIRIT LAKE	5
28	IDR00000109	ID ST OF DEPT OF AG CALDWELL IDOT	CALDWELL	4
29	IDR000002477	USEPA CLEANUP EASTERN IDAHO FLOODS	IDAHO FALLS	4
30	IDR000002279	ADA COUNTY RISK MANAGEMENT	BOISE	4
31	IDD984674622	IDAHO STATE DEPT. OF AG. E ID	BLACKFOOT	4
32	IDD009062597	L D MCFARLAND CO	SANDPOINT	3
33	IDR000002469	USDA FS CHALLIS RANGER DIST	CHALLIS	2
34	IDR000002253	ID ST DEPT OF AG LATAH COFG	MOSCOW	2
35	IDD984675124	IDAHO STATE DEPT. OF AG-JERO	JEROME	2 2
36	IDR000001578	UTAH POWER & LIGHT RIGBY	RIGBY	
37	ID0000309484	ID ST OF DEPT OF AG LEWISTON NP COFG	LEWISTON	2
38	IDD000467274	SIMPLOT SOILBUILDERS-WILDER	WILDER	1
39	IDR000002311	JEROME COUNTY EMS	JEROME	1
	IDR000002238	IDAHO ST DEPT OF AG BOUNDARY COFG	BONNERS FERRY	1
	IDR000002261	IDAHO ST DEPT OF AG PLANT IN LAB	BOISE	1
	ID0000312926	IDAHO STATE OF DEPT OF AG CDA TRANS STA	COEUR D ALENE	1
			BOISE	1
		ID ST DEPT. OF AG. GOODING	GOODING	0
45	IDR000002246	IDAHO ST DEPT OF AG GRANGEV IDOT	GRANGEVILLE	0

TOTAL

1,014,825

TOTAL GENERATED

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY CHARACTERISTIC	TONS OF WASTE	WASTE HAS ONLY	TONS OF WASTE	WASTE HAS BOTH CHARACTERISTIC	TONS OF WASTE
CODES	GENERATED	LISTED CODES	GENERATED	AND LISTED CODES	GENERATED
ONLY IGNITABLE	166	ONLY AN F CODE	1,219		
ONLY CORROSIVE	30	ONLY A K CODE	65		
ONLY REACTIVE	619,674	ONLY A P CODE	59		
ONLY D004-17	543	ONLY A U CODE	14		
ONLY D018-43	29				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	391,155	LISTED CODE	2		
TOTAL	1,011,598	TOTAL	1,359	BOTH CHARACTERISTIC & LISTED	1,866

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	190,481			IGN. W/ AT LEAST 1 LSTD	1,084
HAS CORROSIVE CODE	60			CORR. W/ AT LEAST 1 LSTD	377
HAS REACTIVE CODE	391,025			REACT. W/ AT LEAST 1 LSTD	8
HAS D004-D017 CODE	390,789			D004-17 W/ AT LEAST 1 LSTD	1,125
HAS D018-D043 CODE	60			D018-43 W/ AT LEAST 1 LSTD	876
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	1,852
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	2	P WASTE W/ AT LEAST 1 CHAR	387
		HAS A U CODE	2	U WASTE W/ AT LEAST 1 CHAR	401
TOTAL	391,155	TOTAL	2	TOTAL	1,866

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES:

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 1,093,366 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

		INIDIAL THE THE THE THE THOU THE THOU THE TELL THE THE TELL THE TE		
				TONS OF WASTE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	IDD070929518	FMC CORP PHOSPHORUS CHEMICALS	POCATELLO	1,010,329
2	IDD073114654	ENVIROSAFE SERVICES OF IDAHO, INC SITE B	GRAND VIEW	83,014
3	ID4890008952	US DOE ID NATIONAL ENVIRO & ENGINEERING	SCOVILLE	23
4	IDD980976831	BOISE LOCOMOTIVE COMPANY	BOISE	1

TOTAL

1,093,366

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE. FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
SOLVENTS RECOVERY	M021-M029	9	.0	2	50.0
INCINERATION	M041-M049	10	.0	1	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	0	.0	1	25.0
STABILIZATION	M111-M119	79,436	7.3	2	50.0
LANDFILL	M132	2,298	. 2	1	25.0
SURFACE IMPOUNDMENT	M133	1,011,613	92.5	2	50.0
TOTAL		1,093,366	100.0	4	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SURFACE IMPOUNDMENT STABILIZATION	M133 M111-M119	1,011,613	92.5	2 2	50.0 50.0
LANDFILL	M132	2,298	. 2	1	25.0
INCINERATION	M041-M049	10	.0	1	25.0
SOLVENTS RECOVERY	M021-M029	9	.0	2	50.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	0	.0	1	25.0
TOTAL		1,093,366	100.0	4	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	OUANTITY	FACILITIES	FACILITIES
SURFACE IMPOUNDMENT	M133	1,011,613	92.5	2	50.0
SOLVENTS RECOVERY	M021-M029	9	.0	2	50.0
STABILIZATION	M111-M119	79,436	7.3	2	50.0
LANDFILL	M132	2,298	.2	1	25.0
INCINERATION	M041-M049	10	.0	1	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	0	.0	1	25.0
TOTAL		1,093,366	100.0	4	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

2,845

IDAHO

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 45

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 2,845 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
1	 IDD093120871	SITE NAME MICRON TECHNOLOGY, INC.	BOISE	616
2	IDD009066481	BLOUNT INC-SEG-CCI OPERATION		553
			BOISE	360
	ID0000285106		POST FALLS	341
		US DOE ID NATIONAL ENVIRO & ENGINEERING		165
6	IDD053798104	AMERICAN MICROSYSTEMS LOC INC	POCATELLO	164
7	IDD980835995	ADVANCED INPUT DEVICES-PRIEST RIVER	PRIEST RIVER	97
8	IDD097762231	ZILOG INC NB1	NAMPA	72
9	IDD070929518	FMC CORP PHOSPHORUS CHEMICALS	POCATELLO	66
10	IDD000757013	SIMPLOT SOILBUILDERS-SHELLEY SITE	SHELLEY	57
11	IDR00001008	BUNKER HILL INDUSTRIAL COMPLEX	KELLOGG	56
12	ID0000309583	ZILOG INC NB2	NAMPA	50
13	IDD984669424	BLOUNT INC SOUTHPORT OPERATION	LEWISTON	50
14	ID3572124557	USAF MOUNTAIN HOME BASE	NAMPA LEWISTON MOUNTAIN HOME AFB GLENNS FERRY LEWISTON	37
15	IDD113391775	IDAHO CIRCUIT TECHNOLOGY	GLENNS FERRY	25
16	IDD984666669	BLOUNT INC SEG SPEER OPERATION	LEWISTON	18
17	IDD980976831	BOISE LOCOMOTIVE COMPANI	DOISE	17
18	IDD990727471	HEWLETT PACKARD	BOISE	12
19	IDD113392880	VAN WATERS & ROGERS NAMPA	NAMPA	10
20	IDR000002550	LAPWAI SCH DIST PHINNEY BLDG	LAPWAI	9
21	IDD075746271	UNIVERSITY OF IDAHO	MOSCOW	8
22	IDR000002709	JACKLIN SEED COMPANY	NEZPERCE	8
23	IDD009061375	POTLATCH CORP LYNN INDUSTRIAL COATING	LEWISTON	7
24	IDD037780186	LYNN INDUSTRIAL COATING	BOISE	7
25	IDD000641944	BOISE TERMINAL& STATION-CHEVRON PIPELINE		4
		ID ST OF DEPT OF AG CALDWELL IDOT		4
			IDAHO FALLS	4
	IDR000002279		BOISE	4
			BLACKFOOT	4
		L D MCFARLAND CO	SANDPOINT MOSCOW	3
				2
			CHALLIS	2
		IDAHO STATE DEPT. OF AG-JERO	JEROME	2
		UTAH POWER & LIGHT RIGBY	RIGBY	2
		ID ST OF DEPT OF AG LEWISTON NP COFG	LEWISTON	2
		SIMPLOT SOILBUILDERS-WILDER	WILDER	1
		JEROME COUNTY EMS	JEROME	1
		IDAHO ST DEPT OF AG BOUNDARY COFG	BONNERS FERRY	1
		IDAHO ST DEPT OF AG PLANT IN LAB	BOISE	1
		IDAHO STATE OF DEPT OF AG CDA TRANS STA		1 1
		ENVIROSAFE SERVICES OF IDAHO, INC SITE B		
		YMC MECH INC MICRON TECHNOLOGY CONSTRUCT		1
	IDD000602631		IDAHO FALLS	0
		ID ST DEPT. OF AG. GOODING	GOODING	0
	IDKUUUUU2246	IDAHO ST DEPT OF AG GRANGEV IDOT	GRANGEVILLE	U
DTAL				2.045

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 3

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 82,019 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

			QUANTITY
RANK EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1 IDD073114654	ENVIROSAFE SERVICES OF IDAHO, INC SITE B	GRAND VIEW	81,713
2 IDD981770498	SAFETY-KLEEN CORP-BOISE	BOISE	300
3 ID4890008952	US DOE ID NATIONAL ENVIRO & ENGINEERING	SCOVILLE	6

TOTAL 82,019

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	6	.0	1	50.0
STABILIZATION	M111-M119	79,416	97.2	1	50.0
LANDFILL	M132	2,297	2.8	1	50.0
TOTAL		81,719	100.0	2	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION	M111-M119	79,416	97.2	1	50.0
LANDFILL	M132	2,297	2.8	1	50.0
INCINERATION	M041-M049	6	.0	1	50.0
TOTAL		81,719	100.0	2	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LANDFILL	M132	2,297	2.8	1	50.0
INCINERATION	M041-M049	6	.0	1	50.0
STABILIZATION	M111-M119	79,416	97.2	1	50.0
TOTAL		81,719	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 81,100 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 2,147 TONS

TOTAL GENERATED

ILLINOIS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 1,058

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 2,201,025 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	SITE NAME	CITY	(TONS)
1	 ILD064403199	MOBIL OIL CORP	JOLIET	1,015,073
2	ILD080012305	EQUILON ENTERPRISES	ROXANA	283,807
3	ILD005119839	US FILTER/IWT	ROCKFORD	143,306
4	ILD006278170	ALLIED-SIGNAL INC	METROPOLIS	102.747
5	TLD005263157	NORTHWESTERN STEEL & WIRE #2	STERLING	80.738
6	ILD000805812	PEORIA DISPOSAL CO INC	PEORIA	74.805
7	ILD005070537	CATERPILLAR INC	JOLIET	55.605
8	TI-D000781591	LTV STEEL CO	HENNEPIN	43.738
9	TLD005732371	MODERN DIATING CORP-DIANT 2	FREEDORT	26 506
10	TLD003172325	AIRTEX PRODUCTS	FATRETELD	26,000
11	TLD980613913	SAFETY-KLEEN ENVIRONSYSTEMS CO	DOLTON	24 382
12	TLD005476882	MARATHON ASHLAND PETROLEUM LLC	ROBINSON	21,832
13	TI.D005170002	OHALTTY METAL FINISHING CO	RYPON	18 783
1.4	110000213421	TOADE WACTE INCINEDATION INC	CALICET	10,703
15	TI TI 00012424	NODELIEDN MEETAL EINICHTMA	DOCKEODD	14 746
16	TTTT000133E6	NORTHERN METAL CINISHING	CHICACO	14,740
17	TTD043013730	PRECOAL METALS	COLCAGO	13,290
1 /	TTD00040007	ADDORE LADODARDDIEG	BOURBONNAIS	12,151
18	TLD055409940	ABBOTT LABORATORIES	NORTH CHICAGO	10,965
19	1LD000/14881	KEYSTONE STEEL & WIRE CO	BARTONVILLE	10,839
20	ILD006280606	LACLEDE STEEL COMPANY	ALTON	10,722
21	1LD0/45/3163	ALUMAX EXTRUSIONS	WEST CHICAGO	10,3/2
22	ILD054236443	3M COMPANY	CORDOVA	8,090
23	ILD005078126	EQUISTAR CHEMICALS LP	TUSCOLA	7,278
24	ILD056623598	LTV STEEL-CHICAGO WKS	CHICAGO	5,602
25	ILD003934569	NATIONAL STARCH & CHEMICAL	MEREDOSIA	5,587
26	ILD062499272	LAROCHE INDUSTRIES INC	CHICAGO HEIGHTS	5,189
27	ILR000024646	DUQUOIN MGP SITE	DUQUOIN	5,189
28	ILD981093180	JLM CHEMICALS INC	ALSIP	4,737
29	IL5140090221	PRIMEX TECHNOLOGIES INC-MARION	MARION	4,555
30	ILD981196843	CP SYSTEMS INC	CHICAGO	4,078
31	ILD984820191	EAKAS CORPORATION	PERU	3,376
32	ILD065873630	AUSTEEL LEMONT CO INC	LEMONT	3,359
33	ILD049297765	ZENITH ELECTRONICS CORP	MELROSE PARK	3,274
34	ILD984817593	AAA GALVANIZING INC	JOLIET	2,676
35	ILD005164611	KOPPERS INDUSTRIES INC	CICERO	2,630
36	ILD070012265	EMPIRE GALVANIZING	FRANKLIN PARK	2,530
37	ILD980682447	READETTE & DUNN PLATERS	ROCKFORD	2,509
38	ILD069496248	HANNAH MARINE CORP	LEMONT	2,342
39	ILD085013449	SALEM GRAVURE	SALEM	2,090
40	ILR000009795	BOEING PRECISION GEAR INC	BEDFORD PARK	2.074
41	ILD000814780	CP CLARE CORP	CHICAGO	2,035
42	ILD005072517	AMERICAN NICKELOID CO	PERU	1.884
43	ILD005450697	SAFETY-KLEEN CORP	CHICAGO	1.749
44	TLD005229448	NEW MORTON	LANSING	1.615
45	TLD002525723	VALSPAR COATINGS	KANKAKEE	1.608
46	ILD005083316	MCWHORTER EAST -FORMER CARGILL	CARPENTERSVILLE	1.539
47	ILD051093367	SUN CHEMICAL CORP	NORTHLAKE	1.498
48	TLD005203476	DEANSTIEHI, LARS INC	WAIIKEGAN	1 438
40	TI.D0003203470	TOYAL AMERICA INC	I.OCK PORT	1 206
50	ILD006147342	PFANSTIEHL LABS INC TOYAL AMERICA INC CHAMPION LABORATORIES INC	WEST SALEM	1,366
TOTAL		MOBIL OIL CORP EQUILON ENTERPRISES US FILTER/IWT ALLIED-SIGNAL INC NORTHWESTERN STEEL & WIRE #2 PEORIA DISPOSAL CO INC CATERPILLAR INC LTV STEEL CO MODERN PLATING CORP-PLANT 2 AIRTEX PRODUCTS SAFETY-KLEEN ENVIRONSYSTEMS CO MARATHON ASHLAND PETROLEUM LLC QUALITY METAL FINISHING CO TRADE WASTE INCINERATION INC NORTHERN METAL FINISHING PRECOAT METALS BIRMINGHAM STEEL CORP KANKAKEE ABBOTT LABORATORIES KEYSTONE STEEL & WIRE CO LACLEDE STEEL COMPANY ALUMAX EXTRUSIONS 3M COMPANY EQUISTAR CHEMICALS LP LTV STEEL-CHICAGO WKS NATIONAL STARCH & CHEMICAL LAROCHE INDUSTRIES INC DUQUOIN MGP SITE JLM CHEMICALS INC PRIMEX TECHNOLOGIES INC-MARION CP SYSTEMS INC EAKAS CORPORATION AUSTEEL LEMONT CO INC ZENITH ELECTRONICS CORP AAA GALVANIZING INC KOPPERS INDUSTRIES INC EMPIRE GALVANIZING READETTE & DUNN PLATERS HANNAH MARINE CORP SALEM GRAVURE BOEING PRECISION GEAR INC CP CLARE CORP AMERICAN NICKELOID CO SAFETY-KLEEN CORP NEW MORTON VALSPAR COATINGS MCWHORTER EAST -FORMER CARGILL SUN CHEMICAL CORP PFANSTIEHL LABS INC TOYAL AMERICA INC CHAMPION LABORATORIES INC		2 112 250

2,112,250

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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 ONLY CORROSIVE ONLY REACTIVE ONLY D004-17 ONLY D018-43	19,999 431,985 15,211 154,556 13,564	ONLY AN F CODE ONLY A K CODE ONLY A P CODE ONLY A U CODE	43,479 207,268 537 780		
HAS MORE THAN ONE CHARACTERISTIC CODE TOTAL	1,145,189 1,780,503	HAS MORE THAN ONE LISTED CODE TOTAL	13,961 266,025	BOTH CHARACTERISTIC & LISTED	154,142

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	1,030,271			IGN. W/ AT LEAST 1 LSTD	82,853
HAS CORROSIVE CODE	116,266			CORR. W/ AT LEAST 1 LSTD	7,669
HAS REACTIVE CODE	4,040			REACT. W/ AT LEAST 1 LSTD	36,635
HAS D004-D017 CODE	117,597			D004-17 W/ AT LEAST 1 LSTD	60,596
HAS D018-D043 CODE	1,031,028			D018-43 W/ AT LEAST 1 LSTD	24,590
		HAS AN F CODE	13,961	F WASTE W/ AT LEAST 1 CHAR	135,568
		HAS A K CODE	13,958	K WASTE W/ AT LEAST 1 CHAR	18,362
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	16
		HAS A U CODE	3	U WASTE W/ AT LEAST 1 CHAR	612
TOTAL	1,145,189	TOTAL	13,961	TOTAL	154,142

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 86

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 445,728 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1	ILD000805812	PEORIA DISPOSAL CO INC	PEORIA	150,921
2	ILD005263157	NORTHWESTERN STEEL & WIRE #2	STERLING	80,409
3	ILD980613913	SAFETY-KLEEN ENVIRONSYSTEMS CO	DOLTON	76,555
4	ILD000781591	LTV STEEL CO	HENNEPIN	43,310
5	ILD098642424	TRADE WASTE INCINERATION INC	SAUGET	26,069
6	ILD005476882	MARATHON ASHLAND PETROLEUM LLC	ROBINSON	20,291
7	ILD085349264	HERITAGE ENVIRONMENTAL SERVICE	LEMONT	16,347
8	ILD000608471	CLEAN HARBORS SVCS INC	CHICAGO	12,859
9	ILD005450697	SAFETY-KLEEN CORP	CHICAGO	8,508
10	ILD064418353	BEAVER OIL CO INC	HODGKINS	4,681
11	ILD984766279	HYDROMET ENVIRONMENTAL INC	NEWMAN	2,723
12	ILD066918327	RESOURCE RECOVERY	SAUGET	1,812
13	ILD006271696	OLIN BRASS & WINCHESTER INC	EAST ALTON	512
14	ILD000666206	ENVIRITE OF ILLINOIS INC	HARVEY	496
15	ILD000675249	HANDY & HARMAN REFINING GROUP	VILLA PARK	227
16	IL3890008946	ARGONNE NATIONAL LABORATORY	ARGONNE	7
17	ILD980502744	LAIDLAW ENVIRONMENTAL SERVICES	PECATONICA	0

TOTAL

445,728

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	3,446	.8	4	23.5
SOLVENTS RECOVERY	M021-M029	41,778	9.4	4	23.5
OTHER RECOVERY	M031-M039	1	.0	2	11.8
INCINERATION	M041-M049	26,199	5.9	6	35.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	5,091	1.1	3	17.6
FUEL BLENDING	M061	77,927	17.5	5	29.4
STABILIZATION	M111-M119	137,475	30.8	4	23.5
LAND TREATMENT / APPLICATION / FARMING	M131	16,232	3.6	1	5.9
LANDFILL	M132	94,267	21.1	1	5.9
DEEPWELL / UNDERGROUND INJECTION	M134	43,310	9.7	1	5.9
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1	.0	1	5.9
TOTAL		445,728	100.0	17	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
STABILIZATION	M111-M119	137,475	30.8	4	23.5
LANDFILL	M132	94,267	21.1	1	5.9
FUEL BLENDING	M061	77,927	17.5	5	29.4
DEEPWELL / UNDERGROUND INJECTION	M134	43,310	9.7	1	5.9
SOLVENTS RECOVERY	M021-M029	41,778	9.4	4	23.5
INCINERATION	M041-M049	26,199	5.9	6	35.3
LAND TREATMENT / APPLICATION / FARMING	M131	16,232	3.6	1	5.9
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	5,091	1.1	3	17.6
METALS RECOVERY (FOR REUSE)	M011-M019	3,446	.8	4	23.5
OTHER RECOVERY	M031-M039	1	.0	2	11.8
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1	.0	1	5.9
TOTAL		445,728	100.0	17	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	26,199	5.9	6	35.3
FUEL BLENDING	M061	77,927	17.5	5	29.4
METALS RECOVERY (FOR REUSE)	M011-M019	3,446	.8	4	23.5
SOLVENTS RECOVERY	M021-M029	41,778	9.4	4	23.5
STABILIZATION	M111-M119	137,475	30.8	4	23.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	5,091	1.1	3	17.6
OTHER RECOVERY	M031-M039	1	.0	2	11.8
LAND TREATMENT / APPLICATION / FARMING	M131	16,232	3.6	1	5.9
LANDFILL	M132	94,267	21.1	1	5.9
DEEPWELL / UNDERGROUND INJECTION	M134	43,310	9.7	1	5.9
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1	.0	1	5.9
TOTAL		445,728	100.0	17	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

219,948

ILLINOIS

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 972

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 292,148 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME	CITY	SHIPPED (TONS)
				06 860
1	1LD980613913	SAFETY-KLEEN ENVIRONSYSTEMS CO	DOLTON	26,768
2	1LD085349264	HERITAGE ENVIRONMENTAL SERVICE	LEMON'I'	19,590
3	ILD000608471	CLEAN HARBORS SVCS INC	CHICAGO	14,526
4	ILD980502744	LAIDLAW ENVIRONMENTAL SERVICES	PECATONICA	12,196
5	ILD980996862	BIRMINGHAM STEEL CORP KANKAKEE	BOURBONNAIS	12,151
6	ILD098642424	TRADE WASTE INCINERATION INC	SAUGET	11,839
7	ILD000714881	KEYSTONE STEEL & WIRE CO	BARTONVILLE	10,839
8	ILD055409940	ABBOTT LABORATORIES	NORTH CHICAGO	10,700
9	ILD080012305	EQUILON ENTERPRISES	ROXANA	8,581
10	ILD054236443	3M COMPANY	CORDOVA	8,090
11	ILD056623598	LTV STEEL-CHICAGO WKS	CHICAGO	5,602
12	ILD062499272	LAROCHE INDUSTRIES INC	CHICAGO HEIGHTS	5,189
13	ILR000024646	DUQUOIN MGP SITE	DUQUOIN	5,189
14	ILD981093180	JLM CHEMICALS INC	ALSIP	4,737
15	ILD000805911	SAFETY-KLEEN SYSTEMS INC	ELGIN	3,575
16	ILD005078126	EQUISTAR CHEMICALS LP	TUSCOLA	3,504
17	ILD006280606	LACLEDE STEEL COMPANY	ALTON	3,490
18	ILD984820191	EAKAS CORPORATION	PERU	3,376
19	ILD065873630	AUSTEEL LEMONT CO INC	LEMONT	3,359
20	ILD049297765	ZENITH ELECTRONICS CORP	MELROSE PARK	2,732
21	ILD984817593	AAA GALVANIZING INC	JOLIET	2,676
22	ILD005164611	KOPPERS INDUSTRIES INC	CICERO	2,630
23	ILD070012265	EMPIRE GALVANIZING	FRANKLIN PARK	2,520
24	ILD069496248	HANNAH MARINE CORP	LEMONT	2,342
25	ILD000814780	CP CLARE CORP	CHICAGO	2,035
26	ILD005456439	SHERWIN WILLIAMS CO	CHICAGO	1,828
27	ILD005450697	SAFETY-KLEEN CORP	CHICAGO	1,753
28	ILD005229448	NEW MORTON	LANSING	1,635
29	ILD066918327	RESOURCE RECOVERY	SAUGET	1,548
30	ILD005476882	MARATHON ASHLAND PETROLEUM LLC	ROBINSON	1,532
31	ILD005083316	MCWHORTER EAST -FORMER CARGILL	CARPENTERSVILLE	1,518
32	ILD051093367	SUN CHEMICAL CORP	NORTHLAKE	1,498
33	ILD005203476	PFANSTIEHL LABS INC	WAUKEGAN	1,438
34	ILD000716860	TOYAL AMERICA INC	LOCKPORT	1,396
35	ILD006147342	CHAMPION LABORATORIES INC	WEST SALEM	1,366
36	ILD079748109	CALUMET STEEL	CHICAGO HEIGHTS	1,248
37	ILD004531927	DEXTER CORP THE	WAUKEGAN	1,237
38	ILD984823237	COM ED COAL TAR S	JOLIET	1,237
39	ILD048296180	MILLENNIUM PETROCHEMICALS	MORRIS	1,234
40	ILD060364882	FORD MOTOR CO. ASSEMBLY PLANT	CHICAGO	1,219
41	ILD005215769	HENKEL CORP	KANKAKEE	1,189
42	ILD005100789	SEYMOUR OF SYCAMORE INC	SYCAMORE	1,181
43	ILD062480850	PHIBRO-TECH INC	JOLIET	1,151
44	ILT180019713	BARTLETT MFG CO INC	CARY	1,030
45	ILD093862811	SAFETY-KLEEN CORP	PEKIN	960
46	ILD054351770	STEPAN COMPANY	ELWOOD	942
47	ILD097271563	R LAVIN & SONS INC	NORTH CHICAGO	920
48	ILD068458835	G D SEARLE & CO	SKOKIE	897
49	ILD982072357	MITSUBISHI MOTOR MFG OF AMERIC	NORMAL	885
50	ILD981097819	SAFETY-KLEEN CORP	CASEYVILLE	869
50				303
TOTAL				
				010 040

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 20

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 355,053 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

_,		EPA ID	SITE NAME	CITY	QUANTITY RECEIVED (TONS)
	1	ILD000608471	CLEAN HARBORS SVCS INC	CHICAGO	144,915
	2	ILD000805812	PEORIA DISPOSAL CO INC	PEORIA	76,165
	3	ILD980613913	SAFETY-KLEEN ENVIRONSYSTEMS CO	DOLTON	53,112
	4	ILD098642424	TRADE WASTE INCINERATION INC	SAUGET	25,959
	5	ILD085349264	HERITAGE ENVIRONMENTAL SERVICE	LEMONT	18,139
	6	ILD980502744	LAIDLAW ENVIRONMENTAL SERVICES	PECATONICA	11,540
	7	ILD005450697	SAFETY-KLEEN CORP	CHICAGO	8,573
	8	ILD064418353	BEAVER OIL CO INC	HODGKINS	4,681
	9	ILD000805911	SAFETY-KLEEN SYSTEMS INC	ELGIN	2,820
	10	ILD066918327	RESOURCE RECOVERY	SAUGET	2,772
	11	ILD984766279	HYDROMET ENVIRONMENTAL INC	NEWMAN	2,723
	12	ILD000666206	ENVIRITE OF ILLINOIS INC	HARVEY	1,066
	13	ILD093862811	SAFETY-KLEEN CORP	PEKIN	736
	14	ILD981097819	SAFETY-KLEEN CORP	CASEYVILLE	633
	15	ILD981088388	SAFETY-KLEEN CORP	URBANA	448
	16	ILD000716894	AMERICAN WASTE PROCESSING LTD	MAYWOOD	321
	17	ILD074424938	DETREX CORP, SOLVENT & ENVR SVC	MELROSE PARK	221
	18	IL8143609487	PRIMEX TECHNOLOGIES INC-AREA13	MARION	144
	19	ILD000675249	HANDY & HARMAN REFINING GROUP	VILLA PARK	83
	20	ILD006271696	OLIN BRASS & WINCHESTER INC	EAST ALTON	0
,	TOTAL				
	TOTAL				

355,053

NOTE:

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	3,302	1.6	4	36.4
SOLVENTS RECOVERY	M021-M029	41,778	20.8	4	36.4
OTHER RECOVERY	M031-M039	1	.0	2	18.2
INCINERATION	M041-M049	25,982	12.9	4	36.4
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1,033	.5	2	18.2
FUEL BLENDING	M061	52,596	26.2	5	45.5
STABILIZATION	M111-M119	56,654	28.2	1	9.1
LANDFILL	M132	19,511	9.7	1	9.1
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1	.0	1	9.1
TOTAL		200,858	100.0	11	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION	M111-M119	56,654	28.2	1	9.1
FUEL BLENDING	M061	52,596	26.2	5	45.5
SOLVENTS RECOVERY	M021-M029	41,778	20.8	4	36.4
INCINERATION	M041-M049	25,982	12.9	4	36.4
LANDFILL	M132	19,511	9.7	1	9.1
METALS RECOVERY (FOR REUSE)	M011-M019	3,302	1.6	4	36.4
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1,033	.5	2	18.2
OTHER RECOVERY	M031-M039	1	.0	2	18.2
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1	.0	1	9.1
TOTAL		200,858	100.0	11	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DIEL DI ENDING					45.5
FUEL BLENDING	M061	52,596	26.2	5	45.5
METALS RECOVERY (FOR REUSE)	M011-M019	3,302	1.6	4	36.4
SOLVENTS RECOVERY	M021-M029	41,778	20.8	4	36.4
INCINERATION	M041-M049	25,982	12.9	4	36.4
OTHER RECOVERY	M031-M039	1	.0	2	18.2
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1,033	.5	2	18.2
LANDFILL	M132	19,511	9.7	1	9.1
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1	.0	1	9.1
STABILIZATION	M111-M119	56,654	28.2	1	9.1
TOTAL		200,858	100.0	11	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 150,922 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 205,851 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 633

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 1,077,410 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	CRA HAZARDOUS WASTE GENERATOR: SITE NAME	TOTAL GENERATED CITY (TONS)
1 TMD0030134	 23 DETUI FUEM CTEFI CODD	
2 TMD0039134	61 AMOCO OTI CO WUTTING IAKEI	CHESTERTON 350,220 RONT WHITING 139,455 LABS SHADELAND 81,793 VICES INDIANAPOLIS 80,558 PORTAGE 76,858 MUNCIE 50,843
2 IND0000100	67 FIT ITILY C. CO TIDDECANOR	TARE CHARFIAND 21 702
4 TND0000309	1) UPDITACE PRITONMENTAL CE	VICES TINDIANADOLIS 90 559
5 TND0932190	12 HERLIAGE ENVIRONMENTAL SE 41 MIDWECT CTEET DIV	DOPTACE 76 858
6 IND0103040	59 GENERAL BATTERY/EXIDE COR	MUNCIE 50,843
7 IND1811570	09 NUCOR STEEL	CRAWFORDSVILLE 42,711
8 INPO00010	99 STEEL DYNAMICS INC	BUTLER 34,754
9 IND0063763	62 GENERAL ELECTRIC CO	MT VERNON 23,500
10 TND0720403	48 FLT LILLY & CO CLINTON LA	S CLINTON 18,324
11 IND0008069	35 ELI LILLY & CO - LILLY TE	H CTR INDIANAPOLIS 17,120
12 IND0008071	07 REILLY IND INC	INDIANAPOLIS 14,719
13 IND0063668	19 ALCOA -WARRICK OPER	NEWBURGH 11,426
14 IND0001996	53 QUEMETCO	INDIANAPOLIS 10,319
15 IND0051591	99 INLAND STEEL CO	EAST CHICAGO 8,751
16 IND0770420	34 SAFETY KLEEN OIL RECOVERY	CO EAST CHICAGO 8,477
17 IND0054440	62 US STEEL - GARY WORKS	GARY 6,100
18 IND0007804	03 RECLAIMED ENERGY CO INC	CONNERSVILLE 5,749
19 IND0064215	49 CITIZENS GAS & COKE UTILI	Y - MFG INDIANAPOLIS 4,753
20 IND0789111	46 CHEMICAL WASTE MANAGEMENT	OF INDIANA LLC FORT WAYNE 4,584
21 IND9848688	36 COLWELL GENERAL INC SYSTER	S DIV KENDALLVILLE 3,167
22 IND0060680	50 DELPHI DELCO ELECTRONICS	YSTEMS PLT 1 KOKOMO 3,153
23 IND0932208	61 AVESTA SHEFFIELD PLATE IN	NEW CASTLE 3,023
24 IND0051466	83 FORD METER BOX CO INC	WABASH 2,496
25 IND0418557	76 GK TECH/IN STEEL & WIRE	MUNCIE 2,481
26 INDU8/U326	II INDIANAPOLIS FOUNDRY/CHRY	LER INDIANAPOLIS 2,308 TRONIC COMPOSI ELKHART 2,232
2/ IND3002013	30 HERMASEAL CO AMERICAN ELE	FT WAYNE 2,232
20 INDUS09003	27 FORMER LP 97 T/N KOTE	NEW CARLISLE 1,789
30 IND3040342	1/ ACCDA DAC TNC	ELKHART 1,747
31 TND0054780	94 ALUMINUM CO OF AMERICA	LAFAYETTE 1,741
32 TND9849044	66 BETA STEEL CORP	PORTAGE 1,667
33 IND0050819	55 GLOBE VALVE CORP	DELPHI 1,567
34 IND0054475	37 SLATER STEEL CORP	FT WAYNE 1,411
35 IND0064206	99 FORD ELECTRONICS & REFRIG	CONNERSVILLE 1,352
36 IN52100204	54 US ARMY JEFFERSON PROVING	GROUNDS MADISON 1,148
37 IND0008068	51 DELPHI DELCO ELECTRONICS	YSTEMS- KOKOMO 1,136
38 IND9908734	99 RED SPOT PAINT & VARNISH	EVANSVILLE 1,095
39 IND0815303	62 GOLDEN CASTING CORP	COLUMBUS 1,063
40 IND0008161	08 PREFERRED TECHNICAL GRP	COLUMBIA CITY 1,043
41 IND9806156	78 HOSKINS MFG CO	NEW PARIS 1,008
42 IND0820712	34 FERRO CORP KEIL CHEMICAL 1	IV HAMMOND 986
43 IND0060590	75 PFIZER INC	TERRE HAUTE 967
44 IND0060401	17 LILLY IND INC	INDIANAPOLIS 930
45 IND0007155	73 COPELAND CORP	RUSHVILLE 921
46 INDIU36311	31 DIGITAL AUDIO DISC CORP	TERRE HAUTE 879
4 / IND9819558	DY HH SUMCO INC	INDIANAPOLIS 867
48 INDII153045	94 GMC TRUCK & BUS	ROANOKE 859
49 INDUU9223/	20 PRINTPACK INC	GREENSBURG 831 MFG INDIANAPOLIS 797
ON THURDHOUDING	78 HOSKINS MFG CO 34 FERRO CORP KEIL CHEMICAL 1 75 PFIZER INC 17 LILLY IND INC 73 COPELAND CORP 31 DIGITAL AUDIO DISC CORP 59 HH SUMCO INC 94 GMC TRUCK & BUS 28 PRINTPACK INC 27 ELI LILLY & CO MC BIOCHEM	FIEG INDIAMAPOLIS /9/
TOTAL		1 025 520

1,037,539

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY CHARACTERISTIC CODES	TONS OF WASTE GENERATED	WASTE HAS ONLY	TONS OF WASTE GENERATED	WASTE HAS BOTH CHARACTERISTIC AND LISTED CODES	TONS OF WASTE GENERATED
ONLY IGNITABLE ONLY CORROSIVE ONLY REACTIVE ONLY D004-17 ONLY D018-43	84,538 2,937 17 82,159 6,202	ONLY AN F CODE ONLY A K CODE ONLY A P CODE ONLY A U CODE	134,484 210,289 7 5,358		
HAS MORE THAN ONE CHARACTERISTIC CODE TOTAL	350,928 526,781	HAS MORE THAN ONE LISTED CODE TOTAL	6,034 356,171	BOTH CHARACTERISTIC & LISTED	194,240

5 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE MULTIPLY CODED

WASTE HAS ONLY	TONS OF	ONLY LISTED	TONS OF	BOTH CHAR,	TONS OF
CHARACTERISTIC CODES BUT MORE THAN ONE APPLIES	WASTE GENERATED	CODES BUT HAS MORE THAN ONE	WASTE GENERATED	AND LISTED CODES	WASTE GENERATED
HAS IGNITABLE CODE	4,967			IGN. W/ AT LEAST 1 LSTD	58,591
HAS CORROSIVE CODE	13,508			CORR. W/ AT LEAST 1 LSTD	63,896
HAS REACTIVE CODE	8,786			REACT. W/ AT LEAST 1 LSTD	642
HAS D004-D017 CODE	339,520			D004-17 W/ AT LEAST 1 LSTD	49,056
HAS D018-D043 CODE	337,296			D018-43 W/ AT LEAST 1 LSTD	51,101
		HAS AN F CODE	6,034	F WASTE W/ AT LEAST 1 CHAR	64,429
		HAS A K CODE	2,156	K WASTE W/ AT LEAST 1 CHAR	128,861
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	158
		HAS A U CODE	3,878	U WASTE W/ AT LEAST 1 CHAR	1,122
TOTAL	350,928	TOTAL	6,034	TOTAL	194,240

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 40

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 1,357,777 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

				TONS OF WASTE
RANK	EPA ID	SITE NAME BETHLEHEM STEEL CORP	CITY	MANAGED
		PRESENT STORY CORRESPONDE		240 865
1	IND003913423	BETHLEHEM STEEL CORP	CHESTERTON	349,765
		AMOCO OIL CO WHITING LAKEFRONT		137,252
	IND000199653		INDIANAPOLIS	127,699
		CHEMICAL WASTE MANAGEMENT OF INDIANA LLC		126,203
		ELI LILLY & CO TIPPECANOE LABS		92,581
6	IND005081542		LOGANSPORT	87,584
	IND980503890	HERITAGE ENVIRONMENTAL SVC INC	ROACHDALE	80,558
8	IND016584641	MIDWEST STEEL DIV	PORTAGE	76,761
9	IND000717959	GENERAL BATTERY/EXIDE CORP LONE STAR INDUSTRIES INC	MUNCIE	57,702
10	IND006419212	LONE STAR INDUSTRIES INC	GREENCASTLE	57,284
11	IND093219012	HERITAGE ENVIRONMENTAL SERVICES	INDIANAPOLIS	38,855
12	IND000646943	POLLUTION CONTROL INDUSTRIES, INC	EAST CHICAGO	29,318
13	IND072040348	ELI LILLY & CO CLINTON LABS	CLINTON	26,005
14	TND006376362	GENERAL ELECTRIC CO	MT VERNON	23,865
15	IND000780403	RECLAIMED ENERGY CO INC	CONNERSVILLE	13,661
16	IND001859032	RHONE POULENC INC (RHODIA INC)	HAMMOND	13,261
17	IND000807107	REILLY IND INC	INDIANAPOLIS	11,513
18	IND980590947	ENVIRONMENTAL SERVICES OF AMERICA		4,630
19	IND980501936	HERMASEAL CO AMERICAN ELECTRONIC COMPOSI	ELKHART	2,217
20	IND085616837	DETREX CORP SOLVENTS&ENV SVCS	INDIANAPOLIS	893
21	IND005460209	MASON CORP	SCHERERVILLE	138
22	IND077042034	SAFETY KLEEN OIL RECOVERY CO	EAST CHICAGO	17
23	IND016621476	ASHLAND CHEMICAL CO	SOUTH BEND	16
24	IND072051394	PURDUE UNIV. LMSB	WEST LAFAYETTE	1
TOTAL				
TOTAL				

1,357,777

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE. FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	182,003	13.4	5	20.8
SOLVENTS RECOVERY	M021-M029	92,656	6.8	4	16.7
OTHER RECOVERY	M031-M039	39	.0	3	12.5
INCINERATION	M041-M049	77,581	5.7	4	16.7
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	194,858	14.4	6	25.0
FUEL BLENDING	M061	42,048	3.1	5	20.8
SLUDGE TREATMENT	M101-M109	98,247	7.2	1	4.2
STABILIZATION	M111-M119	146,879	10.8	5	20.8
LANDFILL	M132	113,812	8.4	3	12.5
DEEPWELL / UNDERGROUND INJECTION	M134	409,655	30.2	2	8.3
TOTAL		1,357,777	100.0	24	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

	SYSTEM	QUANTITY	PERCENTAGE OF	MIMDED OF	PERCENTAGE
	SISIEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	409,655	30.2	2	8.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	194,858	14.4	6	25.0
METALS RECOVERY (FOR REUSE)	M011-M019	182,003	13.4	5	20.8
STABILIZATION	M111-M119	146,879	10.8	5	20.8
LANDFILL	M132	113,812	8.4	3	12.5
SLUDGE TREATMENT	M101-M109	98,247	7.2	1	4.2
SOLVENTS RECOVERY	M021-M029	92,656	6.8	4	16.7
INCINERATION	M041-M049	77,581	5.7	4	16.7
FUEL BLENDING	M061	42,048	3.1	5	20.8
OTHER RECOVERY	M031-M039	39	.0	3	12.5
TOTAL		1,357,777	100.0	24	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	194,858	14.4	6	25.0
FUEL BLENDING	M061	42,048	3.1	5	20.8
METALS RECOVERY (FOR REUSE)	M011-M019	182,003	13.4	5	20.8
STABILIZATION	M111-M119	146,879	10.8	5	20.8
SOLVENTS RECOVERY	M021-M029	92,656	6.8	4	16.7
INCINERATION	M041-M049	77,581	5.7	4	16.7
LANDFILL	M132	113,812	8.4	3	12.5
OTHER RECOVERY	M031-M039	39	.0	3	12.5
DEEPWELL / UNDERGROUND INJECTION	M134	409,655	30.2	2	8.3
SLUDGE TREATMENT	M101-M109	98,247	7.2	1	4.2
TOTAL		1,357,777	100.0	24	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

INDIANA

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 592

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 364,913 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME	CITY	SHIPPED (TONS)
1	TND093219012	HERITAGE ENVIRONMENTAL SERVICES	TNDTANAPOLTS	94.288
2	TND181157009	NUCOR STEEL	CRAWFORDSVILLE	42 711
3	TND101157009	STEEL DYNAMICS INC	BITTI.FP	34 754
4	TND000646943	DOLLITION CONTROL INDUSTRIES INC	FAST CHICAGO	30 596
5	TND000040345	FIT LILLY & CO - LILLY TECH CTP	TNDTANADOLTS	17 120
6	IND0000000333	AI.COA -WARRICK OPER	NEWBIRCH	11 426
7	TND0005300019	INLAND STEEL CO	EAST CHICAGO	8 751
,	TND077042034	SAFETY KLEEN OIL RECOVERY CO	EAST CHICAGO	8 555
9	TND000199653	OHEMETCO	TNDTANAPOLTS	6 245
10	TND000133033	RECLAIMED ENERGY CO INC	CONNERSVILLE	6 122
11	IND000700103	IIS STEEL - GARY WORKS	GARY	6.100
12	TND980590947	ENVIRONMENTAL SERVICES OF AMERICA	SOUTH BEND	5.585
13	TND006421549	CITIZENS GAS & COKE HITHITY - MEG	TNDTANAPOLTS	4.736
14	TND078911146	CHEMICAL WASTE MANAGEMENT OF INDIANA LLC	FORT WAYNE	4.476
15	TND000807107	REILLY IND INC	TNDTANAPOLTS	3 200
16	IND006050967	ELI LILLY & CO TIPPECANOE LABS	SHADELAND	3,189
17	TND006068050	DELPHI DELCO ELECTRONICS SYSTEMS PLT 1	KOKOMO	3,153
18	TND016351272	CAMBRIDGE INDUSTRIES INC	GRARTI.I.	3 099
19	TND093220861	AVESTA SHEFFIELD DLATE INC	NEW CASTLE	3,023
20	TND087032611	INDIANAPOLIS FOUNDRY/CHRYSLER	TNDTANAPOLTS	2 308
21	IND0000810861	AMOCO OIL CO WHITING LAKEFRONT	WHITING	2.186
22	TND058960329	FOAMEX I.P	FT WAYNE	1.863
23	IND006059075	PFTZER INC	TERRE HAUTE	1.819
2.4	TND984894287	I/N KOTE	NEW CARLISLE	1.789
25	TND984904466	BETA STEEL CORP	PORTAGE	1.667
26	IND005447537	SLATER STEEL CORP	FT WAYNE	1.411
27	IND000806851	DELPHI DELCO ELECTRONICS SYSTEMS-	KOKOMO	1.167
28	IN5210020454	US ARMY JEFFERSON PROVING GROUNDS	MADISON	1.148
29	IND990873499	RED SPOT PAINT & VARNISH	EVANSVILLE	1.095
30	IND081530362	GOLDEN CASTING CORP	COLUMBUS	1.063
31	IND000816108	PREFERRED TECHNICAL GRP	COLUMBIA CITY	1,043
32	IND042080614	ACCRA PAC INC	ELKHART	1,027
33	IND082071234	FERRO CORP KEIL CHEMICAL DIV	HAMMOND	986
34	IND000715573	COPELAND CORP	RUSHVILLE	921
35	IND981955859	HH SUMCO INC	INDIANAPOLIS	867
36	IND115304594	GMC TRUCK & BUS	ROANOKE	859
37	IND006420699	FORD ELECTRONICS & REFRIG	CONNERSVILLE	858
38	IND000806927	ELI LILLY & CO MC BIOCHEM MFG	INDIANAPOLIS	797
39	IND006418735	WITT CO MUNCIE GALVANIZING DIV	MUNCIE	771
40	IND006034300	BEMIS CO INC	TERRE HAUTE	733
41	IND098138936	DELTA FAUCET CO	GREENSBURG	722
42	IND006420087	ROLL COATER INC	GREENFIELD	687
43	IND005462601	LTV STEEL CO	EAST CHICAGO	681
44	IND092043595	ATLAS CHEM MILLING	ELKHART	671
45	IND072040348	ELI LILLY & CO CLINTON LABS	CLINTON	647
46	IND984866491	SUBARU ISUZU AUTOMOTIVE INC	LAFAYETTE	626
47	IND984866202	UNITED COATINGS INC	INDIANAPOLIS	601
48	IND990873606	ROLL COATER INC	KINGSBURY	589
49	IN9210020443	US ARMY IN ARMY AMMO PLT	CHARLESTOWN	576
50	IND982641094	VALEO ENGINE COOLING	GREENSBURG	571
TOTAL		HERITAGE ENVIRONMENTAL SERVICES NUCOR STEEL STEEL DYNAMICS INC POLLUTION CONTROL INDUSTRIES, INC ELI LILLY & CO - LILLY TECH CTR ALCOA -WARRICK OPER INLAND STEEL CO SAFETY KLEEN OIL RECOVERY CO QUEMETCO RECLAIMED ENERGY CO INC US STEEL - GARY WORKS ENVIRONMENTAL SERVICES OF AMERICA CITIZENS GAS & COKE UTILITY - MFG CHEMICAL WASTE MANAGEMENT OF INDIANA LLC REILLY IND INC ELI LILLY & CO TIPPECANOE LABS DELPHI DELCO ELECTRONICS SYSTEMS PLT 1 CAMBRIDGE INDUSTRIES INC AVESTA SHEFFIELD PLATE INC INDIANAPOLIS FOUNDRY/CHRYSLER AMOCO OIL CO WHITING LAKEFRONT FOAMEX LP PFIZER INC I/N KOTE BETA STEEL CORP SLATER STEEL CORP DELPHI DELCO ELECTRONICS SYSTEMS- US ARMY JEFFERSON PROVING GROUNDS RED SPOT PAINT & VARNISH GOLDEN CASTING CORP PREFERED TECHNICAL GRP ACCRA PAC INC FERRO CORP KEIL CHEMICAL DIV COPELAND CORP HH SUMCO INC GMC TRUCK & BUS FORD ELECTRONICS & REFRIG ELI LILLY & CO MC BIOCHEM MFG WITT CO MUNCIE GALVANIZING DIV BEMIS CO INC DELTA FAUCET CO ROLL COATER INC LTV STEEL CO ATLAS CHEM MILLING ELI LILLY & CO CLINTON LABS SUBARU ISUZU AUTOMOTIVE INC UNITED COATINGS INC ROLL COATER INC US ARMY IN ARMY AMMO PLT VALEO ENGINE COOLING		200 056

329,876

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 21

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 611,458 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

RANK	EPA ID	SITE NAME		QUANTITY RECEIVED (TONS)
1	 IND078911146	CHEMICAL WASTE MANAGEMENT OF INDIANA LLC	FORT WAYNE	125,984
	IND000199653		INDIANAPOLIS	
3	IND005081542	ESSROC CEMENT CORP	LOGANSPORT	87,433
4	IND980503890	HERITAGE ENVIRONMENTAL SVC INC	ROACHDALE	80,558
5	IND006419212	LONE STAR INDUSTRIES INC	GREENCASTLE	57,271
6	IND093219012	HERITAGE ENVIRONMENTAL SERVICES	INDIANAPOLIS	40,657
7	IND000646943	POLLUTION CONTROL INDUSTRIES, INC	EAST CHICAGO	32,196
8	IND006050967	ELI LILLY & CO TIPPECANOE LABS	SHADELAND	13,979
9	IND000780403	RECLAIMED ENERGY CO INC	CONNERSVILLE	13,967
10		RHONE POULENC INC (RHODIA INC)	HAMMOND	13,261
		ELI LILLY & CO CLINTON LABS	CLINTON	8,328
12	IND000717959		MUNCIE	7,296
13	IND980590947	ENVIRONMENTAL SERVICES OF AMERICA	SOUTH BEND	5,222
14	IND085616837	DETREX CORP SOLVENTS&ENV SVCS	INDIANAPOLIS	893
15	IND016621476	ASHLAND CHEMICAL CO	SOUTH BEND	512
16	IND005460209	MASON CORP	SCHERERVILLE	138
17	IND040295347	VAN WATERS & ROGERS INC	INDIANAPOLIS	82
18	IND016627333	VAN WATERS & ROGERS INC	SOUTH BEND	67
19	IND000806851	DELPHI DELCO ELECTRONICS SYSTEMS-	KOKOMO	23
		ELI LILLY & CO - MATERIALS CTR		21
21	IND077042034	SAFETY KLEEN OIL RECOVERY CO	EAST CHICAGO	17
TOTAL				

611,458

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

INDIANA

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	131,719	21.8	4	23.5
SOLVENTS RECOVERY	M021-M029	24,936	4.1	4	23.5
OTHER RECOVERY	M031-M039	38	.0	2	11.8
INCINERATION	M041-M049	10,015	1.7	3	17.6
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	159,316	26.3	4	23.5
FUEL BLENDING	M061	42,048	6.9	5	29.4
STABILIZATION	M111-M119	140,280	23.2	4	23.5
LANDFILL	M132	96,831	16.0	2	11.8
TOTAL		605,185	100.0	17	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF OUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
MANAGEMENT METHOD	TIPE CODE	(10105)	QUANTITI	FACILITIES	FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	159,316	26.3	4	23.5
STABILIZATION	M111-M119	140,280	23.2	4	23.5
METALS RECOVERY (FOR REUSE)	M011-M019	131,719	21.8	4	23.5
LANDFILL	M132	96,831	16.0	2	11.8
FUEL BLENDING	M061	42,048	6.9	5	29.4
SOLVENTS RECOVERY	M021-M029	24,936	4.1	4	23.5
INCINERATION	M041-M049	10,015	1.7	3	17.6
OTHER RECOVERY	M031-M039	38	.0	2	11.8
TOTAL		605,185	100.0	17	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
FUEL BLENDING	M061	42,048	6.9	5	29.4
METALS RECOVERY (FOR REUSE)	M011-M019	131,719	21.8	4	23.5
SOLVENTS RECOVERY	M021-M029	24,936	4.1	4	23.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	159,316	26.3	4	23.5
STABILIZATION	M111-M119	140,280	23.2	4	23.5
INCINERATION	M041-M049	10,015	1.7	3	17.6
LANDFILL	M132	96,831	16.0	2	11.8
OTHER RECOVERY	M031-M039	38	.0	2	11.8
TOTAL		605,185	100.0	17	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

INDIANA

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 234,737 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 115,041 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 182

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 33,681 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

	RANK	EPA ID	SITE NAME NORTH STAR STEEL IOWA IPSCO STEEL INC MONSANTO CO FORT DODGE ANIMAL HEALTH SALSBURY CHEMICALS INC DU PONT E I DE NEMOURS & CO INC EQUISTAR CHEMICALS LP 3M KNOXVILLE COOPER AUTOMOTIVE CO EXIDE/GENERAL BATTERY I E S UTIL INC - CARROLL FMGP A Y MCDONALD MFG CO PELLA CORP DEXTER CO I E S UTIL INC - FMGP SIOUXLAND GALVANIZING DEERE JOHN - DES MOINES WORKS I E S UTIL INC - CHEROKEE FMGP CLOW VALVE CO FOUNDRY NINTH AVENUE PARCEL CRYOVAC - DIV W R GRACE IOWA PAINT MFG CO INC GLACIER VANDERVELL INC WELLBORN INDUSTRIES LTD REXAM RELEASE IOWA ARMY AMMUNITION PLANT PURETHANE INC WEST BRANCH HELENA CHEMICAL CO WINNEBAGO INDUSTRIES INC IOWA STEEL & WIRE CO MAYTAG LAUNDRY PRODUCTS PLANT 2 AMERICAN NATIONAL CAN CO OMEGA CABINETS UNIVERSAL CIRCUITS INC CRANE CO COLOR CONVERTING INDUSTRIES CO INDUSTRIAL LAMINATES/NORPLEX TRANSWOOD INC (ROADSIDE SPILL) AMANA CO LP R V HOPKINS INC EXIDE CORP VISKASE CORP VERMEER MFG CO UNION PACIFIC RAILROAD CO HON CO OAK STEEL PLT MACH III INC ROCKWELL COLLINS INC GEMERAL ELECTRIC E D & C SWITCHGEAR OPER FISHER CONTROLS GOVERNOR RD CAMCAR/TEXTRON - DECORAH OPERATION	CITY	TOTAL GENERATED (TONS)
			NODTU CTAD CTFFI TOWA	 WII TON	5 283
	2	TAD0000223334	TOCCO CTEFF INC	MILION	3,263
	2	TAD005000210	MONGANTO CO	MIICATINE	2 7//
	1	TAD005275540	FORT DODGE ANIMAL DEALTH	CUADIFC CITY	2,711
	- 4	TAD003273340	CALCRIDY CHEMICALC INC	CHARLES CITY	2,300
	6	TAD005272398	DII DONT F I DF NEMOLIES & CO INC	FORT MADISON	2,334
	7	TAD005272536	FOULTSTAP CHEMICALS I.D	CLINTON	1 807
	8	TAD075846824	3M KNOVVII.F	CAINT DAIIT.	1 110
	۵	TAD0000024	COODED VILLOWOLLIVE CO	DIDI INCTON	268
	10	TAD0000003143	EVIDE/CENTEDAT DATTEDV	MANCUFCTED	864
	11	TAP0009019703	T E S HTTL INC - CARROLL FMCP	CARROLL.	718
	12	TAD980688717	A V MCDONALD MEG CO	DIBLIOUE	689
	13	TAD0050717	DFILA CORD	DET.I.A	425
	14	TAD003270302	DEYTER CO	FAIRETEI.D	410
	15	TAD000030010	T F G ITTI. TMC - FMCD	VINTON	406
	16	TAD981504780	STOUXLAND GALVANTZING	SIOUX CITY	384
	17	TAD069624500	DEERE JOHN - DES MOINES WORKS	VNKENA	382
	18	TAP000001300	T E S HTTL INC - CHEROKEE EMGP	CHEBOKEE	360
	19	TAD005145941	CLOW VALVE CO FOUNDRY	OSKALOOSA	268
	20	TAP0003113311	NINTH AVENUE DARCEL	COUNCIL BLUFFS	263
	21	TAD022047112	CRYOVAC - DIV W R GRACE	CEDAR RAPIDS	257
	22	TAT200010098	TOWA PAINT MFG CO INC	DES MOINES	230
	23	TAD096526108	GLACIER VANDERVELL INC	ATLANTIC	224
	24	TAT20001106	WELLBORN INDUSTRIES LTD	MASON CITY	216
	25	TAD050691617	REXAM RELEASE	TOWA CITY	215
	26	IA7213820445	IOWA ARMY AMMUNITION PLANT	MIDDLETOWN	194
	27	IAD981506298	PURETHANE INC WEST BRANCH	WEST BRANCH	177
	28	IAD000678144	HELENA CHEMICAL CO	DES MOINES	175
	29	IAD005300751	WINNEBAGO INDUSTRIES INC	FOREST CITY	166
	30	TAD000156422	TOWA STEEL & WIRE CO	CENTERVILLE	164
	31	IAD005285689	MAYTAG LAUNDRY PRODUCTS PLANT 2	NEWTON	160
	32	IAD001818327	AMERICAN NATIONAL CAN CO	DES MOINES	158
	33	IAD981506934	OMEGA CABINETS	WATERLOO	144
	34	IAD984568204	UNIVERSAL CIRCUITS INC	LAKE MILLS	141
	35	IAD049474380	CRANE CO	WASHINGTON	136
	36	IAD078096732	COLOR CONVERTING INDUSTRIES CO	DES MOINES	128
	37	IAD073489288	INDUSTRIAL LAMINATES/NORPLEX	POSTVILLE	122
	38	IAP000001480	TRANSWOOD INC (ROADSIDE SPILL)	STORY CITY	122
	39	IAD000610436	AMANA CO LP	MIDDLE AMANA	120
	40	IAD022096028	R V HOPKINS INC	DAVENPORT	118
	41	IAD087267175	EXIDE CORP	BURLINGTON	115
	42	IAD041580721	VISKASE CORP	CENTERVILLE	113
	43	IAD005274071	VERMEER MFG CO	PELLA	112
	44	IAD000829978	UNION PACIFIC RAILROAD CO	COUNCIL BLUFFS	98
	45	IAD000829911	HON CO OAK STEEL PLT	MUSCATINE	94
	46	IAR000003426	MACH III INC	MASON CITY	87
	47	IAD065205056	ROCKWELL COLLINS INC	CEDAR RAPIDS	84
	48	IAD005272703	GENERAL ELECTRIC E D & C SWITCHGEAR OPER	WEST BURLINGTON	77
	49	IAD005287768	FISHER CONTROLS GOVERNOR RD	MARSHALLTOWN	76
	50	IAD053737532	CAMCAR/TEXTRON - DECORAH OPERATION	DECORAH	75
Т	OTAL				21 000

31,088

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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 ONLY CORROSIVE ONLY REACTIVE ONLY D004-17 ONLY D018-43 HAS MORE THAN ONE	2,381 439 106 6,727 2,022	ONLY AN F CODE ONLY A K CODE ONLY A P CODE ONLY A U CODE HAS MORE THAN ONE	1,345 9,936 218 140		
CHARACTERISTIC CODE TOTAL	4,367 16,042	LISTED CODE TOTAL	1 11,640	BOTH CHARACTERISTIC & LISTED	6,000

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	2,989			IGN. W/ AT LEAST 1 LSTD	5,349
HAS CORROSIVE CODE	3,944			CORR. W/ AT LEAST 1 LSTD	1,013
HAS REACTIVE CODE	2,617			REACT. W/ AT LEAST 1 LSTD	15
HAS D004-D017 CODE	4,107			D004-17 W/ AT LEAST 1 LSTD	2,182
HAS D018-D043 CODE	2,945			D018-43 W/ AT LEAST 1 LSTD	4,207
		HAS AN F CODE	1	F WASTE W/ AT LEAST 1 CHAR	5,734
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	231
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	25
		HAS A U CODE	1	U WASTE W/ AT LEAST 1 CHAR	130
TOTAL	4,367	TOTAL	1	TOTAL	6,000

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 28

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 3,349 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

-	TITI DINOLOT NOIS INDICATOR NICE TRANSCONDING TROUBLETTEDO (1997					
Ι	RANK	EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED	
-						
	1	IAD005273594	MONSANTO CO	MUSCATINE	2,592	
	2	IAD005272398	DU PONT E I DE NEMOURS & CO INC	FORT MADISON	610	
	3	IAD005278502	PELLA CORP	PELLA	127	
	4	IA7213820445	IOWA ARMY AMMUNITION PLANT	MIDDLETOWN	19	
	5	IAT200010601	I S U - CHEMICAL WASTE HANDLING FACILITY	AMES	1	
	6	IAD005264940	BRAMMER MFG CO	DAVENPORT	0	

3,349

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	7	. 2	2	33.3
SOLVENTS RECOVERY	M021-M029	739	22.1	3	50.0
INCINERATION	M041-M049	2,604	77.7	2	33.3
TOTAL		3,349	100.0	6	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION SOLVENTS RECOVERY METALS RECOVERY (FOR REUSE)	M041-M049 M021-M029 M011-M019	2,604 739 7	77.7 22.1 .2	2 3 2	33.3 50.0 33.3
TOTAL		3,349	100.0	6	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY METALS RECOVERY (FOR REUSE) INCINERATION	M021-M029 M011-M019 M041-M049	739 7 2,604	22.1 .2 77.7	3 2 2	50.0 33.3 33.3
TOTAL		3,349	100.0	6	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

82,008

IOWA

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 176

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 84,693 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME SAFETY KLEEN CORP - DAVENPORT NORTH STAR STEEL IOWA IPSCO STEEL INC FORT DODGE ANIMAL HEALTH SALSBURY CHEMICALS INC DU PONT E I DE NEMOURS & CO INC EQUISTAR CHEMICALS LP 3M KNOXVILLE COOPER AUTOMOTIVE CO SAFETY KLEEN CORP - DES MOINES EXIDE/GENERAL BATTERY I E S UTIL INC - CARROLL FMGP A Y MCDONALD MFG CO PELLA CORP DEXTER CO I E S UTIL INC - FMGP IOWA ARMY AMMUNITION PLANT SIOUXLAND GALVANIZING DEERE JOHN - DES MOINES WORKS I E S UTIL INC - CHEROKEE FMGP CLOW VALVE CO FOUNDRY NINTH AVENUE PARCEL CRYOVAC - DIV W R GRACE GLACIER VANDERVELL INC WELLBORN INDUSTRIES LTD REXAM RELEASE PURETHANE INC WEST BRANCH HELENA CHEMICAL CO WINNEBAGO INDUSTRIES INC IOWA STEEL & WIRE CO MAYTAG LAUNDRY PRODUCTS PLANT 2 MONSANTO CO UNIVERSAL CIRCUITS INC CRANE CO OMEGA CABINETS R V HOPKINS INC COLOR CONVERTING INDUSTRIES CO INDUSTRIAL LAMINATES/NORPLEX TRANSWOOD INC (ROADSIDE SPILL) EXIDE CORP IOWA PAINT MFG CO INC VERMEER MFG CO VISKASE CORP AMANA CO LP UNION PACIFIC RAILROAD CO HON CO OAK STEEL PLT ROCKWELL COLLINS INC MACH III INC CAMCAR/TEXTRON - DECORAH OPERATION GENERAL ELECTRIC E D & C SWITCHGEAR OPER	CITY	SHIPPED (TONS)
1	TAD098027592	SAFFTY KIFFN CORD - DAVENDORT	 DAVENDOBT	53 100
2	TAD000027352	NODTH CTAD CTFFT TOWN	WILLOW	5 2 9 3
2	TAD0000223334	TDCCO CTEFF INC	MIICATINE	3,203
1	TAD005000210	EODE DODGE VALMAI REVIER	CUNDIFC CITY	2 366
- 4	TAD003273340	CALCRIDY CHEMICALS INC	CHARLES CITY	2,300
5	TAD005272200	DII DONT F I DE NEMOTIDO C CO INC	CHARLES CITY	2,337 1 001
7	TAD005272596	FOULTERED CHEMICALS ID	CI INTON	1,901
,	TAD075372030	2M KNOVIII E	CATINE DAIL	1 112
0	TAD0/3040024	COODED VILLOWOLLINE CO	DIDI INCTON	1,112
10	TAD0000003143	CAPETY VIEW CODD DEC MOINEC	DEC MOINEC	000
11	TAD060610765	SAFELL KTEEN COKE - DES MOINES	MYMCALGALD MYMCALGALD	023 721
12	TAD009019703	T F C ITTI INC _ CADDOIT FMCD	CADDOLL	710
12	TAD000001409	A V MCDONALD MEC CO	DIBLIQUE	600
1.4	TAD00000717	A I MCDONALD MFG CO	DELLA	425
15	TAD0003276302	PELLA CORP	PELLA PELLA P	425
15	TAD000830018	DEXTER CO	FAIRFIELD	410
17	TAP000001437	I E S UIIL INC - FMGF	ATINION	207
1.0	TADO01504700	IOWA ARMI AMMUNIIION PLANI	MIDDLEIOWN	397
18	TAD060604500	SIOUXLAND GALVANIZING	SIOUX CITY	384
19	TAD069624500	DEERE JOHN - DES MOINES WORKS	ANKENY	382
20	TAP00001488	I E S UTIL INC - CHEROKEE FMGP	CHEROKEE	360
21	TAD000145941	CLOW VALVE CO FOUNDRY	OSKALOOSA	266
22	TAP000001494	NINTH AVENUE PARCEL	COUNCIL BLUFFS	263
23	TAD02204/112	CRYOVAC - DIV W R GRACE	CEDAR RAPIDS	257
24	IADU96526108	GLACIER VANDERVELL INC	ATLANTIC	234
25	TAT200011096	WELLBORN INDUSTRIES LTD	MASON CITY	216
20	TAD00150691617	REAAM RELEASE	IOWA CITY	215
27	TAD000670144	PUREIHANE INC WEST BRANCH	WEST BRANCH	1//
20	TAD0000076144	HELENA CHEMICAL CO	DES MOINES	1/0
29	TAD005300751	WINNEBAGO INDUSTRIES INC	FOREST CITY	166
30	TAD000156422	MANUAC LAUNDON DOODUCHC DIANE 2	CENTERVILLE	160
31	TAD005263669	MATIAG LAUNDRI PRODUCIS PLANI Z	MICCARINE	140
32	TAD005273594	MONSANIO CO	MUSCALINE	140
33	TAD040474200	UNIVERSAL CIRCUITS INC	LAKE MILLS	141
34	TAD049474380	CRANE CO	WASHINGTON	136
35	TAD022006020	OMEGA CABINETS	WATERLOO	130
20	TAD022090020	K A HOLVING INC	DEC MOINEC	132
3/	TAD070090732	COLOR CONVERTING INDUSTRIES CO	DES MOINES	131
38	TAD0/3489288	INDUSTRIAL LAMINATES/NORPLEX	POSTVILLE	122
39	TAP000001480	TRANSWOOD INC (ROADSIDE SPILL)	STORY CITY	122
40	TADU8/26/1/5	EXIDE CORP	BURLINGTON	115
41	TADO05074071	TOWA PAINT MFG CO INC	DE2 MOINES	113
42	TAD0052/40/1	VERMEER MFG CO	PELLA	112
4.3	TAD000610426	VISKASE CORP	CENTERVILLE	111
44	TAD000010436	AMANA CO LP	MIDDLE AMANA	110
45	TAD000829978	UNION PACIFIC RAILROAD CO	COUNCIL BLUFFS	98
40	TWDOCESOEGE	DOGNALI COLLING INC	MINDOCALINE	94
4/	TADOOOOSASC	MACH TIT INC	CEDAK KAPIDS	89
48	TARUUUUU3426	MACH III INC CAMCAR/TEXTRON - DECORAH OPERATION	MASON CITY	8/
49	TAD0053/3/532	CAMCAR/TEXTRON - DECURAH OPERATION	DECURAH	75
50	TADUU52/2/03	GENERAL ELECTRIC E D & C SWITCHGEAR OPER	MEST BUKLINGTON	74
TOTAL				00.000

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS. NOTE:

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 5

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 1,176 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

RANK	EPA ID	SITE NAME	CITY	QUANTITY RECEIVED (TONS)
1	IAD098027592	SAFETY KLEEN CORP - DAVENPORT	DAVENPORT	618
2	IAD981718000	SAFETY KLEEN CORP - DES MOINES	DES MOINES	477
3	IAT200010924	UNIVERSITY OF IOWA OAKDALE WT	OAKDALE	46
4	IAT200010601	I S U - CHEMICAL WASTE HANDLING FACILITY	AMES	35
5	IAD005289806	DEERE JOHN - WATERLOO WORKS	WATERLOO	0

TOTAL 1,176

NOTE:

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES	
SOLVENTS RECOVERY	M021-M029	1	100.0	1	100.0	
TOTAL		1	100.0	1		

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
SOLVENTS RECOVERY	M021-M029	1	100.0	1	100.0
TOTAL		1	100.0	1	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	1	100.0	1	100.0
TOTAL		1	100.0	1	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 218 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 84,257 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 215

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 1,333,169 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	SITE NAME	CITY WICHITA COFFEYVILLE WICHITA WICHITA EL DORADO COFFEYVILLE WICHITA ANDOVER WICHITA KANSAS CITY MCPHERSON	TOTAL GENERATED (TONS)
1 KSD007482020	 VULCAN MATERIALS CO	 WICHITA	1,285,739
	LAIDLAW ENVIRONMENTAL SERVICES ARAGON	COFFEVULLE	11,421
	FIF ATOCHEM N AMERICA INC	WICHITA	10,076
4 KGD007249900	ELF ATOCHEM N AMERICA INC THE BOEING CO - WICHITA	WICHITA WICHITA EL DORADO COFFEYVILLE WICHITA ANDOVER WICHITA KANSAS CITY MCPHERSON RIVERTON KANSAS CITY ARKANSAS CITY ARKANSAS CITY OLATHE PARSONS WICHITA	5,960
4 KSD007237241	THE BOEING CO - WICHIIA	MICHIIA	1,798
6 KSD007233422	TEXACO REFINING AND MARKETING INC FARMLAND INDUSTRIES INC	COFFEYVILLE	1,798
7 KSD007130003	PAVTHEON AIRCRAFT CO	WICHITA	1,335
9 KGD067402011	RAYTHEON AIRCRAFT CO SHERWIN-WILLIAMS AIR PRODUCTS MFG CORP	ANDOVED	1,333
0 KGD030377010	ATD DEODICTS MEC CODD	WICUITA	1,137
10 800001231140	COMMED ALLIDEDT KANCAC CITY DIT	WICHIIA WANGAG CITV	927
11 KGD961713522	SOMMER ALLIBERT KANSAS CITY PLT NATIONAL COOP REFINERY ASSC	MCDHFRSON	909
	ALLCO CHEMICAL CORP	PIVERTON	663
12 KGDJ000J4203	CMC PATDEAY ACCEMDIV DIANT	KANGAG CITV	604
14 KGD96112025	GMC FAIRFAX ASSEMBLY PLANT TOTAL PETROLEUM INC	ADKANGAG CITTV	582
15 VCD007410095	DELDHI AHTOMOTTUE CVCTEMO	OLATUE	557
16 KGN21382N465	DELPHI AUTOMOTIVE SYSTEMS KANSAS ARMY AMMUNITION PLANT	DAPRONG	528
17 KGD07213020407	INTO AW ENVITONMENTAL CVC INC	WICUITA	484
18 KGD007240040	LAIDLAW ENVIRONMENTAL SVC INC PQ CORP KANSAS CITY CESSNA AIRCRAFT CO MID-CONTINENT FCTY MILITARY INSTALLATION FT RILEY	KANSAS CITY	387
10 KSD000203711	CECCNY VIDODYEL CO WID-CONTINENT ECTA	WICUITA	336
20 VC621402075	MILITARY INCRALLATION OF RILEY	FORT RILEY	274
21 KSD073314593	EALUE COBD	SALINA	261
		LAWRENCE	227
22 KSD00/124300	FMC CORP UNIVERSAL ENGRAVING CESSNA ATROPART OF DAWNER FACTLITY	OVERLAND PARK	217
24 KGD904907372	CESSNA AIRCRAFT CO PAWNEE FACILITY	WICHITA	213
21 1000072555	RICH RAINT MFG	SOUTH HUTCHINSON	200
26 KSD007234313	T.FAP.TFT TNC	MICHITA	197
27 KG3213820878	LEARJET INC SUNFLOWER ARMY AMMUNITION PLANT SINCLAIR OIL CORP CHASE TRANSP CO ASTOR UNIVERSAL NATIONAL FAC CERTAIN TEED CORP HERCULES CEMENT CO K C COATINGS DYMON INC PUEBLO CHEMICAL & SUPPLY CO PRESTIGE INC	DE SOTO	193
28 KGD091347898	STACTATE OIL CORD	KANSAS CITV	188
20 KGD051547050	CUACE TRANCE CO	FI DODADO	178
20 KGD000010203	ACTOD INTIVEDRAL MATTOMAL FAC	T AMPENCE	171
31 KSD000001743	CERTAIN TEED CORP	KANSAS CITY	152
32 KSD980739999	HERCHLES CEMENT CO	INDEPENDENCE	138
33 KGB000733333	K C COATINGS	CHAMNEE	134
34 KGR00000110	DVMON INC	OLATHE	133
35 KGD000000000	DIFRIA CHEMICAL & GUDDLY CO	CAPDEN CITY	124
36 KSD000019000	PRESTICE INC	NEODESHA	119
37 KSD012307112	DYMON INC PUEBLO CHEMICAL & SUPPLY CO PRESTIGE INC ATR CAPITOL PLATING INC	WICHITA	119
38 KSD981711260	PUEBLO CHEMICAL & SUPPLY CO PRESTIGE INC AIR CAPITOL PLATING INC PLASTIC PACKAGING CORP LOCTITE CORP	KANSAS CTTY	117
39 KSD007127046	LOCTITE CORP	KANSAS CITY	117
40 KSD058924689	GNB INC	KANSAS CITY	108
41 200042062245	DANIJANDI E RACHEDNI DIDE I INE CO/INICOMONI		106
42 KSD062721956	PACKAGING PRODUCTS CORP	MISSION	100
43 KSD043941590	PHILIPS LIGHTING CO	SALINA	90
44 KSD000687699	CHASE TERMINAL CO	SCOTT CITY	87
45 KSP0000070707	M R V INC	TOPEKA	84
46 KSD007128846	PEERLESS PRODUCTS INC	FORT SCOTT	80
47 KSD007129695	GOODYEAR TIRE & RUBBER CO	TOPEKA	79
48 KSD094338084	SMITH FIBERGLASS PRODUCTS CO		74
49 KSD007130033	PROCTER & GAMBLE MEG CO	WICHITA KANSAS CITY	74
50 KSD980687958	PARHANDLE EASIERN PIPE LINE CO/HUGOTON PACKAGING PRODUCTS CORP PHILIPS LIGHTING CO CHASE TERMINAL CO M R V INC PEERLESS PRODUCTS INC GOODYEAR TIRE & RUBBER CO SMITH FIBERGLASS PRODUCTS CO PROCTER & GAMBLE MFG CO WILKO PAINT INC	WICHITA	74
		,, 2 0,12 1/1	71
TOTAL			1 222 552

1,330,553

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY	TONS OF		TONS OF	WASTE HAS BOTH	TONS OF
CHARACTERISTIC	WASTE	WASTE HAS ONLY	WASTE	CHARACTERISTIC	WASTE
CODES	GENERATED	LISTED CODES	GENERATED	AND LISTED CODES	GENERATED
ONLY IGNITABLE	706	ONLY AN F CODE	4,106		
ONLY CORROSIVE	499	ONLY A K CODE	1,506		
ONLY REACTIVE	54	ONLY A P CODE	1		
ONLY D004-17	2,859	ONLY A U CODE	566		
ONLY D018-43	745				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	12,645	LISTED CODE	1,645		
TOTAL	17,507	TOTAL	7,824	BOTH CHARACTERISTIC & LISTED	1,307,805

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	1,600			IGN. W/ AT LEAST 1 LSTD	7,618
HAS CORROSIVE CODE	10,625			CORR. W/ AT LEAST 1 LSTD	1,288,962
HAS REACTIVE CODE	594			REACT. W/ AT LEAST 1 LSTD	240
HAS D004-D017 CODE	1,670			D004-17 W/ AT LEAST 1 LSTD	1,303,089
HAS D018-D043 CODE	11,636			D018-43 W/ AT LEAST 1 LSTD	1,292,084
		HAS AN F CODE	1,628	F WASTE W/ AT LEAST 1 CHAR	1,307,453
		HAS A K CODE	1,329	K WASTE W/ AT LEAST 1 CHAR	1,294,962
		HAS A P CODE	113	P WASTE W/ AT LEAST 1 CHAR	8,510
		HAS A U CODE	333	U WASTE W/ AT LEAST 1 CHAR	1,296,188
TOTAL	12,645	TOTAL	1,645	TOTAL	1,307,805

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

TONS OF WASTE

KANSAS

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 24

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 1,558,943 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

				TONS OF WASIE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	KSD007482029	VULCAN MATERIALS CO	WICHITA	1,437,349
2	KSD980633259	SYSTECH ENVIRONMENTAL CORP	FREDONIA	55,196
3	KSD031203318	ASH GROVE CEMENT PLANT	CHANUTE	30,863
4	KSD980739999	HERCULES CEMENT CO	INDEPENDENCE	22,792
5	KSD981506025	LAIDLAW ENVIRONMENTAL SERVICES ARAGON	COFFEYVILLE	11,330
6	KSD007237746	AIR PRODUCTS MFG CORP	WICHITA	1,100
7	KS0213820467	KANSAS ARMY AMMUNITION PLANT	PARSONS	221
8	KSD000809715	VAN WATERS & ROGERS INC	WICHITA	81
9	KSD007246846	LAIDLAW ENVIRONMENTAL SVC INC	WICHITA	10
10	KSD007148034	LAFARGE CORP	FREDONIA	1

1,558,943

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	2,957	. 2	1	10.0
INCINERATION	M041-M049	8,621	.6	5	50.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	54,756	3.5	4	40.0
FUEL BLENDING	M061	55,277	3.5	2	20.0
DEEPWELL / UNDERGROUND INJECTION	M134	1,437,332	92.2	1	10.0
TOTAL		1,558,943	100.0	10	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	1,437,332	92.2	1	10.0
FUEL BLENDING	M061	55,277	3.5	2	20.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	54,756	3.5	4	40.0
INCINERATION	M041-M049	8,621	.6	5	50.0
SOLVENTS RECOVERY	M021-M029	2,957	.2	1	10.0
TOTAL		1,558,943	100.0	10	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	8,621	. 6	5	50.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	54,756	3.5	4	40.0
FUEL BLENDING	M061	55,277	3.5	2	20.0
DEEPWELL / UNDERGROUND INJECTION	M134	1,437,332	92.2	1	10.0
SOLVENTS RECOVERY	M021-M029	2,957	.2	1	10.0
TOTAL		1,558,943	100.0	10	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 207

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 137,709 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	F'IF".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		OHANDIDA
		EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
			SYSTECH ENVIRONMENTAL CORP	FREDONIA	79,382
			LAIDLAW ENVIRONMENTAL SVC INC	WICHITA	15,474
			ELF ATOCHEM N AMERICA INC	WICHITA	10,076
	4	KSD981506025	LAIDLAW ENVIRONMENTAL SERVICES ARAGON	COFFEYVILLE	7,576
			THE BOEING CO - WICHITA	WICHITA	5,922
			TEXACO REFINING AND MARKETING INC	EL DORADO	1,518
			FARMLAND INDUSTRIES INC	COFFEYVILLE	1,411
		KSD007482011		WICHITA	1,335
				ANDOVER	1,271
	10	KSD981713522	SOMMER ALLIBERT KANSAS CITY PLT	ANDOVER KANSAS CITY EDWARDSVILLE	927
	11	KSD980973515	SAFETY KLEEN CORP	EDWARDSVILLE	919
	12	KSD000809723	SAFETY KLEEN CORP	WICHITA	871
	13	KSD057889313	SAFETY KLEEN CORP ASHLAND CHEMICAL CO	KANSAS CITY	638
	14	KSD981126253	GMC FAIRFAX ASSEMBLY PLANT TOTAL PETROLEUM INC	KANSAS CITY	590
	15	KSD087418695	TOTAL PETROLEUM INC	ARKANSAS CITY	582
	16	KSD007145907	DELPHI AUTOMOTIVE SYSTEMS	OLATHE	557
		KSD980854285	TOTAL PETROLEUM INC DELPHI AUTOMOTIVE SYSTEMS ALLCO CHEMICAL CORP PQ CORP KANSAS CITY SAFETY KLEEN CORP NATIONAL COOP REFINERY ASSC CESSNA AIRCRAFT CO MID-CONTINENT FCTY	WICHITA KANSAS CITY KANSAS CITY ARKANSAS CITY OLATHE RIVERTON	552
		KSD000203711			447
		KSD980686844	SAFETY KLEEN CORP	DODGE CITY	358
		KSD007145956	NATIONAL COOP REFINERY ASSC	MCPHERSON	350
		KSD000809673	SAFETY KLEEN CORP NATIONAL COOP REFINERY ASSC CESSNA AIRCRAFT CO MID-CONTINENT FCTY	WICHITA	336
			VULCAN MATERIALS CO	WICHITA	325
			MILITARY INSTALLATION FT RILEY	FORT RILEY	273
		KSD073314593		SALINA	261
		KSD007124506		LAWRENCE	244
			CESSNA AIRCRAFT CO PAWNEE FACILITY	WICHITA	213
		KSD007234313	RICH RAINT MFG	SOUTH HUTCHINSON WICHITA	200 197
			SUNFLOWER ARMY AMMUNITION PLANT	DE SOTO	197
			CINCLAID OIL CODD	KANCAC CITEM	188
			CHASE TRANSP CO	EL DORADO KANSAS CITY	178
			CERTAIN TEED CORP	KANSAS CITY	152
		KSR000001404	K C COATINGS	SHAWNEE	134
	34	KSD000819086		GARDEN CITY	124
	35	KSR000005033	DYMON INC	OLATHE	120
	36	KSD981711260	PLASTIC PACKAGING CORP	KANSAS CTTY	117
		KSD007127046		KANSAS CITY	117
	38	KSD073323081	AIR CAPITOL PLATING INC	WICHITA	116
	39	KSD058924689	GNB INC	KANSAS CITY	108
	40	KSD043063247	PANHANDLE EASTERN PIPE LINE CO/HUGOTON	HUGOTON	106
	41	KSD043941590	PHILIPS LIGHTING CO	SALINA	90
	42	KSD000687699	CHASE TERMINAL CO	SCOTT CITY	87
	43	KSP000000707	M R V INC	TOPEKA	84
			ASTOR UNIVERSAL NATIONAL FAC	LAWRENCE	84
			PEERLESS PRODUCTS INC	FORT SCOTT	80
				TOPEKA	79
	47	KSD007130032	PROCTER & GAMBLE MFG CO	KANSAS CITY	74
	48	KSD007120751	PURITAN BENNETT AERO SYS CO	LENEXA	74
	49	KSD093503498	BINNEY & SMITH INC	WINFIELD	72
	50	A3UUUUU2U5856	FIBERGLASS ENGINEERING INC	NEODESHA	69
	TOTAL				125 040

135,248

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 12

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 282,466 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

	II DINCOLDI ICCI	II III III II II II II II II II II II I		OUANTITY
RAN	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	KSD007482029	VULCAN MATERIALS CO	WICHITA	151,935
2	KSD980633259	SYSTECH ENVIRONMENTAL CORP	FREDONIA	55,196
3	KSD031203318	ASH GROVE CEMENT PLANT	CHANUTE	30,841
4	KSD980739999	HERCULES CEMENT CO	INDEPENDENCE	22,722
	KSD007246846	LAIDLAW ENVIRONMENTAL SVC INC	WICHITA	11,935
6	KSD981506025	LAIDLAW ENVIRONMENTAL SERVICES ARAGON	COFFEYVILLE	7,412
-	'KSD000809723	SAFETY KLEEN CORP	WICHITA	808
8	KSD980973515	SAFETY KLEEN CORP	EDWARDSVILLE	661
9	KSD057889313	ASHLAND CHEMICAL CO	KANSAS CITY	447
10	KSD980686844	SAFETY KLEEN CORP	DODGE CITY	299
11	KS0213820467	KANSAS ARMY AMMUNITION PLANT	PARSONS	129
12	KSD000809715	VAN WATERS & ROGERS INC	WICHITA	81

TOTAL 282,466

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	7,541	2.8	3	42.9
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	53,563	20.0	2	28.6
FUEL BLENDING	M061	55,277	20.6	2	28.6
DEEPWELL / UNDERGROUND INJECTION	M134	151,935	56.6	1	14.3
TOTAL		268,316	100.0	7	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	151,935	56.6	1	14.3
FUEL BLENDING	M061	55,277	20.6	2	28.6
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	53,563	20.0	2	28.6
INCINERATION	M041-M049	7,541	2.8	3	42.9
TOTAL		268,316	100.0	7	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	7,541	2.8	3	42.9
FUEL BLENDING	M061	55,277	20.6	2	28.6
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	53,563	20.0	2	28.6
DEEPWELL / UNDERGROUND INJECTION	M134	151,935	56.6	1	14.3
TOTAL		268,316	100.0	7	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 117,719 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 36,336 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 348

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 192,318 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	SITE NAME	CITY	TOTAL GENERATED (TONS)
1 EVD0E3340100	SITE NAME SAFETY-KLEEN CORP. GALLATIN STEEL COMPANY ROHM & HAAS KY, INC. LWD INC		(TONS)
2 KVD095346106	CALLATIN CTEFI COMDANY	MADCAM	20,032
2 KVD005115257	DOUM C. UNIC KY THO	TOTITOVITTE	12 76/
4 KAD000330017	IND INC	LOUISVILLE CALVERT CITY CATLETTSBURG	10 251
5 KAD000430017	ACUIAND DETECT FIIM COMDANY	CATI PTTCDIDC	9 061
6 KYD006370175	ASHLAND PETROLEUM COMPANY ISP CHEMCIALS INC.	CALVERT CITY	6 692
7 KYD991277112	NEWPORT STEEL CORP WILDER PLANT	WILDER	5.257
8 KVD161955380	TOYOTA MOTOR MANUFACTURING USA. INC.	GEORGETOWN	3,23,
9 KYD006373922	ELF ATOCHEM NORTH AMERICA	CARROLLTON	3,473
10 KYR00004994	TOYOTA MOTOR MANUFACTURING USA. INC. ELF ATOCHEM NORTH AMERICA DUPONT DOW ELASTOMERS LLC FORD MOTOR CO KY. TRUCK PLANT KENTUCKY ELECTRIC STEEL, INC. NSA, DIVISION OF SOUTHWIRE COMPANY ELF ATOCHEM NORTH AMERICA INC. BEKAERT CORPORATION SHERWIN WILLIAMS CO AKZO NOBEL RESINS ALCAN INGOT, SEBREE ALUMINUM PLANT DOW CORNING CORPORATION STEEL TECHNOLOGIES INC.	LOUITSVILLE	3,388
11 KYD053351227	FORD MOTOR CO KY. TRUCK PLANT	LOUISVILLE	3,369
12 KYD000207282	KENTUCKY ELECTRIC STEEL, INC.	ASHLAND	3,240
13 KYD049062375	NSA, DIVISION OF SOUTHWIRE COMPANY	HAWESVILLE	3,098
14 KYD006370159	ELF ATOCHEM NORTH AMERICA INC.	CALVERT CITY	2,823
15 KYD985079797	BEKAERT CORPORATION	SHELBYVILLE	2,765
16 KYD082390394	SHERWIN WILLIAMS CO	RICHMOND	2,442
17 KYD070814033	AKZO NOBEL RESINS	LOUISVILLE	2,002
18 KYD058692526	ALCAN INGOT, SEBREE ALUMINUM PLANT	HENDERSON	1,915
19 KYD042943985	DOW CORNING CORPORATION	CARROLLTON	1,852
20 KY0000693424	DOW CORNING CORPORATION STEEL TECHNOLOGIES INC.	GHENT	1,765
21 KYD053350229	VANDERBILT CHEMICAL CORPORATION	MURRAY	1,251
22 KYD005013032	VANDERBILT CHEMICAL CORPORATION AK STEEL CORPORATION (COKE PLANT)	ASHLAND	1,229
23 KYD071315899	FORD MOTOR COMPANY-LOU. ASSEMBLY PLANT	LOUISVILLE	1,219
24 KYD062951801	GREEN RIVER STEEL CORPORATION	OWENSBORO	1,195
25 KY8213820105	BLUEGRASS ARMY DEPOT RICHMOND	RICHMOND	1,042
26 KYD981027469	GREEN RIVER STEEL CORPORATION BLUEGRASS ARMY DEPOT RICHMOND SAFETY-KLEEN CORP. (-4-090-01) SHERWIN-WILLIAMS AUTOMOTIVE DIST AMBRAKE CORPORATION CALGON CARBON CORPORATION AIR PRODUCTS AND CHEMICALS, INC. WORLDSOURCE COIL COATING, INC. MIDWEST ENVIRONMENTAL KENDALL COMPANY OLIN CORPORATION	LEXINGTON	874
27 KY0001002450	SHERWIN-WILLIAMS AUTOMOTIVE DIST	RICHMOND	844
28 KYD981753197	AMBRAKE CORPORATION	ELIZABETHTOWN	013
29 KYD005009923	CALGON CARBON CORPORATION	CATLETTSBURG	781
30 KYD055831838	AIR PRODUCTS AND CHEMICALS, INC.	CALVERT CITY	748
31 KYD985072156	WORLDSOURCE COIL COATING, INC.	HAWESVILLE	728
32 KYD000821942	MIDWEST ENVIRONMENTAL	LOUISVILLE	701 609
33 KYD062979158	OLIN CORPORATION	FRANKLIN	
35 KYD058691031	COMMONWEALTH ALUMINUM CORPORATION	BRANDENBURG	564 532
36 KYD045739471	COMMONWEALTH ALOMINUM CORPORATION	LEWISPORT CORBIN	532
	AMERICAN GREETINGS CORPORATION ATR WIRE & CABLE CO INC	DANVILLE	529
38 KYD981852502		DAYHOIT	526
	KUDDEBG INDIIGTBIEG	GUTHRIE	526
	YUASA-EXIDE, INC.	RICHMOND	522
41 KYD006384531	HARSHAW CHEMICAL CO	LOUISVILLE	488
42 KYD005383385	YUASA-EXIDE, INC. HARSHAW CHEMICAL CO GAMCO PRODUCTS COMPANY	HENDERSON	483
43 KYD981029457	EXCEL MANUFACTURING OF KENTUCKY	FULTON	475
44 KYD985083146	REGIONAL AIRPORT AUTHORITY OF LOUISVILLE	LOUISVILLE	437
45 KYD981027451	SAFETY-KLEEN CORP. (4-075-01)	ASHLAND	422
46 KYD094203213	QUEBECOR PRINTING FRANKLIN	FRANKLIN	414
47 KYD006370167	SAFETY-KLEEN CORP. (4-075-01) QUEBECOR PRINTING FRANKLIN BF GOODRICH SOUTHSHORE TERMINAL INC	CALVERT CITY	407
48 KYR000010132	SOUTHSHORE TERMINAL INC	SILOAM WINCHESTER	386
49 KYD981923147	CONTECH CONSTRUCTION PRODUCTS, INC.	WINCHESTER	370
50 KYD006382253	COURTAULDS COATINGS INC	LOUISVILLE	366
TOTAL			150 250

178,372

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	20,217	ONLY AN F CODE	20,233		
ONLY CORROSIVE	2,356	ONLY A K CODE	49,456		
ONLY REACTIVE	294	ONLY A P CODE	3		
ONLY D004-17	5,593	ONLY A U CODE	398		
ONLY D018-43	3,231				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	17,529	LISTED CODE	8		
TOTAL	49,219	TOTAL	70,098	BOTH CHARACTERISTIC & LISTED	72,979

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	12,314			IGN. W/ AT LEAST 1 LSTD	67,259
HAS CORROSIVE CODE	2,033			CORR. W/ AT LEAST 1 LSTD	2,908
HAS REACTIVE CODE	3,969			REACT. W/ AT LEAST 1 LSTD	463
HAS D004-D017 CODE	8,653			D004-17 W/ AT LEAST 1 LSTD	10,444
HAS D018-D043 CODE	11,484			D018-43 W/ AT LEAST 1 LSTD	12,215
		HAS AN F CODE	8	F WASTE W/ AT LEAST 1 CHAR	68,694
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	4,543
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	1
		HAS A U CODE	8	U WASTE W/ AT LEAST 1 CHAR	276
TOTAL	17,529	TOTAL	8	TOTAL	72,979

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 28

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 85,575 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

DANIE	DDA TD	CIER NAME	CT TO	TONS OF WASTE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	KYD088438817	LWD INC	CALVERT CITY	30,383
2	KYD053348108	SAFETY-KLEEN CORP.	SMITHFIELD	26,547
3	KYD006390017	ROHM & HAAS KY, INC.	LOUISVILLE	13,449
4	KYD005009923	CALGON CARBON CORPORATION	CATLETTSBURG	7,125
5	KYD006373922	ELF ATOCHEM NORTH AMERICA	CARROLLTON	2,597
6	KYD006370159	ELF ATOCHEM NORTH AMERICA INC.	CALVERT CITY	2,271
7	KYD985073196	LWD SANITARY LANDFILL, INC.	CALVERT CITY	2,234
8	KYD000821942	MIDWEST ENVIRONMENTAL	LOUISVILLE	862
9	KYD000770313	ENVIRONMENTAL CONSERVATION SYSTEMS, INC.	BROOKS	76
10	KY6210020479	USAARMC AND FORT KNOX	FORT KNOX	28
11	KYD044914356	UNIVERSAL FASTENERS INC.	LAWRENCEBURG	1
11	KYD980840029	UNIVERSITY OF LOUISVILLE	LOUISVILLE	1

TOTAL

85,575

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	29	.0	2	16.7
SOLVENTS RECOVERY	M021-M029	748	.9	2	16.7
OTHER RECOVERY	M031-M039	7,125	8.3	1	8.3
INCINERATION	M041-M049	35,251	41.2	3	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	13,449	15.7	1	8.3
FUEL BLENDING	M061	26,739	31.2	3	25.0
STABILIZATION	M111-M119	2,234	2.6	1	8.3
ΤΟΤΔΙ.		85 575	100 0	12	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	M041-M049	35,251	41.2	3	25.0
FUEL BLENDING	M061	26,739	31.2	3	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	13,449	15.7	1	8.3
OTHER RECOVERY	M031-M039	7,125	8.3	1	8.3
STABILIZATION	M111-M119	2,234	2.6	1	8.3
SOLVENTS RECOVERY	M021-M029	748	.9	2	16.7
METALS RECOVERY (FOR REUSE)	M011-M019	29	.0	2	16.7
TOTAL		85,575	100.0	12	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	26,739	31.2	3	25.0
INCINERATION	M041-M049	35,251	41.2	3	25.0
METALS RECOVERY (FOR REUSE)	M011-M019	29	.0	2	16.7
SOLVENTS RECOVERY	M021-M029	748	.9	2	16.7
OTHER RECOVERY	M031-M039	7,125	8.3	1	8.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	13,449	15.7	1	8.3
STABILIZATION	M111-M119	2,234	2.6	1	8.3
TOTAL		85,575	100.0	12	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 328

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 190,550 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4			A HAZARDOUS WASTE SHIPPERS, 1997		OHANTTEN
	RANK	EPA ID	SITE NAME SAFETY-KLEEN CORP. LWD INC GALLATIN STEEL COMPANY LWD SANITARY LANDFILL, INC. ISP CHEMCIALS INC.	CITY SMITHFIELD CALVERT CITY WARSAW CALVERT CITY CALVERT CITY WILDER GEORGETOWN LOUISVILLE LOUISVILLE LOUISVILLE ASHLAND HAWESVILLE SHELBYVILLE RICHMOND HENDERSON CARROLLTON GHENT CATLETTSBURG MURRAY ASHLAND LOUISVILLE OWENSBORO LEXINGTON CARROLLTON RICHMOND LOUISVILLE	QUANTITY SHIPPED (TONS)
	1	KYD053348108	SAFETY-KLEEN CORP	SMITHFIELD	47 223
	2	KYD088438817	I.WD INC	CALVERT CITY	28 363
	3	KYD985115237	GALLATIN STEEL COMPANY	WARSAW	27 727
	4	KYD985073196	IWD SANITARY LANDFILL. INC.	CALVERT CITY CALVERT CITY	10.165
	5	KYD006370175	ISP CHEMCIALS INC	CALVERT CITY	6.692
	6	KYD991277112	NEWPORT STEEL CORP WILDER PLANT	WILDER	5,257
	7	KYD161955380	NEWPORT STEEL CORP WILDER PLANT TOYOTA MOTOR MANUFACTURING USA. INC.	GEORGETOWN	3,441
	8	KYR000004994	DUPONT DOW ELASTOMERS LLC	LOUISVILLE	3,388
		KYD053351227	FORD MOTOR CO KY. TRUCK PLANT	LOUISVILLE	3,369
	10	KYD000207282	FORD MOTOR CO KY. TRUCK PLANT KENTUCKY ELECTRIC STEEL, INC.	LOUISVILLE LOUISVILLE ASHLAND HAWESVILLE SHELBYVILLE	3,240
	11	KYD049062375	NSA, DIVISION OF SOUTHWIRE COMPANY	HAWESVILLE	3,125
	12	KYD985079797	BEKAERT CORPORATION	SHELBYVILLE	2,765
	13	KYD082390394	SHERWIN WILLIAMS CO	RICHMOND	2,442
	14	KYD058692526	ALCAN INGOT, SEBREE ALUMINUM PLANT DOW CORNING CORPORATION STEEL TECHNOLOGIES INC.	HENDERSON	1,915
	15	KYD042943985	DOW CORNING CORPORATION	CARROLLTON	1,852
	16	KY0000693424	STEEL TECHNOLOGIES INC. ASHLAND PETROLEUM COMPANY	GHENT	1,765
	17	KYD041376138	ASHLAND PETROLEUM COMPANY	CATLETTSBURG	1,673
	18	KYD053350229	VANDERBILT CHEMICAL CORPORATION	MURRAY	1,251
	19	KYD005013032	AK STEEL CORPORATION (COKE PLANT)	ASHLAND	1,229
	20	KYD071315899	FORD MOTOR COMPANY-LOU. ASSEMBLY PLANT	LOUISVILLE	1,219
	21	KYD062951801	GREEN RIVER STEEL CORPORATION	OWENSBORO	1,195
	22	KYD981027469	GREEN RIVER STEEL CORPORATION SAFETY-KLEEN CORP. (-4-090-01) ELF ATOCHEM NORTH AMERICA	LEXINGTON	934
	2.3	KYD0063/3922	SHERWIN-WILLIAMS AUTOMOTIVE DIST	CARROLLTON	844
			MIDWECE ENVIRONMENTAL	RICHMOND	835
		KYD070814033	MIDWEST ENVIRONMENTAL AKZO NOBEL RESINS	RICHMOND LOUISVILLE LOUISVILLE ELIZABETHTOWN CATLETTSBURG RICHMOND CALVERT CITY HAWESVILLE FRANKLIN CALVERT CITY BRANDENBURG LEWLEDORT	831
		KYD981753197	AKZO NOBEL RESINS AMBRAKE CORPORATION CALGON CARBON CORPORATION	ELIZABETHTOWN	813
		KYD005009923	CALGON CARRON CORPORATION	CATLETTSRIEG	781
		KY8213820105	BLUEGRASS ARMY DEPOT RICHMOND AIR PRODUCTS AND CHEMICALS, INC. WORLDSOURCE COIL COATING, INC.	RICHMOND	769
		KYD055831838	AIR PRODUCTS AND CHEMICALS, INC.	CALVERT CITY	748
		KYD985072156	WORLDSOURCE COIL COATING, INC.	HAWESVILLE	728
	32	KYD062979158	KENDALL COMPANY	FRANKLIN	609
	33	KYD006370159	ELF ATOCHEM NORTH AMERICA INC.	CALVERT CITY	577
	34	KYD006396246	OLIN CORPORATION	BRANDENBURG	564
		KYD058691031	COMMONWEALTH ALOMINUM CORPORATION	LEWISPORT	532
			ATR WIRE & CABLE CO INC	DANVILLE	529
			COOPER INDUSTRIES/NATIONAL ELECTRIC	DAYHOIT	526
	38	KYD006383392	KOPPERS INDUSTRIES YUASA-EXIDE, INC. SAFETY-KLEEN CORP. (4-075-01) HARSHAW CHEMICAL CO	GUTHRIE	526
	39	KYD070219571	YUASA-EXIDE, INC.	RICHMOND	522
	40	KYD981027451	SAFETY-KLEEN CORP. (4-075-01)	ASHLAND	506
		1112000001001	material control	LOUISVILLE	488
		KYD005383385		HENDERSON FULTON	483 475
		KYD045739471	AMEDICAN OPERTINGS CODDODATION	CORBIN	472
		KYD006370167	EXCEL MANUFACTURING OF KENTUCKY AMERICAN GREETINGS CORPORATION BF GOODRICH	CALVERT CITY	449
			REGIONAL AIRPORT AUTHORITY OF LOUISVILLE		437
				SILOAM	386
			CONTECH CONSTRUCTION PRODUCTS, INC.		370
	49	KYD006382253	COURTAULDS COATINGS INC	LOUISVILLE	366
		KYD980837777		RICHMOND	341
	TOTAL				156 610

176,613

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 8

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 95,693 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	KYD053348108	SAFETY-KLEEN CORP.	SMITHFIELD	35,543
2	KYD088438817	LWD INC	CALVERT CITY	30,993
3	KYD985073196	LWD SANITARY LANDFILL, INC.	CALVERT CITY	20,899
4	KYD005009923	CALGON CARBON CORPORATION	CATLETTSBURG	7,125
5	KYD000821942	MIDWEST ENVIRONMENTAL	LOUISVILLE	988
6	KYD981027451	SAFETY-KLEEN CORP. (4-075-01)	ASHLAND	80
7	KYD981027469	SAFETY-KLEEN CORP. $(-4-090-01)$	LEXINGTON	60
8	KYD980840029	UNIVERSITY OF LOUISVILLE	LOUISVILLE	4

TOTAL 95,693

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF OUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	747	1.1	1	20.0
OTHER RECOVERY	M031-M039	7,125	10.6	1	20.0
INCINERATION	M041-M049	30,383	45.2	1	20.0
FUEL BLENDING	M061	26,663	39.7	2	40.0
STABILIZATION	M111-M119	2,234	3.3	1	20.0
TOTAL		67,152	100.0	5	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF OUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	30,383	45.2	1	20.0
FUEL BLENDING	M061	26,663	39.7	2	40.0
OTHER RECOVERY	M031-M039	7,125	10.6	1	20.0
STABILIZATION	M111-M119	2,234	3.3	1	20.0
SOLVENTS RECOVERY	M021-M029	747	1.1	1	20.0
TOTAL		67,152	100.0	5	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
FUEL BLENDING	M061	26,663	39.7	2	40.0
SOLVENTS RECOVERY	M021-M029	747	1.1	1	20.0
OTHER RECOVERY	M031-M039	7,125	10.6	1	20.0
INCINERATION	M041-M049	30,383	45.2	1	20.0
STABILIZATION	M111-M119	2,234	3.3	1	20.0
TOTAL		67,152	100.0	5	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED. COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 59,856 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 155,525 TONS

TOTAL GENERATED

LOUISIANA

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 363

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 4,624,829 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	SITE NAMECYTEC INDUSTRIES INC RUBICON INC	CITY	(TONS)
1	LAD008175390	CYTEC INDUSTRIES INC	WAGGAMAN	1,843,575
		RUBICON INC	GEISMAR	1,532,487
3	LAD001890367	DUPONT & DUPONT DOW ELASTOMERS INC	LAPLACE	453,387
4	LAD000777201	CHEMICAL WASTE MANAGEMENT ANGUS CHEMICAL COMPANY LOUISIANA PIGMENT COMPANY L P PPG INDUSTRIES INC THE DOW CHEMICAL COMPANY GEORGIA GULF CORPORATION CHALMETTE REFINERY	SULPHUR	140,240
5	LAD020597597	ANGUS CHEMICAL COMPANY	STERLINGTON	91,523
6	LAD985185149	LOUISIANA PIGMENT COMPANY L P	WESTLAKE	69,857
./	LAD008086506	PPG INDUSTRIES INC	WESTLAKE	39,971
8	LAD008187080	THE DOW CHEMICAL COMPANY	PLAQUEMINE	38,256
10	LADU5/11/434	GEORGIA GULF CORPORATION	PLAQUEMINE	35,831
10	LAD008179707 LAD980622104	CHALMETTE REFINERY	CHALMETTE MODGO	28,775
		SHELL OIL COMPANY NORCO W SITE CHEMICAL	NORCO	23,740 22,788
12	TAD000010230	CECOS INTERNATIONAL INC. ARCO CHEMICAL COMPANY TUBOSCOPE INC	MESITAKE	20,889
1.0	LARUUUU10333	TUDOGGODE ING	MESILARE	18,200
	LAD000777102 LAD008184137	EXIDE CORP - SCHUYKILL METALS DIVISION	MORGAN CITT	17,690
16	LADUU010413/	EVIDE COKL - SCHOLVIPT WEISTS DIVISION	TUIDODAIIV	16,875
17	TAD086478047	CONDEA VICTA COMDANY	WESTLAKE	16,625
1.8	T.AD040776809	BASE CORDORATION	CFISMAR	15,326
19	T.AD040770003	DIPAMOOD TREATING COMPANY	AT.FYANDD TA	14,989
20	T.AD980796635	TIROSCODE	AMET.TA	14,460
21	LAR000005926	CXY CHEMICALS USA	HAHNVILLE	13,661
22	LAD041224932	SPRAYFAB LLC CONDEA VISTA COMPANY BASF CORPORATION DURAWOOD TREATING COMPANY TUBOSCOPE CXY CHEMICALS USA FORMOSA PLASTICS CORP LA	BATON ROUGE	11,696
23	LAD000778381	EXXON CHEMICAL COMPANY-BR PLASTICS PLANT	BATON ROUGE	11,498
24	LAD041581422	UNION CARBIDE CORP TAFT PLANT	TAFT	10,728
25	LAD990683716	CONOCO INC LAKE CHARLES REFINERY	WESTLAKE	10,382
26	LAD003913316	OCCIDENTAL CHEMICAL CORP	HAHNVILLE	10,295
27	LAD094919339	EXXON CHEMICAL COMPANY-BR PLASTICS PLANT UNION CARBIDE CORP TAFT PLANT CONOCO INC LAKE CHARLES REFINERY OCCIDENTAL CHEMICAL CORP BAYOU STEEL CORPORATION TT BARGE CLEANING, MELE 183 RIVERWOOD INTERNATIONAL GNB TECHNOLOGIES EXXON CHEMICALS AMERICA NOVARTIS CROP PROTECTION INC MURPHY OIL USA INC MERAUX REFINERY UNIROYAL CHEMICAL COMPANY INC	LA PLACE	9,607
28	LAD980870794	TT BARGE CLEANING, MELE 183	MODESTE	7,150
29	LAR000018598	RIVERWOOD INTERNATIONAL	WEST MONROE	6,636
30	LAD058530510	GNB TECHNOLOGIES	SHREVEPORT	5,286
31	LAD000812818	EXXON CHEMICALS AMERICA	BATON ROUGE	5,065
32	LAD053783445	NOVARTIS CROP PROTECTION INC	ST GABRIEL	4,982
33	LAD008058471	MURPHY OIL USA INC MERAUX REFINERY	MERAUX	4,063
34	LAD008194060	UNIROYAL CHEMICAL COMPANY INC	GEISMAR	4,040
35	LAD092681824	MURPHY OIL USA INC MERAUX REFINERY UNIROYAL CHEMICAL COMPANY INC VULCAN CHEMICALS	GEISMAR	3,824
36	LAD079464095	LAIDLAW ENVIRONMENTAL SERVICES (RECOVERY	RAYNE	3,778
37	LAD055018717	TRINITY MARINE BATON ROUGE	BATON ROUGE	3,582
38	LAD062662887	TRINITY MARINE BATON ROUGE EXXON CO USA BATON ROUGE REFINERY SHELL NORCO REFINING COMPANY DSI TRANSPORTS INC BP OIL COMPANY ALLIANCE REFINERY CECOS INTERNATIONAL INC UNION CARBIDE CORP	BATON ROUGE	3,142
39	LAD008186579	SHELL NORCO REFINING COMPANY	NORCO	3,016
40	LAD070672605	DSI TRANSPORTS INC	BATON ROUGE	2,073
41	LAD056024391	BP OIL COMPANY ALLIANCE REFINERY	BELLE CHASSE	1,909
42	LAD000618298	CECOS INTERNATIONAL INC	LIVINGSTON	1,789
43	LAR000004598	UNION CARBIDE CORP	NORCO	1,592
44	LAD008073439	FIRESTONE SYNTHETIC RUBBER AND LATEX CO	SULPHUR	1,569
45	LADU81999724	MARATHON ASHLAND PETROLEUM LLC	GAKYVILLE	1,363
46	LAKUUUULL635	MARATHON ASHLAND PETROLEUM LLC SHELL OIL COMPANY RHONE POULENC INC	NUKCU	1,237
4/	TAD003013440	RHONE POULENC INC	BAIUN KUUGE	1,152
		BORDEN CHEMICALS & PLASTICS, OLP (BCP)	GELOWAK	964
	LAD098168206 LAD008158289	OCCIDENTAL CHEMICAL CORP EVANS COOPERAGE COMPANY INC	CONATA	920 904
50	TWD000120703	EVAND COOPERAGE COMPANI INC	CITY WAGGAMAN GEISMAR LAPLACE SULPHUR STERLINGTON WESTLAKE WESTLAKE WESTLAKE PLAQUEMINE PLAQUEMINE CHALMETTE NORCO WESTLAKE MORGAN CITY BATON ROUGE THIBODAUX WESTLAKE GEISMAR ALEXANDRIA AMELIA HAHNVILLE BATON ROUGE BATON ROUGE BATON ROUGE STAFT WESTLAKE MODESTE WEST MONROE SHREVEPORT BATON ROUGE ST GABRIEL MERAUX GEISMAR RAYNE BATON ROUGE BATON ROUGE ST GABRIEL MERAUX GEISMAR RAYNE BATON ROUGE BATON ROUGE ST GABRIEL MERAUX GEISMAR RAYNE BATON ROUGE BATON ROUGE BATON ROUGE BATON ROUGE ST GABRIEL MERAUX GEISMAR RAYNE BATON ROUGE GEISMAR CONVENT HARVEY	904

4,603,384

NOTE:

TOTAL

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY CHARACTERISTIC	TONS OF WASTE	WASTE HAS ONLY	TONS OF WASTE	WASTE HAS BOTH CHARACTERISTIC	TONS OF WASTE
CODES	GENERATED	LISTED CODES	GENERATED	AND LISTED CODES	GENERATED
ONLY IGNITABLE	42,619	ONLY AN F CODE	44,164		
ONLY CORROSIVE	540,901	ONLY A K CODE	486,560		
ONLY REACTIVE	35,874	ONLY A P CODE	295		
ONLY D004-17	28,840	ONLY A U CODE	1,213		
ONLY D018-43	54,558				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	1,112,868	LISTED CODE	23,192		
TOTAL	1.815.659	TOTAL	555.424	BOTH CHARACTERISTIC & LISTED	2.253.721

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	134,397			IGN. W/ AT LEAST 1 LSTD	172,992
HAS CORROSIVE CODE	341,574			CORR. W/ AT LEAST 1 LSTD	126,269
HAS REACTIVE CODE	722,657			REACT. W/ AT LEAST 1 LSTD	63
HAS D004-D017 CODE	117,606			D004-17 W/ AT LEAST 1 LSTD	32,750
HAS D018-D043 CODE	1,083,394			D018-43 W/ AT LEAST 1 LSTD	2,043,035
		HAS AN F CODE	21,994	F WASTE W/ AT LEAST 1 CHAR	1,553,355
		HAS A K CODE	20,957	K WASTE W/ AT LEAST 1 CHAR	1,988,191
		HAS A P CODE	3,872	P WASTE W/ AT LEAST 1 CHAR	448
		HAS A U CODE	5,607	U WASTE W/ AT LEAST 1 CHAR	4,366
TOTAL	1,112,868	TOTAL	23,192	TOTAL	2,253,721

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 57

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 4,503,985 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	SITE NAME	CITY	MANAGED
1	LAD008175390	CYTEC INDUSTRIES INC	WAGGAMAN	1,843,383
2	LAD008213191	RUBICON INC	GEISMAR	1,529,616
3	LAD001890367	DUPONT & DUPONT DOW ELASTOMERS INC	LAPLACE	455,630
4	LAD000777201	CHEMICAL WASTE MANAGEMENT	SULPHUR	193,215
5	LAD020597597	ANGUS CHEMICAL COMPANY	STERLINGTON	91,165
			WESTLAKE	78,573
7	LAD000778514	LAIDLAW ENVIRONMENTAL SVCS PLAQUEMINES	PLAQUEMINE	45,160
8	LAD008187080	THE DOW CHEMICAL COMPANY	PLAQUEMINE	39,570
9	LAD057117434	GEORGIA GULF CORPORATION	PLAQUEMINE	35,012
10	LAD000618256	CECOS INTERNATIONAL INC.	WESTLAKE	28,334
	LAD008179707		CHALMETTE	27,923
		SHELL OIL COMPANY NORCO W SITE CHEMICAL	NORCO	23,165
	LAD008184137		BATON ROUGE	20,055
	LAD008161234	RHONE POULENC INC	BATON ROUGE	18,608
	LAR000018333		WESTLAKE	17,137
	LAD000778381			11,445
		BASF CORPORATION	GEISMAR	10,543
	LAD058472721		BRAITHWAITE	8,982
	LAD041581422	UNION CARBIDE CORP TAFT PLANT	TAFT	8,807
	LAD053783445	NOVARTIS CROP PROTECTION INC	ST GABRIEL	5,655
	LAD079464095	LAIDLAW ENVIRONMENTAL SERVICES (RECOVERY		5,511
	LAD092681824	VULCAN CHEMICALS	GEISMAR	3,072
	LAD059130831		ADDIS	1,287
	LAD081999724		GARYVILLE	1,030
	LAD034199802		BELLE CHASSE	370
	LA0000365668		HAMMOND	348
	LAD981513021		LAKE CHARLES	166
		LAIDLAW ENVIRONMENTAL SERVICES B R INC		106
	LAD008080350	CITGO PETROLEUM CORPORATION	LAKE CHARLES	70
	LAD985170299	X RAY UNLIMITED	ALEXANDRIA	38 7
3 L	LAD062662887	EXXON CO USA BATON ROUGE REFINERY	BATON ROUGE	7

TOTAL

4,503,985

TONS OF WASTE

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE. FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	12,239	.3	6	19.4
SOLVENTS RECOVERY	M021-M029	43,894	1.0	4	12.9
OTHER RECOVERY	M031-M039	59,537	1.3	5	16.1
INCINERATION	M041-M049	103,039	2.3	9	29.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	108,834	2.4	10	32.3
FUEL BLENDING	M061	5,560	.1	3	9.7
SLUDGE TREATMENT	M101-M109	70	.0	1	3.2
STABILIZATION	M111-M119	86,824	1.9	3	9.7
LAND TREATMENT / APPLICATION / FARMING	M131	1,022	.0	1	3.2
LANDFILL	M132	125,828	2.8	2	6.5
DEEPWELL / UNDERGROUND INJECTION	M134	3,957,139	87.9	6	19.4
TOTAL		4,503,985	100.0	31	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	3,957,139	87.9	6	19.4
LANDFILL	M132	125,828	2.8	2	6.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	108,834	2.4	10	32.3
INCINERATION	M041-M049	103,039	2.3	9	29.0
STABILIZATION	M111-M119	86,824	1.9	3	9.7
OTHER RECOVERY	M031-M039	59,537	1.3	5	16.1
SOLVENTS RECOVERY	M021-M029	43,894	1.0	4	12.9
METALS RECOVERY (FOR REUSE)	M011-M019	12,239	.3	6	19.4
FUEL BLENDING	M061	5,560	.1	3	9.7
LAND TREATMENT / APPLICATION / FARMING	M131	1,022	.0	1	3.2
SLUDGE TREATMENT	M101-M109	70	.0	1	3.2
TOTAL		4,503,985	100.0	31	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	108,834	2.4	1.0	32.3
INCINERATION	M041-M049	103,039	2.3	9	29.0
DEEPWELL / UNDERGROUND INJECTION	M134	3,957,139	87.9	6	19.4
METALS RECOVERY (FOR REUSE)	M011-M019	12,239	.3	6	19.4
OTHER RECOVERY	M031-M039	59,537	1.3	5	16.1
SOLVENTS RECOVERY	M021-M029	43,894	1.0	4	12.9
FUEL BLENDING	M061	5,560	.1	3	9.7
STABILIZATION	M111-M119	86,824	1.9	3	9.7
LANDFILL	M132	125,828	2.8	2	6.5
LAND TREATMENT / APPLICATION / FARMING	M131	1,022	.0	1	3.2
SLUDGE TREATMENT	M101-M109	70	.0	1	3.2
TOTAL		4,503,985	100.0	31	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

LOUISIANA

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 350

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 239,401 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	CHEMICAL WASTE MANAGEMENT TUBOSCOPE INC SPRAYFAB LLC CONDEA VISTA COMPANY TUBOSCOPE CXY CHEMICALS USA FORMOSA PLASTICS CORP LA BAYOU STEEL CORPORATION RIVERWOOD INTERNATIONAL TT BARGE CLEANING, MELE 183 GNB TECHNOLOGIES PPG INDUSTRIES INC EXXON CHEMICALS AMERICA LAIDLAW ENVIRONMENTAL SERVICES B R INC BASF CORPORATION UNIROYAL CHEMICAL COMPANY INC LAIDLAW ENVIRONMENTAL SERVICES (RECOVERY ARCO CHEMICAL COMPANY TRINITY MARINE BATON ROUGE EXXON CO USA BATON ROUGE REFINERY RUBICON INC GEORGIA GULF CORPORATION NOVARTIS CROP PROTECTION INC DSI TRANSPORTS INC UNION CARBIDE CORP TAFT PLANT BP OIL COMPANY ALLIANCE REFINERY CECOS INTERNATIONAL INC UNION CARBIDE CORP FIRESTONE SYNTHETIC RUBBER AND LATEX CO SAFETY KLEEN CORP SHELL OIL COMPANY BROWNING FERRIS INDUSTRIES MURPHY OIL USA INC MERAUX REFINERY RHONE POULENC INC SHELL NORCO REFINING COMPANY HOBSON GALVANIZING CO INC BORDEN CHEMICALS & PLASTICS, OLP (BCP) OCCIDENTAL CHEMICAL CORP EVANS COOPERAGE COMPANY INC CHALMETTE REFINERY LAROCHE INDUSTRIES INC CITGO PETROLEUM CORPORATION OCCIDENTAL CHEMICAL CORP EVANS COOPERAGE COMPANY INC CHALMETTE REFINERY LAROCHE INDUSTRIES INC CITGO PETROLEUM CORPORATION OCCIDENTAL CHEMICALS WESTLAKE PETROCHEMICALS CORPORATION US NASA LOCKHEED MARTIN DELTECH CORPORATION P & H TUBING ALBEMARLE CORP PDC	CITY	SHIPPED (TONS)
1	 T.AD000777201	CHEMICAL WASTE MANAGEMENT	 SIII.PHIIR	26 359
2	T.AD000777201	TIROSCODE INC	MORGAN CITY	17 450
3	T.AP0000777102	SDPAVEAR I.I.C	THIRODAIIY	16 875
4	T.AD086478047	CONDEA VICTA COMDANY	WESTIAKE	16,675
	TAD000470047	TUDOCCODE	AMEL TA	10,023
6	T.AP000005936	CYV CHEMICALS HSA	HAHMUTI.I.F	13 661
7	T.AD041224932	FORMOSA DIASTICS CORD LA	RATON POHCE	11 696
ν Ω	TAD041224332	DAVOII CUEFI CODDODATION	IN DIACE	9 607
۵	T N D N N N N 1 9 1 9 3 3 9	DIVEDWOOD INTERNATION	WEST MONDOR	6 636
10	TAR000010390	TT DARCE CLEANING MELE 102	MODECTE MODECTE	6 610
11	T.AD058530510	CNR TECHNOLOGIES	MODESTE CHREVEDORT	5 286
12	T V D U U U U U U U U U U U U U U U U U U	DDC INDICTRIES INC	WECTT AVE	5,200
12	TAD000000000000000000000000000000000000	EVVON CHEMICALC AMEDICA	DATON DOLLCE	5,201
1.4	TAD010012010	EARON CHEMICALS AMERICA	DATON ROUGE	4 016
15	LAD010393127	DAGE CORPORATION	GETCHAR	4,010
16	LAD040776609	BASE CORPORATION	GEISMAR	4,610
17	LAD000194000	UNITOTAL CHEMICAL COMPANT INC	GEISMAR	2 770
1.0	LAD0/9404095	ARGO GURNIGAL GOMBANY	KAINE	3,776
10	LARUUUU10333	ARCO CHEMICAL COMPANY	WEDILARE	3,/31
19	LAD055018/1/	TRINITY MARINE BATON ROUGE	BATON ROUGE	3,545
20	LADU0200288/	EXXUN CO USA BATON ROUGE REFINERY	BATON ROUGE	3,135
2.1	LAD000213191	CEODGLA GILLE GODDODARION	GEISMAR DI AQUEMINE	2,040
22	LADU5/11/434	GEORGIA GULF CORPORATION	PLAQUEMINE	2,353
23	LADU53/83445	NOVARTIS CROP PROTECTION INC	ST GABRIEL	2,103
24	LADU/06/2605	DSI TRANSPORTS INC	BATON ROUGE	2,0/3
25	LAD041581422	UNION CARBIDE CORP TAFT PLANT	TAFT	1,919
20	LAD050024391	GEGGG TAMERDARE CARACTER REFINERS	BELLE CHASSE	1,909
27	LAD000010290	CECOS INTERNATIONAL INC	LIVINGSION	1,791
28	LARUUUUU4598	UNION CARBIDE CORP	NORCO	1,592
29	LAD0080/3439	FIRESTONE SYNTHETIC RUBBER AND LATEX CO	SULPHUR	1,569
30	LAD089841902	SAFETY KLEEN CORP	KENNER	1,466
3.T	LAD90105/441	SAFEII KLEEN CORP	PINEVILLE	1,204
32	LARUUUU11635	SHELL OIL COMPANY	NORCO	1,237
33	LAD000209700	BROWNING FERRIS INDUSTRIES	BATON ROUGE	1,232
34	LAD008058471	MURPHY OIL USA INC MERAUX REFINERY	MERAUX	1,152
35	LAD008161234	RHONE POULENC INC	BATON ROUGE	1,123
36	LAD0081865/9	SHELL NORCO REFINING COMPANY	NORCO	1,046
3 /	LADU85551810	HOBSON GALVANIZING CO INC	BELLE CHASSE	1,009
38	LAD003913449	BORDEN CHEMICALS & PLASTICS, OLP (BCP)	GEISMAR	964
39	LAD098168206	OCCIDENTAL CHEMICAL CORP	CONVENT	920
40	LAD008158289	EVANS COOPERAGE COMPANY INC	HARVEY	904
41	LAD0081/9/0/	CHALMETTE REFINERY	CHALMETTE	852
42	LAD982560955	LAROCHE INDUSTRIES INC	GRAMERCY	838
43	LAD008080350	CITGO PETROLEUM CORPORATION	LAKE CHARLES	770
44	LAD003913316	OCCIDENTAL CHEMICAL CORP	HAHNVILLE	765
45	LADU92681824	VULCAN CHEMICALS	GELSMAR	746
46	LAD985184/61	WESTLAKE PETROCHEMICALS CORPORATION	SULPHUK	742
4'/	LA48UUU14587	US NASA LOCKHEED MARTIN	NEW ORLEANS	715
48	LADUU8188583	DELTECH CORPORATION	BATON ROUGE	622
49	LAD049977101	P & H TUBING	BOSSIER CITY	605
50	LAD000757286	VULCAN CHEMICALS WESTLAKE PETROCHEMICALS CORPORATION US NASA LOCKHEED MARTIN DELTECH CORPORATION P & H TUBING ALBEMARLE CORP PDC	BATON ROUGE	579
TOTAL				001 015

221,217

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 15

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 217,080 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

		A HABARDOOD WASTE RECEIVERS, 1997		QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	LAD000777201	CHEMICAL WASTE MANAGEMENT	SULPHUR	79,931
2	LAD000778514	LAIDLAW ENVIRONMENTAL SVCS PLAQUEMINES	PLAQUEMINE	45,160
3	LAD008086506	PPG INDUSTRIES INC	WESTLAKE	43,883
4	LAD008161234	RHONE POULENC INC	BATON ROUGE	18,566
5	LAD058472721	AMAX METALS RECOVERY, INC.	BRAITHWAITE	8,982
6	LAD000618256	CECOS INTERNATIONAL INC.	WESTLAKE	5,597
7	LAD001890367	DUPONT & DUPONT DOW ELASTOMERS INC	LAPLACE	2,765
8	LAD053783445	NOVARTIS CROP PROTECTION INC	ST GABRIEL	2,712
9	LAD008184137	EXIDE CORP - SCHUYKILL METALS DIVISION	BATON ROUGE	2,367
10	LAD079464095	LAIDLAW ENVIRONMENTAL SERVICES (RECOVERY	RAYNE	1,734
11	LAD008187080	THE DOW CHEMICAL COMPANY	PLAQUEMINE	1,456
12	LAD010395127	LAIDLAW ENVIRONMENTAL SERVICES B R INC	BATON ROUGE	1,278
13	LAD981057441	SAFETY KLEEN CORP	PINEVILLE	1,256
14	LAD089841902	SAFETY KLEEN CORP	KENNER	1,215
15	LA0000365668	LAMP RECYCLERS OF LOUISIANA INC	HAMMOND	180
TOTAL				

217,080

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	11,528	5.4	3	23.1
SOLVENTS RECOVERY	M021-M029	43,883	20.7	1	7.7
OTHER RECOVERY	M031-M039	2,765	1.3	1	7.7
INCINERATION	M041-M049	6,253	3.0	4	30.8
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	16,505	7.8	1	7.7
FUEL BLENDING	M061	1,782	. 8	3	23.1
STABILIZATION	M111-M119	68,907	32.6	1	7.7
LANDFILL	M132	9,268	4.4	1	7.7
DEEPWELL / UNDERGROUND INJECTION	M134	50,756	24.0	2	15.4
TOTAL		211,647	100.0	13	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION DEEPWELL / UNDERGROUND INJECTION SOLVENTS RECOVERY ENERGY RECOVERY (REUSE AS FUEL) METALS RECOVERY (FOR REUSE) LANDFILL INCINERATION OTHER RECOVERY FUEL BLENDING	M111-M119 M134 M021-M029 M051-M059 M011-M019 M132 M041-M049 M031-M039 M061	68,907 50,756 43,883 16,505 11,528 9,268 6,253 2,765 1,782	32.6 24.0 20.7 7.8 5.4 4.4 3.0 1.3	1 2 1 1 3 1 4 1 3	7.7 15.4 7.7 7.7 23.1 7.7 30.8 7.7 23.1
TOTAL		211,647	100.0	13	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
TNOTNEDATION	M041-M049	6,253			30.8
INCINERATION		.,	3.0	4	
FUEL BLENDING	M061	1,782	.8	3	23.1
METALS RECOVERY (FOR REUSE)	M011-M019	11,528	5.4	3	23.1
DEEPWELL / UNDERGROUND INJECTION	M134	50,756	24.0	2	15.4
LANDFILL	M132	9,268	4.4	1	7.7
SOLVENTS RECOVERY	M021-M029	43,883	20.7	1	7.7
OTHER RECOVERY	M031-M039	2,765	1.3	1	7.7
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	16,505	7.8	1	7.7
STABILIZATION	M111-M119	68,907	32.6	1	7.7
TOTAL		211,647	100.0	13	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 146,521 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 173,756 TONS

TOTAL GENERATED

4,555

MAINE

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 137

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 4,758 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

PANK	EPA ID	SITE NAME	CITY	(TONS)
	EFA ID			(10N5)
		HOLTRACHEM MFG CO LLC	ORRINGTON	760
		CYRO INDUSTRIES	SANFORD	621
		CENTRAL MAINE POWER CO O'CONNOR SITE	AUGUSTA	304
		PRATT & WHITNEY	NORTH BERWICK	277
5	MED001007203	DUTITOS FIMET	LEWISTON	260
6	ME7170022019	PORTSMOUTH NAVAL SHIPYARD SPRAGUE ENERGY CORP	KITTERY	241
7	MED000841015	SPRAGUE ENERGY CORP	SOUTH PORTLAND	217
		GENERAL ELECTRIC CO ELECTRICAL DIST	AUBURN	162
9	MED001098458	NATIONAL SEMICONDUCTOR	SOUTH PORTLAND	148
10	MED041460247	BATH IRON WORKS CORPORATION	BATH	148
11	ME5000001313	FAIRCHILD SEMICONDUCTOR CORP	SOUTH PORTLAND	129
12	MED040228983	PIONEER PLASTICS CORP	AUBURN	111
13	MED980910053	SILVEX INC	WESTBROOK	89
14	MED001099308	ENGLEHARD CORPORATION	EASTPORT	76
15	MED046217352	EASTERN FINE PAPER	BREWER	63
16	MED045113495	L & I ATLANTIC	BANGOR	62
17	MED071735096	MAINE POLY INC	GREENE	57
18	MED985466358	CIANBRO PAINT/FAB SHOP	PITTSFIELD	52
19	ME5000000802	CONTROL DEVICES INC	STANDISH	52
20	MED077469864	SPRAGUE SANFORD INC	SANFORD	51
21	MED065037491	MEGA INDUSTRIES	RAYMOND	50
22	MED001096395	PRIME TANNING CO INC	BERWICK	46
23	MED985467638	PRECIS, INC D/B/A E.M.S.	WESTBROOK	44
24	MED985469279	BATH IRON WORKS CORPORATION FAIRCHILD SEMICONDUCTOR CORP PIONEER PLASTICS CORP SILVEX INC ENGLEHARD CORPORATION EASTERN FINE PAPER L & I ATLANTIC MAINE POLY INC CIANBRO PAINT/FAB SHOP CONTROL DEVICES INC SPRAGUE SANFORD INC MEGA INDUSTRIES PRIME TANNING CO INC PRECIS, INC D/B/A E.M.S. SOUTHERN MAINE INDUSTRIES SACO DEFENSE INC	GORHAM	42
25	MED001096791	SACO DEFENSE INC	SACO	42
26	ME5170024355	US NAVAL COMPUTER & TELECOMMUNICATIONS	CUTLER	39
	MED086875887		JAY	33
		MOBIL OIL #18054 PORTLAND TERMINAL	SOUTH PORTLAND	29
	MED042141408	S.D. WARREN COMPANY	WESTBROOK	26
	MED019051069		SOUTH PORTLAND	26
	MED001098011	GREAT NORTHERN PAPER INC	MILLINOCKET	25
		BATH IRON WORKS CORPORATION (PORTLAND)	PORTLAND	24
33	ME5000001040	ME TURNPIKE AUTHORITY GRAY MNTNCE FCLTY	GRAY	22
34	MED98546/6/9	BATH IRON WORKS CORP (EBMF)	BRUNSWICK	20
35	ME81/0022018	NAVAL AIR STATION	BRUNSWICK WELLS	20 19
27	MED034000179	CDEAT NODTHERN DADED INC	MILLINOCKET	17
20	MED001107031	BATH IRON WORKS CORP (EBMF) NAVAL AIR STATION SPENCER PRESS INC GREAT NORTHERN PAPER INC WEBBER TANKS INC	BUCKSPORT	15
20	MED010333700	ME ADMY NATIONAL CHARD HERE #1	AUBURN	15
4 N	MED901009223	ME ARMY NATIONAL GUARD UTES #1 CHARLIES MOTOR MALL BODY SHOP ME ARMY NATIONAL GUARD USPFO BATH IRON WORKS (HARDINGS)	AUGUSTA	14
41	ME5211890012	ME ARMY NATIONAL GUARD USPEO	AUGUSTA	13
42	MED000841056	BATH IRON WORKS (HARDINGS)	BRUNSWICK	13
		CARLETON WOOLEN MILLS DYEING & FINISHING		13
		LEMFORDER CORPORATION	BREWER	12
		UNIVERSITY OF MAINE	ORONO	11
	MED000330131		WILTON	10
		SCI TECHNOLOGY INC	AUGUSTA	9
		FALCON SHOE MFG CO KNAPP DIVISION	LEWISTON	9
			TOGUS	9
50	MED001095777	DEPT OF VETERAN'S AFFAIRS HUSSEY SEATING CO	NORTH BERWICK	8

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

TOTAL

MAINE

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	898	ONLY AN F CODE	267		
ONLY CORROSIVE	308	ONLY A K CODE	745		
ONLY REACTIVE	2	ONLY A P CODE	0		
ONLY D004-17	992	ONLY A U CODE	61		
ONLY D018-43	6				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	602	LISTED CODE	0		
TOTAL	2,808	TOTAL	1,074	BOTH CHARACTERISTIC & LISTED	873

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	414			IGN. W/ AT LEAST 1 LSTD	621
HAS CORROSIVE CODE	180			CORR. W/ AT LEAST 1 LSTD	15
HAS REACTIVE CODE	4			REACT. W/ AT LEAST 1 LSTD	36
HAS D004-D017 CODE	279			D004-17 W/ AT LEAST 1 LSTD	291
HAS D018-D043 CODE	367			D018-43 W/ AT LEAST 1 LSTD	320
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	867
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	11
TOTAL	602	TOTAL	0	TOTAL	873

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 23

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 718 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1	MED040249096	CYRO INDUSTRIES	SANFORD	400
2	MED001099746	OSRAM SYLVANIA PRODUCTS INC	WALDOBORO	299
3	MED985466358	CIANBRO PAINT/FAB SHOP	PITTSFIELD	9
4	MED037719846	DEPT OF VETERAN'S AFFAIRS	TOGUS	5
5	MED055714588	SABRE CORPORATION	RAYMOND	2
6	MED019051846	LOCKARD'S COLLISION CENTER	PORTLAND	2
7	MED985468982	FMC CORPORATION BIO PRODUCTS	ROCKLAND	1
8	MED985471895	M. GRUMBACHER	LISBON FALLS	0
9	MED985468958	DAIGLE & HOUGHTON	FORT KENT	0
10	ME7170022019	PORTSMOUTH NAVAL SHIPYARD	KITTERY	0
TOTAL				

718

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	5	.6	1	10.0
SOLVENTS RECOVERY	M021-M029	414	57.7	7	70.0
OTHER RECOVERY	M031-M039	278	38.6	1	10.0
SLUDGE TREATMENT	M101-M109	22	3.0	1	10.0
STABILIZATION	M111-M119	0	.0	1	10.0
TOTAL		718	100.0	10	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY OTHER RECOVERY SLUDGE TREATMENT METALS RECOVERY (FOR REUSE) STABILIZATION	M021-M029 M031-M039 M101-M109 M011-M019 M111-M119	414 278 22 5 0	57.7 38.6 3.0 .6	7 1 1 1	70.0 10.0 10.0 10.0
TOTAL		718	100.0	10	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	414	57.7	7	70.0
METALS RECOVERY (FOR REUSE)	M011-M019	5	. 6	1	10.0
OTHER RECOVERY	M031-M039	278	38.6	1	10.0
SLUDGE TREATMENT	M101-M109	22	3.0	1	10.0
STABILIZATION	M111-M119	0	.0	1	10.0
TOTAL		718	100.0	10	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

MAINE

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 137

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 5,104 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	HOLTRACHEM MFG CO LLC ENVIRONMENTAL COMPLIANCE CORP SAFETY-KLEEN CORP CENTRAL MAINE POWER CO O'CONNOR SITE PRATT & WHITNEY PORTSMOUTH NAVAL SHIPYARD CYPO INDUSTRIES SPRAGUE ENERGY CORP GENERAL ELECTRIC CO ELECTRICAL DIST NATIONAL SEMICONDUCTOR BATH IRON WORKS CORPORATION PIONEER PLASTICS CORP SILVEX INC MAINE POLY INC FAIRCHILD SEMICONDUCTOR CORP ENGLEHARD CORPORATION EASTERN FINE PAPER CONTROL DEVICES INC SPRAGUE SANFORD INC MEGA INDUSTRIES PRECIS, INC D/B/A E.M.S. PRIME TANNING CO INC CIANBRO PAINT/FAB SHOP SACO DEFENSE INC US NAVAL COMPUTER & TELECOMMUNICATIONS L & I ATLANTIC WAUSAU-MOSINEE PAPER CORP TECH SPEC DIV	CITY	SHIPPED (TONS)
	MED000040701	LIOI ED A GUEM MEG. GO. I I G	ODD INCHON	760
7	MED000242701	ENTITONMENTAL COMPLIANCE CODD	COUTH DODTI AND	522
2	MED019031009	CAPPTY VIEW CODD	JUIN PORILAND	445
3	MED900007010	CENTRAL MAINE DOWED CO OLCONNOD CITE	TEEDS	304
	MED010900227	DDATT C WHITEMEY	NORTH DEDWICK	276
6	MED000791001	DOPTSMOTTH NAVAL SHIDVARD	KITTEDV	241
7	MED040249096	CYRO INDUSTRIES	SANFORD	221
,	MED000841015	SPRACHE ENERGY CORP	SOUTH PORTLAND	217
9	MED051011015	GENERAL ELECTRIC CO ELECTRICAL DIST	AUBURN	162
10	MED0011018458	NATIONAL SEMICONDUCTOR	SOUTH PORTLAND	148
11	MED041460247	BATH IRON WORKS CORPORATION	BATH	148
12	MED040228983	PIONEER PLASTICS CORP	AUBURN	140
13	MED980910053	SILVEX INC	WESTBROOK	105
14	MED071735096	MAINE POLY INC	GREENE	104
15	ME5000001313	FAIRCHILD SEMICONDUCTOR CORP	SOUTH PORTLAND	79
16	MED001099308	ENGLEHARD CORPORATION	EASTPORT	77
17	MED046217352	EASTERN FINE PAPER	BREWER	72
18	ME5000000802	CONTROL DEVICES INC	STANDISH	52
19	MED077469864	SPRAGUE SANFORD INC	SANFORD	51
20	MED065037491	MEGA INDUSTRIES	RAYMOND	50
21	MED985467638	PRECIS, INC D/B/A E.M.S.	WESTBROOK	46
22	MED001096395	PRIME TANNING CO INC	BERWICK	46
23	MED985466358	CIANBRO PAINT/FAB SHOP	PITTSFIELD	43
24	MED001096791	SACO DEFENSE INC	SACO	42
25	ME5170024355	US NAVAL COMPUTER & TELECOMMUNICATIONS	CUTLER	39
26	MED045113495	L & I ATLANTIC	BANGOR	35
27	MED086875887	WAUSAU-MOSINEE PAPER CORP TECH SPEC DIV	JAY	33
20	MEDOOTOSSIGO	OSKAM SILVANIA PRODUCIS INC	MALDODOKO	34
29	MED985469279	SOUTHERN MAINE INDUSTRIES MOBIL OIL #18054 PORTLAND TERMINAL GREAT NORTHERN PAPER INC	GORHAM	29
30	MED046221115	MOBIL OIL #18054 PORTLAND TERMINAL	SOUTH PORTLAND	29
				25
		BATH IRON WORKS CORPORATION (PORTLAND)		24
		S.D. WARREN COMPANY	WESTBROOK	23
34	ME5000001040	ME TURNPIKE AUTHORITY GRAY MNTNCE FCLTY		22
35	MED985467679	BATH IRON WORKS CORP (EBMF) NAVAL AIR STATION SPENCER PRESS INC	BRUNSWICK	20
36	ME8170022018	NAVAL AIR STATION	BRUNSWICK	20
37	MED054608179	SPENCER PRESS INC	WELLS	19
38	MED001107051	SPENCER PRESS INC GREAT NORTHERN PAPER INC WEBBER TANKS INC PHILIPS ELMET ME ARMY NATIONAL GUARD UTES #1 CHARLIES MOTOR MALL BODY SHOP ME ARMY NATIONAL GUARD USPFO BATH IRON WORKS (HARDINGS)	MILLINOCKET	17
39	MED018999706	WEBBER TANKS INC	BUCKSPORT	15
40	MED001097203	PHILIPS ELMET	LEWISTON	15
41	MED981889223	ME ARMY NATIONAL GUARD UTES #1	AUBURN	15
42	MEDU189/9989	CHARLIES MOTOR MALL BODY SHOP	AUGUSTA	14
43	ME5211890012	ME ARMY NATIONAL GUARD USPFO	AUGUSTA	13
44	MED000841056	BATH IRON WORKS (HARDINGS)	BRUNSWICK	13
45	MEDUUTTZ0504	CARLETON WOOLEN MILLS DYEING & FINISHING	WINTHROP	13 12
40	MED02//14441	ENICON CHOE MEC CO ENADD DIVICION	T PWI CTON	12
41/	MEDUU1100E00	LEMFORDER CORPORATION FALCON SHOE MFG CO KNAPP DIVISION G.H. BASS CO	MILLON TOTOIN	12
48	MED001314406	U. II. DAGO CU	SANFORD	10
49	WEDU0363E3E0	US OPTICAL DISC INC SCI TECHNOLOGY INC	AUGUSTA	10
50	MEDU 2302338	SCI INCUMOROGI INC	AUGUDIA	9
TOTAL				4.066

4,866

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 2

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 344 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

| QUANTITY | RANK | EPA | ID | SITE | NAME | CITY | RECEIVED | (TONS) | CITY | CITY | RECEIVED | (TONS) | CITY | C

TOTAL

344

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

TABLES 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN MAINE THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE FROM OFFSITE IN 1997 OTHER THAN STORAGE ONLY FACILITIES.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 4,827 TONS

59,815

MARYLAND

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 327

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 63,498 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	A HAZARDOUS WASTE GENERATORS IN THE STATE, SITE NAME	CITY	TOTAL GENERATED (TONS)
1 MDD000004465	FIN-TEC INC FMC CORP MARYLAND PORT ADMIN EASTALCO ALUMINUM CO RUST OLEUM CORP SHERWIN WILLIAMS CO	 SALISBURY	20,403
2 MDD000004403	FMC COPD	BALTIMORE	10,310
3 MDD003071073	MARVIAND DORT ADMIN		6,503
4 MDD990759375	FASTALCO ALIMINUM CO	BALTIMORE FREDERICK WILLIAMSPORT BALTIMORE	2,472
5 MDD060390839	PIGT OLFIM COPD	WILLIAMSDOPT	1,890
6 MDD000215160	SHERWIN WILLIAMS CO	BALTIMORE	1,593
7 MDD053945432	BETHLEHEM STEEL SPARROWS POINT DIV	SPARROWS POINT	1,493
8 MDD985369305		CLARKSBURG	1,324
9 MDD069396711			1,275
10 MDD000619395	BALTIMORE GAS & ELECTRIC CO EXXON CO USA	BALTIMORE BALTIMORE BALTIMORE	1,044
11 MDD008424434	EXXON CO USA	BALTIMORE	980
12 MDD003091972	GM TRUCK & BUS GROUP	BALTIMORE	745
13 MDD086140944	AVISTA SHEFFIELD EAST INC	BALTIMORE	733
14 MDD985372143	EXXON CO USA GM TRUCK & BUS GROUP AVISTA SHEFFIELD EAST INC CITRUS & ALLIED ESSENCES	BELCAMP	651
15 MD3210021355	U S ARMY GARRISON ABERDEEN PROVING GRND		611
	CONDEA VISTA COMPANY	BALTIMORE	579
17 MDD003063278		BALTIMORE	560
18 MDR000015792	CAMBRIDGE MGP SITE	CAMBRIDGE	541
19 MDD980555189	CLEAN HARBORS OF BALTIMORE INC	BALTIMORE	461
20 MDD062011796	MINERAL PIGMENTS	BELTSVILLE	408
21 MDD003419090	LOCKHEED MARTIN	BALTIMORE	355
22 MDD003075942	CYTEC INDUSTRIES INC	HAVRE DE GRACE	344
23 MDRUUUUU1U5/	RET	BALTIMORE	342
24 MDD002901197	CAMBRIDGE MGP SITE CLEAN HARBORS OF BALTIMORE INC MINERAL PIGMENTS LOCKHEED MARTIN CYTEC INDUSTRIES INC BFI CARR LOWREY GLASS CO LAIDLAW ENVIRONMENTAL SERVICES SECURITY FENCE SUPPLY CONSOLIDATED PHARMACRUTICAL CROUD	BALTIMORE	330 312
26 MDD095353348	CECIDITY FENCE CUDDIV	BLADENSBURG	31 <i>2</i> 295
27 MDD03333340	CONSOLIDATED PHARMACEUTICAL GROUP	BALTIMORE	259
		ODENTON	219
29 MDD980551600	INTERNATIONAL PAPER MPR CO INC	COCKEVSVII.I.F	210
	CHOPTANK ELECTIRC COOP INC	DENTON BELTSVILLE SPARROWS POINT	187
31 MDD003255163	DURON INC	BELTSVILLE	177
32 MDD005971650	DURON INC UNITED STATES CAN CO	SPARROWS POINT	177
33 MDD980829873	UNIVERSITY OF MD AT COLLEGE PARK	COLLEGE PARK	170
34 MDR000009662	UNIVERSITY OF MD AT COLLEGE PARK ALUGLASS PACKAGING INC SIGNODE EASTERN OPERATIONS REPUBLIC ENGINEERED STEELS INCLTY P	SNOW HILL	159
35 MDD003075207	SIGNODE EASTERN OPERATIONS	BLATIMORE	145
36 MDR000001230	REPUBLIC ENGINEERED STEELS INCLTY P	BALTIMORE	137
3/ MDZ9/0390004			134
38 MDD046041885	WATKINS JOHNSON CO	GAITHERSBURG BETHESDA BALTIMORE HAGERSTOWN	124
39 MD6150004095	NATIONAL INSTITUTES OF HEALTH	BETHESDA	119
40 MDD003093507	MILLENNIUM SPECIALTY CHEMICALS	BALTIMORE	118
41 MDD982363426			103
42 MDD003082997	NOXELL CORP	HUNT VALLEY	103
43 MDD053936464	POTOMAC ELECTRIC POWER CO	NEWBURG	101
44 MDD0074933961	W R GRACE & CO	COLUMBIA HAMPSTEAD	100 98
46 MDD0030038//	NOXELL CORP POTOMAC ELECTRIC POWER CO W R GRACE & CO BLACK & DECKER INC METAL FINISHING INC E M D S INC SHEEHY FORD OF GLATHERSBURG	HAGERSWOTN	98 89
47 MDD092391945	E M D S INC SHEEHY FORD OF GIATHERSBURG VPI MIRREX CORP	GAITHERSBURG	89
48 MDD054573456	SHEEHY FORD OF GLATHERSBURG	GAITHERSBURG	88
49 MDD056497589	VPI MIRREX CORP	SALISUBRY	82
50 MD4690307844	USCG YARD SAFETY OFFICE	BALTIMORE	74
TOTAL			, -
			E0 01E

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	8,205	ONLY AN F CODE	22,063		
ONLY CORROSIVE	225	ONLY A K CODE	2,470		
ONLY REACTIVE	25	ONLY A P CODE	17		
ONLY D004-17	11,970	ONLY A U CODE	60		
ONLY D018-43	1,458				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	3,686	LISTED CODE	5		
TOTAL	25,569	TOTAL	24,616	BOTH CHARACTERISTIC & LISTED	13,276

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	1,879			IGN. W/ AT LEAST 1 LSTD	11,063
HAS CORROSIVE CODE	1,800			CORR. W/ AT LEAST 1 LSTD	1,200
HAS REACTIVE CODE	79			REACT. W/ AT LEAST 1 LSTD	369
HAS D004-D017 CODE	2,140			D004-17 W/ AT LEAST 1 LSTD	3,491
HAS D018-D043 CODE	1,609			D018-43 W/ AT LEAST 1 LSTD	3,262
		HAS AN F CODE	5	F WASTE W/ AT LEAST 1 CHAR	12,447
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	947
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	527
		HAS A U CODE	5	U WASTE W/ AT LEAST 1 CHAR	713
TOTAL	3,686	TOTAL	5	TOTAL	13,276

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 25

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 4,560 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

				TONS OF WASTE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	MDD003071875	FMC CORP	BALTIMORE	3,166
2	MDD980555189	CLEAN HARBORS OF BALTIMORE INC	BALTIMORE	1,330
3	MDD003075942	CYTEC INDUSTRIES INC	HAVRE DE GRACE	38
4	MDD980554653	LAIDLAW ENVIRONMENTAL SERVICES	LAUREL	11
5	MDD003067121	THIOKOL CORP	ELKTON	9
6	MD4170024109	NAVAL SURFACE WARFARE CENTER	INDIAN HEAD	2
7	MDD050793926	TOWSON STATE UNIVERSITY	TOWSON	1
8	MD3750832062	FREDERICK CANCER RESEARCH AND DEVELOPMEN	FREDERICK	1
9	MD4170090001	NAVEODTECHDIV	INDIAN HEAD	1
10	MD6150004095	NATIONAL INSTITUTES OF HEALTH	BETHESDA	0
TOTAL				

4,560

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF OUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
	TIPE CODE	(10105)	QUANTITI	PACILITIES	PACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	2	. 0	2	20.0
SOLVENTS RECOVERY	M021-M029	191	4.2	4	40.0
INCINERATION	M041-M049	3,194	70.0	3	30.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1	.0	1	10.0
STABILIZATION	M111-M119	1,162	25.5	3	30.0
LANDFILL	M132	1	.0	1	10.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	10	.2	2	20.0
TOTAL		4,560	100.0	10	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	M041-M049	3,194	70.0	3	30.0
STABILIZATION	M111-M119	1,162	25.5	3	30.0
SOLVENTS RECOVERY	M021-M029	191	4.2	4	40.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	10	.2	2	20.0
METALS RECOVERY (FOR REUSE)	M011-M019	2	.0	2	20.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1	.0	1	10.0
LANDFILL	M132	1	.0	1	10.0
TOTAL		4,560	100.0	10	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	191	4.2	4	40.0
INCINERATION	M041-M049	3,194	70.0	3	30.0
STABILIZATION	M111-M119	1,162	25.5	3	30.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	10	. 2	2	20.0
METALS RECOVERY (FOR REUSE)	M011-M019	2	.0	2	20.0
LANDFILL	M132	1	.0	1	10.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1	.0	1	10.0
TOTAL		4,560	100.0	10	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

96,856

MARYLAND

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 298

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 100,658 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME FIN-TEC INC CLEAN HARBORS OF BALTIMORE INC RUST OLEUM CORP MARYLAND PORT ADMIN FMC CORP LAIDLAW ENVIRONMENTAL SERVICES EASTALCO ALUMINUM CO SHERWIN WILLIAMS CO SAFETY KLEEN CORP ALLIED SIGNAL INC BETHLEHEM STEEL SPARROWS POINT DIV SPECTRA INC EXXON CO USA SAFETY KLEEN CORP	CITY	SHIPPED (TONS)
		EIN TEC INC	CAL TODIDY	26 400
7	MDD000004403	CLEAN HADDODG OF DALETMODE ING	DALEIMODE	17 064
2	MDD06030033	CLEAN HARBORS OF BALILMORE INC	BALIIMORE	17,004
3	MDD030334033	MADYIAND DODE ADMIN	WILLIAMSPORI	15,539
4	MDD030324073	MARILAND PORT ADMIN	BALTIMORE	0,503
5	MDD000EE46E3	FMC CORP	BALTIMORE	5,616
7	MDD000750375	EACHAIGO ALIMINUM GO	LAUREL	4,400
,	MDD00001E160	EASTALCO ALUMINUM CO	PALETMODE	2,4/2
0	MDD000215160	SHERWIN WILLIAMS CO	BALTIMORE	1,774
10	MDD981034291	SAFETY KLEEN CORP	BALTIMORE	1,090
11	MDD063346/11	ALLIED SIGNAL INC	SDARBOWS DOINT	1,2/5
1.0	MDD0023343432	CDECEDA INC	GLADYCDUDG	1,133
12	MDD00043434	SPECIRA INC	CLARKSBURG	1,019
1.0	MDD000424434	EXXON CO USA SAFETY KLEEN CORP GM TRUCK & BUS GROUP AVISTA SHEFFIELD EAST INC CITRUS & ALLIED ESSENCES	BALIIMORE	960
14	MDD0001/3/106	SAFETY KLEEN CORP		
15	MDD003091972	GM TRUCK & BUS GROUP	BALTIMORE	818 733
10	MDD000140944	AVISIA SHEFFIELD EASI INC	BALTIMORE	
1/	MDD985372143	CITRUS & ALLIED ESSENCES	BELCAMP	651
18	MD3210021355	U S ARMY GARRISON ABERDEEN PROVING GRND	APG	611
19	MDD990686222	CONDEA VISTA COMPANY	BALTIMORE	579
20	MDR000015/92	CAMBRIDGE MGP SITE	CAMBRIDGE	541
21	MDD062011/96	MINERAL PIGMENTS	BELTSVILLE	408
22	MDD003419090	LOCKHEED MARTIN	BALTIMORE	359
23	MDR000001057	RLT	BALTIMORE	338
24	MDD002901197	CARR LOWREY GLASS CO	BALTIMORE	330
25	MDD095353348	SECURITY FENCE SUPPLY	BLADENSBURG	295
20	MDD003075942	CONDEA VISTA COMPANY CAMBRIDGE MGP SITE MINERAL PIGMENTS LOCKHEED MARTIN BFI CARR LOWREY GLASS CO SECURITY FENCE SUPPLY CYTEC INDUSTRIES INC INTERNATIONAL PAPER MPR CO INC	HAVRE DE GRACE	265
27	MDD089945950	INTERNATIONAL PAPER	ODENTON	219
28	MDD980551600	MPR CO INC CHOPTANK ELECTIRC COOP INC	COCKEYSVILLE	210
29	MDD100077490	CHOPTANK ELECTIRC COOP INC	DENTON	187
30	MDD003255163	DURON INC UNITED STATES CAN CO	BELTSVILLE SPARROWS POINT	177 177
31	MDD0005971650	UNITED STATES CAN CO UNIVERSITY OF MD AT COLLEGE PARK BALTIMORE GAS & ELECTRIC CO LENMAR INC SIGNODE EASTERN OPERATIONS CONSOLIDATED PHARMACEUTICAL GROUP REPUBLIC ENGINEERED STEELS INCLTY P NATIONAL SECURITY AGENCY WATKINS JOHNSON CO NATIONAL INSTITUTES OF HEALTH MILLENNIUM SPECIALTY CHEMICALS ROHR INC NOVELL CORP	SPARROWS POINT	167
34	MDD980829873	UNIVERSITY OF MD AT COLLEGE PARK	COLLEGE PARK	
3.3	MDD000019395	BALTIMORE GAS & ELECTRIC CO	BALTIMORE	166
34	MDD003063278	LENMAR INC	BALTIMORE	153
35	MDD003075207	SIGNODE EASTERN OPERATIONS	BLATIMORE	145
30	MDD038942884	CONSOLIDATED PHARMACEUTICAL GROUP	BALTIMORE	142
3 /	MDR00001230	REPUBLIC ENGINEERED STEELS INCLIY P	BALTIMORE	137
38	MD29/0590004	NATIONAL SECURITY AGENCY	FORT MEADE	135 123
39	MDDU46041885	WATKINS JOHNSON CO	GATTHERSBURG	
40	MD6150004095	NATIONAL INSTITUTES OF HEALTH	BETHESDA	115
41	MDD003093507	MILLENNIUM SPECIALII CHEMICALS	BALIIMORE	114 103
42	MDD002003420	NOVELL CORP	HAGERSIOWN	
43	MDD003062997	NOAELL CORP	HUNT VALLEY	103
44	MDD053936464	POTOMAC ELECTRIC POWER CO	NEWBURG	101 100
45	MDD0074933961	W R GRACE & CO	COLUMBIA	89
40	WDD00330104E	NOXELL CORP POTOMAC ELECTRIC POWER CO W R GRACE & CO METAL FINISHING INC E M D S INC SHEEHY FORD OF GIATHERSBURG	HAGERSWOTN	89
4/	MDD0E4E334E4	E IN D S TING	GAITHERSBURG	88
48	MDD00306E022	SHEBHY FORD OF GIATHERSBURG BLACK & DECKER INC VPI MIRREX CORP	GAITHERSBURG HAMPSTEAD	
49	MDD0EC402E00	BLACK & DECKER INC		88 82
50	886/ פ4סכטעעוייו	VPI MIRREX CORP	SALISUBRY	82
TOTAL				06.056

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 6

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 26,040 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	MDD980555189	CLEAN HARBORS OF BALTIMORE INC	BALTIMORE	14,383
2	MDD980554653	LAIDLAW ENVIRONMENTAL SERVICES	LAUREL	9,629
3	MDD981034291	SAFETY KLEEN CORP	BALTIMORE	1,066
4	MDD000737106	SAFETY KLEEN CORP	GLEN BURNIE	954
_	MD6150004095	NATIONAL INSTITUTES OF HEALTH	BETHESDA	5
6	MD4170024109	NAVAL SURFACE WARFARE CENTER	INDIAN HEAD	3

26,040

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	0	.0	1	33.3
SOLVENTS RECOVERY	M021-M029	150	11.2	1	33.3
INCINERATION	M041-M049	28	2.1	2	66.7
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1	.1	1	33.3
STABILIZATION	M111-M119	1,162	86.5	2	66.7
LANDFILL	M132	1	.1	1	33.3
TOTAL		1.342	100.0	3	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION	M111-M119	1,162	86.5	2	66.7
SOLVENTS RECOVERY	M021-M029	150	11.2	1	33.3
INCINERATION	M041-M049	28	2.1	2	66.7
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1	.1	1	33.3
LANDFILL	M132	1	.1	1	33.3
METALS RECOVERY (FOR REUSE)	M011-M019	0	.0	1	33.3
TOTAL		1,342	100.0	3	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	M041-M049	28	2.1	2	66.7
STABILIZATION	M111-M119	1,162	86.5	2	66.7
LANDFILL	M132	1	.1	1	33.3
METALS RECOVERY (FOR REUSE)	M011-M019	0	.0	1	33.3
SOLVENTS RECOVERY	M021-M029	150	11.2	1	33.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1	.1	1	33.3
TOTAL		1,342	100.0	3	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 20,406 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 98,480 TONS

81,494

MASSACHUSETTS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 474

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 94,467 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	A HAZARDOUS WASTE GENERATORS IN THE STATE, SITE NAME MA HIGHWAY DEPTCAT PROJECT CHEMDESIGN CORPORATION POLAROID CORP. REXAM GRAPHICS ALTRON INCORPORATED GENERAL CHEMICAL CORPORATION BOSTIK INC TEXAS INSTRUMENTS, INC. ZENECA SPECIALTIES CENERAL ELECTRIC ALBERTATE ENGINES	CITY	TOTAL GENERATED (TONS)
1 MAE00001040	MA HIGHWAY DEDE CAR DDOIEGE	POCHON	46,676
I MAD000001040	MA HIGHWAY DEPICAI PROJECT	BOSTON	40,070
2 MAD980912323	CHEMDESIGN CORPORATION	FITCHBURG	3,262
3 MAD001402320	PULARUID CURP.	WALIHAM	2,822
4 MAD985293802	REXAM GRAPHICS	SOUTH HADLEY	1,944
5 MAD990886301	ALTRON INCORPORATED	WILMINGTON	1,925 1,770
7 MAD0193/10/9	DOCTIV INC	MIDITETON	1,713
/ MADUUIU39/6/	BOSIIN INC	MIDLLEION	1,713
0 MAD00/325014	TEMECA CDECIAL TIEC	ATTLEBURU	1,341
9 MADUSISUS4//	TEXAS INSTRUMENTS, INC. ZENECA SPECIALTIES GENERAL ELECTRIC AIRCRAFT ENGINES	MIDLLETON ATTLEBORO DIGHTON LYNN WESTFIELD	1,120 1,057
10 MAD00140851/	WESTELL ELECTRIC ALRCRAFT ENGINES	LYNN	1,057 977
12 MAD001119393	WESIFIEDD ELECTROPHAITING CO.	MESILIEDO	881
12 MAD001003009	COMME TEATTLE CEDATCEC	NEW DEDEODD	844
14 MAD001016202	COINE LEATILE SERVICES	NEW BEDFORD	778
14 MAD001010302	CLODAL DEEDOLEUM CODDODATION	FRAMINGHAM	778
16 MAD0034277571	CENTEDAL PERCEDUM CORPORALION	NEVERE DITTTCETEID	654
17 MAD002004093	CHEMET CORDORATION	ATTI EDODO	600
1/ MAD0411/2/19	THE TABLE COMPANY	TOWELL	582
10 MAD000019979	DOLAROTE COMPANI	ACCONET	582
20 MAD000040493	COLUMN TWO	CDDINCETELD	569
21 MAD001114616	IOCKHEED MARTIN CORDORATION	BIDI.INGTON	545
21 MAD001000090	GENERAL ELECTRIC AIRCRAFT ENGINES WESTFIELD ELECTROPLATING CO. ITW DEVCON COYNE TEXTILE SERVICES DENNISON MFG. COMPANY GLOBAL PETROLEUM CORPORATION GENERAL ELECTRIC COMPANY CHEMET CORPORATION IDEAL TAPE COMPANY POLAROID CORPORATION SOLUTIA INC. LOCKHEED MARTIN CORPORATION INNOVATIVE MEMBRANE SYSTEMS INC.	NORMOOD	532
22 MAD0501213411	DOLADOLD CODDODATION	NEM DEDECED	525
24 MVD043066333	SOLUTIA INC. LOCKHEED MARTIN CORPORATION INNOVATIVE MEMBRANE SYSTEMS INC. POLAROID CORPORATION UNITED CIRCUITS, INC. RODNEY METALS RAYTHEON SYSTEMS COMPANY BORREGAARD SYNTHESIS, INC. SHIPLEY COMPANY, L.L.C. CLEAN HARBORS OF BRAINTREE, INC. POLAROID CORPORATION BOSTON OPERATIONS CENTER/BOSTON EDISON PARLEX CORPORATION FLEXCON COMPANY, INC.	DDVCILL	511
25 MAD001067041	DODNEY METAIC	NEM DEDECED	501
26 MAD001007941	RAYTHEON SYSTEMS COMPANY	ANDOVER	465
27 MAR0001033233	BORREGAARD SYNTHESIS INC	NEWRITRYPORT	454
28 MAD000844498	SHIPLEY COMPANY I. I. C	MARI.BOROLICH	446
29 MAD053452637	CLEAN HARBORS OF BRAINTREE INC	BRAINTREE	429
30 MAD062163191	POLAROTO CORPORATION	NORWOOD	420
31 MAD076575513	BOSTON OPERATIONS CENTER/BOSTON EDISON	BOSTON	417
32 MAD051778934	PARLEX CORPORATION	METHUEN	417
33 MAD001136035	PARLEX COMPONATION FLEXCON COMPANY, INC. SOUTH BAY INCINERATOR	SPENCER	405
34 MA5000005363	SOUTH BAY INCINERATOR	SOUTH BOSTON	375
	ANALOG DEVICES/WILMINGTON MANUFACTURING	WILMINGTON	311
	DUNCAN GALVANIZING	EVERETT	302
	BABS FOUNDRY, INC.	NORTON	300
38 MAD048974349		NORTH ATTLEBORO	293
39 MAD000844597	WATERS CORPORATION	TAUNTON	283
40 MAD046613279	ATTLEBORO REFINING CO HANDY & HARMAN	ATTLEBORO	280
41 MAD985290980	WAKEFIELD ENGINEERING INC	FALL RIVER	277
42 MAD041710609	TECH-ETCH, INC.	PLYMOUTH	263
43 MAD001125681	THE L.S. STARRETT COMPANY	ATHOL	261
44 MAD001033190	GLOBE MANUFACTURING CO.	FALL RIVER	240
45 MAD000829994	TUBED PRODUCTS INC.	EASTAMPTON	227
46 MAD000844977	STAHL USA	PEABODY	215
47 MAD980522577	LEWCOTT CORPORATION	MILLBURY	205
48 MAD985290329	PERSEPTIVE BIOSYSTEMS, INC.	CAMBRIDGE	197
49 MAD001030576	MALDEN MILLS INDUSTRIES, INC.	LAWRENCE	196
50 MAD985290865	ATTLEBORO REFINING CO HANDY & HARMAN WAKEFIELD ENGINEERING INC TECH-ETCH, INC. THE L.S. STARRETT COMPANY GLOBE MANUFACTURING CO. TUBED PRODUCTS INC. STAHL USA LEWCOTT CORPORATION PERSEPTIVE BIOSYSTEMS, INC. MALDEN MILLS INDUSTRIES, INC. OMNIGLOW CORPORATION	WEST SPRINGFIELD	195
TOTAL			01 404

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	5,058	ONLY AN F CODE	6,191		
ONLY CORROSIVE	1,706	ONLY A K CODE	0		
ONLY REACTIVE	50	ONLY A P CODE	4		
ONLY D004-17	5,963	ONLY A U CODE	909		
ONLY D018-43	856				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	52,480	LISTED CODE	0		
TOTAL	66,113	TOTAL	7,104	BOTH CHARACTERISTIC & LISTED	21,108

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	48,607			IGN. W/ AT LEAST 1 LSTD	15,509
HAS CORROSIVE CODE	50,161			CORR. W/ AT LEAST 1 LSTD	1,401
HAS REACTIVE CODE	46,803			REACT. W/ AT LEAST 1 LSTD	390
HAS D004-D017 CODE	51,581			D004-17 W/ AT LEAST 1 LSTD	6,717
HAS D018-D043 CODE	47,978			D018-43 W/ AT LEAST 1 LSTD	9,482
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	21,053
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	89
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	570
TOTAL	52,480	TOTAL	0	TOTAL	21,108

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 28

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 16,467 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

TITT BINGBOT ROLL	imilianiboob windib immulobilibut ilioibililibut i		
RANK EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1 MAD053452637	CLEAN HARBORS OF BRAINTREE, INC.	BRAINTREE	13,744
2 MAD001039767	BOSTIK INC	MIDLLETON	1,554
3 MAD019371079	GENERAL CHEMICAL CORPORATION	FRAMINGHAM	657
4 MAD046613279	ATTLEBORO REFINING CO HANDY & HARMAN	ATTLEBORO	412
5 MAD062179890	ENVIRONMENTAL COMPLIANCE CORPORATION	STOUGHTON	75
6 MAD053483467	THE GILLETTE COMPANY	ANDOVER	25

16,467

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	412	2.5	1	16.7
SOLVENTS RECOVERY	M021-M029	839	5.1	2	33.3
INCINERATION	M041-M049	1	.0	1	16.7
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1,654	10.0	3	50.0
FUEL BLENDING	M061	12	.1	1	16.7
STABILIZATION	M111-M119	13,549	82.3	1	16.7
LANDFILL	M132	1	.0	1	16.7
ΤΟΤΔΙ.		16 467	100 0	6	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
STABILIZATION	M111-M119	13,549	82.3	1	16.7
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1,654	10.0	3	50.0
SOLVENTS RECOVERY	M021-M029	839	5.1	2	33.3
METALS RECOVERY (FOR REUSE)	M011-M019	412	2.5	1	16.7
FUEL BLENDING	M061	12	.1	1	16.7
LANDFILL	M132	1	.0	1	16.7
INCINERATION	M041-M049	1	.0	1	16.7
TOTAL		16,467	100.0	6	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	1,654	10.0	3	50.0
SOLVENTS RECOVERY	M021-M029	839	5.1	2	33.3
FUEL BLENDING	M061	12	.1	1	16.7
LANDFILL	M132	1	.0	1	16.7
METALS RECOVERY (FOR REUSE)	M011-M019	412	2.5	1	16.7
INCINERATION	M041-M049	1	.0	1	16.7
STABILIZATION	M111-M119	13,549	82.3	1	16.7
TOTAL		16,467	100.0	6	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

MASSACHUSETTS

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 443

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 121,390 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME MA HIGHWAY DEPTCAT PROJECT LAIDLAW ENVIRONMENTAL SERVICES (NE) CLEAN HARBORS OF BRAINTREE, INC. GENERAL CHEMICAL CORPORATION CHEMDESIGN CORPORATION POLAROID CORP. SAFETY KLEEN CORP ALTRON INCORPORATED ZECCO, INC. REXAM GRAPHICS TEXAS INSTRUMENTS, INC. ZENECA SPECIALTIES WESTFIELD ELECTROPLATING CO. GENERAL ELECTRIC AIRCRAFT ENGINES COYNE TEXTILE SERVICES SAFETY KLEEN CORP SAFETY-KLEEN CORP GAFETY KLEEN CORP	CITY	SHIPPED (TONS)
	EPA ID			
1	MA5000001040	MA HIGHWAY DEPTCAT PROJECT	BOSTON	46,674
2	MAD000604447	LAIDLAW ENVIRONMENTAL SERVICES (NE)	LAWRENCE	17,461
3	MAD053452637	CLEAN HARBORS OF BRAINTREE, INC.	BRAINTREE	8,792
4	MAD019371079	GENERAL CHEMICAL CORPORATION	FRAMINGHAM	3,417
5	MAD980912323	CHEMDESIGN CORPORATION	FITCHBURG	3,262
6	MAD001402320	POLAROID CORP.	WALTHAM	2,240
7	MAD088978143	SAFETY KLEEN CORP	MARLBOROUGH	2,018
8	MAD990886301	ALTRON INCORPORATED	WILMINGTON	1,925
9	MAD052924495	ZECCO, INC.	NORTHBORO	1,846
10	MAD985293802	REXAM GRAPHICS	SOUTH HADLEY	1,522
11	MAD007325814	TEXAS INSTRUMENTS, INC.	ATTLEBORO	1,494
12	MAD051505477	ZENECA SPECIALTIES	DIGHTON	1,120
13	MAD001119593	WESTFIELD ELECTROPLATING CO.	WESTFIELD	978
14	MAD001408517	WESTFIELD ELECTROPLATING CO. GENERAL ELECTRIC AIRCRAFT ENGINES COYNE TEXTILE SERVICES SAFETY KLEEN CORP SAFETY-KLEEN CORP SAFETY-KLEEN CORP GLOBAL PETROLEUM CORPORATION GENERAL ELECTRIC COMPANY POLAROID CORPORATION IDEAL TAPE COMPANY SOLUTIA INC. LOCKHEED MARTIN CORPORATION RODNEY METALS RAYTHEON SYSTEMS COMPANY BORREGAARD SYNTHESIS, INC. SHIPLEY COMPANY, L.L.C. POLAROID CORPORATION BOSTON OPERATIONS CENTER/BOSTON EDISON	LYNN	886
15	MAD047982152	COYNE TEXTILE SERVICES	NEW BEDFORD	844
16	MAD096287354	SAFETY KLEEN CORP	W BROOKFIELD	806
17	MAD000846006	SAFETY-KLEEN CORP.	BRIDGEWATER	800
18	MAD060095569	SAFETY KLEEN CORP	SALISBURY	716
19	MAD094277571	GLOBAL PETROLEUM CORPORATION	REVERE	708
20	MAD002084093	GENERAL ELECTRIC COMPANY	PITTSFIELD	635
21	MAD000846493	POLAROID CORPORATION	ASSONET	586
22	MAD056019979	IDEAL TAPE COMPANY	LOWELL	582
23	MAD001114818	SOLUTIA INC.	SPRINGFIELD	577
24	MAD001060698	LOCKHEED MARTIN CORPORATION	BURLINGTON	545
25	MAD001067941	RODNEY METALS	NEW BEDFORD	501
26	MAD001055235	RAYTHEON SYSTEMS COMPANY	ANDOVER	466
27	MAR000007955	BORREGAARD SYNTHESIS, INC.	NEWBURYPORT	454
28	MAD000844498	SHIPLEY COMPANY, L.L.C.	MARLBOROUGH	446
29	MAD062163191	POLAROID CORPORATION	NORWOOD	419
30	MAD076575513	BOSTON OPERATIONS CENTER/BOSTON EDISON		417
31	MAD051778934	PARLEX CORPORATION	METHUEN	412
32	MAD001016302	PARLEX CORPORATION DENNISON MFG. COMPANY FLEXCON COMPANY, INC.	FRAMINGHAM SPENCER WILMINGTON	412
33	MAD001136035	FLEXCON COMPANY, INC.	SPENCER	405
				311
		DUNCAN GALVANIZING	EVERETT	302
		BABS FOUNDRY, INC.	NORTON	296
		HANDY AND HARMAN ELECTRONIC MATL'S CORP.		293
		WATERS CORPORATION	TAUNTON	283
39	MAD046613279	ATTLEBORO REFINING CO HANDY & HARMAN	ATTLEBORO	280
40	MAD985290980	WAKEFIELD ENGINEERING INC	FALL RIVER	277
41	MAD058060476	POLAROID CORPORATION	NEW BEDFORD	276
42	MAD001125681	THE L.S. STARRETT COMPANY	ATHOL	261
43	MAD000029994	TUBED PRODUCTS INC.	EASTAMPTON	227
44	MYD00EJUJJJU	DEDCEDETUR DIOCYCERMS INC.	CAMBRIDGE	199 197
45	MVD082300882	OMNICION CORDORATION	WEST SDRINGETEID	197
40	MYDUE3/121010	CAMCED CHEMICAI CACLEMC	MUDEULK MEDI SEKTINGETETIN	183
10	MVD03043T0T3	VALKY DECEMBER (AREDVORIMICS)	MOBIEM	181
40	MVD08238U83E	FOD IOUR DEUDITORS	I.FOMINGTED	177
5 n	MAD063894796	CENERAL METAL FINISHING CO INC	ATTI.FRORO	177
	1.000004100	ATTLEBORO REFINING CO HANDY & HARMAN WAKEFIELD ENGINEERING INC POLAROID CORPORATION THE L.S. STARRETT COMPANY TUBED PRODUCTS INC. MALDEN MILLS INDUSTRIES, INC. PERSEPTIVE BIOSYSTEMS, INC. OMNIGLOW CORPORATION CAMGER CHEMICAL SYSTEMS ANIKA RESEARCH (THERAPEUTICS) ESP LOCK PRODUCTS GENERAL METAL FINISHING CO., INC.	ATTEBONO	177

TOTAL 108,484

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 12

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 52,293 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	MAD053452637	CLEAN HARBORS OF BRAINTREE, INC.	BRAINTREE	26,215
2	MAD000604447	LAIDLAW ENVIRONMENTAL SERVICES (NE)	LAWRENCE	18,566
3	MAD019371079	GENERAL CHEMICAL CORPORATION	FRAMINGHAM	2,458
4	MAD052924495	ZECCO, INC.	NORTHBORO	1,620
5	MAD088978143	SAFETY KLEEN CORP	MARLBOROUGH	1,099
6	MAD060095569	SAFETY KLEEN CORP	SALISBURY	787
7	MAD000846006	SAFETY-KLEEN CORP.	BRIDGEWATER	633
8	MAD096287354	SAFETY KLEEN CORP	W BROOKFIELD	632
9	MAD047075734	GEOCHEM	LOWELL	146
10	MAD062179890	ENVIRONMENTAL COMPLIANCE CORPORATION	STOUGHTON	75
11	MAD046613279	ATTLEBORO REFINING CO HANDY & HARMAN	ATTLEBORO	39
12	MAD980523203	CLEAN HARBORS OF NATICK, INC	NATICK	24

52,293

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	39	.3	1	25.0
SOLVENTS RECOVERY	M021-M029	839	5.8	2	50.0
INCINERATION	M041-M049	1	.0	1	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	75	.5	1	25.0
FUEL BLENDING	M061	12	.1	1	25.0
STABILIZATION	M111-M119	13,549	93.4	1	25.0
LANDFILL	M132	1	.0	1	25.0
TOTAL		14,514	100.0	4	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
STABILIZATION	M111-M119	13,549	93.4	1	25.0
SOLVENTS RECOVERY	M021-M029	839	5.8	2	50.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	75	.5	1	25.0
METALS RECOVERY (FOR REUSE)	M011-M019	39	.3	1	25.0
FUEL BLENDING	M061	12	.1	1	25.0
LANDFILL	M132	1	.0	1	25.0
INCINERATION	M041-M049	1	.0	1	25.0
TOTAL		14,514	100.0	4	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	839	5.8	2	50.0
FUEL BLENDING	M061	12	.1	1	25.0
LANDFILL	M132	1	.0	1	25.0
METALS RECOVERY (FOR REUSE)	M011-M019	39	.3	1	25.0
INCINERATION	M041-M049	1	.0	1	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	75	.5	1	25.0
STABILIZATION	M111-M119	13,549	93.4	1	25.0
TOTAL		14,514	100.0	4	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 18,659 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 98,692 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 682

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 994,047 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

•	RANK EPA ID	SITE NAME	CITY MUSKEGON HOLLAND BELLEVILLE DETROIT DETROIT MIDLAND KALAMAZOO ROMULUS BELLEVILLE MIDLAND MONROE ALMA MOUNT CLEMENS FERNDALE DETROIT	TOTAL GENERATED (TONS)
	1 MTD000030373	TOWN G. TWG		246.061
	1 MID006030373	LOMAC, INC.	MUSKEGON	246,061
		PARKE-DAVIS, DIV. OF WARNER-LAMBERT CO.	HOLLAND	189,402
		MICHIGAN DISPOSAL WASTE TREATMENT PLANT	BELLEVILLE	103,104
		PETROCHEM PROCESSING GRP. OF NORTRU, INC	DETROIT	85,863
	5 MIDU54683479	CITY ENVIRONMENTAL INC.	DETROIT	59,038 44,128
	7 MID000/24/24	THE DOW CHEMICAL COMPANY	MIDLAND	44,120 27,107
	/ MID000620361	CITY ENVIRONMENTAL INC. THE DOW CHEMICAL COMPANY THE UPJOHN COMPANY MICHIGAN RECOVERY SYSTEMS INC. WAYNE DISPOSAL, INC. DOW CORNING CORP. MIDLAND PLANT NORTH STAR STEEL CO., MICHIGAN DIV. TOTAL PETROLEUM INC. ALMA REFINERY E.I. DUPONT, MOUNT CLEMENS	RALAMAZOO DOMIII IIC	37,197 24,731
	0 MID0009/5044	MICHIGAN RECOVERY SISIEMS INC.	ROMULUS	24,/31
	9 MID048090633	WAYNE DISPOSAL, INC.	RETTEATTE	22,739
	10 MID000809632	DOW CORNING CORP. MIDLAND PLANT	MIDLAND	13,470
	11 MIDU8/0540/8	NORTH STAR STEEL CO., MICHIGAN DIV.	MONROE	13,048
	12 MID005358130	TOTAL PETROLEUM INC. ALMA REFINERY	ALMA	11,778
	13 MID005358825	E.I. DUPONT, MOUNT CLEMENS	MOUNT CLEMENS	9,656
	14 MID005338801	GAGE PRODUCTS COMPANY - FERNDALE	FERNDALE	8,506
	15 MID980684088	SOLVENT DISTILLERS GROUP OF NORTRU, INC.	DELKOLL	6,590
	16 MIDU8U361454	WYCKOFF CHEMICAL COMPANY	SOUTH HAVEN	5,387
	1/ MID006545511	ESCO COMPANY, LIMITED PARTNERSHIP	MUSKEGON	4,942
	18 MID00601654/	STEELCASE INC., GRAND RAPIDS SITE	GRAND RAPIDS	4,194
	19 MID985619824	NORTRU INCORPORATED	DETROIT	3,816
	20 MID000724591	SAMUEL WHITTAR INCORPORATED	DETROIT	3,380
	21 MID0053/9/14	FURD MUTUR COMPANY, WIXOM ASSEMBLY	MIXOM	3,034
	22 MIDUU2931228	ANDERSON DEVELOPMENT CO.	ADRIAN	2,906
	23 MID007138746	BASE CORPORATION, BOURKE AVE. PLANT	DETROIT	2,829
	24 MID068814482	QUANEX CORPORATION, MACSTEEL	JACKSON	2,791
	25 MID064197742	NORTH STAR STEEL CO., MICHIGAN DIV. TOTAL PETROLEUM INC. ALMA REFINERY E.I. DUPONT, MOUNT CLEMENS GAGE PRODUCTS COMPANY - FERNDALE SOLVENT DISTILLERS GROUP OF NORTRU, INC. WYCKOFF CHEMICAL COMPANY ESCO COMPANY, LIMITED PARTNERSHIP STEELCASE INC., GRAND RAPIDS SITE NORTRU INCORPORATED SAMUEL WHITTAR INCORPORATED FORD MOTOR COMPANY, WIXOM ASSEMBLY ANDERSON DEVELOPMENT CO. BASF CORPORATION, MACSTEEL BASF CORPORATION, MACSTEEL BASF CORPORATION ZEELAND CHEMICALS INCORPORATED KENTWOOD SITE/STEELCASE INC. FORD MOTOR COMPANY, WAYNE ASSEMBLY AMERICAN BUMPER AND MANUFACTURING CO. ERVIN AMASTEEL GM, POWERTRAIN, BAY CITY ELF ATOCHEM NORTH AMERICA, INC. GMC TRUCK & BUS PONTIAC EAST NATIONAL STEEL CORP, GT LAKES DIV GMC-DELPHI SAGINAW STEERING SYSTEMS GUARDIAN INDUSTRIES DYNECOL INCORPORATED GMC, ORION ASSEMBLY GM-WILLOW RUN ASSEMBLY MERIDIAN GMC, FLINT VAN SLYKE COMPLEX AJAX METAL PROCESSING, PLATING GMC, LANSING BODY PLANT	WYANDOTTE	2,391
	26 MIDU83684290	ZEELAND CHEMICALS INCORPORATED	ZEELAND	2,049
	2/ MID980683//5	KENTWOOD SITE/STEELCASE INC.	KENTWOOD	1,938
	28 MID005379706	FORD MOTOR COMPANY, WAYNE ASSEMBLY	WAYNE	1,842
	29 MID98I19/254	AMERICAN BUMPER AND MANUFACTURING CO.	IONIA	1,765
	30 MID005043708	ERVIN AMASTEEL	ADRIAN	1,757
	31 MID005356688	GM, POWERTRAIN, BAY CITY	BAY CITY	1,752
	32 MID005363114	ELF ATOCHEM NORTH AMERICA, INC.	RIVERVIEW	1,664
	33 MID005356902	GMC TRUCK & BUS PONTIAC EAST	PONTIAC	1,513
	34 MID004320479	NATIONAL STEEL CORP, GT LAKES DIV	ECORSE	1,486
	35 MID005356878	GMC-DELPHI SAGINAW STEERING SYSTEMS	SAGINAW	1,469
	36 MIDU48/84896	GUARDIAN INDUSTRIES	CARLETON	1,397
	3/ MIDU/4259565	DYNECOL INCORPORATED	DETROIT	1,161
	38 MID000/18544	GMC, ORION ASSEMBLY	ORION	1,147
	39 MID005356795	GM-WILLOW RUN ASSEMBLY	YPSILANTI	1,096
	40 MID981954241	MEKIDIAN	SPRING LAKE	1,026
	42 MID005320031	ATAY MEMAI DECORRECTION DIAMENO	FLINI	1,012 946
	42 MID005320031	AJAX METAL PROCESSING, PLATING GMC, LANSING BODY PLANT	DETROIT	946
			LANSING FLINT	
	44 MID980568570			913
	45 MID084300987		FRASER	879 866
	46 MIT270012198		GRAND HAVEN	866
	47 MID005356621		LIVONIA	856
		FEDERAL-MOGUL CORPORATION	ST. JOHNS	841
		DELTA SOLID WASTE MANAGEMENT AUTHORITY	ESCANABA	833
	50 MID005356712	GMC, NAO FLINT OPERATIONS	FLINT	822
	TOTAL			0.40, 0.00

942,928

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	16,454	ONLY AN F CODE	253,986		
ONLY CORROSIVE	193,940	ONLY A K CODE	33,844		
ONLY REACTIVE	163	ONLY A P CODE	9		
ONLY D004-17	14,778	ONLY A U CODE	537		
ONLY D018-43	5,409				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	118,376	LISTED CODE	18,280		
TOTAL	349,120	TOTAL	306,656	BOTH CHARACTERISTIC & LISTED	337,769

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	33,820			IGN. W/ AT LEAST 1 LSTD	205,022
HAS CORROSIVE CODE	36,429			CORR. W/ AT LEAST 1 LSTD	126,508
HAS REACTIVE CODE	1,694			REACT. W/ AT LEAST 1 LSTD	5,003
HAS D004-D017 CODE	87,754			D004-17 W/ AT LEAST 1 LSTD	30,029
HAS D018-D043 CODE	87,718			D018-43 W/ AT LEAST 1 LSTD	47,167
		HAS AN F CODE	18,277	F WASTE W/ AT LEAST 1 CHAR	330,540
		HAS A K CODE	17,812	K WASTE W/ AT LEAST 1 CHAR	7,088
		HAS A P CODE	4	P WASTE W/ AT LEAST 1 CHAR	924
		HAS A U CODE	18,125	U WASTE W/ AT LEAST 1 CHAR	4,597
TOTAL	118,376	TOTAL	18,280	TOTAL	337,769

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 113

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 1,075,667 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

FIFI	I LARGESI KCKA	HAZARDOUS WASIE MANAGEMENT FACILITIES, 19	CITY BELLEVILLE HOLLAND BELLEVILLE DETROIT DETROIT DETROIT MIDLAND ALPENA ALPENA DETROIT MT. CLEMENS	TONS OF WASTE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	MID000724831	MICHIGAN DISPOSAL WASTE TREATMENT PLANT	BELLEVILLE	281,184
2	MID006013643	PARKE-DAVIS, DIV. OF WARNER-LAMBERT CO.	HOLLAND	177,771
3	MID048090633	WAYNE DISPOSAL, INC.	BELLEVILLE	173,513
	MID980615298	PETROCHEM PROCESSING GRP. OF NORTRU, INC	DETROIT	98,885
5	MID054683479	CITY ENVIRONMENTAL INC.	DETROIT	56,939
6	MID074259565	CITY ENVIRONMENTAL INC. DYNECOL INCORPORATED	DETROIT	48,186
7	MID000724724	THE DOW CHEMICAL COMPANY	MIDLAND	43,620
8	MID005379607	LAFARGE CORPORATION	ALPENA	35,801
9	MID981200835	SYSTECH ENV. CORP LAFARGE CORPORATION	ALPENA	33,945
10	MID980991566	CITY ENVIRONMENTAL, INC. POWDER COTE II	DETROIT	25,502
11	MID035982537	POWDER COTE II	MT. CLEMENS	24,495
12	MID005338801	GAGE PRODUCTS COMPANY - FERNDALE	FERNDALE	23,919
13	MID060975844	MICHIGAN RECOVERY SYSTEMS INC.	ROMULUS	17,231
14	MID980684088	SOLVENT DISTILLERS GROUP OF NORTRU, INC.	DETROIT	15,336
15	MID980617435	THE DOW CHEMICAL COMPANY - SALZBURG LAND	MIDLAND	11,705
16	MID000820381	THE UPJOHN COMPANY	KALAMAZOO	6,586
17	MID005360680	THE UPJOHN COMPANY CYTEC INDUSTRIES	KALAMAZOO	697
18	MID985567114	CYANO CORPORATION OF MICHIGAN	DETROIT	176
19	MID002971539	DUO-TANG, INC. CYANOKEM, INC. ROMEO R.I.M. INCORPORATED	PAW PAW	61
20	MID098011992	CYANOKEM, INC.	DETROIT	49
21	MID057700023	ROMEO R.I.M. INCORPORATED	ROMEO	31
22	MID985578012		ST. LOUIS	12
23	MID982205395	KAY AUTOMOTIVE GRAPHICS	LAKE ORION	8
24	MID082859315	UTA ENGINEERED SYSTEMS	NILES	8 7
25	MID981192776	UTA ENGINEERED SYSTEMS PLASTECH ENGINEERED PRODUCTS	ST. CLAIR SHORES	
26	MID098644685	CONSUMERS ENERGY COMPANY	COVERT	0

TOTAL

1,075,667

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	1,519	.1	2	7.7
SOLVENTS RECOVERY	M021-M029	45,814	4.3	10	38.5
OTHER RECOVERY	M031-M039	3,337	.3	1	3.8
INCINERATION	M041-M049	43,665	4.1	3	11.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	37,076	3.4	5	19.2
FUEL BLENDING	M061	144,146	13.4	4	15.4
SLUDGE TREATMENT	M101-M109	25,206	2.3	3	11.5
STABILIZATION	M111-M119	268,475	25.0	5	19.2
LANDFILL	M132	321,829	29.9	4	15.4
DEEPWELL / UNDERGROUND INJECTION	M134	184,599	17.2	3	11.5
TOTAL		1,075,667	100.0	26	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	OUANTITY	FACILITIES	FACILITIES
LANDFILL	M132	321,829	29.9	4	15.4
STABILIZATION	M111-M119	268,475	25.0	5	19.2
DEEPWELL / UNDERGROUND INJECTION	M134	184,599	17.2	3	11.5
FUEL BLENDING	M061	144,146	13.4	4	15.4
SOLVENTS RECOVERY	M021-M029	45,814	4.3	10	38.5
INCINERATION	M041-M049	43,665	4.1	3	11.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	37,076	3.4	5	19.2
SLUDGE TREATMENT	M101-M109	25,206	2.3	3	11.5
OTHER RECOVERY	M031-M039	3,337	.3	1	3.8
METALS RECOVERY (FOR REUSE)	M011-M019	1,519	.1	2	7.7
TOTAL		1,075,667	100.0	26	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
SOLVENTS RECOVERY	M021-M029	45,814	4.3	10	38.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	37,076	3.4	5	19.2
STABILIZATION	M111-M119	268,475	25.0	5	19.2
FUEL BLENDING	M061	144,146	13.4	4	15.4
LANDFILL	M132	321,829	29.9	4	15.4
DEEPWELL / UNDERGROUND INJECTION	M134	184,599	17.2	3	11.5
INCINERATION	M041-M049	43,665	4.1	3	11.5
SLUDGE TREATMENT	M101-M109	25,206	2.3	3	11.5
METALS RECOVERY (FOR REUSE)	M011-M019	1,519	.1	2	7.7
OTHER RECOVERY	M031-M039	3,337	.3	1	3.8
TOTAL		1,075,667	100.0	26	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

MICHIGAN

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 632

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 541,142 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	PETROCHEM PROCESSING GRP. OF NORTRU, INC CITY ENVIRONMENTAL INC. CADILLAC METAL CASTERS SYSTECH ENV. CORPLAFARGE CORPORATION THE UPJOHN COMPANY MICHIGAN RECOVERY SYSTEMS INC. DETREX CORPORATION WAYNE DISPOSAL, INC. DOW CORNING CORP. MIDLAND PLANT THE DOW CHEMICAL COMPANY NORTH STAR STEEL CO., MICHIGAN DIV. PARKE-DAVIS, DIV. OF WARNER-LAMBERT CO. LOMAC, INC. E.I. DUPONT, MOUNT CLEMENS GAGE PRODUCTS COMPANY - FERNDALE AETNA INDUSTRIES INC. NORTRU INCORPORATED SOLVENT DISTILLERS GROUP OF NORTRU, INC. MICHIGAN DISPOSAL WASTE TREATMENT PLANT WYCKOFF CHEMICAL COMPANY ESCO COMPANY, LIMITED PARTNERSHIP SAMUEL WHITTAR INCORPORATED FORD MOTOR COMPANY, WIXOM ASSEMBLY ANDERSON DEVELOPMENT CO. BASF CORPORATION, BOURKE AVE. PLANT QUANEX CORPORATION, MACSTEEL BASF CORPORATION, MACSTEEL BASF CORPORATION, MACSTEEL BASF CORPORATION, MACSTEEL BASF CORPORATION, WAYNE ASSEMBLY AMERICAN BUMPER AND MANUFACTURING CO. ERVIN AMASTEEL GM, POWERTRAIN, BAY CITY ELF ATOCHEM NORTH AMERICA, INC. GMC TRUCK & BUS PONTIAC EAST NATIONAL STEEL CORP, GT LAKES DIV GMC-DELPHI SAGINAW STEERING SYSTEMS GUARDIAN INDUSTRIES	CITY	SHIPPED (TONS)
1	MID980615298	PETROCHEM PROCESSING GRP. OF NORTRU, INC	DETROIT	85,825
2	MID054683479	CITY ENVIRONMENTAL INC.	DETROIT	59,038
3	MIR000027581	CADILLAC METAL CASTERS	CADILLAC	52,777
4	MID981200835	SYSTECH ENV. CORP LAFARGE CORPORATION	ALPENA	35,538
5	MID000820381	THE UPJOHN COMPANY	KALAMAZOO	30,732
6	MID060975844	MICHIGAN RECOVERY SYSTEMS INC.	ROMULUS	24,731
7	MID091605972	DETREX CORPORATION	DETROIT	19,451
8	MID048090633	WAYNE DISPOSAL, INC.	BELLEVILLE	14,055
9	MID000809632	DOW CORNING CORP. MIDLAND PLANT	MIDLAND	13,470
10	MID000724724	THE DOW CHEMICAL COMPANY	MIDLAND	13,302
11	MID087054078	NORTH STAR STEEL CO., MICHIGAN DIV.	MONROE	13,048
12	MID006013643	PARKE-DAVIS, DIV. OF WARNER-LAMBERT CO.	HOLLAND	11,631
13	MID006030373	LOMAC, INC.	MUSKEGON	11,187
14	MID005358825	E.I. DUPONT, MOUNT CLEMENS	MOUNT CLEMENS	9,386
15	MID005338801	GAGE PRODUCTS COMPANY - FERNDALE	FERNDALE	8,506
16	MID085033157	AETNA INDUSTRIES INC.	WARREN	7,328
17	MID985619824	NORTRU INCORPORATED	DETROIT	6,893
18	MID980684088	SOLVENT DISTILLERS GROUP OF NORTRU, INC.	DETROIT	6,590
19	MID000724831	MICHIGAN DISPOSAL WASTE TREATMENT PLANT	BELLEVILLE	4,385
20	MID080361454	WYCKOFF CHEMICAL COMPANY	SOUTH HAVEN	4,148
21	MID006545511	ESCO COMPANY, LIMITED PARTNERSHIP	MUSKEGON	3,588
22	MID000724591	SAMUEL WHITTAR INCORPORATED	DETROIT	3,380
23	MID005379714	FORD MOTOR COMPANY, WIXOM ASSEMBLY	WIXOM	3,034
24	MID002931228	ANDERSON DEVELOPMENT CO.	ADRIAN	2,908
25	MID00/138/46	BASE CORPORATION, BOURKE AVE. PLANT	DETROIT	2,829 2,792
20	MIDU00014402	DAGE CORPORATION, MACSIELL	UACKSON	2,792
27	MID004197742	CTEFF CACE INC. CDAND DADIDG CITE	WIANDOILE CDAND DADIDO	2,399
20	MID000010341	TEEL AND CHEMICALS INCORPORATED	GRAND RAPIDS	2,314
20	MID003004230	VENTUOOD CITE/CTEELCACE INC	ZEETWIND	1,938
31	MID960063773	FORD MOTOR COMPANY WAYNE AGGEMRIV	MAVNE	1,842
32	MTD981197254	AMERICAN RUMPER AND MANUFACTURING CO	TONTA	1,765
33	MTD005043708	ERVIN AMASTEEL	ADRIAN	1,757
34	MTD005356688	CM POWERTRAIN BAY CITY	RAY CITY	1,752
35	MTD0053530000	ELF ATOCHEM NORTH AMERICA, INC.	RIVERVIEW	1,685
36	MID005356902	GMC TRUCK & BUS PONTIAC EAST	PONTIAC	1,513
37	MID004320479	NATIONAL STEEL CORP, GT LAKES DIV	ECORSE	1,486
38	MID005356878	NATIONAL STEEL CORP, GT LAKES DIV GMC-DELPHI SAGINAW STEERING SYSTEMS	SAGINAW	1,469
39	MID048784896	GUARDIAN INDUSTRIES	CARLETON	1,397
40	MID074259565	GUARDIAN INDUSTRIES DYNECOL INCORPORATED GMC, ORION ASSEMBLY GM-WILLOW RUN ASSEMBLY GMC, FLINT VAN SLYKE COMPLEX	DETROIT	1,161
41	MID000718544	GMC, ORION ASSEMBLY	ORION	1,155
42	MID005356795	GM-WILLOW RUN ASSEMBLY	YPSILANTI	1,096
43	MID005356951	GMC, FLINT VAN SLYKE COMPLEX	FLINT	1,012
			ROMULUS	949
45	MID005320031	AJAX METAL PROCESSING, PLATING GMC, LANSING BODY PLANT	DETROIT	946
46	MID005356928	GMC, LANSING BODY PLANT	LANSING	917
47	MID980568570	GMC, DELPHI ENERGY & ENGINE MANAGEMENT	FLINT	913
		SAFETY KLEEN CORP	PONTIAC	889
		MASCOTECH FORMING TECHNOLOGIES	FRASER	879
50	MID005356621	GENERAL MOTORS-DELPHI CHASSIS SYSTEMS	LIVONIA	873

TOTAL 484,711

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 20

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 732,643 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

RANK	EPA ID	SITE NAME MICHIGAN DISPOSAL WASTE TREATMENT PLANT WAYNE DISPOSAL, INC. PETROCHEM PROCESSING GRP. OF NORTRU, INC CITY ENVIRONMENTAL INC. DYNECOL INCORPORATED LAFARGE CORPORATION SYSTECH ENV. CORPLAFARGE CORPORATION CITY ENVIRONMENTAL, INC.	CITY	QUANTITY RECEIVED (TONS)
	 MTD000724831	MICHIGAN DISPOSAL WASTE TREATMENT PLANT	 BELLEVILLE	184 911
2	MTD048090633	WAYNE DISPOSAL INC	BELLEVILLE	162 563
3	MTD980615298	PETROCHEM PROCESSING GRP OF NORTRIL INC	DETROIT	98 847
4	MTD054683479	CITY ENVIRONMENTAL INC	DETROIT	56.939
5	MID074259565	DYNECOL INCORPORATED	DETROIT	48.186
6	MID005379607	LAFARGE CORPORATION	ALPENA	35,801
7	MID981200835	SYSTECH ENV. CORP LAFARGE CORPORATION	ALPENA	33,945
8	MID980991566	CITY ENVIRONMENTAL, INC.	DETROIT	25,502
9	MID005338801	GAGE PRODUCTS COMPANY - FERNDALE	FERNDALE	23,921
10	MID060975844	MICHIGAN RECOVERY SYSTEMS INC.	ROMULUS	22,420
11	MID980684088	SOLVENT DISTILLERS GROUP OF NORTRU, INC.	DETROIT	16,928
12	MID980617435	THE DOW CHEMICAL COMPANY - SALZBURG LAND	MIDLAND	11,705
13	MID000724724	THE DOW CHEMICAL COMPANY	MIDLAND	6,742
14	MID091605972	DETREX CORPORATION CYANOKEM, INC.	DETROIT	3,298
	MID098011992	CYANOKEM, INC.	DETROIT	557
		CYANO CORPORATION OF MICHIGAN	DETROIT	176
	MID000820381	THE UPJOHN COMPANY		135
	MID053343976	MICHIGAN STATE UNIVERSITY		53
		PLASTECH ENGINEERED PRODUCTS		7
20	MID985568021	CHEMICAL ANALYTICS, INCORPORATED	ROMULUS	7
TOTAL				

732,643

NOTE:

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	1,519	. 2	2	11.8
SOLVENTS RECOVERY	M021-M029	45,694	6.4	4	23.5
OTHER RECOVERY	M031-M039	3,337	.5	1	5.9
INCINERATION	M041-M049	6,919	1.0	3	17.6
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	35,801	5.0	2	11.8
FUEL BLENDING	M061	144,146	20.0	4	23.5
SLUDGE TREATMENT	M101-M109	710	.1	2	11.8
STABILIZATION	M111-M119	265,961	37.0	4	23.5
LANDFILL	M132	214,618	29.8	3	17.6
DEEPWELL / UNDERGROUND INJECTION	M134	746	.1	2	11.8
TOTAL		719,452	100.0	17	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION	M111-M119	265,961	37.0	4	23.5
LANDFILL	M132	214,618	29.8	3	17.6
FUEL BLENDING	M061	144,146	20.0	4	23.5
SOLVENTS RECOVERY	M021-M029	45,694	6.4	4	23.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	35,801	5.0	2	11.8
INCINERATION	M041-M049	6,919	1.0	3	17.6
OTHER RECOVERY	M031-M039	3,337	.5	1	5.9
METALS RECOVERY (FOR REUSE)	M011-M019	1,519	.2	2	11.8
DEEPWELL / UNDERGROUND INJECTION	M134	746	.1	2	11.8
SLUDGE TREATMENT	M101-M109	710	.1	2	11.8
TOTAL		719,452	100.0	17	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
FUEL BLENDING	M061	144,146	20.0	4	23.5
SOLVENTS RECOVERY	M021-M029	45,694	6.4	4	23.5
STABILIZATION	M111-M119	265,961	37.0	4	23.5
LANDFILL	M132	214,618	29.8	3	17.6
INCINERATION	M041-M049	6,919	1.0	3	17.6
DEEPWELL / UNDERGROUND INJECTION	M134	746	.1	2	11.8
METALS RECOVERY (FOR REUSE)	M011-M019	1,519	.2	2	11.8
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	35,801	5.0	2	11.8
SLUDGE TREATMENT	M101-M109	710	.1	2	11.8
OTHER RECOVERY	M031-M039	3,337	.5	1	5.9
TOTAL		719,452	100.0	17	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 394,406 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 189,391 TONS

TOTAL GENERATED

MINNESOTA

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 274

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 427,390 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	SITE NAME	CITY	(TONS)
1	 MND006148092	GOPHER RESOURCE CORP	EAGAN	340 701
2	MNID981195167	B J CARNEY CO SUPERFUND SITE	MINNEAPOLIS	17 754
3	MNTP.000153678	CEDAR SERVICE SITE	MINNEADOLIS	12 241
4	MNID006172969	3M COTTACE CROVE	COTTAGE GROVE	9 912
	MNTD041775000	MODTU CTAD CTFFT	COTTAGE GROVE	9,912
6	MNID980681589	NORIH SIAK SIEEL	NEM HODE	5,203 5,744
7	MNID981098478	II G FILTED DECOVERY SERVICES INC	POSEVILLE	3,711
ν Ω	MNTD001030470	ADVANCE CIRCUITE INC.	DOCEVILLE	2 000
۵	MNTD001037039	QUEIDAUI INC	MODEVILLE	2,090
10	MNTD006172002	2M TADE MANUEACTUDING DIVICION	HUTCHTNOON	1 047
11	MNID006172902	THE MANUFACTURING DIVISION	HUICHINSON	1,547
12	MNTD000430700	THE DIDENT FERMODOGI INC	MINITADOLIC	1 3/12
12	MAT721202000	III BOKEAU, EDECIKONICO GROUP	ADDEN HILLS	1,342
1.4	MMTD000024020	OS ARMI IWIN CITLES ARMI AMMO PLANT	ARDEN HILLS	1,197
14	MIND000624029	3M MAIN PLANI	SI PAUL	1,012
15	MND006173082	3 M CENTER-MAINTENANCE RESEARCH	MAPLEWOOD	999
10	MINDU42051007	ADVANCE CIRCUITS, INC.	MINNETONKA	655
1/	MND000686071	ROCH REFINING COMPANY- PINE BEND	ROSEMOUNT	793
18	MND006156590	FEDERAL-HOFFMAN INC	ANOKA	769
19	MND006207773	FORD MOTOR COMPANY	ST. PAUL	/35
20	MND006161/56	IBM CORPORATION	ROCHESTER	623
21	MND985/6/482	ECO FINISHING INC	FRIDLEY	541
22	MNDU / 652226 /	AG-CHEM EQUIPMENT	JACKSON	464
23	MND990860470	BUCKBEE MEARS ST PAUL	ST PAUL	425
24	MND006963508	NORTHWEST AIRLINES, INC.	ST. PAUL	396
25	MND006253801	SUPERIOR PLATING INC	MINNEAPOLIS	375
26	MND006219232	MICOM CORPORATION	NEW BRIGHTON	315
27	MND985668227	PRECISION DIVERSIFIED IND INC	PLYMOUTH	239
28	MND000808923	CONSOLIDATED CONTAINER CORP.	MINNEAPOLIS	234
29	MND079727061	AMERICAN NATIONAL CAN COMPANY	MINNEAPOLIS	228
30	MND006160014	PLATING INCORPORATED	ST PAUL	227
31	MND006478523	DOUGLAS CORP PLATING DIVISION	ST LOUIS PARK	214
32	MN0000903468	RECYCLIGHTS, INC.	BLOOMINGTON	199
33	MND980501167	CRENLO INC PLANT #2	ROCHESTER	198
34	MND006209860	CRYSTAL CABINET WORKS INC	PRINCETON	187
35	MNT280010257	NICO PRODUCTS, INC.	MINNEAPOLIS	186
36	MND000293076	SEAGATE TECHNOLOGY INC.	BLOOMINGTON	175
37	MND006167332	ANDERSEN CORPORATION	BAYPORT	174
38	MND022888143	DETERMAN WELDING AND TANK SERVICE	FRIDLEY	167
39	MND982639775	TRC CIRCUITS INC.	CRYSTAL	156
40	MND118765791	CYPRESS SEMICONDUCTOR INC	BLOOMINGTON	150
41	MND050742014	CROWN & CORK & SEAL-FARIBAULT	FARIBAULT	149
42	MND006162820	MARATHON ASHLAND PETROLEUM, LLC	ST. PAUL PARK	142
43	MND078680790	3M STILLWATER BLDG 1	STILLWATER	124
44	MNT280010034	CIRCUIT SCIENCE	PLYMOUTH	123
45	MND079723979	3M ELECTRICAL PRODUCTS DIV. NE	NEW ULM	115
46	MND985713452	CENTURY CIRCUITS & ELECTRONICS	ST. PAUL	115
47	MND006147045	CYTEC FIBERITE INC	WINONA	113
48	MND980682918	CSD ACQUISTION CORP	NEW HOPE	109
49	MND980794705	DOUGLAS CORPORATION	EDEN PRAIRIE	108
50	MND982205874	BERGQUIST COMPANY SIL PAD DIVI	CANNON FALLS	106
TOTAL		GOPHER RESOURCE CORP B.J. CARNEY CO SUPERFUND SITE CEDAR SERVICE SITE 3M COTTAGE GROVE NORTH STAR STEEL AVTEC FINISHING SYSTEMS U. S. FILTER RECOVERY SERVICES INC. ADVANCE CIRCUITS, INC. SHELDAHL INC 3M TAPE MANUFACTURING DIVISION HUTCHINSON TECHNOLOGY INC THE BUREAU, ELECTRONICS GROUP US ARMY TWIN CITIES ARMY AMMO PLANT 3M MAIN PLANT 3 M CENTER-MAINTENANCE RESEARCH ADVANCE CIRCUITS, INC. KOCH REFINING COMPANY- PINE BEND FEDERAL-HOFFMAN INC FORD MOTOR COMPANY IBM CORPORATION ECO FINISHING INC AG-CHEM EQUIPMENT BUCKBEE MEARS ST PAUL NORTHWEST AIRLINES, INC. SUPERIOR PLATING INC MICOM CORPORATION PRECISION DIVERSIFIED IND INC CONSOLIDATED CONTAINER CORP. AMERICAN NATIONAL CAN COMPANY PLATING INCORPORATED DOUGLAS CORP PLATING DIVISION RECYCLIGHTS, INC. CRENLO INC PLANT #2 CRYSTAL CABINET WORKS INC NICO PRODUCTS, INC. SEAGATE TECHNOLOGY INC. ANDERSEN CORPORATION DETERMAN WELDING AND TANK SERVICE TRC CIRCUITS INC. CYPRESS SEMICONDUCTOR INC CROWN & CORK & SEAL-FARIBAULT MARATHON ASHLAND PETROLEUM, LLC 3M STILLWATER BLDG 1 CIRCUIT SCIENCE 3M ELECTRICAL PRODUCTS DIV. NE CENTURY CIRCUITS & ELECTRONICS CYTEC FIBERITE INC CSD ACQUISTION CORP DOUGLAS CORPORATION BERGQUIST COMPANY SIL PAD DIVI		401 501

421,791

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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 ONLY CORROSIVE ONLY REACTIVE ONLY D004-17 ONLY D018-43	1,710 7,628 98 344,111 263	ONLY AN F CODE ONLY A K CODE ONLY A P CODE ONLY A U CODE	37,361 9,679 1 3		
HAS MORE THAN ONE CHARACTERISTIC CODE TOTAL	11,246 365,057	HAS MORE THAN ONE LISTED CODE TOTAL	70 47,114	BOTH CHARACTERISTIC & LISTED	15,167

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	3,342			IGN. W/ AT LEAST 1 LSTD	7,401
HAS CORROSIVE CODE	9,283			CORR. W/ AT LEAST 1 LSTD	154
HAS REACTIVE CODE	2,043			REACT. W/ AT LEAST 1 LSTD	111
HAS D004-D017 CODE	10,143			D004-17 W/ AT LEAST 1 LSTD	6,820
HAS D018-D043 CODE	1,495			D018-43 W/ AT LEAST 1 LSTD	6,423
		HAS AN F CODE	59	F WASTE W/ AT LEAST 1 CHAR	14,915
		HAS A K CODE	47	K WASTE W/ AT LEAST 1 CHAR	1
		HAS A P CODE	11	P WASTE W/ AT LEAST 1 CHAR	19
		HAS A U CODE	23	U WASTE W/ AT LEAST 1 CHAR	297
TOTAL	11,246	TOTAL	70	TOTAL	15,167

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 24

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 141,292 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1 MND006148	3092 GOPHER RESOURCE CORP	EAGAN	112,513
2 MND006172	2969 3M COTTAGE GROVE	COTTAGE GROVE	21,617
3 MND981098	3478 U.S. FILTER RECOVERY SERVICES INC.	. ROSEVILLE	6,523
4 MN0000903	3468 RECYCLIGHTS, INC.	BLOOMINGTON	503
5 MND000826	5206 NSP CHESTNUT SERVICE CENTER	MINNEAPOLIS	66
6 MND083467	7688 MAYO FOUNDATION	ROCHESTER	53
7 MND006156	5590 FEDERAL-HOFFMAN INC	ANOKA	9
8 MN3170022	2914 UNITED DEFENSE LP/US NAVY	FRIDLEY	7

TOTAL

141,292

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	118,231	83.7	4	50.0
OTHER RECOVERY	M031-M039	861	.6	3	37.5
INCINERATION	M041-M049	21,626	15.3	3	37.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	53	.0	1	12.5
FUEL BLENDING	M061	13	.0	1	12.5
SLUDGE TREATMENT	M101-M109	507	. 4	2	25.0
LANDFILL	M132	0	.0	1	12.5
TOTAL		141,292	100.0	8	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	118,231	83.7	4	50.0
INCINERATION	M041-M049	21,626	15.3	3	37.5
OTHER RECOVERY	M031-M039	861	.6	3	37.5
SLUDGE TREATMENT	M101-M109	507	. 4	2	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	53	.0	1	12.5
FUEL BLENDING	M061	13	.0	1	12.5
LANDFILL	M132	0	.0	1	12.5
TOTAL		141,292	100.0	8	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	118,231	83.7	4	50.0
OTHER RECOVERY	M031-M039	861	.6	3	37.5
INCINERATION	M041-M049	21,626	15.3	3	37.5
SLUDGE TREATMENT	M101-M109	507	. 4	2	25.0
FUEL BLENDING	M061	13	.0	1	12.5
LANDFILL	M132	0	.0	1	12.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	53	.0	1	12.5
TOTAL		141,292	100.0	8	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

MINNESOTA

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 258

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 424,611 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	GOPHER RESOURCE CORP B.J. CARNEY CO SUPERFUND SITE CEDAR SERVICE SITE 3M COTTAGE GROVE NORTH STAR STEEL U. S. FILTER RECOVERY SERVICES INC. SHELDAHL INC ADVANCE CIRCUITS, INC. 3M TAPE MANUFACTURING DIVISION HUTCHINSON TECHNOLOGY INC SAFETY-KLEEN CORP THE BUREAU, ELECTRONICS GROUP US ARMY TWIN CITIES ARMY AMMO PLANT 3M CENTER-MAINTENANCE RESEARCH SAFETY-KLEEN CORP ADVANCE CIRCUITS, INC. FEDERAL-HOFFMAN INC KOCH REFINING COMPANY- PINE BEND FORD MOTOR COMPANY IBM CORPORATION ECO FINISHING INC AG-CHEM EQUIPMENT BUCKBEE MEARS ST PAUL VAN WATERS AND ROGERS SUPERIOR PLATING INC MICOM CORPORATION NORTHWEST AIRLINES, INC. ASHLAND CHEMICAL COMPANY CONSOLIDATED CONTAINER CORP. AMERICAN NATIONAL CAN COMPANY PLATING INCORPORATED CRENLO INC PLANT #2 CRYSTAL CABINET WORKS INC NICO PRODUCTS, INC. UNIV. OF MINNESOTA - IWMF SEAGATE TECHNOLOGY INC. ANDERSEN CORPORATION DETERMAN WELDING AND TANK SERVICE TRC CIRCUITS INC. CYPRESS SEMICONDUCTOR INC CROWN & CORK & SEAL-FARIBAULT MARATHON ASHLAND PETROLEUM, LLC 3M SILLWATER BLDG 1 CIRCUIT SCIENCE 3M ELECTRICAL PRODUCTS DIV. NE CENTURY CIRCUITS & ELECTRONICS CYTEC FIBERITE INC CSD ACQUISTION CORP DOUGLAS CORPORATION	CITY	SHIPPED (TONS)
1	 MND006148092	GODHER RESOURCE CORP	EAGAN	340 701
2	MNID981195167	B.I CAPNEY CO SUDEPRIMO SITE	MINNEADOLIS	17 754
3	MNTP.000153678	CEDAR SERVICE SITE	MINNEADOLIS	12 241
4	MNID006172969	3M COTTACE CROVE	COTTAGE GROVE	9 912
5	MNID041775000	MODTU CTAD CTFFI	COTTAGE GROVE	9 203
6	MNID981098478	II G FILTED DECOVEDY GERVICES INC	POSEVILLE	4 242
7	MNID006147268	CHELDANI INC	NORTHETELD	2 186
ν Ω	MNID000117200	ADVANCE CIDCUITEC INC	DOCENTI E	2,100
۵	MNID001037033	3M TADE MANIERCTIPING DIVISION	TITCUTNOON	1 9/7
10	MNID006172362	UITCUTNOON TECUNOLOGY INC	UITCUTNOON	1 550
11	MNID981953045	SAFETY-KLEEN CORP	RIATNE	1 403
12	MNID980700900	THE BIDEAU FIFCTPONICS CROUD	MINNEADOLIS	1 342
13	MNT7213820908	IIG APMY TWIN CITTES APMY AMMO DIANT	APDEN HILLS	1 197
1/	MNTD000824020	3M MAIN DIANT	OT DAIL	1 012
1 5	MATD 006172002	2 M CENTED MAINTENANCE DECEADOU	MADI EWOOD	1,012
16	MNID981097884	SAFFTV-KI.FFN COPD	FACAN	999 861
17	MNID01097664	ADVANCE CIRCUITE INC	MINNETONE A	955
10	MNTD0042031007	EPDEDAL HOPEMAN INC.	ANORA	700
10	MNTD000130330	VOCH DESTRING COMPANY DINE DEND	DOCEMOINT	702
7.0	MATD 0 0 6 2 0 7 7 7 2	ROCH REFINING COMPANY	ROSEMOUNI	725
21	MNTD006207773	TDM CODDODATION	DOCUECTED	735 637
2.7	MATD 0 0 5 7 6 7 4 9 2	ECO EINICUING INC	ROCHESTER EDIDI EV	637 E41
22	MNTD076E22267	AC CHEM FOLLDMENT	LY CACOM	767
2.4	MNTD000060470	AG-CHEM EQUIPMENT	OACKSON CT DAIII	404
25	MNTD00061E726	TAN WATER AND DOORDS	OT DAIL	207
25	MNID006253801	CIDEDIOD DIATING INC	MINNEADOITC	375
27	MNTD006233001	MICOM CORDODATION	NEW DETCHTON	215
2 /	WWID000213232	MODTUMET ATTITUTE THE	OT DAIL	204
20	MNTD000903300	ACHIAND CHEMICAL COMDANY	CHAVODEE	260
20	MATDUUUUUUUU	CONCOLLDATED CONTAINED CORD	MINNEADOLIC	200
31	MNID079727061	AMERICAN NATIONAL CAN COMPANY	MINNEAPOLIS	234
32	MNID006160014	DIATING INCORDORATED	ST DAIII.	220
33	MNTD000100014	CDENIO INCONFORMILD	DOCUECTED	100
2.4	MMIDUU 6 200 0 6 0	CRENTO INC FLANT #Z	DDINGERON	107
34	MATE 20001025	NIGO DEODUGES INC	MINDEADOLIC	107
35	MN1260010257	NICO PRODUCIS, INC.	MINNEAPOLIS	196
27	MNTD0000301413	CENCATE TECHNOLOGY INC	DI COMINGTON	175
20	MNTD000293070	ANDERGEN CORROBATION	BLOOMINGION	173
30	MATD 0 2 2 0 0 0 1 4 2	DEMEDMAN WEIDING AND MANY CEDVICE	BAIFORI	167
10	MND022000143	DETERMAN WELDING AND TANK SERVICE	CDVCEAL	10/
41	MNU902039773	CYDDECC CEMICONDUCTOD INC	DIOOMINGTON	150
4.7	MATD 0 F 0 7 4 2 0 1 4	CIPRESS SEMICONDUCTOR INC	BLOOMINGION	140
42	MMTD006162024	MADARION ACII AND DERDOLEUM II C	CM DAIR DADK	149
43	MATD 0 7 0 6 0 0 7 0 0	OM CHILLWARD DIDG 1	SI. PAUL PARK	194
44	MATER 20001790	OTPOUTE COTENOE	SIILLWAIER	127
45	MN1200010034	SW ELECTRICAL DEODITOTO DIV NE	PLIMOUIH	116
17	MNTD985712/57	CENTIDA CIBCILLAG & ELECADOMICO	QT DAIII	110
10	MMID00614704E	CALLC ELDEDILE INC	WINONA	113
40	MMTD000147045	CITEC PIDERILE INC	MINOTAN MINOTAN	100
49	MATD00000470E	DOTICE AC CODDODATION	NEW HOPE	109
50	MIND300/34/05	DOUGLAS CORPORATION	EDEN LYVIKIE	108
TOTAL				410.014

418,914

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 12

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 156,239 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

	III DINCODDI NCI	in inibiniboob wholl receivened, 1997		OUANTITY
RAN	K EPA ID	SITE NAME	CITY	RECEIVED (TONS)
	1 MND006148092	GOPHER RESOURCE CORP	EAGAN	112,513
	2 MND006172969	3M COTTAGE GROVE	COTTAGE GROVE	22,426
	3 MND980615736	VAN WATERS AND ROGERS	ST PAUL	11,329
	4 MND981098478	U. S. FILTER RECOVERY SERVICES INC.	ROSEVILLE	7,974
	5 MND981953045	SAFETY-KLEEN CORP	BLAINE	1,156
	6 MN0000903468	RECYCLIGHTS, INC.	BLOOMINGTON	304
	7 MND000686709	ASHLAND CHEMICAL COMPANY	SHAKOPEE	272
	8 MN0000981415	UNIV. OF MINNESOTA - IWMF	MINNEAPOLIS	184
	9 MND000826206	NSP CHESTNUT SERVICE CENTER	MINNEAPOLIS	66
1	0 MND000773341	MINNESOTA AIR NATIONAL GUARD	DULUTH	8
1	1 MND000824052	MINNESOTA POWER TSD FACILITY	DULUTH	5
1	2 MND000819284	HONEYWELL, INC. HOME&BUILDING CONTROLS	GOLDEN VALLEY	2

TOTAL 156,239

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

MINNESOTA

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	118,032	83.7	4	80.0
OTHER RECOVERY	M031-M039	860	.6	2	40.0
INCINERATION	M041-M049	21,617	15.3	2	40.0
FUEL BLENDING	M061	13	.0	1	20.0
SLUDGE TREATMENT	M101-M109	500	. 4	1	20.0
LANDFILL	M132	0	.0	1	20.0
TOTAL		141.022	100.0	5	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	118,032	83.7	4	80.0
INCINERATION	M041-M049	21,617	15.3	2	40.0
OTHER RECOVERY	M031-M039	860	.6	2	40.0
SLUDGE TREATMENT	M101-M109	500	. 4	1	20.0
FUEL BLENDING	M061	13	.0	1	20.0
LANDFILL	M132	0	.0	1	20.0
TOTAL		141,022	100.0	5	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE) OTHER RECOVERY INCINERATION FUEL BLENDING LANDFILL SLUDGE TREATMENT	M011-M019 M031-M039 M041-M049 M061 M132 M101-M109	118,032 860 21,617 13 0 500	83.7 .6 15.3 .0 .0	4 2 2 1 1	80.0 40.0 40.0 20.0 20.0 20.0
TOTAL		141,022	100.0	5	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

MINNESOTA

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 105,301 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 412,068 TONS

TOTAL GENERATED

MISSISSIPPI

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 193

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 1,654,338 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

DAMK	FDA TD	E.I. DUPONT DE NEMOURS & CO. DELISLE PLA MORTON INTERNATIONAL, INC CHEVRON PRODUCTS CO-PASCAGOULA REFINERY FIRST CHEMICAL CORP. BIRMINGHAM SOUTHEAST LLC MID-SOUTH LUMBER/FORT JAMES CORPORATION GENCORP GE PLASTICS AKZO NOBEL COATINGS, INC. INGALLS SHIPBUILDING, INC. WEST BANK CENTRAL GALVANIZING, INC. AUTOMATIC PROCESSING MORTON ELECTRONIC MATERIALS DOUBLECOTE LLC AZTEC INDUSTRIES, INC. ICI ACRYLICS, INC., OLIVE BRANCH, MS PLATTE CHEMICAL COMPANY POTTER REMEDIATION SITE PRECOAT METALS WORLD COLOR HUNTER DOUGLAS - TUPELO CENTER THOMAS & BETTS SHERWIN-WILLIAMS OLIVE BRANCH FACILITY PIPPER IMPACT INC. KOPPERS INDUSTRIES, INC. CAVENHAM FOREST INDUSTRIES, INC. PLYMOUTH TUBE COMPANY REMAN, INC. ZEON CHEMICALS INCORPORATED ALUMAX EXTRUSIONS, INC. MOOG BATESVILLE TRUE TEMPER SPORTS, INC.(EMHART) HOLNAM, INC. IPC CORINTH DIV. INC. COLUMBUS AIR FORCE BASE AMERICAN RAILCAR INDUSTRIES CHROMCRAFT FURNITURE CATERPILLAR REMANUFACTURED PRODUCTS GP KRUEGER INTERNATIONAL	CITY	(TONG)
IVAIVIC	EFA ID	SILE NAME		(10N3)
1	MSD096046792	E.I. DUPONT DE NEMOURS & CO. DELISLE PLA	PASS CHRISTIAN	1.124.915
2	MSD008186587	MORTON INTERNATIONAL, INC	MOSS POINT	492,356
3	MSD054179403	CHEVRON PRODUCTS CO-PASCAGOULA REFINERY	PASCAGOULA	7.711
4	MSD033417031	FIRST CHEMICAL CORP.	PASCAGOULA	7.575
5	MSD008158685	BIRMINGHAM SOUTHEAST LLC	FLOWOOD	6.095
6	MSD985977891	MID-SOUTH LUMBER/FORT JAMES CORPORATION	MERIDIAN	1,997
7	MSD004001244	GENCORP	COLUMBUS	1,324
8	MSD000742668	GE PLASTICS	PEARLINGTON	908
9	MSD041165747	AKZO NOBEL COATINGS, INC.	CLINTON	712
10	MSD050648757	INGALLS SHIPBUILDING, INC. WEST BANK	PASCAGOULA	659
11	MSD985966514	GE PLASTICS AKZO NOBEL COATINGS, INC. INGALLS SHIPBUILDING, INC. WEST BANK CENTRAL GALVANIZING, INC. AUTOMATIC PROCESSING MORTON ELECTRONIC MATERIALS DOUBLECOTE LLC AZTEC INDUSTRIES, INC. ICI ACRYLICS, INC., OLIVE BRANCH, MS PLATTE CHEMICAL COMPANY POTTER REMEDIATION SITE PRECOAT METALS WORLD COLOR HUNTER DOUGLAS - TUPELO CENTER THOMAS & BETTS SHERWIN-WILLIAMS OLIVE BRANCH FACILITY PIPER IMPACT INC. KOPPERS INDUSTRIES, INC. CAVENHAM FOREST INDUSTRIES, INC. PLYMOUTH TUBE COMPANY REMAN, INC. ZEON CHEMICALS INCORPORATED ALUMAX EXTRUSIONS, INC. MOOG BATESVILLE TRUE TEMPER SPORTS, INC.(EMHART) HOLNAM, INC. IPC CORINTH DIV. INC. COLUMBUS AIR FORCE BASE AMERICAN RAILCAR INDUSTRIES CHEMORRAFT FURNITURE CATERPILLAR REMANUFACTURED PRODUCTS GP	KOSCIUSKO	626
12	MSD010406809	AUTOMATIC PROCESSING	MOSS POINT	569
13	MSD980601512	MORTON ELECTRONIC MATERIALS	MOSS POINT	561
14	MSD985980481	DOUBLECOTE LLC	JACKSON	444
15	MSD052512027	AZTEC INDUSTRIES, INC.	RICHLAND	425
16	MSD980799480	ICI ACRYLICS, INC., OLIVE BRANCH, MS	OLIVE BRANCH	415
17	MSD066106923	PLATTE CHEMICAL COMPANY	GREENVILLE	397
18	MS0000563858	POTTER REMEDIATION SITE	BROOKHAVEN	351
19	MS0000043307	PRECOAT METALS	JACKSON	348
20	MSD081341729	WORLD COLOR	CORINTH	277
21	MSD982110389	HUNTER DOUGLAS - TUPELO CENTER	SHANNON	224
22	MSD130452501	THOMAS & BETTS	SOUTHAVEN	210
23	MSD000287417	SHERWIN-WILLIAMS OLIVE BRANCH FACILITY	OLIVE BRANCH	208
24	MSD063947790	PIPER IMPACT INC.	NEW ALBANY	205
25	MSD007027543	KOPPERS INDUSTRIES, INC.	TIE PLANT	202
26	MSD057226961	CAVENHAM FOREST INDUSTRIES, INC.	GULFPORT	178
27	MSD982112872	PLYMOUTH TUBE COMPANY	EUPORA	164
28	MSD982114712	REMAN, INC.	POLKVILLE	150
29	MSD982106700	ZEON CHEMICALS INCORPORATED	HATTIESBURG	139
3.0	MSD097904932	ALUMAX EXTRUSIONS, INC.	HERNANDO	136
31	MSD985971654	MOOG BATESVILLE	BATESVILLE	118
32	MSD054531215	TRUE TEMPER SPORTS, INC. (EMHART)	AMORY	117
33	MSD077655876	HOLNAM, INC.	ARTESIA	108
34	MSD096076781	IPC CORINTH DIV. INC.	CORINTH	103
35	MS7570024060	COLUMBUS AIR FORCE BASE	COLUMBUS	101
36	MSD069530970	AMERICAN RAILCAR INDUSTRIES	BUDE	81
37	MSD006294771	CHROMCRAFT FURNITURE	SENATOBIA	81
38	MSD980601686	CATERPILLAR REMANUFACTURED PRODUCTS GP	CORINTH	78
39	MSD007039381	KRUEGER INTERNATIONAL	TUPELO	76
40	MS0000876888	LEADING EDGE AIRCRAFT PAINTING	GREENVILLE	76
41	MSD060838653	GNB TECHNOLOGIES	FLORENCE	75
42	MSD985979996	A & B CORES, INC.	RALEIGH	70
43	MSD021019914	AMERICAN WOOD	RICHTON	67
44	MSD002088474	KRUEGER INTERNATIONAL LEADING EDGE AIRCRAFT PAINTING GNB TECHNOLOGIES A & B CORES, INC. AMERICAN WOOD SUPER SAGLESS, INC. NATIONAL PICTURE & FRAME COMPANY ALLSTEEL, INC.	TUPELO	66
45	MSD050239698	NATIONAL PICTURE & FRAME COMPANY	GREENWOOD	64
46	MSD073514267	ALLSTEEL, INC.	VERONA	63
47	MSD050985191	SANDERSON PLUMBING PRODUCTS, INC.	COLUMBUS	60
48	MSD980600084	INTERNATIONAL PAPER COMPANY	WIGGINS	59
49	MSD985967595	HEATCRAFT, INC.	GRENADA	56
50	MSD008194144	SANDERSON PLUMBING PRODUCTS, INC. INTERNATIONAL PAPER COMPANY HEATCRAFT, INC. KENSON WOOD PERSERVING LLC	PICAYUNE	49

TOTAL 1,652,049

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY	TONS OF		TONS OF	WASTE HAS BOTH	TONS OF
CHARACTERISTIC	WASTE	WASTE HAS ONLY	WASTE	CHARACTERISTIC	WASTE
CODES	GENERATED	LISTED CODES	GENERATED	AND LISTED CODES	GENERATED
ONLY IGNITABLE	1,250	ONLY AN F CODE	3,974		
ONLY CORROSIVE	431	ONLY A K CODE	9,641		
ONLY REACTIVE	1	ONLY A P CODE	11		
ONLY D004-17	1,429	ONLY A U CODE	38		
ONLY D018-43	493				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	1,127,662	LISTED CODE	7		
TOTAL	1,131,265	TOTAL	13,671	BOTH CHARACTERISTIC & LISTED	509,402

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	746			IGN. W/ AT LEAST 1 LSTD	11,975
HAS CORROSIVE CODE	1,127,000			CORR. W/ AT LEAST 1 LSTD	67
HAS REACTIVE CODE	77			REACT. W/ AT LEAST 1 LSTD	492,266
HAS D004-D017 CODE	1,127,258			D004-17 W/ AT LEAST 1 LSTD	1,862
HAS D018-D043 CODE	484			D018-43 W/ AT LEAST 1 LSTD	503,389
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	501,105
		HAS A K CODE	2	K WASTE W/ AT LEAST 1 CHAR	10,639
		HAS A P CODE	5	P WASTE W/ AT LEAST 1 CHAR	192
		HAS A U CODE	7	U WASTE W/ AT LEAST 1 CHAR	3,244
TOTAL	1,127,662	TOTAL	7	TOTAL	509,402

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

TONS OF WASTE

MISSISSIPPI

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 16

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 1,720,718 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

2 MSD008186587 MORTON INTERNATIONAL, INC MOSS POINT 492 3 MSD077655876 HOLNAM, INC. ARTESIA 34	
3 MSD077655876 HOLNAM, INC. ARTESIA 34	595
	270
4 MSD054179403 CHEVRON PRODUCTS CO-PASCAGOULA REFINERY PASCAGOULA 7	327
	060
5 MSD033417031 FIRST CHEMICAL CORP. PASCAGOULA 6	435
6 MSD096076781 IPC CORINTH DIV. INC. CORINTH	32

1,720,718

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	62	.0	2	33.3
OTHER RECOVERY	M031-M039	7,060	. 4	1	16.7
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	40,761	2.4	2	33.3
LANDFILL	M132	2,971	. 2	1	16.7
DEEPWELL / UNDERGROUND INJECTION	M134	1,669,863	97.0	2	33.3
TOTAL		1,720,718	100.0	6	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	1,669,863	97.0	2	33.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	40,761	2.4	2	33.3
OTHER RECOVERY	M031-M039	7,060	. 4	1	16.7
LANDFILL	M132	2,971	. 2	1	16.7
SOLVENTS RECOVERY	M021-M029	62	.0	2	33.3
TOTAL		1,720,718	100.0	6	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	1,669,863	97.0	2	33.3
SOLVENTS RECOVERY	M021-M029	62	.0	2	33.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	40,761	2.4	2	33.3
LANDFILL	M132	2,971	.2	1	16.7
OTHER RECOVERY	M031-M039	7,060	. 4	1	16.7
TOTAL		1,720,718	100.0	6	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 188

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 21,473 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	F'IF".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		OTTA NULT UNI
	RANK	EPA ID	SITE NAME	CITY FLOWOOD MERIDIAN PASCAGOULA PEARLINGTON CLINTON PASCAGOULA PASCAGOULA KOSCIUSKO MOSS POINT	SHIPPED (TONS)
	1	MSD008158685	BIRMINGHAM SOUTHEAST LLC	FIOWOOD	6.095
	2	MSD985977891	MID-SOUTH LUMBER/FORT JAMES CORPORATION	MERIDIAN	1.150
	3	MSD033417031	FIRST CHEMICAL CORP.	PASCAGOULA	1.140
	4	MSD000742668	FIRST CHEMICAL CORP. GE PLASTICS AKZO NOBEL COATINGS, INC.	PEARLINGTON	908
	5	MSD041165747	AKZO NOBEL COATINGS, INC.	CLINTON	661
	6	MSD050648757	INGALLS SHIPBUILDING, INC. WEST BANK	PASCAGOULA	659
	7	MSD054179403	CHEVRON PRODUCTS CO-PASCAGOULA REFINERY	PASCAGOULA	628
	8	MSD985966514	FIRST CHEMICAL CORP. GE PLASTICS AKZO NOBEL COATINGS, INC. INGALLS SHIPBUILDING, INC. WEST BANK CHEVRON PRODUCTS CO-PASCAGOULA REFINERY CENTRAL GALVANIZING, INC. MORTON ELECTRONIC MATERIALS DOUBLECOTE LLC AUTOMATIC PROCESSING AZTEC INDUSTRIES, INC. ICI ACRYLICS, INC., OLIVE BRANCH, MS PLATTE CHEMICAL COMPANY POTTER REMEDIATION SITE PRECOAT METALS ZEON CHEMICALS INCORPORATED WORLD COLOR HUNTER DOUGLAS - TUPELO CENTER THOMAS & BETTS SHERWIN-WILLIAMS OLIVE BRANCH FACILITY PIPER IMPACT INC.	KOSCIUSKO	626
	9	MSD980601512	MORTON ELECTRONIC MATERIALS	MOSS POINT	564
	10	MSD985980481	DOUBLECOTE LLC	JACKSON	444
	11	MSD010406809	AUTOMATIC PROCESSING	MOSS POINT	430
	12	MSD052512027	AZTEC INDUSTRIES, INC.	RICHLAND	425
	13	MSD980799480	ICI ACRYLICS, INC., OLIVE BRANCH, MS	OLIVE BRANCH	415
	14	MSD066106923	PLATTE CHEMICAL COMPANY	GREENVILLE	397
	15	MS0000563858	POTTER REMEDIATION SITE	BROOKHAVEN	351
	16	MS0000043307	PRECOAT METALS	JACKSON	336
	17	MSD982106700	ZEON CHEMICALS INCORPORATED	HATTIESBURG	278
	18	MSD081341729	WORLD COLOR	CORINTH	277
	19	MSD982110389	HUNTER DOUGLAS - TUPELO CENTER	SHANNON	224
	20	MSD130452501	THOMAS & BETT'S	SOUTHAVEN	215
	2.1	MSD000267417	DIDED INDICE INC	OLIVE BRANCH	208 205
	22	MSD003947790	PIPER IMPACT INC.	NEW ALBANI	202
	2.4	MCD00/02/343	PIPER IMPACT INC. KOPPERS INDUSTRIES, INC. GENCORP	COLUMBIC	181
	25	MCD057226061	CAMPNUAM PODECT INDICTOIRS INC	CULUMBUS	178
	26	MSD982112872	PLYMOUTH TURE COMPANY	EUPORA	164
	27	MSD982114712	REMAN. INC.	DOLKATI'LE	150
	28	MSD097904932	GENCORP CAVENHAM FOREST INDUSTRIES, INC. PLYMOUTH TUBE COMPANY REMAN, INC. ALUMAX EXTRUSIONS, INC. MOOG BATESVILLE	NEW ALBANY TIE PLANT COLUMBUS GULFPORT EUPORA POLKVILLE HERNANDO BATESVILLE	133
	29	MSD985971654	MOOG BATESVILLE	BATESVILLE	118
	30	MSD054531215	IRUE IEMPER SPORIS, INC.(EMHARI)	AMORI	117
	31	MSD077655876	HOLNAM, INC.	ARTESIA	108
	32	MS7570024060	COLUMBUS AIR FORCE BASE	COLUMBUS	101
	33	MSD069530970	HOLNAM, INC. COLUMBUS AIR FORCE BASE AMERICAN RAILCAR INDUSTRIES	BUDE	83
	34	MSD980601686	CATERPILLAR REMANUFACTURED PRODUCTS GP	CORINTH	78
	35	MSD008186587	MORTON INTERNATIONAL, INC	MOSS POINT	77
	36	MSD007039381	KRUEGER INTERNATIONAL	TUPELO	76
	37	MS0000876888	MORTON INTERNATIONAL, INC KRUEGER INTERNATIONAL LEADING EDGE AIRCRAFT PAINTING	GREENVILLE	76
	38	MSD060838653	GNB TECHNOLOGIES IPC CORINTH DIV. INC. A & B CORES, INC. CHROMCRAFT FURNITURE AMERICAN WOOD SUPER SAGLESS, INC. ALLSTEEL, INC. INTERNATIONAL PAPER COMPANY HEATCRAFT, INC.	FLORENCE	75
	39	MSD096076781	IPC CORINTH DIV. INC.	CORINTH	71
	40	MSD985979996	A & B CORES, INC.	RALEIGH	70
	41	MSD006294771	CHROMCRAFT FURNITURE	SENATOBIA	67
	42	MSD021019914	AMERICAN WOOD	RICHTON	67 66
	43	MSD002088474	SUPER SAGLESS, INC.	TUPELU	
	44	MSD0/351426/	ALLSTEEL, INC.	VERUNA	63 59
	45	MSD960600064	HEATCRAFT INC	WIGGINS CDFNADA	56
	47	MSD050907393	HEATCRAFT, INC. SANDERSON PLUMBING PRODUCTS, INC. KENSON WOOD PERSERVING LLC PLANTATION PIPE LINE COMPANY-CN	COLUMBUS	51
	42	MSD000000191	KENSON WOOD PERSERVING LLC	DICAVINE	49
	49	MSD991277310	PLANTATION PIPE LINE COMPANY-CN	COLLINS	48
	50	MST00001953	US RUBBER RECLAIMING	VICKSBURG	48
	50				10
7	TOTAL				10.060

19,268

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 3

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 34,889 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

| QUANTITY | RANK | EPA | ID | SITE NAME | CITY | RECEIVED (TONS) | CITY | RECEIVED (TONS) | CITY | CITY | RECEIVED (TONS) | CITY | CIT

TOTAL 34,889

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES	
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	34,327	100.0	1	100.0	
TOTAL		34,327	100.0	1		

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	34,327	100.0	1	100.0
TOTAL		34,327	100.0	1	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	34,327	100.0	1	100.0
TOTAL		34,327	100.0	1	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 34,469 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 15,213 TONS

TOTAL GENERATED

MISSOURI

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 363

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 116,705 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	SITE NAME	CITY KANSAS CITY MEXICO KANSAS CITY FOREST CITY ST LOUIS NEW MADRID NEVADA KANSAS CITY NORTH KANSAS CITY CLAYCOMO ELDON SPRINGFIELD NEOSHO PARKVILLE NORTH KANSAS CITY KANSAS CITY KANSAS CITY ST LOUIS ST LOUIS FENTON KANSAS CITY ST LOUIS FENTON KANSAS CITY ST LOUIS MISSOURI CITY HAZELWOOD HAZELWOOD ST LOUIS KANSAS CITY KANSAS CITY ST LOUIS MISSOURI CITY HAZELWOOD ST LOUIS KANSAS CITY	(TONS)
1	MO0000031823	GS TECHNOLOGIES OPERATING CO INC TEVA PHARMACEUTICALS USA SOLVENT RECOVERY CORP EXIDE CORP SCHUYLKILL METALS DIV MALLINCKRODT CHEMICAL INC NORANDA ALUMINUM INC 3M CO BAYER CORP WILCOX ELECTRIC INC FORD MOTOR CO	KANSAS CITY	14,117
2	MOD985791995	TEVA PHARMACEUTICALS USA	MEXICO	12,143
3	MOD000610766	SOLVENT RECOVERY CORP	KANSAS CITY	8,952
4	MOD030712822	EXIDE CORP SCHUYLKILL METALS DIV	FOREST CITY	8,892
5	MOD096726484	MALLINCKRODT CHEMICAL INC	ST LOUIS	5,758
6	MOD093/50966	NORANDA ALUMINUM INC	NEW MADRID	5,660
/	MODU5/894321	3M CO	NEVADA	5,323
8	MOD056389828	BAYER CORP	KANSAS CITY	4,24/
10	MOD980968739	WILCOX ELECTRIC INC	NORTH KANSAS CITY	3,133
10	MOD007118078 MOR000012880	SOLA OPTICAL USA INC COBURN DUMP SITE	CLAYCOMO	2,933
	MOD043937895	3M CO	EDDINGETEI D	2,640
		TALBOT INDUSTRIES INC	MECCHO	2,1/4
- 1 4	*****************************	B F I WASTE SYSTEMS OF NORTH AMERICA INC	NEOSHO	1,710
15	MOD903010490	COOK COMPOSITES AND DOLVMEDS CO	NODTH VANCAC CITY	1,363
16	MOD000707371	REATER FACT INC	KANGAG CITY	1,442
17	MOD980962773	SIGMA CHEMICAL CO	RANDAD CITT	1 333
1.8	MOD006313993	BORDEN DECORATIVE DRODUCTS	ST LOUIS	1 304
10	MOD085002319	CHRYSIER CORD	FENTON	1 277
20	MOD003002313	MIDWEST DESEADCH INSTITUTE	KANGAG CITV	1 128
21	MOT300010261	G M WENTZVILLE CENTER	WENTZVILLE	1.004
22	MOD046737524	B F I WASTE SYSTEMS OF NORTH AMERICA INC COOK COMPOSITES AND POLYMERS CO BEAZER EAST INC SIGMA CHEMICAL CO BORDEN DECORATIVE PRODUCTS CHRYSLER CORP MIDWEST RESEARCH INSTITUTE G M WENTZVILLE CENTER NORTH AMERICAN GALVANIZING CO - KC SIGMA CHEMICAL CO	KANSAS CITY	963
23	MOD006273726	SIGMA CHEMICAL CO	ST LOUIS	942
24	MOD000624452	B F I WASTE SYSTEMS OF NORTH AMERICA INC	MISSOURI CITY	906
		FORD MOTOR CO	HAZELWOOD	846
		PRINTPACK INC	HAZELWOOD	769
		P D GEORGE CO	ST LOUIS	659
28	MO9890010524	U S DEPT OF ENERGY - KANSAS CITY PLANT	KANSAS CITY	657
29	MO8571924549	509 CES/CEV	WHITEMAN AFB	652
30	MOD980632954	E R D - MO INC	SCOTT CITY	603
31	MOD981505555	HERITAGE ENVIRONMENTAL SVCS	KANSAS CITY	570
32	MOD000818963	MCDONNELL DOUGLAS CORP TRACT 1	HAZELWOOD	559
33	MOR00000190	AARONS AUTOMOTIVE PRODUCTS	SPRINGFIELD	544
34	MOD052612850	PLASTENE SUPPLY CO	PORTAGEVILLE	514
35	MOD095479978	U S PAINT CORP	ST LOUIS	483
36	MO4213820489	DEPT OF ARMY (LCAAP)	INDEPENDENCE	469
37	MOD029729688	O S DEPT OF ENERGY - KANSAS CITY PLANT 509 CES/CEV E R D - MO INC HERITAGE ENVIRONMENTAL SVCS MCDONNELL DOUGLAS CORP TRACT 1 AARONS AUTOMOTIVE PRODUCTS PLASTENE SUPPLY CO U S PAINT CORP DEPT OF ARMY (LCAAP) HOLNAM INC/SAFETY KLEEN INC FRONT STREET REMEDIAL ACTION CORP	CLARKSVILLE	468
38	MOD000829705	FRONT STREET REMEDIAL ACTION CORP	KANSAS CITY	447
33	MOD034930070	3M CO	COLUMBIA	412
40	MOD000690198	REICHHOLD CHEMICALS INC RIVER CEMENT CO	VALLEY PARK FESTUS	404
41	MOD050232560	RIVER CEMENT CO	FESTUS	386
42	MOD043935048	TRANS WORLD AIRLINES INC	KANSAS CITY	344
43	MOD006308407	A B CHANCE CO ALLEN ST COMPLEX	CENTRALIA	340
44	MODUU7452154	RIVER CEMENT CO TRANS WORLD AIRLINES INC A B CHANCE CO ALLEN ST COMPLEX SYNTEX AGRIBUSINESS INC NORTH AMERICAN GALVENIZING CO AMERICAN CYANAMID CO I C I EXPLOSIVES USA INC ARMCO INC	VERUNA	340
45	MOD006284335	NORTH AMERICAN GALVENIZING CO	ST LOUIS	303
46	MOD077007000	AMERICAN CYANAMID CO	PALMIKA	298 281
4/	MOD007110000	ARMOO ING	UOPLIN	281 275
48	MOD0000000313	ALL AMEDICAN LIFE DIELMAN OLIVERE MO	NAMBAS CITY	275 270
ユシ	MOF00000213	ALL AMERICAN LIFE DIELMAN OLIVETTE MO ICI EXPLOSIVES ENVIRONMENTAL	OLIVETTE JOPLIN	270 253
50	10104/ כסגעטויו	TCT EVLUCTARS FINATKONMENTAT	OOPLIN	253

103,315

NOTE:

TOTAL

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY CHARACTERISTIC CODES	TONS OF WASTE GENERATED	WASTE HAS ONLY	TONS OF WASTE GENERATED	WASTE HAS BOTH CHARACTERISTIC AND LISTED CODES	TONS OF WASTE GENERATED
ONLY IGNITABLE ONLY CORROSIVE ONLY REACTIVE ONLY D004-17 ONLY D018-43	4,375 4,362 98 14,322 1,143	ONLY AN F CODE ONLY A K CODE ONLY A P CODE ONLY A U CODE	17,924 7,731 72 229		
HAS MORE THAN ONE CHARACTERISTIC CODE TOTAL	6,380 30,679	HAS MORE THAN ONE LISTED CODE TOTAL	181 26,136	BOTH CHARACTERISTIC & LISTED	58,703

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	4,371			IGN. W/ AT LEAST 1 LSTD	41,452
HAS CORROSIVE CODE	2,946			CORR. W/ AT LEAST 1 LSTD	2,039
HAS REACTIVE CODE	205			REACT. W/ AT LEAST 1 LSTD	3,335
HAS D004-D017 CODE	2,935			D004-17 W/ AT LEAST 1 LSTD	24,141
HAS D018-D043 CODE	2,863			D018-43 W/ AT LEAST 1 LSTD	18,733
		HAS AN F CODE	148	F WASTE W/ AT LEAST 1 CHAR	42,045
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	18,618
		HAS A P CODE	178	P WASTE W/ AT LEAST 1 CHAR	1,345
		HAS A U CODE	36	U WASTE W/ AT LEAST 1 CHAR	4,244
TOTAL	6,380	TOTAL	181	TOTAL	58,703

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 83

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 238,179 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	SITE NAME	CITY	TONS OF WASTE
		HOLNAM INC/SAFETY KLEEN INC		79,171
2	MOD054018288	CONTINENTAL CEMENT CO	HANNIBAL.	75,948
3	MOD981127319	LONE STAR INDUSTRIES INC	CAPE GIRARDEAH	39,870
4	MOD050232560	LONE STAR INDUSTRIES INC RIVER CEMENT CO	FESTUS	13,696
5	MOD030712822	EXIDE CORP SCHUYLKILL METALS DIV	FOREST CITY	12,746
	MOD056389828		KANSAS CITY	3,943
7	MOD057894321	3M CO	NEVADA	3,047
8	MOD981505555	HERITAGE ENVIRONMENTAL SVCS	KANSAS CITY	2,879
9	MOD029719200	DYNO NOBEL INC	CARTHAGE	1,695
10	MOD059200089	DOE RUN CO - BUICK SMELTER	BOSS	1,334
11	MOD980632954	E R D - MO INC	SCOTT CITY	1,127
12	MOD985798164	ICI EXPLOSIVES ENVIRONMENTAL	JOPLIN	1,060
13	MOD981123391	HAZ-MAT RESPONSE DISPOSAL INC	KANSAS CITY	635
14	MOD006287619	PRINTPACK INC	HAZELWOOD	488
15	MOD043935048	TRANS WORLD AIRLINES INC	KANSAS CITY	143
		M & W PACKAGING US INC		73
17	MO4213820489	DEPT OF ARMY (LCAAP)	INDEPENDENCE	72
18	MOD006269195	MARQUETTE TOOL & DIE CO	ST LOUIS	53
19	MODU50226075	AMERICAN CYANAMID CO	PALMYRA	48
		L H B INDUSTRIES	BERKELEY	30
		G W COMPOSITES INC	O FALLON	24
		PACKAGING CONCEPTS INC		24
		US ARMY ENGINEER CENTER & FLW		20
		MID STATES PAINT & CHEMICAL CO		18
		TRINITY CARUTHERSVILLE	CARUTHERSVILLE	14
26	MOR000012724	COMBUSTION ENGINEERING INC	HEMATITE	10
		LOXCREEN CO INC THE	HAYTI	7
	MOD985799303		ST LOUIS	3
		AGCO MFG GROUP	INDEPENDENCE	1
30	MOD981123854	LIBBY INTERNATIONAL INC	KANSAS CITY	1
тОтлт				

TOTAL

238,179

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.
STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.
FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	1,592	.7	4	13.3
SOLVENTS RECOVERY	M021-M029	3,899	1.6	15	50.0
OTHER RECOVERY	M031-M039	1,656	.7	2	6.7
INCINERATION	M041-M049	5,231	2.2	6	20.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	208,685	87.6	4	13.3
FUEL BLENDING	M061	4,469	1.9	3	10.0
STABILIZATION	M111-M119	6,387	2.7	4	13.3
LANDFILL	M132	6,259	2.6	2	6.7
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	2	.0	1	3.3
TOTAL		238,179	100.0	30	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	208,685	87.6	4	13.3
STABILIZATION	M111-M119	6,387	2.7	4	13.3
LANDFILL	M132	6,259	2.6	2	6.7
INCINERATION	M041-M049	5,231	2.2	6	20.0
FUEL BLENDING	M061	4,469	1.9	3	10.0
SOLVENTS RECOVERY	M021-M029	3,899	1.6	15	50.0
OTHER RECOVERY	M031-M039	1,656	.7	2	6.7
METALS RECOVERY (FOR REUSE)	M011-M019	1,592	.7	4	13.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	2	.0	1	3.3
TOTAL		238,179	100.0	30	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
GOLUZINEG DEGOLUDIV	14001 14000	2.000	1 6	1.5	
SOLVENTS RECOVERY	M021-M029	3,899	1.6	15	50.0
INCINERATION	M041-M049	5,231	2.2	6	20.0
METALS RECOVERY (FOR REUSE)	M011-M019	1,592	.7	4	13.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	208,685	87.6	4	13.3
STABILIZATION	M111-M119	6,387	2.7	4	13.3
FUEL BLENDING	M061	4,469	1.9	3	10.0
LANDFILL	M132	6,259	2.6	2	6.7
OTHER RECOVERY	M031-M039	1,656	.7	2	6.7
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	2	.0	1	3.3
TOTAL		238,179	100.0	30	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 355

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 112,592 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	F' 1 F".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		0
		EPA ID	SITE NAME	CITY KANSAS CITY KANSAS CITY MEXICO ST LOUIS NEW MADRID KANSAS CITY CLARKSVILLE NORTH KANSAS CITY CLAYCOMO MARYVILLE ELDON FOREST CITY NEVADA SPRINGFIELD PARKVILLE KINGSVILLE KINGSVILLE NORTH KANSAS CITY KANSAS CITY KANSAS CITY ST LOUIS ST LOUIS KANSAS CITY	QUANTITY SHIPPED (TONS)
			GS TECHNOLOGIES OPERATING CO INC	KANSAS CITY	14 117
			SOLVENT RECOVERY CORP	KANSAS CITY	8.716
			TEVA PHARMACEUTICALS USA	MEXICO	8 280
			MALLINCKRODT CHEMICAL INC	ST LOUIS	5,738
		MOD093750966	NORANDA ALUMINUM INC	NEW MADRID	5,660
		MOD981505555	HERITAGE ENVIRONMENTAL SVCS	KANSAS CITY	5,298
	7	MOD029729688	HERITAGE ENVIRONMENTAL SVCS HOLNAM INC/SAFETY KLEEN INC	CLARKSVILLE	4,504
	8	MOD980968739	WILCOX ELECTRIC INC	NORTH KANSAS CITY	3,133
	9	MOD007118078	FORD MOTOR CO	CLAYCOMO	2,933
	10	MOD985794619	NORTHWEST MISSOURI STATE UNIVERSITY	MARYVILLE	2,918
	11	MOR000012880	SOLA OPTICAL USA INC COBURN DUMP SITE	ELDON	2,846
	12	MOD030712822	EXIDE CORP SCHUYLKILL METALS DIV	FOREST CITY	2,638
		MOD057894321	3M CO	NEVADA	2,275
		MOD043937895	3M CO	SPRINGFIELD	2,174
			B F I WASTE SYSTEMS OF NORTH AMERICA INC	PARKVILLE	1,583
	16	MOD980962849	ESSEX WASTE MANAGEMENT SVCS	KINGSVILLE	1,501
	17	MOD086787371	COOK COMPOSITES AND POLYMERS CO BEAZER EAST INC SIGMA CHEMICAL CO BORDEN DECORATIVE PRODUCTS MIDWEST RESEARCH INSTITUTE CHRYSLER CORP SAFETY KLEEN CORP	NORTH KANSAS CITY	1,442
	18	MOD007146517	BEAZER EAST INC	KANSAS CITY	1,398
	19	MOD980962773	SIGMA CHEMICAL CO	ST LOUIS	1,333
	20	MOD006313993	BORDEN DECORATIVE PRODUCTS	ST LOUIS	1,304
	2.2 Z.T	MOD007173453	MIDWEST RESEARCH INSTITUTE	KANSAS CITY	1,128
	22	MOD000072564	CARREN KIRRA CODD	T EN I ON	1,047 1,038
	2.4	MOD9609/3564	CHRYSLER CORP SAFETY KLEEN CORP G M WENTZVILLE CENTER SIGMA CHEMICAL CO	WENTZVILLE	1,038
	24	MOD006272726	SIGMA CHEMICAL CO	ST LOUIS	942
			B F I WASTE SYSTEMS OF NORTH AMERICA INC		906
			E R D - MO INC	SCOTT CITY	879
				HAZELWOOD	846
	29	MOD095486312	FORD MOTOR CO SAFETY KLEEN CORP	ST CHARLES	716
	30	MOD0000669051	SAFETY KLEEN CORP 503001	CAPE GIRARDEAU	683
	31	MOD980971626	SAFETY KLEEN CORP	COLUMBIA	677
	32	MO9890010524	U S DEPT OF ENERGY - KANSAS CITY PLANT	KANSAS CITY	664
	33	MO8571924549	509 CES/CEV	WHITEMAN AFB	652
	34	MOD000669069	SAFETY KLEEN CORP	SPRINGFIELD	615
	35	MOT300011160	KIESEL CO THE/KIESEL MARINE	ST LOUIS	571
			P D GEORGE CO	ST LOUIS	569
	37	MOD000818963		HAZELWOOD	559
		MOD000829705		KANSAS CITY	447
		MOD054950670	3M CO	COLUMBIA	428
		MO4213820489	DEPT OF ARMY (LCAAP)	INDEPENDENCE	418
		MOD000690198	REICHHOLD CHEMICALS INC	VALLEY PARK	404
		MOD050232560	RIVER CEMENT CO	FESTUS	386
		MOD006308407		CENTRALIA	342
		MOD007452154	SYNTEX AGRIBUSINESS INC	VERONA	340
		MOD056389828	BAYER CORP	KANSAS CITY PORTAGEVILLE	325 311
					303
			AARONS AUTOMOTIVE PRODUCTS	ST LOUIS SPRINGFIELD	303
				HAZELWOOD	282
			I C I EXPLOSIVES USA INC	JOPLIN	281
	50	1.00011001303	I C I ENTHOSIVES USA INC	OOLDIN	201
7	TOTAL				05.054

97,854

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 20

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 223,939 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

	EPA ID	SITE NAME	CITY	QUANTITY RECEIVED (TONS)
1	MOD029729688	HOLNAM INC/SAFETY KLEEN INC	CLARKSVILLE	79,171
2	MOD054018288	CONTINENTAL CEMENT CO	HANNIBAL	75,918
3	MOD981127319	LONE STAR INDUSTRIES INC	CAPE GIRARDEAU	39,862
4	MOD050232560	RIVER CEMENT CO	FESTUS	13,696
5	MOD981505555	HERITAGE ENVIRONMENTAL SVCS	KANSAS CITY	4,279
6	MOD980962849	ESSEX WASTE MANAGEMENT SVCS	KINGSVILLE	2,265
7	MOD029719200	DYNO NOBEL INC	CARTHAGE	1,656
8	MOD059200089	DOE RUN CO - BUICK SMELTER	BOSS	1,309
9	MOD985798164	ICI EXPLOSIVES ENVIRONMENTAL	JOPLIN	1,060
10	MOD980632954	E R D - MO INC	SCOTT CITY	973
11	MOD980973564	SAFETY KLEEN CORP	INDEPENDENCE	919
12	MOD095486312	SAFETY KLEEN CORP	ST CHARLES	600
13	MOD980971626	SAFETY KLEEN CORP	COLUMBIA	533
14	MOD000669069	SAFETY KLEEN CORP	SPRINGFIELD	480
15	MOD000669051	SAFETY KLEEN CORP 503001	CAPE GIRARDEAU	421
16	MOD981123391	HAZ-MAT RESPONSE DISPOSAL INC	KANSAS CITY	394
17	MOD030712822	EXIDE CORP SCHUYLKILL METALS DIV		237
18	MOD000818963	MCDONNELL DOUGLAS CORP TRACT 1	HAZELWOOD	144
19	MOD056389828	BAYER CORP	KANSAS CITY	20
20	MOD006326904	RESOURCE RECOVERY CENTER - UMC	COLUMBIA	2
TOTAL				

223,939

NOTE:

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	OUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	1,548	.7	3	25.0
SOLVENTS RECOVERY	M021-M029	49	.0	1	8.3
OTHER RECOVERY	M031-M039	1,656	.8	2	16.7
INCINERATION	M041-M049	1,149	.5	3	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	208,647	96.2	4	33.3
FUEL BLENDING	M061	3,711	1.7	3	25.0
STABILIZATION	M111-M119	47	.0	1	8.3
LANDFILL	M132	4	.0	1	8.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	2	.0	1	8.3
TOTAL		216,812	100.0	12	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	208,647	96.2	4	33.3
FUEL BLENDING	M061	3,711	1.7	3	25.0
OTHER RECOVERY	M031-M039	1,656	.8	2	16.7
METALS RECOVERY (FOR REUSE)	M011-M019	1,548	.7	3	25.0
INCINERATION	M041-M049	1,149	.5	3	25.0
SOLVENTS RECOVERY	M021-M029	49	.0	1	8.3
STABILIZATION	M111-M119	47	.0	1	8.3
LANDFILL	M132	4	.0	1	8.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	2	.0	1	8.3
TOTAL		216,812	100.0	12	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	208,647	96.2	4	33.3
FUEL BLENDING	M061	3,711	1.7	3	25.0
METALS RECOVERY (FOR REUSE)	M011-M019	1,548	.7	3	25.0
INCINERATION	M041-M049	1,149	.5	3	25.0
OTHER RECOVERY	M031-M039	1,656	.8	2	16.7
LANDFILL	M132	4	.0	1	8.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	2	.0	1	8.3
SOLVENTS RECOVERY	M021-M029	49	.0	1	8.3
STABILIZATION	M111-M119	47	.0	1	8.3
TOTAL		216,812	100.0	12	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 195,274 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 81,793 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 47

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 12,266 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	C EPA ID	SITE NAME	CITY	TOTAL GENERATED (TONS)
	 мтр057561763	SITE NAME COLUMBIA FALLS ALUMINUM CO ASARCO INC EAST HELENA CONOCO REFINERY BILLINGS TRANSBAS INC CENEX INC LAUREL REFINERY MONTANA POLE WATER TREATMENT PLANT EXXON BILLINGS REFINERY MONTANA RADIATOR WORKS	COLUMBIA FALLS	4,559
-	MTD037301703	ASARCO INC FAST HELENA	FAST HELENA	1,836
-	MTD000230340	CONOCO PERINEDY DILLINGS	DITTING	1,633
_	MTD000223403	TDANCDAC INC	DILLINGS	1,033
-	Muldo/2/11130	CENEY INC INIDEI DEFINEDY	TAIDET	835
-	MTD000236063	MONTANA DOLE WATER TREATMENT DIANT	RITTE	784
-	7 MTD000073303	FYVON DILLINGS DEFINEDV	DITTING	538
,	MLD010200214	CENEX INC LAUREL REFINERY MONTANA POLE WATER TREATMENT PLANT EXXON BILLINGS REFINERY MONTANA RADIATOR WORKS ADVANCED SILICON MATERIALS INC SEMITOOL INC RESERVE DR RIBI IMMUNOCHEM RESEARCH INC MONTANA REFINING CO LIVINGSTON REBUILD CENTER INC JOHN DOYLE PROPERTY MSU BOZEMAN MALMSTROM AIR FORCE BASE MAFB KOCH HYDROCARBON EAGLEPRTCHARD	DILLINGS	464
	MTD000000000000000000000000000000000000	ADVANCED CILICON MATERIALC INC	DITTINGS	162
1.0	MIK000004/34	GENTHOOL ING DECERVE DR	POILE	64
11	MID902040099	SEMITOOL INC RESERVE DR	NALLSPELL LAMIT TON	52
1.1	MTTD0000075104	MONTANA DEFINING CO	CDEAT FALLS	45
1 2	MID0004/3194	MONIANA REFINING CO	GREAT FALLS	40
1.7	MID902040233	TOTAL DOVIE DECEMBER INC	MICCOLL A	19
15	MIRUUUUU4/02	MOIL DOZEMAN	MISSOULA	15
1.6	MIDU05509U46	MISO BOZEMAN MAIMCTROM AID FORCE DACE MAED	MAINCTROM AER	10
15	7 MTR000004895	KOCH HYDROCARBON EAGLEPRTCHARD	SIDNEY	8
				8 7
		BIG SKY COAL CO	BUTTE COLSTRIP	7
13	MIDU63/28984	BIG SKY COAL CO	COLSTRIP	6
21	MTD093301836	WESTERN ENERGY CO ROSEBUD MINE	CULSTRIP	6
2.1	MIROUUUU3007	BIG SKY COAL CO WESTERN ENERGY CO ROSEBUD MINE GM PETROLEUMS HEIGHTS CONOCO FACILITY MSE ENVIRONMENTAL INC MILES CITY MT DOT KALISPELL HUTTON PIT MSE ENVIRONMENTAL INC SIDNEY ALL PURPOSE SERVICES A & S TRIBAL INDUSTRIES INC MT DOT MISSOULA LOUISIANA PACIFIC CORP MISSOULA	MILEC CIEV	6
22	MIRUUUUU4291	ME DOE KALICHELI HIMMON DIE	MILES CIII	
23	MIUUUUU502959	MI DOI KALISPELL HUITON PII	KALISPELL	6
24	MTRUUUUU431/	MSE ENVIRONMENTAL INC SIDNEY	SIDNEY	5
25	MTRUUUUU21/U	ALL PURPOSE SERVICES	MISSOULA DODIAD	5
25	MID0/1401300	A & S IKIDAL INDUSTRIES INC	MICCOLLA	5 5
2.0	MID902302300	MI DOI MISSOULA	MICCOLLA	5
20	MID30000/1/0	LOUISIANA PACIFIC CORP MISSOULA	MILEC CIEV	4
25	MT0000992982	ALLWASIE CONTAINER SERVICES EDGEWOOD	MILES CIII	
31	MTR0000710236	MONTANA POWER CO COLSTRIP UNITS I & Z	WOLE DOINT	4 4
	MTD980667166	MDE PRAINCHMENTAL INC. MOUL POINT	WOLF POINT	
	MTR00000349	IRINIII RAIL SERVICES INC #342	MILES CIII	3 3
		USDA FS LAKE KUUCANUSA BRIDGE	MILEC CIEV	3
	MTR000005082 MTD986069649	WASHINGSION MIDDLE SCHOOL	MILES CITY	ა ი
	MTR000003749	MI DOI GREAI FALLS IOIH AVE NE	DITTINGS	3 2
	MTD006232276	MSE ENVIRONMENTAL INC WOLF POINT TRINITY RAIL SERVICES INC #342 USDA FS LAKE KOOCANUSA BRIDGE WASHINGSTON MIDDLE SCHOOL MT DOT GREAT FALLS 18TH AVE NE BUILDING SPECIALTIES IDAHO POLE CO U OF M MISSOULA	DOZEMAN	2
	MTD000232270	I OF M MICCOII A	MTCCOIII A	2
	MTR000004622	CONOCO MYOLA MI DOCT 65	MISSOULA WYOLA	2
	MTD986069847	U OF M MISSOULA CONOCO WYOLA MI POST 65 MT DOT MILES CITY	MILES CITY	2
	MTD980330609	MONTANA POWER CO COLSTRIP UNITS 3 & 4	COI CADID	2
	MTD986069508	GRANITE TIMBER INC	PHILIPSBURG	2
			BUTTE	1
4.3	1 Wald DUUUU 200 %	MSE TECHNOLOGY APPLICATION INC	HELENA	1
44	MTD11072020	CAIRD ENGINEERING MONTANA TECH DAWSON COUNTY HIGH SCHOOL	BUTTE	0
45	MTP000003702	NONTANA IECH DAWSON COUNTY HICH SCHOOL	GLENDIVE	0
40	, 1.11KOOOOO3/96	DAMBON COUNTY HIGH BCHOOL	CHEMDIAE	U
TOTAL	ب			10.055

12,266

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	9	ONLY AN F CODE	975		
ONLY CORROSIVE	5	ONLY A K CODE	5,133		
ONLY REACTIVE	12	ONLY A P CODE	0		
ONLY D004-17	2,402	ONLY A U CODE	1		
ONLY D018-43	19				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	163	LISTED CODE	1,852		
TOTAL	2,610	TOTAL	7,961	BOTH CHARACTERISTIC & LISTED	1,695

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	40			IGN. W/ AT LEAST 1 LSTD	572
HAS CORROSIVE CODE	23			CORR. W/ AT LEAST 1 LSTD	6
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	131			D004-17 W/ AT LEAST 1 LSTD	1,110
HAS D018-D043 CODE	142			D018-43 W/ AT LEAST 1 LSTD	400
		HAS AN F CODE	1,852	F WASTE W/ AT LEAST 1 CHAR	560
		HAS A K CODE	1,852	K WASTE W/ AT LEAST 1 CHAR	43
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	15
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	1,092
TOTAL	163	TOTAL	1,852	TOTAL	1,695

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 8

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 987 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

TONS OF WASTE
RANK EPA ID SITE NAME CITY MANAGED

1 MTD010380574 EXXON BILLINGS REFINERY BILLINGS
2 MTD065560393 MONTANA RADIATOR WORKS BILLINGS
464

TOTAL

987

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION LAND TREATMENT / APPLICATION / FARMING	M111-M119 M131	464 523	47.0 53.0	1 1	50.0 50.0
TOTAL		987	100.0	2	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LAND TREATMENT / APPLICATION / FARMING STABILIZATION	M131 M111-M119	523 464	53.0 47.0	1 1	50.0 50.0
TOTAL		987	100.0	2	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LAND TREATMENT / APPLICATION / FARMING	M131	523	53.0	1	50.0
STABILIZATION	M111-M119	464	47.0	1	50.0
TOTAL		987	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

QUANTITY

MONTANA

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 46

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 8,924 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	COLUMBIA FALLS ALUMINUM CO ASARCO INC EAST HELENA TRANSBAS INC CENEX INC LAUREL REFINERY MONTANA POLE WATER TREATMENT PLANT CONOCO REFINERY BILLINGS ADVANCED SILICON MATERIALS INC SEMITOOL INC RESERVE DR RIBI IMMUNOCHEM RESEARCH INC LIVINGSTON REBUILD CENTER INC EXXON BILLINGS REFINERY JOHN DOYLE PROPERTY MSU BOZEMAN MONTANA REFINING CO MALMSTROM AIR FORCE BASE MAFB KOCH HYDROCARBON EAGLEPRTCHARD MT DOT BUTTE BIG SKY COAL CO GM PETROLEUMS HEIGHTS CONOCO FACILITY MSE ENVIRONMENTAL INC MILES CITY MT DOT KALISPELL HUTTON PIT ALLWASTE CONTAINER SERVICES EDGEWOOD MSE ENVIRONMENTAL INC SIDNEY ALL PURPOSE SERVICES A & S TRIBAL INDUSTRIES INC MT DOT MISSOULA LOUISIANA PACIFIC CORP MISSOULA GRANITE TIMBER INC MONTANA POWER CO COLSTRIP UNITS 1 & 2 MSE ENVIRONMENTAL INC WOLF POINT TRINITY RAIL SERVICES INC #342 USDA FS LAKE KOOCANUSA BRIDGE WASHINGSTON MIDDLE SCHOOL MT DOT GREAT FALLS 18TH AVE NE BUILDING SPECIALTIES IDAHO POLE CO U OF M MISSOULA CONOCO WYOLA MI POST 65 MT DOT MISSOULA MSE TECHNOLOGY APPLICATION INC WESTERN ENERGY CO ROSEBUD MINE CATED ENGINEERING BOZEMAN SOLVENT SITE DAMSON COUNTY HIGH SCHOOL MONTANA TECH	CITY	SHIPPED (TONS)
	EPA ID			
1	MTD057561763	COLUMBIA FALLS ALUMINUM CO	COLUMBIA FALLS	3,585
2	MTD006230346	ASARCO INC EAST HELENA	EAST HELENA	1,836
3	MTD079711198	TRANSBAS INC	BILLINGS	1,099
4	MTD006238083	CENEX INC LAUREL REFINERY	LAUREL	835
5	MTD986073583	MONTANA POLE WATER TREATMENT PLANT	BUTTE	784
6	MTD006229405	CONOCO REFINERY BILLINGS	BILLINGS	272
7	MTR000004754	ADVANCED SILICON MATERIALS INC	BUTTE	162
8	MTD982648099	SEMITOOL INC RESERVE DR	KALISPELL	64
9	MTD035237940	RIBI IMMUNOCHEM RESEARCH INC	HAMILTON	53
10	MTD982648255	LIVINGSTON REBUILD CENTER INC	LIVINGSTON	40
11	MTD010380574	EXXON BILLINGS REFINERY	BILLINGS	28
12	MTR000004762	JOHN DOYLE PROPERTY	MISSOULA	19
13	MTD065569048	MSU BOZEMAN	BOZEMAN	15
14	MTD000475194	MONTANA REFINING CO	GREAT FALLS	14
15	MT8571924556	MALMSTROM AIR FORCE BASE MAFB	MALMSTROM AFB	8
16	MTR000004895	KOCH HYDROCARBON EAGLEPRTCHARD	SIDNEY	8
17	MTD986073765	MT DOT BUTTE	BUTTE	7
18	MTD063728984	BIG SKY COAL CO	COLSTRIP	7
19	MTR000003087	GM PETROLEUMS HEIGHTS CONOCO FACILITY	BILLINGS	6
20	MTR000004291	MSE ENVIRONMENTAL INC MILES CITY	MILES CITY	6
21	MT0000562959	MT DOT KALISPELL HUTTON PIT	KALISPELL	6
22	MT0000992982	ALLWASTE CONTAINER SERVICES EDGEWOOD	MILES CITY	6
23	MTR000004317	MSE ENVIRONMENTAL INC SIDNEY	SIDNEY	5
24	MTR000002170	ALL PURPOSE SERVICES	MISSOULA	5
25	MTD071401368	A & S TRIBAL INDUSTRIES INC	POPLAR	5
26	MTD982582306	MT DOT MISSOULA	MISSOULA	5
27	MID98080/1/6	CONTROL WINDER INC	MISSOULA	5
28	MTD986069508	GRANITE TIMBER INC	PHILIPSBURG	4
29	MTD000/10236	MONTANA POWER CO COLSTRIP UNITS 1 & 2	COLSTRIP	4
30	MTR000004309	MSE ENVIRONMENTAL INC. WOLF POINT	WOLF POINT	4
3.7	MID30000/100	IRINIII RAIL SERVICES INC #342	MILES CIII	3
32	MIRUUUUUUU349	USDA FS LAKE KOUCANUSA BRIDGE	LIBBI	3
2.4	MIR000005062	WE DOW CDEAR BALLS 19RH AVE NE	MILES CIII	3
34	MID900009049	MI DOI GREAT FALLS TOTA AVE NE	GREAL FALLS	3
35	MTD000003749	POILDING SPECIALITES	BILLINGS	2
37	MTD000232270	I OF M MICCOIII A	MTCCOIII A	2
30	MTD010379709	CONOCO WYOLA MI DOCT 65	WVOI A	2
30	MTD986069847	MT DOT MILES CITY	MILES CITY	2
40	MTD980330609	MONTANA DOWER CO COLOTRED UNITE 3 & 4	COLGTRID	2
41	MT2890090036	MSE TECHNOLOGY APPLICATION INC	RITTE	1
42	MTD093301836	WESTERN ENERGY CO ROSEBID MINE	COLSTRIP	1
43	MTR000003806	MSE TECHNOLOGY APPLICATION INC WESTERN ENERGY CO ROSEBUD MINE CAIRD ENGINEERING BOZEMAN SOLVENT SITE DAWSON COUNTY HIGH SCHOOL MONTANA TECH	HELENA	1
44	MTR000001115	BOZEMAN SOLVENT SITE	BOZEMAN	1
45	MTR000003798	DAWSON COUNTY HIGH SCHOOL	GLENDIVE	0
46	MTD119730208	MONTANA TECH	BUTTE	0
TOTAL				
				0 004

8,924

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

TABLES 15, 16, 17, 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN MONTANA THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE IN 1997.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 8,924 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS):

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 150 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

DAME	EPA ID	SITE NAME	CITY	TOTAL GENERATED (TONS)
KANK	EPA ID	SIIE NAME	CIII	(10N5)
1	NND104150024	PEABODY WESTERN COAL CO	KAYENTA	139
2	NN0000473454	WINGATE HIGH SCHOOL	FT WINGATE	5
3	NNR000000356	USBIA BRANCH OF ROADS MAINT SECTION	TUBA CITY	2
4	NN2140909100	USBIA BRANCH OF ROADS - CHEU	FARMINGTON	2
5	NNP601252809	NAVAJO NATION FACILITIES MAINTENANCE	TUBA CITY	1
6	NNP000034025	USDOI USBIA CHINLE BOARDING SCHOOL	MANY FARMS	0

150

TOTAL

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	0	ONLY AN F CODE	0		
ONLY CORROSIVE	5	ONLY A K CODE	0		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	0	ONLY A U CODE	0		
ONLY D018-43	15				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	76	LISTED CODE	0		
TOTAL	95	TOTAL	0	BOTH CHARACTERISTIC & LISTED	54

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	1			IGN. W/ AT LEAST 1 LSTD	3
HAS CORROSIVE CODE	0			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	76			D004-17 W/ AT LEAST 1 LSTD	1
HAS D018-D043 CODE	75			D018-43 W/ AT LEAST 1 LSTD	51
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	53
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	1
TOTAL	76	TOTAL	0	TOTAL	54

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

TABLES 6, 7, 8, 9, 10 AND 11 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN THE NAVAJO NATION THAT REPORTED MANAGING RCRA HAZARDOUS WASTE IN 1997.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 6

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 160 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

				QUANTITY
RAI	NK EPA ID	SITE NAME	CITY	SHIPPED (TONS)
	1 NND104150024	PEABODY WESTERN COAL CO	KAYENTA	150
	2 NN0000473454	WINGATE HIGH SCHOOL	FT WINGATE	5
	3 NNR000000356	USBIA BRANCH OF ROADS MAINT SECTION	TUBA CITY	2
	4 NN2140909100	USBIA BRANCH OF ROADS - CHEU	FARMINGTON	2
	5 NNP601252809	NAVAJO NATION FACILITIES MAINTENANCE	TUBA CITY	1
	6 NNP000034025	USDOI USBIA CHINLE BOARDING SCHOOL	MANY FARMS	0
TOT	AL			

160

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

TABLES 15, 16, 17, 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN THE NAVAJO NATION THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE IN 1997.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 160 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 68

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 23,491 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	SITE NAME	CITY	TOTAL GENERATED (TONS)
1 NFD087069050	NUCOR STEEL DIV AMERICAN MICROTRACE CORP	 NORFOLK	9,109
2 NED007003050	AMERICAN MICROTRACE CORD	FAIRBURY	4,895
3 NED981723513	CLEAN HARBORS ENVIRONMENTAL SVC INC		4,180
4 NED007259054	LUCENT TECHNOLOGIES INC	OMAHA	1,824
5 NED007233034	IOTIFP COPD NORTH DIANT	OMAHA	330
6 NED980971733	DUNCAN AVIATION	LINCOLN	320
7 NED000610709	LOZIER CORP WEST PLANT	OMAHA	285
8 NED007263619	TENNECO AUTOMOTIVE MONROE	COZAD	236
9 NED007281728	LINCOLN PLATING CO	LINCOLN	219
10 NED007265077	AMERICAN METER CO	NEBRASKA CITY	199
11 NED007285257	MAGNUS/FARLEY INC	FREMONT	193
12 NED068652981	KAWASAKI MOTORS MFG	LINCOLN	184
13 NED007266331	GOODYEAR TIRE & RUBBER CO	LINCOLN	114
14 NED986387520	HUNT CLEANERS INC	COZAD	96
15 NED986387850	FLEXCON COLUMBUS	COLUMBUS	78
16 NE0000362525	PFIZER CUSTOMER RETURN CENTER	LINCOLN	72
17 NED007272701	DEETER FOUNDRY INC	LINCOLN	67
18 NED007267214	CLEAN HARBORS ENVIRONMENTAL SVC INC LUCENT TECHNOLOGIES INC LOZIER CORP NORTH PLANT DUNCAN AVIATION LOZIER CORP WEST PLANT TENNECO AUTOMOTIVE MONROE LINCOLN PLATING CO AMERICAN METER CO MAGNUS/FARLEY INC KAWASAKI MOTORS MFG GOODYEAR TIRE & RUBBER CO HUNT CLEANERS INC FLEXCON COLUMBUS PFIZER CUSTOMER RETURN CENTER DEETER FOUNDRY INC VALMONT INDUSTRIES INC EATON CORP	VALLEY	65
19 NED065133167	EATON CORP	KEARNEY	54
20 NED080219868	HYDRAULIC COMPONENTS IND SQUARE D CO PFIZER ANIMAL HEALTH	LINCOLN VALLEY KEARNEY HARTINGTON LINCOLN	51
21 NED072902513	SQUARE D CO	LINCOLN	48
22 NED007274699	PFIZER ANIMAL HEALTH	LINCOLN	48
23 NED007262579	AMERICAN TOOL CO INC - DEWITT OPERATIONS		46
	INTEGRATED RAIL PRODUCTS	OMAHA	46
	DANA CORP PERFECT CIRCLE SEALED POWER DI		45
26 NED007258213		OMAHA	44
	TECHNICAL PRODUCTS GROUP INC MAIN PLANT	LINCOLN	44
	OFFUTT AIR FORCE BASE BEHLEN MANUFACTURING CO VICKERS INC	OFFUTT AFB	43
	BEHLEN MANUFACTURING CO	COLUMBUS	37
30 NED007286198	VICKERS INC	OMAHA FREMONT	37 35
32 NED000019070	PLATTE CHEMICAL CO WEST PLANT NATIONAL CRANE CORP	MANDELA	32
32 NED005100270	FOUR SEASONS DAINT MEG CO	I.TNCOLN	28
34 NED0010001490	FOUR SEASONS PAINT MFG CO ROBERT D BOOKER USARTC BECTON DICKINSON	OMAHA	27
35 NED007263197	RECTON DICKINSON	COLUMBIIS	25
36 NED986375327	VAN WATERS & ROGERS INC UNIVAR	OMAHA	23
37 NED000822817	BECTON DICKINSON VAN WATERS & ROGERS INC UNIVAR DALE ELECTRONICS - PLANT #2 BAYER CORP STORE KRAFT MFG CO THERMO KING CORP	WAVERLY LINCOLN OMAHA COLUMBUS OMAHA COLUMBUS	21
38 NE0000004598	BAYER CORP	OMAHA	20
39 NED007259518	STORE KRAFT MFG CO	BEATRICE	20
40 NET320010077	THERMO KING CORP	HASTINGS	19
41 NED000766808	UNIVERSITY OF NE CITY CAMPUS	LINCOLN	18
42 NED980973580	SUNDSTRAND AEROSPACE	YORK	18
43 NED047047543	BECTON DICKINSON CO	HOLDREGE	18
44 NED000819060	PLATTE CHEMICAL CO EAST PLANT	FREMONT	17
45 NED035036201	NEW HOLLAND N AMERICA INC	GRAND ISLAND	16
46 NED005070065	DALE ELECTRONICS - PLANT #2 BAYER CORP STORE KRAFT MFG CO THERMO KING CORP UNIVERSITY OF NE CITY CAMPUS SUNDSTRAND AEROSPACE BECTON DICKINSON CO PLATTE CHEMICAL CO EAST PLANT NEW HOLLAND N AMERICA INC NOVARTIS CONSUMER HEALTH INC LEON PLASTICS INC UNIVERSITY OF NE EAST CAMPUS	LINCOLN	14
47 NED047038187	LEON PLASIICS INC	ALDA	12
48 NED000766816	UNIVERSITY OF NE EAST CAMPUS UNIVERSITY OF NEBRASKA MEDICAL CENTER PROGRESS RAIL SERVICES CORP	LINCOLN	12
49 NED000809475	UNIVERSITY OF NEBRASKA MEDICAL CENTER	OMAHA	11
50 NER000001453	PROGRESS RAIL SERVICES CORP	SIDNEY	11
TOTAL			00.405

23,406

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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
CODES	GENERALED	LISIED CODES	GENERALED	AND LISTED CODES	GENERALED
ONLY IGNITABLE	90	ONLY AN F CODE	1,011		
ONLY CORROSIVE	73	ONLY A K CODE	9,109		
ONLY REACTIVE	0	ONLY A P CODE	19		
ONLY D004-17	6,976	ONLY A U CODE	56		
ONLY D018-43	. 8				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	174	LISTED CODE	0		
TOTAL	7.323	TOTAL	10.196	BOTH CHARACTERISTIC & LISTED	5.967

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	62			IGN. W/ AT LEAST 1 LSTD	2,814
HAS CORROSIVE CODE	93			CORR. W/ AT LEAST 1 LSTD	1,457
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	1,455
HAS D004-D017 CODE	154			D004-17 W/ AT LEAST 1 LSTD	4,673
HAS D018-D043 CODE	76			D018-43 W/ AT LEAST 1 LSTD	3,300
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	5,935
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	2,768
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	2,769
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	2,824
TOTAL	174	TOTAL	0	TOTAL	5,967

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 11

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 41,231 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

TITI MINORDI NOMI MINIMODO MINIMODININI TIMOTETITENI INTERNITANI						
			TONS OF WASTE			
RANK EPA ID	SITE NAME	CITY	MANAGED			
1 NED981723513	CLEAN HARBORS ENVIRONMENTAL SVC INC	KIMBALL	40,866			
2 NED000610550	AMERICAN MICROTRACE CORP	FAIRBURY	316			
3 NED043534635	TECHNICAL PRODUCTS GROUP INC MAIN PLANT	LINCOLN	34			
4 NED007263197	BECTON DICKINSON	COLUMBUS	15			

TOTAL

41,231

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE. FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	316	.8	1	25.0
SOLVENTS RECOVERY	M021-M029	48	.1	2	50.0
INCINERATION	M041-M049	39,454	95.7	1	25.0
STABILIZATION	M111-M119	1,412	3.4	1	25.0
TOTAL		41,231	100.0	4	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	39,454	95.7	1	25.0
STABILIZATION	M111-M119	1,412	3.4	1	25.0
METALS RECOVERY (FOR REUSE)	M011-M019	316	.8	1	25.0
SOLVENTS RECOVERY	M021-M029	48	.1	2	50.0
TOTAL		41,231	100.0	4	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	48	.1	2	50.0
METALS RECOVERY (FOR REUSE)	M011-M019	316	.8	1	25.0
INCINERATION	M041-M049	39,454	95.7	1	25.0
STABILIZATION	M111-M119	1,412	3.4	1	25.0
TOTAL		41,231	100.0	4	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 68

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 15,525 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

4 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997						
		EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)	
				FAIRBURY	4,895	
	2	NED007259054	AMERICAN MICROTRACE CORP LUCENT TECHNOLOGIES INC NUCOR STEEL DIV	OMAHA	1,824	
	3	NED087069050	NUCOR STEEL DIV	NORFOLK	1,789	
			CLEAN HARBORS ENVIRONMENTAL SVC INC	KIMBALL	1,287	
			SAFETY KLEEN CORP	OMAHA	1,005	
	6	NED053316535	SAFETY KLEEN CORP	GRAND ISLAND	886	
	7	NED000687178	SAFETY KLEEN CORP SAFETY KLEEN CORP - GERING	GERING	404	
	8	NED000610691	LOZIER CORP NORTH PLANT	OMAHA	330	
	9	NED980971733	SAFETY KLEEN CORP - GERING LOZIER CORP NORTH PLANT DUNCAN AVIATION LOZIER CORP WEST PLANT TENNECO AUTOMOTIVE MONROE LINCOLN PLATING CO AMERICAN METER CO MAGNUS/FARLEY INC KAWASAKI MOTORS MFG GOODYEAR TIRE & RUBBER CO HUNT CLEANERS INC PFIZER CUSTOMER RETURN CENTER	LINCOLN	320	
	10	NED000610709	LOZIER CORP WEST PLANT	OMAHA	285	
	11	NED007263619	TENNECO AUTOMOTIVE MONROE	COZAD	236	
	12	NED007281728	LINCOLN PLATING CO	LINCOLN	219	
	13	NED007265077	AMERICAN METER CO	NEBRASKA CITY	199	
	14	NED007285257	MAGNUS/FARLEY INC	FREMONT	193	
	15	NED068652981	KAWASAKI MOTORS MFG	LINCOLN	184	
	16	NED007266331	GOODYEAR TIRE & RUBBER CO	LINCOLN	114	
	17	NED986387520	HUNT CLEANERS INC	COZAD	96	
				LINCOLN	72	
	1 9	MFD986387850	FI.FYCON COLUMBIIS	COLUMBUS	69	
	20	NED007267214	VALMONT INDUSTRIES INC	VALLEY	65	
	21	NED065133167	VALMONT INDUSTRIES INC EATON CORP DEETER FOUNDRY INC	KEARNEY	54	
	22	NED007272701	DEETER FOUNDRY INC	LINCOLN	51	
	23	NED080219868	HYDRAULIC COMPONENTS IND SQUARE D CO PFIZER ANIMAL HEALTH	HARTINGTON	50	
	24	NED072902513	SQUARE D CO	LINCOLN	49	
	25	NEDUU/2/4699	PFIZER ANIMAL HEALTH	LINCOLN	48 46	
		NED007262579 NED981117153	AMERICAN TOOL CO INC - DEWITT OPERATIONS INTEGRATED RAIL PRODUCTS	OMAHA	46	
				OMAHA	44	
		NE8571924648	MALNOVE INC OFFUTT AIR FORCE BASE VICKERS INC	OFFUTT AFB	43	
		NED007286198	VICKEDS INC	OMAHA	37	
		NED091998567	DANA CORP PERFECT CIRCLE SEALED POWER DI		36	
		NED000819078	PLATTE CHEMICAL CO WEST PLANT	FREMONT	35	
		NED065106270	NATIONAL CRANE CORP	WAVERLY	32	
		NE0000316646	MOLEX INC UPLAND PLANT	LINCOLN	29	
		NED007268790	BEHLEN MANUFACTURING CO	COLUMBUS	28	
		NED091995159	PLATTE CHEMICAL CO WEST PLANT NATIONAL CRANE CORP MOLEX INC UPLAND PLANT BEHLEN MANUFACTURING CO FOUR SEASONS PAINT MFG CO ROBERT D BOOKER USARTC	LINCOLN	28	
	37	NEP000000490	FOUR SEASONS PAINT MFG CO ROBERT D BOOKER USARTC NEBRASKA DEPT OF ROADS	OMAHA	27	
	38	NET320010259	NEBRASKA DEPT OF ROADS	LINCOLN	26	
	39	NED986375327	VAN WATERS & ROGERS INC UNIVAR	OMAHA	23	
	40	NED007259518	STORE KRAFT MFG CO	BEATRICE COLUMBUS	21	
	41	NED000822817	DALE ELECTRONICS - PLANT #2	COLUMBUS	21	
		NE0000004598	BAYER CORP	OMAHA	20	
		NET320010077		HASTINGS	19	
		NED000766808	UNIVERSITY OF NE CITY CAMPUS	LINCOLN	18	
		NED980973580	SUNDSTRAND AEROSPACE	YORK	18	
			BECTON DICKINSON CO	HOLDREGE	18	
			TECHNICAL PRODUCTS GROUP INC MAIN PLANT		17	
			PLATTE CHEMICAL CO EAST PLANT	FREMONT	17	
				GRAND ISLAND	16	
	50	MED0020 \0002	NOVARTIS CONSUMER HEALTH INC	LINCOLN	14	
7	TOTAL				15 400	

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS. NOTE:

Changes to the 1997 Biennial Reporting requirements will make cursory comparisons of the 1997 National Biennial Report to earlier National Biennial Reports misleading. Refer to the Executive Summary (ES-2) for a complete explanation.

15,402

NEBRASKA

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 6

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 40,203 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	NED981723513	CLEAN HARBORS ENVIRONMENTAL SVC INC	KIMBALL	37,973
2	NED981495724	SAFETY KLEEN CORP	OMAHA	951
3	NED053316535	SAFETY KLEEN CORP	GRAND ISLAND	640
4	NED000610550	AMERICAN MICROTRACE CORP	FAIRBURY	316
5	NED000687178	SAFETY KLEEN CORP - GERING	GERING	315
6	NED043534635	TECHNICAL PRODUCTS GROUP INC MAIN PLANT	LINCOLN	7

40,203

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

NEBRASKA

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE) SOLVENTS RECOVERY INCINERATION	M011-M019 M021-M029 M041-M049	316 6 37,973	.8 .0 99.2	1 1 1	33.3 33.3 33.3
TOTAL		38,295	100.0	3	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	37,973	99.2	1	33.3
METALS RECOVERY (FOR REUSE)	M011-M019	316	. 8	1	33.3
SOLVENTS RECOVERY	M021-M029	6	.0	1	33.3
TOTAL		38,295	100.0	3	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	316	.8	1	33.3
SOLVENTS RECOVERY	M021-M029	6	. 0	1	33.3
INCINERATION	M041-M049	37,973	99.2	1	33.3
TOTAL		38,295	100.0	3	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

NEBRASKA

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 38,261 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 15,283 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 90

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 12,518 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

DAME	בים דם	HAZARDOUS WASTE GENERATORS IN THE STATE, SITE NAME	CITY	TOTAL GENERATED (TONS)
		21ST CENTURY EMI R.R. DONNELLEY & SONS CO BLM FORMER MONITE EXP. FACTORY BECHTEL NV FOR USDOE NTS USDOI BUREAU OF LAND MANAGEMENT HAWTHORNE ARMY DEPOT CHEMEX LABS INC. NEWMONT GOLD QUARRY MINE BARRICK GOLDSTRIKE MINES INC. SHERWIN WILLIAMS LAIDLAW ENV SVCS OF CA INC. AMERICAN ASSAY LABORATORIES, INC. SAINT MARYS REGIONAL MEDICAL CENTER BARRINGER LABORATORIES INC. LONE TREE MINE		3,570
2	MVD900093330	D D DONNETTEV C CONC CO	DENO.	2,700
3	MADUUUUUSOO	DIM PODMED MONITE EVD FACTORY	CDADKG	2,369
1	M728000002330	DECUTE MY FOR HERDE MTC	MEDCIEV	656
	M721/11100021	IICHOT DIDENII OF TAND MANACEMENT	TAC VECAC	264
6	NV12141190031	HAWTHORNE ARMY DEPOT	HAWTHORNE	243
7	NVD981967375	CHEMEX LABS INC	SPARKS	237
8	NVD000627034	NEWMONT GOLD OHARRY MINE	CARLIN	171
9	NVD000626531	BARRICK GOLDSTRIKE MINES INC	CARLIN	163
10	NVD981625015	SHERWIN WILLIAMS	SPARKS	141
11	NVD986766137	LAIDLAW ENV SVCS OF CA INC.	SPARKS	132
12	NVD982499329	SHERWIN WILLIAMS LAIDLAW ENV SVCS OF CA INC. AMERICAN ASSAY LABORATORIES, INC. SAINT MARYS REGIONAL MEDICAL CENTER	SPARKS	129
13	NVD982502684	SAINT MARYS REGIONAL MEDICAL CENTER	RENO	123
14	NVD986769560	BARRINGER LABORATORIES INC.	RENO	111
15	NVD986775369	LONE TREE MINE	VALMY	104
16	NVD982041345	LONE TREE MINE LIFETOUCH PORTRAIT STUDIOS, INC.	RENO	90
17	NVD982408668	NEWMONT GOLD COMPANY - TWIN CREEKS MINE	GOLCONDA	88
18	NVR000001495	DUPONT WESTERN DISTRIBUTION CENTER	RENO	82
		VALENCE TECHNOLOGY INC.	HENDERSON	81
		CALNEV PIPE LINE CO, LAS VEGAS TERMINAL	LAS VEGAS	75
		SHERWIN WILLIAMS	RENO	74
		SHERWIN WILLIAMS	DAYTON	52
		PRECISION ROLLED PRODUCTS, INC.	RENO	50
	NV7570024110		NELLIS AFB	44
26	λπτ0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	GETCHELL GOLD CORPORATION/GETCHELL MINE		42 40
20	NVUUUUUUUUU	LAS VEGAS HOUSING AUTHORITY	LAS VEGAS SPARKS	40
20	M7D0000000000	SUPERMARKET & INFORMATION SYSTEMS DURA-BOND BEARING COMPANY	CARSON CITY	37
20	1112302107230	WASHOE COUNTY SCHOOL DISTRICT GETTO TRN	RENO	35
30	NVD980478143	NEVADA DIV OF ACRICULTURE	RENO	35
31	NVD982030520	NEVADA DIV OF AGRICULTURE NEVADA WOOD PRESERVING OSULLIVAN PLASTICS CORPORATION	SILVER SPRINGS	34
32	NVD981578909	OSULLIVAN PLASTICS CORPORATION		30
		MASTER-HALCO, INC.	YERINGTON RENO RENO	27
		AMERICAN WATER HEATER COMPANY	RENO	27
35	NVD070307103	NEVADA PLATING COMPANY COEUR ROCHESTER INC.	SPARKS	24
				23
37	NVD982434961	CLARK COUNTY SCHOOL DISTRICT-KOEPSELL S	HENDERSON	23
38	NVD982498289	GREG STREET PLATING	SPARKS	22
	NVD986776169	COSTCO WHOLESALE #25	RENO	21
	NVD982445991	YOUNG ELECTRIC SIGN COMPANY	LAS VEGAS LAS VEGAS	19
	NVD982516049	AUTOMOTIVE PLATING SERVICES	LAS VEGAS	18
42	NV4360010322	COSTCO WHOLESALE #25 YOUNG ELECTRIC SIGN COMPANY AUTOMOTIVE PLATING SERVICES USVA MEDICAL CENTER ROCKY MOUNTAIN GEOCHEMICAL	RENO	16
4.3	NVDU0/81/882	ROCKY MOUNTAIN GEOCHEMICAL	CARCON CIEN	16
44	NVD986//2002	WAL MART I HR PHOTO	CARSON CITY	16 15
45	M70000453076	USVA MEDICAL CENTER ROCKY MOUNTAIN GEOCHEMICAL WAL MART 1 HR PHOTO COSTCO WHOLESALE #35 HOLLY DECORIATIONS INC.	RENO SPARKS CARSON CITY LAS VEGAS SPARKS	14
47	NVD981963549	UNIVERSITY OF NEVADA, RENO, MAIN CAMPUS		13
		MOHAVE GENERATING STATION, SO. CAL. EDIS		13
	NVD058947086		SPARKS	12
		HAMILTON COMPANY	RENO	12
TOTAL				10.055

12,375

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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 ONLY CORROSIVE ONLY REACTIVE	149 9 168	ONLY AN F CODE ONLY A K CODE ONLY A P CODE	2,408 12 0		
ONLY D004-17 ONLY D018-43 HAS MORE THAN ONE	1,851 2,395	ONLY A U CODE HAS MORE THAN ONE	1		
CHARACTERISTIC CODE TOTAL	3,197 7,767	LISTED CODE TOTAL	1 2,422	BOTH CHARACTERISTIC & LISTED	2,328

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	481			IGN. W/ AT LEAST 1 LSTD	405
HAS CORROSIVE CODE	2,719			CORR. W/ AT LEAST 1 LSTD	43
HAS REACTIVE CODE	11			REACT. W/ AT LEAST 1 LSTD	17
HAS D004-D017 CODE	3,125			D004-17 W/ AT LEAST 1 LSTD	1,971
HAS D018-D043 CODE	453			D018-43 W/ AT LEAST 1 LSTD	162
		HAS AN F CODE	1	F WASTE W/ AT LEAST 1 CHAR	2,292
		HAS A K CODE	1	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	10
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	39
TOTAL	3,197	TOTAL	1	TOTAL	2,328

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 6

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 29,313 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

TONS OF WASTE
RANK EPA ID SITE NAME CITY MANAGED

1 NVT330010000 US ECOLOGY INC, BEATTY, NV BEATTY
2 NVD980895338 21ST CENTURY EMI FERNLEY 64

TOTAL

29,313

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	17	.1	1	50.0
INCINERATION	M041-M049	9	.0	1	50.0
STABILIZATION	M111-M119	25,783	88.0	1	50.0
LANDFILL	M132	3,502	11.9	2	100.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1	.0	1	50.0
TOTAL		29,313	100.0	2	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION	M111-M119	25,783	88.0	1	50.0
LANDFILL	M132	3,502	11.9	2	100.0
METALS RECOVERY (FOR REUSE)	M011-M019	17	.1	1	50.0
INCINERATION	M041-M049	9	.0	1	50.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1	.0	1	50.0
TOTAL		29,313	100.0	2	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LANDFILL	M132	3,502	11.9	2	100.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1	.0	1	50.0
METALS RECOVERY (FOR REUSE)	M011-M019	17	.1	1	50.0
INCINERATION	M041-M049	9	.0	1	50.0
STABILIZATION	M111-M119	25,783	88.0	1	50.0
TOTAL		29,313	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 84

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 10,075 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	F' 1 F".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		011337777777
		EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
			21ST CENTURY EMI	FERNLEY	3,188
			BLM FORMER MONITE EXP. FACTORY	SPARKS	2,369
			DECUTET MY EOD HODOE NTO	MEDCITOV	664
			SAFETY-KLEEN CORP	N LAS VEGAS	593
			USDOI BUREAU OF LAND MANAGEMENT	LAS VEGAS	264
			CHEMEX LABS INC.	SPARKS	237
			POWER LOGISTICS	N LAS VEGAS	184
			NEWMONT GOLD QUARRY MINE	N LAS VEGAS CARLIN	171
				CARLIN	163
					141
	11	NVD986766137	LAIDLAW ENV SVCS OF CA INC.	SPARKS SPARKS	132
	12	NVD982499329	AMERICAN ASSAY LABORATORIES, INC.	SPARKS	129
	13	NVD981641434		RENO	114
	14	NVD986769560	BARRINGER LABORATORIES INC.	RENO	110
	15	NVD986775369	LONE TREE MINE	VALMY	94
	16	NVD982408668	NEWMONT GOLD COMPANY - TWIN CREEKS MINE	GOLCONDA	88
			LIFETOUCH PORTRAIT STUDIOS, INC.	RENO	86
			HAWTHORNE ARMY DEPOT	HAWTHORNE	84
			DUPONT WESTERN DISTRIBUTION CENTER	RENO	82
			VALENCE TECHNOLOGY INC.	HENDERSON	81
			SHERWIN WILLIAMS	RENO	74
			CALNEV PIPE LINE CO, LAS VEGAS TERMINAL		66
			MCCARRAN INTERNATIONAL AIRPORT	LAS VEGAS	54
		NV0000452201		DAYTON	52
		NV7570024110	PRECISION ROLLED PRODUCTS, INC. NELLIS AFB	RENO NELLIS AFB	50 44
		NV0000998880	LAS VEGAS HOUSING AUTHORITY	LAS VEGAS	40
		NVR00003380	SUPERMARKET & INFORMATION SYSTEMS	SPARKS	40
		NVD986767572	COEUR ROCHESTER INC.	LOVELOCK	40
		NVD986774735	GETCHELL GOLD CORPORATION/GETCHELL MINE	GOLCONDA	39
		NVD982467250	DURA-BOND BEARING COMPANY	CARSON CITY	37
	32	NVD982403438	WASHOE COUNTY SCHOOL DISTRICT GETTO TRN	RENO	35
	33	NVD982030520	NEVADA WOOD PRESERVING	SILVER SPRINGS	34
	34	NVD982502684	SAINT MARYS REGIONAL MEDICAL CENTER	RENO	32
	35	NVD981578909	OSULLIVAN PLASTICS CORPORATION	YERINGTON	30
	36	NVD986771392	MASTER-HALCO, INC.	RENO	27
			AMERICAN WATER HEATER COMPANY	RENO	27
		NVD070307103	NEVADA PLATING COMPANY	SPARKS	24
		NVD982434961	CLARK COUNTY SCHOOL DISTRICT-KOEPSELL S		23
		NVD982498289	GREG STREET PLATING	SPARKS	22
		NVD986776169	COSTCO WHOLESALE #25	RENO	21 19
		NVD982445991 NV4360010322	YOUNG ELECTRIC SIGN COMPANY USVA MEDICAL CENTER	LAS VEGAS RENO	16
		NVD067817882		SPARKS	16
		NVD986772002			16
			NAVAL AIR STATION, FALLON, NEVADA	FALLON	15
			COSTCO WHOLESALE #35	CARSON CITY FALLON LAS VEGAS	15
			HOLLY DECORIATIONS INC.	SPARKS	14
		NVD981963549	UNIVERSITY OF NEVADA, RENO, MAIN CAMPUS		13
		NVD000630970			13
-	TOTAL				0.004

9,924

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 3

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 29,606 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	NVT330010000	US ECOLOGY INC, BEATTY, NV	BEATTY	29,282
2	NVT330010208	SAFETY-KLEEN CORP	N LAS VEGAS	260
3	NVD980895338	21ST CENTURY EMI	FERNLEY	64

TOTAL 29,606

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	17	.1	1	50.0
INCINERATION	M041-M049	9	.0	1	50.0
STABILIZATION	M111-M119	25,783	88.0	1	50.0
LANDFILL	M132	3,499	11.9	2	100.0
TOTAL		29,309	100.0	2	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
STABILIZATION	M111-M119	25,783	88.0	1	50.0
LANDFILL	M132	3,499	11.9	2	100.0
METALS RECOVERY (FOR REUSE)	M011-M019	17	.1	1	50.0
INCINERATION	M041-M049	9	.0	1	50.0
TOTAL		29,309	100.0	2	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LANDFILL	M132	3,499	11.9	2	100.0
METALS RECOVERY (FOR REUSE)	M011-M019	17	.1	1	50.0
INCINERATION	M041-M049	9	.0	1	50.0
STABILIZATION	M111-M119	25,783	88.0	1	50.0
TOTAL		29,309	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 28,570 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 6,570 TONS

1997 WASTE GENERATION

TOTAL GENERATED

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 152

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 9,751 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

	EPA ID	SITE NAME	CITY	(TONS)
1	 NUD058537960	 WEBSTER VALVE INC	 FRANKLIN	2,741
2	NTTTD 0 4 0 7 2 4 1 7 2	HAMDGHIDE GHEMIGAI GODDODARION	NTA CITITA	1,488
2	NIID040724173	HAMPSHIRE CHEMICAL CORPORATION HADCO CORPORATION CIRCUIT CONNECT INC K W THOMPSON TOOL CO STURM RUGER & CO INC TERADYNE CIRCUITS DIVISION HADCO CORPORATION HITCHINER MFG. CO. INC. UPACO ADHESIVE INC GENERAL ELECTRIC CO POLYCLAD LAMINATES, INC. ADVANCED CIRCUIT TECHNOLOGY INC	DERRY	574
1	MID040312339	CIDCULT CONNECT INC	NASHUA	401
	MIDOCOTOCOC	K M THOMPSON TOOL CO	ROCHESTER	397
6	NHD018953794	STURM RUGER & CO INC	NEWPORT	365
7	NHD073974651	TERADYNE CIRCUITS DIVISION	NASHUA	364
,	NHD980668156	HADCO CORPORATION	SALEM	333
9	NHD001078682	HITCHINER MEG CO INC	SALEM MILFORD NASHUA SOMERSWORTH FRANKLIN	256
10	NHD001070002	IIPACO ADHESTVE INC	NASHIIA	159
11	NHD001091073	GENERAL ELECTRIC CO	SOMERSWORTH	144
12	NHD080027048	POLYCLAD LAMINATES, INC.	FRANKLIN	139
13	NHD081255788	ADVANCED CIRCUIT TECHNOLOGY INC	NASHUA	132
	NHD040245607	SANMINA CORP	NASHUA	131
15	NHD048729685	BAILEY CORPORATION	SEABROOK	104
16	NHD048722466	BAILEY CORPORATION K J QUINN & CO INC	SEABROOK	96
17	NHD001427475	GENERAL ELECTRIC AIRCRAFT ENGINES	NASHUA SEABROOK SEABROOK HOOKSETT	76
18	NHD073990418	F C I ELECTRICAL	LINCOLN	75
19	NHD990717092	DEXTER POLYMER SYSTEMS	SEABROOK	56
20	NHD500004569	TEXTRON SYSTEMS CORPORATION	FARMINGTON	51
21	NHD001089465	VISHAY SPRAGUE INC	CONCORD	49
22	NHD066752734	F C I ELECTRICAL DEXTER POLYMER SYSTEMS TEXTRON SYSTEMS CORPORATION VISHAY SPRAGUE INC FREUDENBERG-NOK, GP MILLIPORE CORP	MANCHESTER	48
23	NHD062002035	MILLIPORE CORP	JAFFREY	48
24	NHD099362048	MILLIPORE CORP POLYCLAD LAMINATES, INC.	FRANKLIN	45
25	NH7570024847	PEASE AIR FORCE BASE	PEASE ANGB	41
26	NHD001085158	MARKEM CORP	KEENE	40
27	NHD500004247	LAIDLAW ENVIRONMENTAL SERVICES (NE) INC	NASHUA	40
28	NHD073964496	SPLIT BALLBEARING	LEBANON	39
29	NHD001088624	KINGSTON-WARREN CORP	NEWFIELDS	38
	NHD037695236		DOVER	36
31	NHD986467124	TELEDYNE HALCO NEW ENGLAND BUSINESS SERVICE, INC.	LONDONDERRY	35
32	NHD990717803	NEW ENGLAND BUSINESS SERVICE, INC.	PETERBOROUGH	34
33	NHD045513785	UNITRODE CORPORATION	MERRIMACK	32
34	NHD001078062	TELEDYNE ELECTRONIC TECH	HUDSON	32
35	NHD500020847	L W PACKARD & CO INC	NEW HAMPTON	31
36	NHD986468676	AERO DYNAMICS	SALEM	29
37	NHD066755364	NEW ENGLAND BUSINESS SERVICE, INC. UNITRODE CORPORATION TELEDYNE ELECTRONIC TECH L W PACKARD & CO INC AERO DYNAMICS BATESVILLE CASKET CO BIOPURE CORPORATION LEWIS & SAUNDERS, INC. MINITURE PRECISION BEARINGS ALLTEX UNIFORM RENTAL SERVICE INC	NASHUA	29
38	NHD986469377	BIOPURE CORPORATION	DOVER	27
39	NHD001083609	LEWIS & SAUNDERS, INC.	LACONIA	27
40	NHD001082908	MINITURE PRECISION BEARINGS	KEENE	26
	THIDOUTIEESSE	THE TEN COULT OF THE CENTURE DESCRIPTION AND	I II II TOTILLO I LIT	26
		CHOMERICS INC	HUDSON	26
		ELEKTRISOLA INC	BOSCAWEN	25
		ADVANCE CIRCUIT SYSTEMS INC	FRANKLIN	24
		OSRAM SYLVANIA PRODUCTS INC	FRANKLIN HILLSBORO EXETER	24
		PHILLIPS EXETER ACADEMY		23
		HADCO CORPORATION	HUDSON	22
		ELECTROPAC CO INC	MANCHESTER	21
		NASHUA CORPORATION	NASHUA	21
50	NHDUU1U84672	FREUDENBERG-NOK GENERAL PARTNERSHIP	BRISTOL	20
TOTAL				0.041

9,041

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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 ONLY CORROSIVE	398 424	ONLY AN F CODE ONLY A K CODE	3,398		
ONLY REACTIVE	18	ONLY A P CODE	0		
ONLY D004-17 ONLY D018-43	1,798 70	ONLY A U CODE	1		
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	2,227	LISTED CODE	0		
TOTAL	4,935	TOTAL	3,400	BOTH CHARACTERISTIC & LISTED	1,413

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	198			IGN. W/ AT LEAST 1 LSTD	1,091
HAS CORROSIVE CODE	2,065			CORR. W/ AT LEAST 1 LSTD	23
HAS REACTIVE CODE	960			REACT. W/ AT LEAST 1 LSTD	7
HAS D004-D017 CODE	1,155			D004-17 W/ AT LEAST 1 LSTD	214
HAS D018-D043 CODE	130			D018-43 W/ AT LEAST 1 LSTD	522
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	1,401
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	13
TOTAL	2,227	TOTAL	0	TOTAL	1,413

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

- 6 NUMBER OF RCRA TSD FACILITIES: 1
- 7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 0 TONS

TABLES 8, 9, 10 AND 11 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN NEW HAMPSHIRE THAT REPORTED MANAGING RCRA HAZARDOUS WASTE IN 1997 OTHER THAN AS A STORAGE ONLY FACILITY.

QUANTITY

6,990

NEW HAMPSHIRE

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 142

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 7,656 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME HAMPSHIRE CHEMICAL CORPORATION WEBSTER VALVE INC HADCO CORPORATION STURM RUGER & CO INC TERADYNE CIRCUITS DIVISION BAILEY CORPORATION HADCO CORPORATION HADCO CORPORATION OEXTER POLYMER SYSTEMS K W THOMPSON TOOL CO HITCHINER MFG. CO. INC. ADVANCED CIRCUIT TECHNOLOGY INC UPACO ADHESIVE INC GENERAL ELECTRIC CO POLYCLAD LAMINATES, INC. SANMINA CORP CIRCUIT CONNECT INC K J QUINN & CO INC GENERAL ELECTRIC AIRCRAFT ENGINES F C I ELECTRICAL TEXTRON AUTOMOTIVE INTERIORS TEXTRON SYSTEMS CORPORATION VISHAY SPRAGUE INC FREUDENBERG-NOK, GP POLYCLAD LAMINATES, INC. MILLIPORE CORP PEASE AIR FORCE BASE LAIDLAW ENVIRONMENTAL SERVICES (NE) INC SPLIT BALLBEARING	CITY NASHUA FRANKLIN DERRY NEWPORT NASHUA SEABROOK SALEM	SHIPPED (TONS)
	NUD040724172	HAMDCHIDE CHEMICAL CODDODATION	NA CUITA	1 490
1	NHDU40/241/3	WEDCEED VALUE INC.	NASHUA	1,480 611
2	NHDU3633/960	WEBSIER VALVE INC	F KANKLIN	574
3	NHDU40312559	HADCO CORPORATION	DEKKI	365
4	NHD010953/94	SIURM RUGER & CU INC	NEWPORT	303
5	NHDU/39/4651	TERADINE CIRCUITS DIVISION	NASHUA	364 338
7	NIID0006601E6	HADGO GODDODATION	SEABROOK	334
,	NHU960000130	DEVEED DOLVMED CYCERMS	SALEM	277
0	NHD990/1/092	DEALER POLIMER SISIEMS	SEABROOK	
10	NHDUU2U59525	K W THOMPSON TOOL CO	ROCHESTER	262 204
11	NHDUU1U/8682	ADVANCED CIRCUIT TECHNOLOGY INC	MILLFORD	194
1.0	NUDUO1233766	ADVANCED CIRCUIT IECHNOLOGI INC	NASHUA	159
12	NHD001030340	CENEDAL ELECEDIC CO	NASHUA	144
1.0	NHD0010910/3	GENERAL ELECTRIC CO	SUMERSWORTH	
14	NHDU8UU2/U48	POLYCLAD LAMINATES, INC.	FRANKLIN	139
15	NHDU4U2456U7	SANMINA CURP	NASHUA	131 125
10	NHD900400000	CIRCUII CONNECT INC	NASHUA	
1/	NHDU48/22466	K J QUINN & CO INC	SEABROOK	96
18	NHD00142/4/5	GENERAL ELECTRIC AIRCRAFT ENGINES	HOOKSETT	76
19	NHD0/3990418	F C I ELECTRICAL	LINCOLN	75
20	NHDU45011616	TEXTRON AUTOMOTIVE INTERIORS	F'ARMING'I'ON	71
21	NHD500004569	TEXTRON SYSTEMS CORPORATION	FARMINGTON	51 49
22	NHD001089465	VISHAY SPRAGUE INC	CONCORD	
23	NHDU66/52/34	FREUDENBERG-NOK, GP	MANCHESTER	48
24	NHD099362048	POLYCLAD LAMINATES, INC.	FRANKLIN	45
25	NHD062002035	MILLIPORE CORP	JAFFREY	45
20	NH/5/UU2484/	PEASE AIR FURCE BASE	PEASE ANGE	41 40
27	NHD500004247	LAIDLAW ENVIRONMENTAL SERVICES (NE) INC SPLIT BALLBEARING KINGSTON-WARREN CORP HEIDELBERG TELEDYNE HALCO NEW ENGLAND BUSINESS SERVICE, INC. UNITRODE CORPORATION TELEDYNE ELECTRONIC TECH L W PACKARD & CO INC AERO DYNAMICS MARKEM CORP BATESVILLE CASKET CO BIOPURE CORPORATION LEWIS & SAUNDERS, INC. MINITURE PRECISION BEARINGS ALLTEX UNIFORM RENTAL SERVICE INC CHOMERICS INC ELEKTRISOLA INC	NASHUA	
28	NHDU / 3964496	SPLIT BALLBEARING	LEBANON	39
29	NHD001088624	KINGSTON-WARREN CORP	NEWFIELDS	38
30	NHDU3/695236	HEIDELBERG	DOVER	36
31	NHD986467124	TELEDYNE HALCO	LONDONDERKY	35
32	NHD990/1/803	NEW ENGLAND BUSINESS SERVICE, INC.	PETERBURUUGH	34
33	NHDU45513/85	UNITRODE CORPORATION	MERRIMACK	32
34	NHD001078062	TELEDYNE ELECTRONIC TECH	HUDSON	32
35	NHD500020847	L W PACKARD & CO INC	NEW HAMPTON	31 29
30	NHD986468676	AERO DINAMICS	SALEM	29
3 /	NHD001085158	MARKEM CORP	KEENE	
38	NHDU66/55364	BATESVILLE CASKET CO	NASHUA	27
39	NHD9864693//	BIOPURE CORPORATION	DOVER	27
40	NHD001083609	LEWIS & SAUNDERS, INC.	LACONIA	27
41	NHD001082908	MINITURE PRECISION BEARINGS	KEENE	26
42	NHD001422351	ALLTEX UNIFORM RENTAL SERVICE INC	MANCHESTER	26
43	NHDU48/2/994	CHOMERICS INC	HUDSON	26
44	NHDU4U252/44	ELEKTRISOLA INC	BOSCAWEN	25
45	NHD9864/2249	ADVANCE CIRCUIT SYSTEMS INC	FRANKLIN	24 24
46	NHD0/3984288	OGRAM SILVANIA PRODUCTS INC	UTTTPROKO	
4/	MHD307/10103	PHILLIPS EXETER ACADEMY	FVELEK	23 22
48	NHD33T307277	NACHIA CORDODATION	HUDSUN	
49	NHD0010/9433	NASHUA CURPURATIUN	NASHUA	21
50	иниу86486488	CHOMERICS INC ELEKTRISOLA INC ADVANCE CIRCUIT SYSTEMS INC OSRAM SYLVANIA PRODUCTS INC PHILLIPS EXETER ACADEMY HADCO CORPORATION NASHUA CORPORATION AAVID PRECISION EXTRUSION	FKANKLIN	20
TOTAL				5 000

NOTE:

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

TABLES 15, 16, 17, 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN NEW HAMPSHIRE THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE IN 1997.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 7,656 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 819

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 348,409 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	SITE NAME	CITY MIDDLESEX DEEPWATER CLIFTON SOUTH PLAINFIELD SAYREVILLE POMONA OLD BRIDGE ELIZABETH WESTVILLE NEWFIELD FRANKLIN	TOTAL GENERATED (TONS)
1 NJD002454544	MARISOI INC	MIDDIFCEY	161 9/3
2 1170002205720	EI DUPONT-CHAMBERS WORKS	DEEDMATER	47 525
3 N.TD002303730	CIVALIDAN POLIPE COPPORATION	CLIFTON	17 666
4 NJD002130334	GIVAUDAN ROURE CORPORATION CHEVRON CHEMICAL COMPANY CO-STEEL SAYREVILLE LENOX CHINA MADISON INDUSTRIES INC HULS AMERICA INC	SOUTH DIATNETELD	161,843 47,525 17,666 14,006 10,134
5 N.TD078873270	CO-STEEL SAVREVILLE	SAVREVILLE	10 134
6 NJD002325074	LENOX CHINA	POMONA	7,616
7 NJD002460855	MADISON INDUSTRIES INC	OLD BRIDGE	4,285
8 NJD011246337	HULS AMERICA INC	ELIZABETH	3,965
9 NJD990753162	COASTAL EAGLE POINT OIL COMPANY	WESTVILLE	3,877
10 NJD002365930	SHIELDALLOY METALLURGICAL CORP	NEWFIELD	3,781
11 NJD986571016	USEPA-REGION II	FRANKLIN	3,543
12 NJD002194843	INTERNATIONAL FLAVORS AND FRAGRANCES	UNION BEACH	3,070
13 NJD002146504	ISP VAN DYK INC	BELLEVILLE	2,982
14 NJD002347565	US PIPE & FOUNDRY CO	BURLINGTON	2,607
15 NJD986570992	USEPA REGION II	FRANKLIN	2,569
16 NJD980772370	BEST FOODS/MUELLER	JERSEY CITY	2,061
17 NJD981080401	ISP VAN DYK INC US PIPE & FOUNDRY CO USEPA REGION II BEST FOODS/MUELLER CHEM-FLEUR INTERNATIONAL AUSIMONT USA INC HOFFMANN-LA ROCHE INC SCHERING CORPORATION GANES CHEMICALS INC MOBIL CHEMICAL CO CLEMICAL PRODUCTS DIV	NEWARK	1,932
18 NJD980753875	AUSIMONT USA INC	THOROFARE	1,828
19 NJD002191211	HOFFMANN-LA ROCHE INC	NUTLEY	1,658
20 NJD001317601	SCHERING CORPORATION	UNION	1,599
21 NJD001213727	GANES CHEMICALS INC	CARLSTADT	1,565
22 1000000000	HODIE CHEMICAE CO CHEMICAE INODOCIO DIV		1,516
	SIMMONDS PRECISION FACILITY	CHESTER	1,515
24 NJD002011294		MAYWOOD	1,386 1,357
26 N.TD002457273	SMITHKLINE BEECHAM PHARMACEUTICALS CAMPBELL FOUNDRY COMPANY	PISCATAWAY HARRISON	1,357
20 NUDUU2457273	THE PALNUT COMPANY	MOINTATNOTOF	1,220
28 NJT350010112		MODEU DEINGWICK	1,058
20 No1330010112	PERMACEL PORT AUTHORITY OF NY & NJ HOECHST CELANESE CORP SOLUTIA INC	DEPTH AMBOV	1,050
30 NJD079323044	HOECHST CELANESE CORP	NEMYBK	957
31 NJD001700707	SOLUTIA INC	BRIDGEPORT	938
32 NJD001519107	SOLUTIA INC HOEGANAES CORPORATION EXXON CHEMICAL AMERICAS-BAYWAY SHELL SERVICE STATION FRAGRANCE RESOURCES INC	RIVERTON	802
33 NJD000692905	EXXON CHEMICAL AMERICAS-BAYWAY	LINDEN	799
34 NJD986588366	SHELL SERVICE STATION	HASBROUCK HEIGHTS	790
35 NJD020783304	FRAGRANCE RESOURCES INC	KEYPORT	757
36 NJD002147023	NOVARTIS PHARMECEUTICALS CORPORATION	EAST HANOVER	749
37 NJD002152205	THE OKONITE COMPANY	NORTH BRUNSWICK	725
38 NJD001787944	ZENECA INC	BAYONNE	686
39 NJD002186690		LINDEN	668
	E.C.D. INC	HILLSIDE	659
41 NJD002157030	SHERWIN-WILLIAMS DBA CON-LUX COATINGS	EDISON	658
42 NJD002139228	COURTAULDS COATINGS INC	UNION	631
43 NJD002352607	WILMAD GLASS BASF CORPORATION ORION ELIZABETH NEW JERSEY	BUENA	607
44 NJD003000049	BASE CORPORATION	WASHINGTON	595
45 NJR000020560 46 NJD001572999	OKION ELIZABETH NEW JEKSEY	ELIZABETH MIDLAND PARK	576 568
			534
	COOK COMPOSITES & POLYMERS CO	EDISON PENNSAUKEN	512
	ENGINEERED PRECISION CASTING CO	PENNSAUKEN MIDDLETOWN BORDENTOWN	475
50 NJD002345247	CIRCUIT FOIL USA, INC	BORDENTOWN	396
	CINCOII FOID ODII, INC	Zotte Environt	370
TOTAL			204 604

324,604

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY	TONS OF		TONS OF	WASTE HAS BOTH	TONS OF
CHARACTERISTIC	WASTE	WASTE HAS ONLY	WASTE	CHARACTERISTIC	WASTE
CODES	GENERATED	LISTED CODES	GENERATED	AND LISTED CODES	GENERATED
ONLY IGNITABLE	12,088	ONLY AN F CODE	6,902		
ONLY CORROSIVE	624	ONLY A K CODE	10,206		
ONLY REACTIVE	251	ONLY A P CODE	64		
ONLY D004-17	36,535	ONLY A U CODE	227		
ONLY D018-43	2,145				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	9,116	LISTED CODE	56,911		
TOTAL	60,759	TOTAL	74,310	BOTH CHARACTERISTIC & LISTED	213,072

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	3,994			IGN. W/ AT LEAST 1 LSTD	201,115
HAS CORROSIVE CODE	1,292			CORR. W/ AT LEAST 1 LSTD	1,224
HAS REACTIVE CODE	2,003			REACT. W/ AT LEAST 1 LSTD	443
HAS D004-D017 CODE	7,906			D004-17 W/ AT LEAST 1 LSTD	3,989
HAS D018-D043 CODE	7,272			D018-43 W/ AT LEAST 1 LSTD	190,372
		HAS AN F CODE	42,879	F WASTE W/ AT LEAST 1 CHAR	207,257
		HAS A K CODE	42,864	K WASTE W/ AT LEAST 1 CHAR	5,229
		HAS A P CODE	14,034	P WASTE W/ AT LEAST 1 CHAR	68
		HAS A U CODE	21,933	U WASTE W/ AT LEAST 1 CHAR	896
TOTAL	9,116	TOTAL	56,911	TOTAL	213,072

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 85

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 86,095 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1 NJD002454544	MARISOL INC	MIDDLESEX	43,357
2 NJD002385730	EI DUPONT-CHAMBERS WORKS	DEEPWATER	42,270
3 NJD001787944	ZENECA INC	BAYONNE	282
4 NJD002521961	HERCULES INC	PARLIN	95
5 NJD049874415	KENDALL/BETHAM	MIDDLESEX	36
6 NJD000818518	AMES RUBBER CORP PLANT 3	SUSSEX	26
7 NJD002141489	ENGELHARD CORPORATION	EAST NEWARK	26
8 NJD001316173	NOVARTIS PHARMACEUTICALS	SUMMIT	2

TOTAL 86,095

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	3,598	4.2	4	50.0
OTHER RECOVERY	M031-M039	36	.0	1	12.5
INCINERATION	M041-M049	396	.5	3	37.5
FUEL BLENDING	M061	39,794	46.2	1	12.5
SLUDGE TREATMENT	M101-M109	521	.6	1	12.5
STABILIZATION	M111-M119	41,749	48.5	1	12.5
LANDFILL	M132	0	.0	1	12.5
TOTAL		86,095	100.0	8	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
STABILIZATION	M111-M119	41,749	48.5	1	12.5
FUEL BLENDING	M061	39,794	46.2	1	12.5
SOLVENTS RECOVERY	M021-M029	3,598	4.2	4	50.0
SLUDGE TREATMENT	M101-M109	521	.6	1	12.5
INCINERATION	M041-M049	396	.5	3	37.5
OTHER RECOVERY	M031-M039	36	.0	1	12.5
LANDFILL	M132	0	.0	1	12.5
TOTAL		86,095	100.0	8	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	3,598	4.2	4	50.0
INCINERATION	M041-M049	396	.5	3	37.5
FUEL BLENDING	M061	39,794	46.2	1	12.5
LANDFILL	M132	0	.0	1	12.5
OTHER RECOVERY	M031-M039	36	.0	1	12.5
SLUDGE TREATMENT	M101-M109	521	.6	1	12.5
STABILIZATION	M111-M119	41,749	48.5	1	12.5
TOTAL		86,095	100.0	8	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 749

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 158,068 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	F'IF".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		OTTA NITH TITLE
		EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
		NJD002454544		MIDDLESEX	33,736
			GIVAUDAN ROURE CORPORATION	CLIFTON	17,666
			EI DUPONT-CHAMBERS WORKS	DEEPWATER	7,618
		NJD002325074		POMONA	7,616
			CO-STEEL SAYREVILLE	SAYREVILLE	5.084
			MADISON INDUSTRIES INC	OLD BRIDGE	4,285
			HULS AMERICA INC	ELIZABETH	3,965
		NJD002365930	SHIELDALLOY METALLURGICAL CORP	NEWFIELD	3,781
			USEPA-REGION II	FRANKLIN	3,543
		NJD002194843	INTERNATIONAL FLAVORS AND FRAGRANCES	UNION BEACH	3,070
			ISP VAN DYK INC	BELLEVILLE	2,982
				FRANKLIN	2,569
	12	NITD000770370	USEPA REGION II BEST FOODS/MUELLER CHEM. FI FIID. INTERNATIONAL	JERSEY CITY	2,061
	1/	N.TDQQ10Q0401	CHEM-FLEUR INTERNATIONAL	NEWARK	1,932
		NJD001317601	SCHERING CORPORATION	UNION	1,596
		NJD001317001 NJD001213727	GANES CHEMICALS INC	CARLSTADT	1,565
		NJD053101085	MOBIL CHEMICAL CO CHEMICAL PRODUCTS DIV	EDISON	1,516
		NJD986647345		CHESTER	1,515
			STEPAN COMPANY	MAYWOOD	1,313
		NJD091398081	TRANSFER PRINT FOILS INC	EAST BRUNSWICK	1,359
		NJD042896738		PISCATAWAY	1,359
			HOFFMANN-LA ROCHE INC	NUTLEY	1,310
			CAMPBELL FOUNDRY COMPANY	HARRISON	1,310
			SAFETY KLEEN CORP	NEWARK	1,221
			THE PALNUT COMPANY	MOUNTAINSIDE	1,220
		NJT350010112		NORTH BRUNSWICK	1,065
				PERTH AMBOY	1,005
			HOECHST CELANESE CORP	NEWARK	957
		NJD000768101		SOUTHAMPTON	946
		NJD001700101		BRIDGEPORT	945
		NJD990753162		WESTVILLE	825
		NJD001519107	HOEGANAES CORPORATION	RIVERTON	802
		NJD000692905		LINDEN	800
			SHELL SERVICE STATION	HASBROUCK HEIGHTS	790
		NJD020783304	FRAGRANCE RESOURCES INC	KEYPORT	757
		NJD002147023		EAST HANOVER	749
		NJD002152205	THE OKONITE COMPANY	NORTH BRUNSWICK	725
		NJD002186690	GENERAL MOTORS CORPORATION	LINDEN	668
		NJD002157030	SHERWIN-WILLIAMS DBA CON-LUX COATINGS	EDISON	658
		NJD002139228	COURTAULDS COATINGS INC	UNION	631
		NJD002352607	WILMAD GLASS	BUENA	607
		NJD053514428	ECD INC	HILLSIDE	604
		NJD003000049	DACE CODDODATION	WASHINGTON	595
		NJD002190627	COOKSON PIGMENTS INC	NEWARK	592
		NJR000020560	ORION ELIZABETH NEW JERSEY	ELIZABETH	576
		NJD000768077	COOKSON PIGMENTS INC ORION ELIZABETH NEW JERSEY SAFETY KLEEN CORP ITT MARLOW	BOUND BROOK	571 571
		NJD001572999	ITT MARLOW	MIDLAND PARK	568
			FORD MOTOR CO EDISON ASSEMBLY PLANT	EDISON	534
			COOK COMPOSITES & POLYMERS CO	PENNSAUKEN	512
			US PIPE & FOUNDRY CO	BURLINGTON	490
			11 1-1-1 1 100		130
-	TOTAL				122 085

133,275

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 9

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 46,148 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	NJD002454544	MARISOL INC	MIDDLESEX	43,357
2	NJD000768093	SAFETY KLEEN CORP	NEWARK	826
3	NJD000768101	SAFETY KLEEN CORP	SOUTHAMPTON	727
4	NJD002385730	EI DUPONT-CHAMBERS WORKS	DEEPWATER	546
5	NJD000768077	SAFETY KLEEN CORP	BOUND BROOK	387
6	NJD982270506	SAFETY KLEEN CORP	SOUTH PLAINFIELD	263
7	NJD049874415	KENDALL/BETHAM	MIDDLESEX	36
8	NJD000582387	RUTGERS UNIVERSITY	PISCATAWAY	5
9	NJD006980924	BELL LABORATORIES	MURRAY HILL	1

46,148

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	3,563	8.1	1	33.3
OTHER RECOVERY	M031-M039	36	.1	1	33.3
FUEL BLENDING	M061	39,794	90.6	1	33.3
SLUDGE TREATMENT	M101-M109	521	1.2	1	33.3
TOTAL		43,915	100.0	3	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANA	GEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL	BLENDING	M061	39,794	90.6	1	33.3
SOLV	ENTS RECOVERY	M021-M029	3,563	8.1	1	33.3
SLUD	GE TREATMENT	M101-M109	521	1.2	1	33.3
OTHE	R RECOVERY	M031-M039	36	.1	1	33.3
TOTA	L		43,915	100.0	3	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	39,794	90.6	1	33.3
SOLVENTS RECOVERY	M021-M029	3,563	8.1	1	33.3
OTHER RECOVERY	M031-M039	36	.1	1	33.3
SLUDGE TREATMENT	M101-M109	521	1.2	1	33.3
TOTAL		43,915	100.0	3	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 21,031 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 110,327 TONS

1997 WASTE GENERATION

TOTAL GENERATED

99,474

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 39

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 99,474 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	GIANT REFINING COMPANY - BLOOMFIELD MI LLC HOBBS NEW MEXICO INTEL CORPORATION SANDIA NATIONAL LABORATORIES - NM NAVAJO REFINING CO U.S. DOE LOS ALAMOS NATIONAL LABORATORY PHILIPS SEMICONDUCTORS HOLLOMAN AFB ROSWELL COMPRESSOR STATION NOVABUS INCORPORATED GE AIRCRAFT ENGINES CANNON AIR FORCE BASE NEW MEXICO NASA JSC WHITE SANDS TEST FACILITY GENERAL TECHNOLOGY CORPORATION COMPRESSOR STATION NO. 9, ROSWELL UNIVERSITY OF NEW MEXICO - ALBUQUERQUE LEA REFINING COMPANY HONEYWELL DEFENSE AVIONICS SYSTEMS NMSU A-MOUNTAIN STORAGE FACITLITY GIANT REFINING COMPANY CINIZA REFINERY ETHICON ENDO-SURGERY, INC. WHITE SANDS MISSILE RANGE, NM BF GOODRICH AEROSPACE, DATA SYSTEMS UNICHEM, A DIVISION OF BJ SERVICES CO USAADACENFB CHRISTMAS BY KREBS. CORP	CITY	TOTAL GENERATED (TONS)
1	NMD089416416	CTANT PETNING COMPANY - DIOOMETEID	PI OOMETEI D	95,061
2	NIMD003410410	MI LLC HORRS NEW MEXICO	HOBBS	1,107
3	MMD00000000000000000000000000000000000	INTEL CORDORATION	PIO PANCHO	1,095
4	NIM5890110518	SANDIA NATIONAL LABORATORIES - NM	AT.RIIOTIEPOTE	432
5	NIMD 0 4 8 9 1 8 8 1 7	NAVATO PEFINING CO	ADDOQUERQUE	395
6	NM0890010515	ILS DOE LOS ALAMOS NATIONAL LABORATORY	LOS ALAMOS	310
7	NMD000709782	PHILIPS SEMICONDUCTORS	ALBUQUERQUE	268
8	NM6572124422	HOLLOMAN AFR	HOLLOMAN AFB	223
9	NMR000002089	ROSWELL COMPRESSOR STATION	TATIM	72
10	NM0001001320	NOVABIIS INCORPORATED	ROSWELL	68
11	NMD052684578	GE AIRCRAFT ENGINES	ALBUOUEROUE	54
12	NM7572124454	CANNON AIR FORCE BASE NEW MEXICO	CANNON AFB	49
13	NM8800019434	NASA JSC WHITE SANDS TEST FACILITY	LAS CRUCES	46
14	NMD014584296	GENERAL TECHNOLOGY CORPORATION	ALBUOUEROUE	37
15	NMD986676955	COMPRESSOR STATION NO. 9, ROSWELL	ROSWELL, NEW MEXICO	34
16	NMD980621197	UNIVERSITY OF NEW MEXICO - ALBUQUERQUE	ALBUQUERQUE	25
17	NMD360010367	LEA REFINING COMPANY	LOVINGTON	20
18	NMD000610303	HONEYWELL DEFENSE AVIONICS SYSTEMS	ALBUQUERQUE	17
19	NMD075088252	NMSU A-MOUNTAIN STORAGE FACITLITY	LAS CRUCES	17
20	NMD000333211	GIANT REFINING COMPANY CINIZA REFINERY	JAMESTOWN	16
21	NMD980622989	ETHICON ENDO-SURGERY, INC.	ALBUQUERQUE	16
22	NM2750211235	GHANT REFINENT COMPANY INC. ETHICON ENDO-SURGERY, INC. WHITE SANDS MISSILE RANGE, NM BF GOODRICH AEROSPACE, DATA SYSTEMS UNICHEM, A DIVISION OF BJ SERVICES CO USAADACENFB CHRISTMAS BY KREBS, CORP	WSMR	14
23	NMD035686823	BF GOODRICH AEROSPACE, DATA SYSTEMS	ALBUQUERQUE	14
24	NMD000333559	UNICHEM, A DIVISION OF BJ SERVICES CO	HOBBS	14
25	NM4213720101	USAADACENFB	MCGREGOR RANGE CAMP	13
		CHRISTMAS BY KREBS, CORP	ROSWELL	10
2/	NM95/0024423	KIRTLAND AIR FORCE BASE, KIRTLAND AFB NM	KIRTLAND AFB NM	9
		PHELPS DODGE HIDALGO INC.	PLAYAS	6
29	NM6213820974	FORT WINGATE ARMY DEPOT	GALLUP	6
30	NMP360060589	RUSTLER RANCH PHELPS DODGE TYRONE INC.	PLAYAS	5
31	NMD035806405			5
32	NMD982552945	SP PHARMACEUTICALS LLC	ALBUQUERQUE	5 5 5 3
33	NMD000804088	CONOCO ALBUQUERQUE PRODUCTS TERMINAL	ALBUQUERQUE	3
34	NM4890139088	US DOE WASTE ISOLATION PILOT PLANT	CARLSBAD	3
35	NMD980698849	CONOCO ALBUQUERQUE PRODUCTS TERMINAL US DOE WASTE ISOLATION PILOT PLANT SAFETY-KLEEN CORP - FARMINGTON, NM	FARMINGTON	3 1
36	NMR000001271	UNION PACIFIC RAILROAD SANTA ROSA YARD	SANTA ROSA	
37	NMR000001289	UNION PACIFIC RAILROAD TUCUMCARI YARD	TUCUMCARI YARD	1
38	NMD000562645	SUMITOMO SITIX SILICON INC	ALBUQUERQUE	0
TOTAL				00 474

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	146	ONLY AN F CODE	125		
ONLY CORROSIVE	20	ONLY A K CODE	653		
ONLY REACTIVE	2	ONLY A P CODE	0		
ONLY D004-17	1,859	ONLY A U CODE	5		
ONLY D018-43	94,751				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	373	LISTED CODE	42		
TOTAL	97,150	TOTAL	825	BOTH CHARACTERISTIC & LISTED	1,498

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	166			IGN. W/ AT LEAST 1 LSTD	1,425
HAS CORROSIVE CODE	106			CORR. W/ AT LEAST 1 LSTD	1
HAS REACTIVE CODE	40			REACT. W/ AT LEAST 1 LSTD	2
HAS D004-D017 CODE	336			D004-17 W/ AT LEAST 1 LSTD	99
HAS D018-D043 CODE	217			D018-43 W/ AT LEAST 1 LSTD	113
		HAS AN F CODE	1	F WASTE W/ AT LEAST 1 CHAR	1,496
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	41	P WASTE W/ AT LEAST 1 CHAR	1
		HAS A U CODE	42	U WASTE W/ AT LEAST 1 CHAR	3
TOTAL	373	TOTAL	42	TOTAL	1,498

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

TONS OF WASTE

6 NUMBER OF RCRA TSD FACILITIES: 15

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 189,509 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

				1010 01 111011
RANK E	PA ID	SITE NAME	CITY	MANAGED
1 N	MD089416416	GIANT REFINING COMPANY - BLOOMFIELD	BLOOMFIELD	189,490
2 N	M0890010515	U.S. DOE LOS ALAMOS NATIONAL LABORATORY	LOS ALAMOS	19
3 N	M6213820974	FORT WINGATE ARMY DEPOT	GALLUP	0

TOTAL 189,509

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	13	.0	1	33.3
INCINERATION	M041-M049	0	.0	1	33.3
STABILIZATION	M111-M119	5	.0	1	33.3
DEEPWELL / UNDERGROUND INJECTION	M134	189,490	100.0	1	33.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	33.3
TOTAL		189,509	100.0	3	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	189,490	100.0	1	33.3
METALS RECOVERY (FOR REUSE)	M011-M019	13	.0	1	33.3
STABILIZATION	M111-M119	5	.0	1	33.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	33.3
INCINERATION	M041-M049	0	.0	1	33.3
TOTAL		189,509	100.0	3	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	189,490	100.0	1	33.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	0	.0	1	33.3
METALS RECOVERY (FOR REUSE)	M011-M019	13	.0	1	33.3
INCINERATION	M041-M049	0	.0	1	33.3
STABILIZATION	M111-M119	5	.0	1	33.3
TOTAL		189,509	100.0	3	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

QUANTITY

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 39

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 5,637 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME	CITY HOBBS RIO RANCHO ARTESIA ALBUQUERQUE BLOOMFIELD ALBUQUERQUE LOS ALAMOS	SHIPPED (TONS)
		SITE NAME MI LLC HOBBS NEW MEXICO INTEL CORPORATION NAVAJO REFINING CO		
1	NMD079839908	MI LLC HOBBS NEW MEXICO	HOBBS	1,107
2	NMD000609339	INTEL CORPORATION	RIO RANCHO	1,095
3	NMD048918817	NAVAJO REFINING CO	ARTESIA	829
4	NMD000804294	SAFETY-KLEEN CORP - ALBUQUERQUE, NM SANDIA NATIONAL LABORATORIES - NM	ALBUQUERQUE	428
5	NM5890110518	SANDIA NATIONAL LABORATORIES - NM	ALBUQUERQUE	417
		GIANT REFINING COMPANY - BLOOMFIELD	BLOOMFIELD	316
		PHILIPS SEMICONDUCTORS	ALBUQUERQUE	268
8	NM0890010515	U.S. DOE LOS ALAMOS NATIONAL LABORATORY	LOS ALAMOS	220
9	NM6572124422	HOLLOMAN AFB	HOLLOMAN AFB	195
10	NMD980698849	SAFETY-KLEEN CORP - FARMINGTON, NM	FARMINGTON	180
11	NMR000002089	ROSWELL COMPRESSOR STATION	TATUM	72
12	NM0001001320	NOVABUS INCORPORATED	ROSWELL	68
13	NMD052684578	GE AIRCRAFT ENGINES	ALBUQUERQUE	55
14	NM7572124454	CANNON AIR FORCE BASE NEW MEXICO	CANNON AFB	49
15	NM8800019434	NASA JSC WHITE SANDS TEST FACILITY	LAS CRUCES	46
16	NMD014584296	GENERAL TECHNOLOGY CORPORATION	ALBUQUERQUE	36
17	NMD986676955	HOLLOMAN AFB SAFETY-KLEEN CORP - FARMINGTON, NM ROSWELL COMPRESSOR STATION NOVABUS INCORPORATED GE AIRCRAFT ENGINES CANNON AIR FORCE BASE NEW MEXICO NASA JSC WHITE SANDS TEST FACILITY GENERAL TECHNOLOGY CORPORATION COMPRESSOR STATION NO. 9, ROSWELL UNIVERSITY OF NEW MEXICO - ALBUQUERQUE	ROSWELL, NEW MEXICO	34
18	NMD980621197	UNIVERSITY OF NEW MEXICO - ALBUQUERQUE	ALBUQUERQUE	25
19	NMD360010367	LEA REFINING COMPANY	LOVINGTON	20
20	NMD000610303	HONEYWELL DEFENSE AVIONICS SYSTEMS	ALBUQUERQUE	17
		NMSU A-MOUNTAIN STORAGE FACITLITY	LAS CRUCES	17
22	NMD000333211	GIANT REFINING COMPANY CINIZA REFINERY	ROSWELL, NEW MEXICO ALBUQUERQUE LOVINGTON ALBUQUERQUE LAS CRUCES JAMESTOWN ALBUQUERQUE ALBUQUERQUE WSMR MCGREGOR RANGE CAMP HOBBS	17
23	NMD980622989	ETHICON ENDO-SURGERY, INC.	ALBUQUERQUE	16
24	NMD035686823	BF GOODRICH AEROSPACE, DATA SYSTEMS	ALBUQUERQUE	14
25	NM2750211235	WHITE SANDS MISSILE RANGE, NM	WSMR	14
26	NM4213720101	USAADACENFB	MCGREGOR RANGE CAMP	13
27	NMD000333559	UNICHEM, A DIVISION OF BJ SERVICES CO	HOBBS	13
			ROSWELL	10
29	NM9570024423	CHRISTMAS BY KREBS, CORP KIRTLAND AIR FORCE BASE, KIRTLAND AFB NM PHELPS DODGE HIDALGO INC	KIRTLAND AFB NM	9
			PLAYAS	6
31	NM6213820974	FORT WINGATE ARMY DEPOT	GALLUP	6
			PLAYAS	5
33	NMD035806405	PHELPS DODGE TYRONE INC.	TYRONE	5
34	NMD982552945	RUSTLER RANCH PHELPS DODGE TYRONE INC. SP PHARMACEUTICALS LLC	ALBUQUERQUE	5
		US DOE WASTE ISOLATION PILOT PLANT	CARLSBAD	4
		CONOCO ALBUQUERQUE PRODUCTS TERMINAL		3
		UNION PACIFIC RAILROAD SANTA ROSA YARD	SANTA ROSA	1
		UNION PACIFIC RAILROAD TUCUMCARI YARD	TUCUMCARI YARD	1
		SUMITOMO SITIX SILICON INC	ALBUQUERQUE	0
TOTAL				

5,637

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 2

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 2 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

			QUANTITY
RANK EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1 NM0890010515	U.S. DOE LOS ALAMOS NATIONAL LABORATORY	LOS ALAMOS	1
2 NM5890110518	SANDIA NATIONAL LABORATORIES - NM	ALBUQUERQUE	1

TOTAL

2

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

TABLES 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN NEW MEXICO THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE FROM OFFSITE IN 1997 OTHER THAN STORAGE ONLY FACILITIES.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 5,554 TONS

NEW YORK

1997 WASTE GENERATION

TOTAL GENERATED

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 2,772

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 419,899 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

PANK	EPA ID	SITE NAME	CITY	(TONS)
				(1010)
1	NYD049836679	SITE NAME CWM CHEMICAL SERVICES, L.L.C. SCHENECTADY INTERNATIONAL INC ALUMINUM COMPANY OF AMERICA	MODEL CITY	73,675
2	NYD002070118	SCHENECTADY INTERNATIONAL INC	ROTTERDAM JUNCTION	47,171
3	NYD002232304	ALUMINUM COMPANY OF AMERICA	MASSENA	39.259
		GENERAL ELECTRIC CO	WATERFORD	36.828
	NYD980592497	EASTMAN KODAK COMPANY	ROCHESTER	35.040
	NYD980535116	CITY OF ROCHESTER POLICE AND FIRE ACDY	ROCHESTER	19,704
7	NYD030485288	REVERE SMELTING & REFINING CORPORATION	MIDDLETOWN	13,956
8	NYD000824482	REVERE SMELTING & REFINING CORPORATION OCCIDENTAL CHEMICAL CORP FLOMATIC CORPORATION BUCKBEE-MEARS CORTLAND GENERAL ELECTRIC CO-PLASTICS AUBURN STEEL CO. INC.	NIAGARA FALLS	9,005
9	NYD002075620	FLOMATIC CORPORATION	NORTH HOOSICK	7,010
10	NYD010783967	BUCKBEE-MEARS CORTLAND	CORTLAND	6,810
11	NYD066832023	GENERAL ELECTRIC CO-PLASTICS	SELKIRK	6,642
12	NYD066785650	AUBURN STEEL CO. INC.	AUBURN	6,478
13	NYD980780928	VANDERHORST CHEM/NYSDEC/REMEDIAL SITE	OLEAN	6,058
		REYNOLDS METALS CO ST LAWRENCE RED PLANT	MASSENA	3,993
		NORTHROP GRUMMAN CORPORATION	BETHPAGE	3,299
	NYD002014595	NEPERA INC	HARRIMAN	3,118
17	NYD054065909	LEDERLE LABS AMERICAN CYANAMID CO	PEARL RIVER	3,109
	NYD001223338	STAR NEWCO	MOUNTAINVILLE	2,949
19	NYD002233039	INTERNATIONAL BUSINESS MACHINES	ENDICOTT	2,871
20	NYD000707901	IBM CORPORATION	HOPEWELL JUNCTION	2,786
	NYP003602216	NYSDEC/SPILL	HORNELL	2,600
22	NYD002220804	OLIN CORP	ROCHESTER	2,247
23	NYD981138605	FUJISAWA USA INC	GRAND ISLAND	2,030
24	NY0000055384	PFIZER INC	BROOKLYN	1,972
25	NYD000706218	CON ED - THIRD AVENUE SERVICE CENTER	BROOKLYN	1,819
26	NYD980531263	NYS ELECTRIC & GAS	WATERVILLE	1,632
27	NYD002215226	ITT AUTOMOTIVE - ESI	ROCHESTER	1,594
28	NYD980532196	BROOKLYN UNION GAS	BROOKLYN	1,565
29	NYD987010964	CON ED-FARRINGTON REGULATING STATION	FLUSHING	1,542
	NYD000824425	CORNING INC-FALL BROOK PLANT	CORNING	1,533
		US DOE/KNOLLS ATOMIC POWER LABORATORY	NISKAYUNA	1,488
32	NYD982177743	CON ED - WEST 28TH STREET SERVICE CTR	NEW YORK	1,473
33	NYD980531396	NYS ELECTRIC & GAS	NORWICH	1,414
34	NYD041848334	KEYWELL L.L.C. VAC AIR DIVISION	FREWSBURG	1,386
35	NYR000010363	NYC DEPT OF TRANS	NEW YORK	1,375
36	NYD137976247	CON ED - HELLGATE STATION & SUBSTATION	BRONX	1,319
37	NYD002230902	BRISTOL-MYERS SQUIBB COMPANY	EAST SYRACUSE	1,289
38	NYD080480734	INTERNATIONAL BUSINESS MACHINES	POUGHKEEPSIE	1,188
39	NYD057770109	NORTHEAST ENVIRONMENTAL SERVICES INC	WAMPSVILLE	1,111
40	NYD002050110	GENZALE PLATING SITE	FRANKLIN SQUARE	1,101
41	NYD175773779	VANCHEM INC	LOCKPORT	1,064
42	NYD002211324	XEROX CORPORATION	WEBSTER	1,058
43	NYR000024562	XEROX CORPORATION NYS DEPT OF TRANSPORTATION OAK-MITSUI INC	STATEN ISLAND	1,000
44	NYD080460215	OAK-MITSUI INC	CITY MODEL CITY ROTTERDAM JUNCTION MASSENA WATERFORD ROCHESTER ROCHESTER ROCHESTER MIDDLETOWN NIAGARA FALLS NORTH HOOSICK CORTLAND SELKIRK AUBURN OLEAN MASSENA BETHPAGE HARRIMAN PEARL RIVER MOUNTAINVILLE ENDICOTT HOPEWELL JUNCTION HORNELL ROCHESTER GRAND ISLAND BROOKLYN BROOKLYN WATERVILLE ROCHESTER BROOKLYN FUUSHING CORNING NISKAYUNA NEW YORK NORWICH FREWSBURG NEW YORK BRONX EAST SYRACUSE POUGHKEEPSIE WAMPSVILLE FRANKLIN SQUARE LOCKPORT WEBSTER STATEN ISLAND HOOSICK FALLS HORSEHEADS GLEN COVE BROCKPORT RENSSELAER	939
45	NYD981484785	TOSHIBA DISPLAY DEVICES, INC. PHOTOCIRCUITS CORPORATION	HORSEHEADS	921
46	NYD096920483	PHOTOCIRCUITS CORPORATION	GLEN COVE	865
47	NYD002221919	JMT PROPERTIES/GENERAL ELECTRIC COMPANY	BROCKPORT	783
48	NYD083626077	NYCOMED INC.	RENSSELAER	732
49	NYD987026135	PORT AUTHORITY OF NY & NJ	STATEN ISLAND	720
50	NYD003907367	WITCO CORPORATION	BROOKLYN	715

370,237

NOTE:

TOTAL

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

NEW YORK

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY CHARACTERISTIC CODES	TONS OF WASTE GENERATED	WASTE HAS ONLY	TONS OF WASTE GENERATED	WASTE HAS BOTH CHARACTERISTIC AND LISTED CODES	TONS OF WASTE GENERATED
ONLY IGNITABLE ONLY CORROSIVE ONLY REACTIVE ONLY D004-17 ONLY D018-43	11,247 1,031 235 68,685 59,676	ONLY AN F CODE ONLY A K CODE ONLY A P CODE ONLY A U CODE	55,998 16,855 219 2,143		
HAS MORE THAN ONE CHARACTERISTIC CODE TOTAL	12,342 153,217	HAS MORE THAN ONE LISTED CODE TOTAL	45,875 121,089	BOTH CHARACTERISTIC & LISTED	145,523

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	6,016			IGN. W/ AT LEAST 1 LSTD	63,470
HAS CORROSIVE CODE	7,621			CORR. W/ AT LEAST 1 LSTD	28,780
HAS REACTIVE CODE	1,055			REACT. W/ AT LEAST 1 LSTD	3,246
HAS D004-D017 CODE	8,287			D004-17 W/ AT LEAST 1 LSTD	98,530
HAS D018-D043 CODE	3,441			D018-43 W/ AT LEAST 1 LSTD	47,993
		HAS AN F CODE	45,835	F WASTE W/ AT LEAST 1 CHAR	142,543
		HAS A K CODE	35,587	K WASTE W/ AT LEAST 1 CHAR	70,859
		HAS A P CODE	10,115	P WASTE W/ AT LEAST 1 CHAR	71,912
		HAS A U CODE	9,817	U WASTE W/ AT LEAST 1 CHAR	93,770
TOTAL	12,342	TOTAL	45,875	TOTAL	145,523

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

NEW YORK

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 73

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 411,616 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

	EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
		CWM CHEMICAL SERVICES, L.L.C.	MODEL CITY	169,947
2	NYD030485288	REVERE SMELTING & REFINING CORPORATION	MIDDLETOWN	134,210
3	NYD002080034	GENERAL ELECTRIC CO	WATERFORD	35,611
4	NYD980592497	EASTMAN KODAK COMPANY	ROCHESTER	32,259
5	NYD080469935	NORLITE CORPORATION	COHOES	22,104
6	NYD066832023	NORLITE CORPORATION GENERAL ELECTRIC CO-PLASTICS	SELKIRK	6,212
7	NYD000824482	OCCIDENTAL CHEMICAL CORP	NIAGARA FALLS	3,099
8	NYD002014595	NEPERA INC	HARRIMAN	2,742
9	NYD002070118	SCHENECTADY INTERNATIONAL INC	ROTTERDAM JUNCTION	2,049
10	NYD054065909	LEDERLE LABS AMERICAN CYANAMID CO	PEARL RIVER	1,551
11	NYD057770109	NORTHEAST ENVIRONMENTAL SERVICES INC	WAMPSVILLE	743
12	NYD980779540	US DEPT. OF ENERGY	WEST VALLEY	576
13	NYD048148175	MERCURY REFINING COMPANY, INC.	ALBANY	416
14	NYD000632372	LAIDLAW ENVIRONMENTAL SERVICES INC	CLARENCE	39
15	NYD091894899	TEXACO INC. FUELS & LUBRICANTS	GLENHAM	25
16	NYD002211324	XEROX CORPORATION	WEBSTER	14
17	NYD057722258	PRIDE SOLVENTS & CHEMICAL CO INC	WEST BABYLON	13
18	NY5890008993	USDOE KNOLLS ATOMIC POWER LABORATORY	BALLSTON SPA	4
19	NYD002240638	REMINGTON ARMS CO. INC.	ILION	2
20	NYD002218436	ELF ATOCHEM NORTH AMERICA INC	PIFFARD	0
21	NY7890008975	BROOKHAVEN NATIONAL LABORATORY	UPTON	0

TOTAL

411,616

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	126,245	30.7	4	19.0
SOLVENTS RECOVERY	M021-M029	1,809	. 4	5	23.8
OTHER RECOVERY	M031-M039	4	.0	2	9.5
INCINERATION	M041-M049	52,066	12.6	8	38.1
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	30,050	7.3	4	19.0
FUEL BLENDING	M061	1,348	.3	2	9.5
STABILIZATION	M111-M119	94,827	23.0	4	19.0
LANDFILL	M132	105,268	25.6	3	14.3
TOTAL		411.616	100.0	21	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	126,245	30.7	4	19.0
LANDFILL	M132	105,268	25.6	3	14.3
STABILIZATION	M111-M119	94,827	23.0	4	19.0
INCINERATION	M041-M049	52,066	12.6	8	38.1
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	30,050	7.3	4	19.0
SOLVENTS RECOVERY	M021-M029	1,809	. 4	5	23.8
FUEL BLENDING	M061	1,348	.3	2	9.5
OTHER RECOVERY	M031-M039	4	.0	2	9.5
TOTAL		411,616	100.0	21	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	M041-M049	52,066	12.6	8	38.1
SOLVENTS RECOVERY	M021-M029	1,809	. 4	5	23.8
METALS RECOVERY (FOR REUSE)	M011-M019	126,245	30.7	4	19.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	30,050	7.3	4	19.0
STABILIZATION	M111-M119	94,827	23.0	4	19.0
LANDFILL	M132	105,268	25.6	3	14.3
FUEL BLENDING	M061	1,348	.3	2	9.5
OTHER RECOVERY	M031-M039	4	.0	2	9.5
TOTAL		411,616	100.0	21	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 1,856

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 221,137 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	F' 1 F".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		OHANIMAMA
		EPA ID	SITE NAME	CITY ROTTERDAM JUNCTION NIAGARA FALLS NORTH HOOSICK CORTLAND AUBURN OLEAN BINGHAMTON MASSENA MODEL CITY BETHPAGE AMITYVILLE MOUNTAINVILLE ENDICOTT HOPEWELL JUNCTION WAMPSVILLE ROCHESTER HORNELL BAY SHORE MASSENA ROCHESTER ROCHESTER ROCHESTER ROCHESTER ROCHESTER ROCHESTER ROCHESTER GRAND ISLAND BROOKLYN BROOKLYN BROOKLYN BROOKLYN AVON WATERVILLE BROOKLYN PEARL RIVER FLUSHING CORNING NISKAYUNA NEW YORK NORWICH NEW YORK	QUANTITY SHIPPED (TONS)
	1	NYD002070118	SCHENECTADY INTERNATIONAL INC	ROTTERDAM JUNCTION	45 536
	2	NYD002070110	OCCIDENTAL CHEMICAL CORP	NIACARA FALLS	17 086
	3	NYD002075620	OCCIDENTAL CHEMICAL CORP FLOMATIC CORPORATION BUCKBEE-MEARS CORTLAND AUBURN STEEL CO. INC.	NORTH HOOSICK	7 010
	4	NVD010783967	BUCKBEE-MEARS CORTLAND	COPTIAND	6 809
	5	NVD066785650	AURIEN STEEL CO INC	AURUPN	6 478
	6	NYD980780928	VANDERHORST CHEM/NYSDEC/REMEDIAL SITE	OLEAN	6.058
			ASHLAND CHEMICAL	BINGHAMTON	5.814
		NYD002245967	REYNOLDS METALS CO ST LAWRENCE RED PLANT	MASSENA	3.821
			CWM CHEMICAL SERVICES, L.L.C.	MODEL CITY	3,458
		NYD002047967	NORTHROP GRUMMAN CORPORATION	BETHPAGE	3,299
	11	NYD000708198	SAFETY KLEEN CORP STAR NEWCO	AMITYVILLE	3,293
	12	NYD001223338	STAR NEWCO	MOUNTAINVILLE	2,949
	13	NYD002233039	INTERNATIONAL BUSINESS MACHINES	ENDICOTT	2,871
			IBM CORPORATION	HOPEWELL JUNCTION	2,786
	15	NYD057770109	NORTHEAST ENVIRONMENTAL SERVICES INC	WAMPSVILLE	2,749
	16	NYD002220804	OLIN CORP	ROCHESTER	2,621
	17	NYP003602216	NYSDEC/SPILL	HORNELL	2,600
	18	NYD082785429	NYSDEC/SPILL CHEMICAL POLLUTION CONTROL INC. ALUMINUM COMPANY OF AMERICA	BAY SHORE	2,208
			ALUMINUM COMPANY OF AMERICA	MASSENA	2,201
		NYD980535116	CITY OF ROCHESTER POLICE AND FIRE ACDY	ROCHESTER	2,189
		NYD980592497	EASTMAN KODAK COMPANY	ROCHESTER	2,081
			FUJISAWA USA INC	GRAND ISLAND	2,030
		NY0000055384	PFIZER INC	BROOKLYN	1,972
			CON ED - THIRD AVENUE SERVICE CENTER	BROOKLYN	1,819
		NYD980753784 NYD980531263	SAFETY KLEEN CORP NYS ELECTRIC & GAS	AVON	1,6/3
			BROOKLYN UNION GAS	MAIEKVILLE	1,032
			LEDERLE LABS AMERICAN CYANAMID CO	DEADI DIVED	1,505
			CON ED-FARRINGTON REGULATING STATION	PEARL RIVER	1,549
			CORNING INC-FALL BROOK PLANT	CORNING	1 533
			US DOE/KNOLLS ATOMIC POWER LABORATORY	NISKAYINA	1.488
			CON ED - WEST 28TH STREET SERVICE CTR	NEW YORK	1,473
		NYD980531396	NYS ELECTRIC & GAS	NORWICH	1.414
			NYC DEPT OF TRANS	NEW YORK	1,375
		NYD041848334	KEYWELL L.L.C. VAC AIR DIVISION	FREWSBURG	1,370
	36	NYD137976247	CON ED - HELLGATE STATION & SUBSTATION	BRONX	1,319
	37	NYD002230902	BRISTOL-MYERS SQUIBB COMPANY	EAST SYRACUSE	1,289
	38	NYD080480734	INTERNATIONAL BUSINESS MACHINES	POUGHKEEPSIE	1,173
	39	NYD002050110	GENZALE PLATING SITE	FRANKLIN SQUARE	1,101
		NYD175773779		LOCKPORT	1,064
			XEROX CORPORATION	WEBSTER	1,062
		NYR000024562	NYS DEPT OF TRANSPORTATION	STATEN ISLAND	1,000
			SAFETY KLEEN CORP	LACKAWANNA HOOSICK FALLS	997
	44	NYD080460215	OAK-MITSUI INC	HOOSICK FALLS	951
	45	NYD981484785	TOSHIBA DISPLAY DEVICES, INC. PHOTOCIRCUITS CORPORATION	HORSEHEADS	924
	40	MYD006072060	PHOTOCIRCUITS CORPORATION SAFETY KLEEN CORP	COHOES	865 832
			SAFETY KLEEN CORP	SYRACUSE	815
			JMT PROPERTIES/GENERAL ELECTRIC COMPANY		783
		NYD002221919 NYD083626077		RENSSELAER	732
	50	1411000000011	NICOMED INC.	KHMODEHMEK	132
-	TOTAL				151 061

171,261

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 26

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 261,477 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

	EPA ID	SITE NAME	CITY 	QUANTITY RECEIVED (TONS)
1	NYD030485288	REVERE SMELTING & REFINING CORPORATION	MIDDLETOWN	120,954
2	NYD049836679	CWM CHEMICAL SERVICES, L.L.C.	MODEL CITY	98,821
3	NYD080469935	NORLITE CORPORATION	CITY MIDDLETOWN MODEL CITY COHOES BINGHAMTON	22,104
4	NYD049253719	TIOTHER AND CHILITECTED	DINGINITION	5,478
5	NYD082785429	CHEMICAL POLLUTION CONTROL INC.	BAY SHORE	2,898
		SAFETY KLEEN CORP		2,620
7	NYD057770109	NORTHEAST ENVIRONMENTAL SERVICES INC	WAMPSVILLE	2,442
8	NYD980753784	SAFETY KLEEN CORP	AVON	1,403
9	NYD077444263	CHEMICAL WASTE DISPOSAL CORP	ASTORIA	947
10	NYD986872869	SAFETY KLEEN CORP	COHOES	610
11	NYD981556541	SAFETY KLEEN CORP	LACKAWANNA	609
			SYRACUSE	584
13	NYD013277454	SOLVENTS & PETROLEUM SERVICE, INC.	SYRACUSE	450
14	NYD048148175	MERCURY REFINING COMPANY, INC. RADIAC RESEARCH CORP OCCIDENTAL CHEMICAL CORP	ALBANY	393
15	NYD049178296	RADIAC RESEARCH CORP	BROOKLYN	367
16	NYD000824482	OCCIDENTAL CHEMICAL CORP	NIAGARA FALLS	362
17	NYD980592497	EASTMAN KODAK COMPANY	ROCHESTER	251
		LAIDLAW ENVIRONMENTAL SERVICES INC		83
19	NYD045662921	THE NDL ORGANIZATION, INC.	PEEKSKILL	25
20	NYD080336241	CECOS INTERNATIONAL, INC.	NIAGARA FALLS	25
		ROCHESTER GAS AND ELECTRIC CORPORATION -		21
		INTERNATIONAL BUSINESS MACHINES		21
23	NYD002211324	XEROX CORPORATION	WEBSTER	3
	NYD002047967	NORTHROP GRUMMAN CORPORATION		3 2
		SCHENECTADY INTERNATIONAL INC		2
26	NYD000705905	CENTRAL HUDSON GAS & ELECTRIC CORP.	HIGHLAND	1

TOTAL

261,477

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	121,346	49.9	4	44.4
INCINERATION	M041-M049	550	. 2	5	55.6
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	22,104	9.1	1	11.1
FUEL BLENDING	M061	1,348	.6	2	22.2
STABILIZATION	M111-M119	85,664	35.3	1	11.1
LANDFILL	M132	11,928	4.9	2	22.2
TOTAL		242.940	100.0	9	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE) STABILIZATION ENERGY RECOVERY (REUSE AS FUEL) LANDFILL FUEL BLENDING INCINERATION	M011-M019 M111-M119 M051-M059 M132 M061 M041-M049	121,346 85,664 22,104 11,928 1,348	49.9 35.3 9.1 4.9 .6	4 1 1 2 2 2 5	44.4 11.1 11.1 22.2 22.2 55.6
TOTAL		242,940	100.0	9	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION METALS RECOVERY (FOR REUSE) FUEL BLENDING LANDFILL ENERGY RECOVERY (REUSE AS FUEL) STABILIZATION	M041-M049 M011-M019 M061 M132 M051-M059 M111-M119	550 121,346 1,348 11,928 22,104 85,664	.2 49.9 .6 4.9 9.1 35.3	5 4 2 2 1	55.6 44.4 22.2 22.2 11.1 11.1
TOTAL		242,940	100.0	9	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 106,438 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 180,651 TONS

1997 WASTE GENERATION

TOTAL GENERATED

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 505

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 66,501 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

PANK	EPA ID	GLAXO WELLCOME INC. AMERISTEEL CORPORATION MALLINCKRODT CHEMICAL INC OCCIDENTAL CHEMICAL CORPORATION SAFETY-KLEEN CORP. HERITAGE ENVIRONMENTAL SERVICES INC TARHEEL WOOD TREATING CO INC SUN CHEMICAL CHALOTTE, NC ALUMINUM COMPANY OF AMERICA /BADIN WORKS GENERAL ELECTRIC COMPANY LILLY INDUSTRIES (USA), INC. ENGLISH RD THE SHERWIN-WILLIAMS CO US MCAS CHERRY POINT SHERWIN-WILLIAMS DIVERSIFIED BRANDS KEMET ELECTRONICS CORPORATION GENCORP PRINTWORLD HOECHST CELANESE POLYSTER	CITY	(TONS)
IVAIVIC	EFA ID	SILE NAME	C111	(10N5)
1	NCD047373766	GLAXO WELLCOME INC	GREENVILLE	8.543
2	NCD093340487	AMERISTEEL CORPORATION	CHARLOTTE	5.196
3	NCD042091975	MALLINCKRODT CHEMICAL INC	RALEIGH	2.917
4	NCD057454670	OCCIDENTAL CHEMICAL CORPORATION	CASTLE HAYNE	2.656
5	NCD079060059	SAFETY-KLEEN CORP.	CHARLOTTE	2.441
6	NCD121700777	HERITAGE ENVIRONMENTAL SERVICES INC	CHARLOTTE	2,093
7	NCD982077802	TARHEEL WOOD TREATING CO INC	MORRISVILLE	1,585
8	NCD990868168	SUN CHEMICAL CHARLOTTE, NC	CHARLOTTE	1,277
9	NCD003162542	ALUMINUM COMPANY OF AMERICA /BADIN WORKS	BADIN	1,256
10	NCD057037194	GENERAL ELECTRIC COMPANY	MEBANE	1,231
11	NCD003232030	LILLY INDUSTRIES (USA), INC. ENGLISH RD	HIGH POINT	1,110
12	NCD071561864	THE SHERWIN-WILLIAMS CO	GREENSBORO	883
13	NC1170027261	US MCAS CHERRY POINT	CHERRY POINT	860
14	NCD003214319	SHERWIN-WILLIAMS DIVERSIFIED BRANDS	GREENSBORO	804
15	NCD038547519	KEMET ELECTRONICS CORPORATION GENCORP PRINTWORLD HOECHST CELANESE POLYSTER FREIGHTLINER CORPORATION	SHELBY	651
16	NCD086872082	GENCORP PRINTWORLD	MONROE	650
17	NCD990734055	HOECHST CELANESE POLYSTER FREIGHTLINER CORPORATION E.I. DUPONT & CO FAYETTEVILLE WORKS FREIGHTLINER CORP CLEVELAND TMP	WILMINGTON	647
18	NCD091245498	FREIGHTLINER CORPORATION	MOUNT HOLLY	634
19	NCD047368642	E.I. DUPONT & CO FAYETTEVILLE WORKS	FAYETTEVILLE	626
20	NCD018652339	FREIGHTLINER CORP CLEVELAND TMP	CLEVELAND	584
21	NCD041466525	AMOCO FABRICS & FIBERS	ROCKY MOUNT	579
22	NCD127257673	TAKEDA CHEMICAL PRODUCTS USA, INC.	WILMINGTON	569
23	NCD001810365	AMOCO FABRICS & FIBERS TAKEDA CHEMICAL PRODUCTS USA, INC. CLARIANT CORP-MT HOLLY EAST	CHARLOTTE	549
24	NCD053491221	LILLY INDUSTRIES (USA), INC. BREVARD RD	HIGH POINT	544
25	NCD041048448	REXAM INC CUSTOM DIVISION	MATTHEWS	541
26	NCD982140329	ENGINEERED CONTROLS INTERNATIONAL INC	WHITSETT	529
27	NCD986166429	FMC CORP/LITHIUM DIV/SO UNIT	BESSEMER CITY	524
28	NCD041415019	VALSPAR COATINGS (HIGH POINT FACILITY)	HIGH POINT	490
29	NCD062567623	HENKEL CORP	CHARLOTTE	460
30	NCD067427922	MOEN INC.	SANFORD	460
31	NCD067441394	RJ REYNOLDS TOBACCO CO	WINSTON SALEM	428
32	NCD024766719	WRIGHT CORPORATION - ACME, NC	RIEGELWOOD	416
33	NCD084170570	BALL-FOSTER GLASS CONTAINER CO., L.L.C.	WILSON	406
34	NCD048467427	CHEMICAL SPECIALTIES INC	HARRISBURG	391
35	NCD067181818	BAYER COPORATION	CLAYTON	390
30	NCD991278680	REAL THE COSTON DIVISION ENGINEERED CONTROLS INTERNATIONAL INC FMC CORP/LITHIUM DIV/SO UNIT VALSPAR COATINGS (HIGH POINT FACILITY) HENKEL CORP MOEN INC. RJ REYNOLDS TOBACCO CO WRIGHT CORPORATION - ACME, NC BALL-FOSTER GLASS CONTAINER CO., L.L.C. CHEMICAL SPECIALTIES INC BAYER COPORATION CHEMCRAFT INTERNATIONAL KONICA MANUFACTURING U.S.A., INC.	WINSTON SALEM	371
3/	NCD982114373	BALL-FOSTER GLASS CONTAINER CO., L.L.C. CHEMICAL SPECIALTIES INC BAYER COPORATION CHEMCRAFT INTERNATIONAL KONICA MANUFACTURING U.S.A., INC. AKZO NOBEL COATINGS INC US COAST GUARD SUPPORT CENTER AMERICAN NATIONAL CAN DANAHER TOOL GROUP PROCTER & GAMBLE MFG CO GENERAL WOOD PRESERVING COMPANY INC	WHITSEIT	345 341
30	MCD000330301	ARZU NUBEL CUAIINGS INC	HIGH POINT	337
10	NC2090300232	OS COASI GUARD SUPPORT CENTER	FUIZABEIH CIII	327
41	NCD049774979	DANAUED TOOL COOLD	CACTONIA	327
12	NCD003003004	DENOTED & CAMBIE MEC CO	CDFFNCDODO	315
12	NCD003237903	CENEDAL MOOD DESCEDANC COMPANY INC	T FT AND	275
11	NCD093137030	DDOVUTII DIDNITTIDE THOS THE COMOVED	CONOVED	262
45	NCD000277293	DANAHER TOOL GROUP PROCTER & GAMBLE MFG CO GENERAL WOOD PRESERVING COMPANY, INC. BROYHILL FURNITURE INDS INC CONOVER PIEDMONT CHEMICAL INDUSTRIES I, LLC DETREX CORPORATION	HICH DOINT	253
46	NCD049773245	DETREX CORPORATION	CHARLOTTE	253
47	NCD000623116	NATIONAL STARCH & CHEMICAL CO	SALTSBURY	253
48	NCD097363527	WATTS REGULATOR REGTROL/WACASCO	SPINDALE	246
49	NCD067200949	NATIONAL STARCH & CHEMICAL CO WATTS REGULATOR REGTROL/WACASCO CROFT METALS INC EASCO ALUMINUM	LUMBER BRIDGE	245
50	NCD045924487	EASCO ALUMINUM	WINTON	239
			-	_3,

48,307

NOTE:

TOTAL

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	4,702	ONLY AN F CODE	9,864		
ONLY CORROSIVE	382	ONLY A K CODE	9,087		
ONLY REACTIVE	79	ONLY A P CODE	19		
ONLY D004-17	6,311	ONLY A U CODE	273		
ONLY D018-43	876				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	8,108	LISTED CODE	387		
TOTAL	20,457	TOTAL	19,630	BOTH CHARACTERISTIC & LISTED	26,414

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	5,019			IGN. W/ AT LEAST 1 LSTD	22,420
HAS CORROSIVE CODE	1,710			CORR. W/ AT LEAST 1 LSTD	382
HAS REACTIVE CODE	894			REACT. W/ AT LEAST 1 LSTD	1,281
HAS D004-D017 CODE	6,123			D004-17 W/ AT LEAST 1 LSTD	3,412
HAS D018-D043 CODE	6,220			D018-43 W/ AT LEAST 1 LSTD	7,652
		HAS AN F CODE	387	F WASTE W/ AT LEAST 1 CHAR	25,893
		HAS A K CODE	269	K WASTE W/ AT LEAST 1 CHAR	93
		HAS A P CODE	1	P WASTE W/ AT LEAST 1 CHAR	171
		HAS A U CODE	119	U WASTE W/ AT LEAST 1 CHAR	302
TOTAL	8,108	TOTAL	387	TOTAL	26,414

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 100

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 15,674 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
	NCD047272766	GLAXO WELLCOME INC.	GREENVILLE	5,954
	NCD003152642	CAROLINA SOLITE CORPORATION	NORWOOD	
				5,350
-	NCD042091975	MALLINCKRODT CHEMICAL INC	RALEIGH	2,642
_	NCD049773245	DETREX CORPORATION	CHARLOTTE	532
			LUMBER BRIDGE	404
		INTERNATIONAL PAPER CARTON PLANT #24		390
	NCD056750003		WASHINGTON	110
	NCD038547519	KEMET ELECTRONICS CORPORATION	SHELBY	60
9	NCD066303728	LEA INDUSTRIES	WAYNESVILLE	59
		E.I. DUPONT & CO FAYETTEVILLE WORKS	FAYETTEVILLE	43
11	NCD067178707	FAWN INDUSTRIES	MIDDLESEX	32
12	NCD980840177	HICKORY CHAIR CO WOOD PRODUCTS PLANT	CONOVER	30
13	NCD000830737	NORTH CAROLINA STATE UNIVERSITY	RALEIGH	17
14	NC2750890004	NATL INST OF ENVIRON HEALTH SCIENCES	RTP	16
15	NCD044440642	HICKORY CHAIR CO PLANT 7	HICKORY	13
16	NCD065655599	GLAXO WELLCOME INC NORTH CAMPUS	RESEARCH TRIANGLE PARK	9
17	NCD053487765	STRATFORD METAL FINISHING INC	WINSTON-SALEM	4
18	NCD980842132	ECOFLO INC	GREENSBORO	4
19	NCD003156940	PNEUMAFIL CORP C.R. HARRIS PLAN	CHARLOTTE	3
20	NCD048183768	LABORATORY CORPORATION OF AMERICA	BURLINGTON	1
21	NCD044438406	LITTON SYSTEMS INC CLIFTON PRECISION	MURPHY	1
22	NCD982170292	ENVIROCHEM ENVIRONMENTAL SERVICES, INC.	APEX	0
23	NCD033999764	WALTER KIDDE AEROSPACE	WILSON	0

TOTAL 15,674

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT APPROPRIES	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	61	. 4	2	8.7
SOLVENTS RECOVERY	M021-M029	1,217	7.8	12	52.2
INCINERATION	M041-M049	5,979	38.1	4	17.4
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	7,992	51.0	2	8.7
FUEL BLENDING	M061	21	.1	2	8.7
SLUDGE TREATMENT	M101-M109	405	2.6	2	8.7
TOTAL		15,674	100.0	23	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL) INCINERATION SOLVENTS RECOVERY SLUDGE TREATMENT METALS RECOVERY (FOR REUSE) FUEL BLENDING	M051-M059 M041-M049 M021-M029 M101-M109 M011-M019 M061	7,992 5,979 1,217 405 61 21	51.0 38.1 7.8 2.6 .4	2 4 12 2 2 2	8.7 17.4 52.2 8.7 8.7 8.7
TOTAL		15,674	100.0	23	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	OUANTITY	FACILITIES	FACILITIES
SOLVENTS RECOVERY	M021-M029	1,217	7.8	12	52.2
INCINERATION	M041-M049	5,979	38.1	4	17.4
FUEL BLENDING	M061	21	.1	2	8.7
METALS RECOVERY (FOR REUSE)	M011-M019	61	. 4	2	8.7
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	7,992	51.0	2	8.7
SLUDGE TREATMENT	M101-M109	405	2.6	2	8.7
TOTAL		15,674	100.0	23	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

QUANTITY

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 494

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 75,758 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME ASHLAND CHEMICAL COMPANY-CHARLOTTE, N.C. ECOFLO INC OLDOVER CORPORATION - NORWOOD, NC AMERISTEEL CORPORATION HERITAGE ENVIRONMENTAL SERVICES INC OCCIDENTAL CHEMICAL CORPORATION SAFETY-KLEEN CORP. SAFETY-KLEEN CORP. SAFETY-KLEEN CORP. ALUMINUM COMPANY OF AMERICA /BADIN WORKS GENERAL ELECTRIC COMPANY SUN CHEMICAL CHARLOTTE, NC SAFETY-KLEEN CORP. THE SHERWIN-WILLIAMS CO US MCAS CHERRY POINT SHERWIN-WILLIAMS DIVERSIFIED BRANDS GLAXO WELLCOME INC. KEMET ELECTRONICS CORPORATION HOECHST CELANESE POLYSTER	CITY	SHIPPED (TONS)
1	NCD061263315	ASHLAND CHEMICAL COMPANY-CHARLOTTE, N.C.	CHARLOTTE	7,682
2	NCD980842132	ECOFLO INC	GREENSBORO	6,666
3	NCD000773655	OLDOVER CORPORATION - NORWOOD, NC	NOWOOD	5,836
4	NCD093340487	AMERISTEEL CORPORATION	CHARLOTTE	5,119
5	NCD121700777	HERITAGE ENVIRONMENTAL SERVICES INC	CHARLOTTE	3,001
6	NCD057454670	OCCIDENTAL CHEMICAL CORPORATION	CASTLE HAYNE	2,656
7	NCD077840148	SAFETY-KLEEN CORP.	ARCHDALE	2,324
8	NCD079060059	SAFETY-KLEEN CORP.	CHARLOTTE	1,574
9	NCD000776740	SAFETY-KLEEN CORP.	RALEIGH	1,569
10	NCD003162542	ALUMINUM COMPANY OF AMERICA /BADIN WORKS	BADIN	1,297
11	NCD057037194	GENERAL ELECTRIC COMPANY	MEBANE	1,230
12	NCD990868168	SUN CHEMICAL CHARLOTTE, NC	CHARLOTTE	1,012
13	NCD980846935	SAFETY-KLEEN CORP.	ST. PAUL	944
14	NCD071561864	THE SHERWIN-WILLIAMS CO	GREENSBORO	883
15	NC1170027261	US MCAS CHERRY POINT	CHERRY POINT	847
16	NCD003214319	SHERWIN-WILLIAMS DIVERSIFIED BRANDS	GREENSBORO	804
1/	NCDU4/3/3/66	GLAXO WELLCOME INC.	GREENVILLE	656
18	NCD03854/519	KEMET ELECTRONICS CORPORATION	SHELBY	651
19	NCD990/34055	HOECHST CELANESE POLYSTER	WILMINGTON	645
20	NCDU4/368642	E.I. DUPONT & CO FAYETTEVILLE WORKS	FAYETTEVILLE	587 579
21	NCDU41400525	AMOCO FABRICS & FIBERS	ROCKI MOUNI	569
22	NCD12/25/0/3	DEVAN INC. CHEMICAL PRODUCTS USA, INC.	MITMINGION	551
2.4	NCD041046446	CLADIANT CODD MT HOLLY EACH	CHARLOTTE	549
24	NCD001010303	EMC CODD / I TRUTIM DIV/CO INTR	CHARLOTTE DECCEMED CITY	524
25	NCD980100429	FNC CORP/LITHIUM DIV/SO UNII FNCINFEPED CONTROLS INTERNATIONAL INC	MHITTOFTT	518
27	NCD041415019	VALSDAR COATINGS (HIGH DOINT FACILITY)	HICH DOINT	490
28	NCD062567623	GENERAL ELECTRIC COMPANY SUN CHEMICAL CHARLOTTE, NC SAFETY-KLEEN CORP. THE SHERWIN-WILLIAMS CO US MCAS CHERRY POINT SHERWIN-WILLIAMS DIVERSIFIED BRANDS GLAXO WELLCOME INC. KEMET ELECTRONICS CORPORATION HOECHST CELANESE POLYSTER E.I. DUPONT & CO FAYETTEVILLE WORKS AMOCO FABRICS & FIBERS TAKEDA CHEMICAL PRODUCTS USA, INC. REXAM INC CUSTOM DIVISION CLARIANT CORP-MT HOLLY EAST FMC CORP,LITHIUM DIV/SO UNIT ENGINEERED CONTROLS (HIGH POINT FACILITY) HENKEL CORP	CHARLOTTE	459
29	NCD086872082	HENKEL CORP GENCORP PRINTWORLD	MONROE	458
30	NCD067427922	MOEN INC	SANFORD	457
31	NCD067441394	MOEN INC. RJ REYNOLDS TOBACCO CO	WINSTON SALEM	428
32	NCD053491221	LILLY INDUSTRIES (USA), INC. BREVARD RD	HIGH POINT	420
33	NCD024766719	WRIGHT CORPORATION - ACME, NC CHEMICAL SPECIALTIES INC BALL-FOSTER GLASS CONTAINER CO., L.L.C.	RIEGELWOOD	416
34	NCD048467427	CHEMICAL SPECIALTIES INC	HARRISBURG	416
35	NCD084170570	BALL-FOSTER GLASS CONTAINER CO., L.L.C.	WILSON	406
36	NCD018652339	FREIGHTLINER CORP CLEVELAND TMP	CLEVELAND	405
		BAYER COPORATION	CLAYTON	390
38	NCD003232030	LILLY INDUSTRIES (USA), INC. ENGLISH RD	HIGH POINT	386
39	NCD085083004	DANAHER TOOL GROUP	GASTONIA	376
40	NCD091245498	FREIGHTLINER CORPORATION	MOUNT HOLLY	374
41	NCD006390561	AKZO NOBEL COATINGS INC	HIGH POINT	374
42	NCD991278680	CHEMCRAFT INTERNATIONAL	WINSTON SALEM	371
43	NCD982114373	KONICA MANUFACTURING U.S.A., INC.	WHITSETT	347
44	NC2690308232	LILLY INDUSTRIES (USA), INC. ENGLISH RD DANAHER TOOL GROUP FREIGHTLINER CORPORATION AKZO NOBEL COATINGS INC CHEMCRAFT INTERNATIONAL KONICA MANUFACTURING U.S.A., INC. US COAST GUARD SUPPORT CENTER PROCTER & GAMBLE MFG CO GENERAL WOOD PRESERVING COMPANY, INC. PIEDMONT CHEMICAL INDUSTRIES I, LLC GRAPHIC PACKAGING DETREX CORPORATION	ELIZABETH CITY	335
45	NCD003237963	PROCTER & GAMBLE MFG CO	GREENSBORO	315
46	NCD093137636	GENERAL WOOD PRESERVING COMPANY, INC.	LELAND	275
47	NCD003215779	PIEDMONT CHEMICAL INDUSTRIES I, LLC	HIGH POINT	259
48	NCD982092041	GRAPHIC PACKAGING DETREX CORPORATION	CHARLOTTE	259
49	NCD049773245	DETREX CORPORATION		253
50	NCD000623116	NATIONAL STARCH & CHEMICAL CO	SALISBURY	253

TOTAL 58,192

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 15

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 26,357 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

			SITE NAME	CITY	QUANTITY RECEIVED (TONS)
-					
	1	NCD000648451	LAIDLAW ENVIRONMENTAL SERVICES (TS), INC	REIDSVILLE	7,375
	2	NCD003152642	CAROLINA SOLITE CORPORATION	NORWOOD	5,350
	3	NCD000773655	OLDOVER CORPORATION - NORWOOD, NC	NOWOOD	4,938
	4	NCD980842132	ECOFLO INC	GREENSBORO	4,015
	5	NCD061263315	ASHLAND CHEMICAL COMPANY-CHARLOTTE, N.C.	CHARLOTTE	3,353
	6	NCD049773245	DETREX CORPORATION	CHARLOTTE	532
	7	NCD982170292	ENVIROCHEM ENVIRONMENTAL SERVICES, INC.	APEX	526
	8	NCD052547635	GLAXO WELLCOME INC SOUTH CAMPUS	RESEARCH TRIANGLE PARK	66
	9	NCD047373766	GLAXO WELLCOME INC.	GREENVILLE	55
	10	NCD000771964	FMC CORP/LITHIUM DIV	BESSEMER CITY	41
	11	NCD982093783	UNIV. NORTH CAROLINA AT CHAPEL HILL	CHAPEL HILL	40
	12	NC8210020121	XVIII AIRBORNE CORP AND FORT BRAGG	FORT BRAGG	37
	13	NC6170022580	US MARINE CORP CAMP LEJEUNE	CAMP LEJEUNE	15
	14	NCD065655599	GLAXO WELLCOME INC NORTH CAMPUS	RESEARCH TRIANGLE PARK	9
	15	NCD000830737	NORTH CAROLINA STATE UNIVERSITY	RALEIGH	6

TOTAL 26,357

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES	
METALS RECOVERY (FOR REUSE) SOLVENTS RECOVERY	M011-M019 M021-M029	0 532	.0 8.9	1 1	14.3 14.3	
INCINERATION	M041-M049	59	1.0	2	28.6	
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	5,350	90.0	1	14.3	
FUEL BLENDING	M061	4	.1	2	28.6	
TOTAL		5,945	100.0	7		

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	5,350	90.0	1	14.3
SOLVENTS RECOVERY	M021-M029	532	8.9	1	14.3
INCINERATION	M041-M049	59	1.0	2	28.6
FUEL BLENDING	M061	4	.1	2	28.6
METALS RECOVERY (FOR REUSE)	M011-M019	0	.0	1	14.3
TOTAL		5,945	100.0	7	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	4	.1	2	28.6
INCINERATION	M041-M049	59	1.0	2	28.6
METALS RECOVERY (FOR REUSE)	M011-M019	0	.0	1	14.3
SOLVENTS RECOVERY	M021-M029	532	8.9	1	14.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	5,350	90.0	1	14.3
TOTAL		5,945	100.0	7	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED. COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 12,925 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 60,867 TONS

1997 WASTE GENERATION

TOTAL CENTERATED

2,686

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 16

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 2,686 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	SITE NAME	CITY	(TONS)
1	NDD006175467	AMOCO OIL CO - MANDAN REFINERY	MANDAN	1,565
2	NDD000716738	SAFETY-KLEEN CORP - FARGO	FARGO	358
3	NDD980957070	SAFETY-KLEEN CORP - BISMARCK	BISMARCK	291
4	NDD982591794	WASTE RECOVERY SERVICES INC	BELFIELD	82
5	NDD167721265	HEALTH CARE INCINERATORS	FARGO	70
6	NDD053426565	LUCAS AEROSPACE CARGO SYSTEMS	JAMESTOWN	66
7	NDD084497775	IMATION CORP	WAHPETON	59
8	NDD051439743	INDUSTRIAL PLATING CORP	WAHPETON	39
9	NDD000690594	DAKOTA GASIFICATION CO	BEULAH	37
10	NDD031875719	WIL-RICH, A DIVISION OF TIC UNITED CORP	WAHPETON	36
11	ND0000479071	MOTOR COACH IND - PAINT SHOP	PEMBINA	29
12	NDD986267938	TECTON PRODUCTS	FARGO	21
13	ND3571924759	GRAND FORKS AIR FORCE BASE	GRAND FORKS	19
14	ND4571924758	MINOT AIR FORCE BASE	MINOT	9
15	NDD990872590	CASE CORPORATION	FARGO	6
TOTAL				

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	3	ONLY AN F CODE	33		
ONLY CORROSIVE	4	ONLY A K CODE	12		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	169	ONLY A U CODE	0		
ONLY D018-43	56				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	899	LISTED CODE	1,227		
TOTAL	1,131	TOTAL	1,271	BOTH CHARACTERISTIC & LISTED	283

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	793			IGN. W/ AT LEAST 1 LSTD	176
HAS CORROSIVE CODE	259			CORR. W/ AT LEAST 1 LSTD	1
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	896			D004-17 W/ AT LEAST 1 LSTD	180
HAS D018-D043 CODE	635			D018-43 W/ AT LEAST 1 LSTD	177
		HAS AN F CODE	1,227	F WASTE W/ AT LEAST 1 CHAR	283
		HAS A K CODE	1,227	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	17
TOTAL	899	TOTAL	1,227	TOTAL	283

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES:

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 1,188 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK EPA ID	SITE NAME	CITY	MANAGED
1 NDD006175467	AMOCO OIL CO - MANDAN REFINERY	MANDAN	1,105
2 NDD982591794	WASTE RECOVERY SERVICES INC	BELFIELD	77
3 NDD000690594	DAKOTA GASIFICATION CO	BEULAH	4
4 ND3571924759	GRAND FORKS AIR FORCE BASE	GRAND FORKS	1

TOTAL

1,188

TONS OF WASTE

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE. FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	0	.0	2	50.0
INCINERATION	M041-M049	9	.8	2	50.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	5	. 4	2	50.0
FUEL BLENDING	M061	61	5.1	2	50.0
SLUDGE TREATMENT	M101-M109	1,105	93.1	1	25.0
LANDFILL	M132	8	.7	1	25.0
TOTAL		1,188	100.0	4	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SLUDGE TREATMENT	M101-M109	1,105	93.1	1	25.0
FUEL BLENDING	M061	61	5.1	2	50.0
INCINERATION	M041-M049	9	.8	2	50.0
LANDFILL	M132	8	.7	1	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	5	. 4	2	50.0
METALS RECOVERY (FOR REUSE)	M011-M019	0	.0	2	50.0
TOTAL		1,188	100.0	4	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
FUEL BLENDING	M061	61	5.1	2	50.0
METALS RECOVERY (FOR REUSE)	M011-M019	0	.0	2	50.0
INCINERATION	M041-M049	9	.8	2	50.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	5	. 4	2	50.0
LANDFILL	M132	8	.7	1	25.0
SLUDGE TREATMENT	M101-M109	1,105	93.1	1	25.0
TOTAL		1,188	100.0	4	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 15

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 1,553 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
				,
1	NDD006175467	AMOCO OIL CO - MANDAN REFINERY	MANDAN	459
2	NDD000716738	SAFETY-KLEEN CORP - FARGO	FARGO	384
3	NDD980957070	SAFETY-KLEEN CORP - BISMARCK	BISMARCK	268
4	NDD982591794	WASTE RECOVERY SERVICES INC	BELFIELD	82
5	NDD167721265	HEALTH CARE INCINERATORS	FARGO	70
6	NDD053426565	LUCAS AEROSPACE CARGO SYSTEMS	JAMESTOWN	66
7	NDD084497775	IMATION CORP	WAHPETON	59
8	NDD051439743	INDUSTRIAL PLATING CORP	WAHPETON	39
9	NDD031875719	WIL-RICH, A DIVISION OF TIC UNITED CORP	WAHPETON	36
10	ND0000479071	MOTOR COACH IND - PAINT SHOP	PEMBINA	29
11	NDD986267938	TECTON PRODUCTS	FARGO	21
12	ND3571924759	GRAND FORKS AIR FORCE BASE	GRAND FORKS	19
13	ND4571924758	MINOT AIR FORCE BASE	MINOT	8
14	NDD000690594	DAKOTA GASIFICATION CO	BEULAH	6
15	NDD990872590	CASE CORPORATION	FARGO	6
TOTAL	ı			

1,553

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 5

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 654 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	NDD000716738	SAFETY-KLEEN CORP - FARGO	FARGO	340
2	NDD980957070	SAFETY-KLEEN CORP - BISMARCK	BISMARCK	236
3	NDD982591794	WASTE RECOVERY SERVICES INC	BELFIELD	77
4	ND3571924759	GRAND FORKS AIR FORCE BASE	GRAND FORKS	1
5	ND4571924758	MINOT AIR FORCE BASE	MINOT	0

TOTAL 654

NOTE:

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	0	.2	2	100.0
INCINERATION	M041-M049	9	12.1	2	100.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	0	.1	1	50.0
FUEL BLENDING	M061	61	77.7	2	100.0
LANDFILL	M132	8	9.9	1	50.0
TOTAL		78	100.0	2	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	61	77.7	2	100.0
INCINERATION	M041-M049	9	12.1	2	100.0
LANDFILL	M132	8	9.9	1	50.0
METALS RECOVERY (FOR REUSE)	M011-M019	0	. 2	2	100.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	0	.1	1	50.0
TOTAL		78	100.0	2	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	61	77.7	2	100.0
METALS RECOVERY (FOR REUSE)	M011-M019	0	. 2	2	100.0
INCINERATION	M041-M049	9	12.1	2	100.0
LANDFILL	M132	8	9.9	1	50.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	0	.1	1	50.0
TOTAL		78	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED. COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 264 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 1,547 TONS

1997 WASTE GENERATION

TOTAL GENERATED

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 1,271

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 1,693,247 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

DANIZ	מד גמש	CITE NAME	CITY	(TONG)
	EPA ID	SITE NAME	CIII	(IONS)
		BP CHEMICALS INC		1 001 270
		AK STEEL CORPORATION MIDDLETOWN WORKS	TIMA	1,001,278
		SYSTECH ENVIRONMENTAL CORP	MIDDLEIOMN	114,688
		SYSTECH ENVIRONMENTAL CORP	PAULDING	61,049
		ARISTECH CHEMICAL CORPORATION	HAVERHILL	50,896
	OHD004341509	CYTEC INDUSTRIES INC	MARIE'I'I'A	33,503
	OHD004228003	REPUBLIC ENG STEELS CANTON PLANT	CANTON	25,432
	OHD980613541	VON ROLL AMERICA, INC.	EAST LIVERPOOL	21,339
	OHD093945293	CWM RESOURCE RECOVERY INC	WEST CARROLLTON	18,598
	OHD004465100	TIMKEN COMPANY	CANTON	16,760
	OHD001926740	REPUBLIC ENG STEELS CANTON PLANT VON ROLL AMERICA, INC. CWM RESOURCE RECOVERY INC TIMKEN COMPANY HUKILL CHEMICAL CORPORATION NORTH EAST CHEMICAL CORP.	BEDFORD	15,473
	OHD980681571	NORTH EAST CHEMICAL CORP.	CLEVELAND	14,197
	OHD00415/418	ARMCO INC MANSFIELD OPERATIONS	MANSFIELD	12,425
13	OHR000025635	DOMINION HOMES, INC.	GALLOWAY	12,000
14	OHD048415665	ROSS INCINERATION SERVICES INC	GALLOWAY GRAFTON LIMA PAINESVILLE DELTA	9,882
15	OHD987054657	AKZO NOBEL CHEMICALS INC.	LIMA	9,629
16	OHD004172623	LUBRIZOL CORPORATION	PAINESVILLE	8,828
17	OHR000002279	NORTH STAR BHP STEEL LLC	DELTA	8,702
18	OHD020273819	WASTE MANAGEMENT OF OHIO INC	VICKERY	8,303
19	OHD980587364	SAFETY-KLEEN CORP HEBRON	HEBRON	7,765
20	OHD980897656	CHEMICAL SOLVENTS INC.	CLEVELAND	7,360
21	OHD016077802	NORTH STAR STEEL OHIO	YOUNGSTOWN	6,865
22	OHD032271975	MARION STEEL COMPANY	MARION	6,568
23	OHD048782049	DOMINION HOMES, INC. ROSS INCINERATION SERVICES INC AKZO NOBEL CHEMICALS INC. LUBRIZOL CORPORATION NORTH STAR BHP STEEL LLC WASTE MANAGEMENT OF OHIO INC SAFETY-KLEEN CORP HEBRON CHEMICAL SOLVENTS INC. NORTH STAR STEEL OHIO MARION STEEL COMPANY MIDWEST GUARDIAN INC. LTV STEEL CO INC CLEVELAND EAST	MARION WAPAKONETA	5,771
24	OHD004218673	LTV STEEL CO INC CLEVELAND EAST	CLEVELAND	5,750
25	OHD004379970	ORMET PRIMARY ALUMINUM CORPORATION	HANNIBAL	5,172
26	OHR000007773	CSC LTD	WARREN	5,069
27	OHD043736644	THOMSON CONSUMER ELECTRONICS INC	CIRCLEVILLE	5,044
28	OHR000019794	DESHLER LEAD SITE (STEWART PROPERTY)	DESHLER	5,017
29	OHD083377010	ENVIRONMENTAL ENTERPRISES INC	CINCINNATI	4,673
30	OHD004304689	ENVIRONMENTAL ENTERPRISES INC PPG INDUSTRIES INC RESEARCH OIL COMPANY	CIRCLEVILLE	4,599
31	OHD004178612	RESEARCH OIL COMPANY	CLEVELAND	4,354
32	OHD005057542	BP OIL CO - TOLEDO REFINERY BASF CORPORATION EAGLEBROOK INC	OREGON	4,312
33	OHD076796887	BASF CORPORATION	GREENVILLE	4,235
34	OHD000724088	EAGLEBROOK INC	CLEVELAND	3,103
35	OHD005051826	BP OIL CO - LIMA REFINERY	T.TMA	3,071
36	OHD004343117	SHELL CHEMICAL COMPANY	BELPRE	3,040
37	OHD087433744	CECOS INTERNATIONAL	WILLTAMSBURG	2,702
38	OHD986988954	EAGLEBROOK INC BP OIL CO - LIMA REFINERY SHELL CHEMICAL COMPANY CECOS INTERNATIONAL M.A. HARRISON MFG CO INC	BIRMINGHAM	2,604
39	OHD046430328	SHERWIN-WILLIAMS CO COLUMBUS PLANT	COLUMBUS	2,571
	OHD005041843	DUPONT AP TOLEDO PLANT	TOLEDO	2,557
		LTV STEEL CO INC CLEVELAND WEST	CLEVELAND	2,414
42	OHT400010815	TECHNEGLAS INC	COLUMBUS	2,346
	OHD000816629	SPRING GROVE RESOURCE RECOVERY INC	CINCINNATI	2,344
	OHD000721803	ISP FINE CHEMICALS INC	CITY LIMA MIDDLETOWN PAULDING HAVERHILL MARIETTA CANTON EAST LIVERPOOL WEST CARROLLTON CANTON BEDFORD CLEVELAND MANSFIELD GALLOWAY GRAFTON LIMA PAINESVILLE DELTA VICKERY HEBRON CLEVELAND YOUNGSTOWN MARION WAPAKONETA CLEVELAND HANNIBAL WARREN CIRCLEVILLE DESHLER CINCINNATI CIRCLEVILLE CLEVELAND OREGON GREENVILLE CLEVELAND LIMA BELPRE WILLIAMSBURG BIRMINGHAM COLUMBUS TOLEDO CLEVELAND COLUMBUS CINCINCATI COLUMBUS MARYSVILLE DAYTON TOLEDO CLEVELAND AVON LAKE ADDYSTON	2,323
	OHD000721005	INDUSTRIAL RECOVERY CAPITAL CO OF OHIO	MARYSVII.I.E	2,268
	OHD004495545	OUALITY CHEMICALS INC	DAYTON	2,200
		BEAZER EAST INC	TOLEDO	2,091
		PPG INDUSTRIES	CI.EVELAND	2,073
	OHD020626669	FORD MOTOR COMPANY OHIO ASSEMBLY PLANT	AMON LAKE	2,008
	OHD020020009	BAYER CORPORATION - POLYMERS DIVISION	ADDYSTON	1,948
50	0110004733003	DATER CORPORATION - FORTHERS DIVISION	ADD IO IOM	1,940

TOTAL 1,567,126

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	15,645	ONLY AN F CODE	16,225		
ONLY CORROSIVE	77,260	ONLY A K CODE	948,097		
ONLY REACTIVE	88	ONLY A P CODE	. 3		
ONLY D004-17	62,780	ONLY A U CODE	2,608		
ONLY D018-43	20,209				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	37,960	LISTED CODE	80,886		
TOTAL	213.942	TOTAL	1.047.820	BOTH CHARACTERISTIC & LISTED	431.485

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	23,469			IGN. W/ AT LEAST 1 LSTD	220,252
HAS CORROSIVE CODE	15,315			CORR. W/ AT LEAST 1 LSTD	174,382
HAS REACTIVE CODE	3,966			REACT. W/ AT LEAST 1 LSTD	26,129
HAS D004-D017 CODE	23,261			D004-17 W/ AT LEAST 1 LSTD	177,864
HAS D018-D043 CODE	21,930			D018-43 W/ AT LEAST 1 LSTD	283,032
		HAS AN F CODE	1,204	F WASTE W/ AT LEAST 1 CHAR	269,057
		HAS A K CODE	80,809	K WASTE W/ AT LEAST 1 CHAR	281,074
		HAS A P CODE	76	P WASTE W/ AT LEAST 1 CHAR	36,742
		HAS A U CODE	79,772	U WASTE W/ AT LEAST 1 CHAR	148,205
TOTAL	37,960	TOTAL	80,886	TOTAL	431,485

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 52

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 1,739,368 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1	OHD042157644	BP CHEMICALS INC	 LIMA	1,001,101
	OHD045243706	ENVIROSAFE SERVICES OF OHIO INC		213,669
3	OHD020273819	WASTE MANAGEMENT OF OHIO INC	VICKERY	126,722
4	OHD987048733	LAFARGE CORPORATION	PAULDING	56,247
5	OHD005048947	SYSTECH ENVIRONMENTAL CORP	PAULDING	53,557
6	OHD980613541	VON ROLL AMERICA, INC.	EAST LIVERPOOL	47,847
7	OHD005108477	ARISTECH CHEMICAL CORPORATION	HAVERHILL	43,408
8	OHD980587364	SAFETY-KLEEN CORP HEBRON	HEBRON	36,836
9	OHD001926740	HUKILL CHEMICAL CORPORATION	BEDFORD	34,442
10	OHD048415665	ROSS INCINERATION SERVICES INC	GRAFTON	26,560
11	OHD093945293	CWM RESOURCE RECOVERY INC	WEST CARROLLTON	26,163
12	OHD004304689	PPG INDUSTRIES INC	CIRCLEVILLE	13,369
13	OHD004178612	RESEARCH OIL COMPANY	CLEVELAND	13,249
14	OHD980681571	NORTH EAST CHEMICAL CORP.	CLEVELAND	12,039
	OHD980897656	CHEMICAL SOLVENTS INC.	CLEVELAND	7,539
	OHD055522429	REPUBLIC ENVIRONMENTAL SYSTEMS	BEDFORD	7,157
	OHD004172623	LUBRIZOL CORPORATION	PAINESVILLE	6,885
	OHD083377010	ENVIRONMENTAL ENTERPRISES INC	CINCINNATI	4,278
	OHD060409521	WCI STEEL INC	WARREN	3,320
	OHD000816629	SPRING GROVE RESOURCE RECOVERY INC		2,453
	OHD004233003	BAYER CORPORATION - POLYMERS DIVISION	ADDYSTON	1,688
	OHD066060609	CHEMTRON CORP.	AVON	457
	OHD039128913	DOW CHEMICAL CO HANGING ROCK PLANT	IRONTON	349
		AZTEC PEROXIDES INC.	ELYRIA	28
25	ОН6890008976	US DOE FERNALD ENV MGMT PROJECT	FERNALD	5
TOTAL				

TOTAL

1,739,368

TONS OF WASTE

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	11	.0	1	4.0
SOLVENTS RECOVERY	M021-M029	68,797	4.0	5	20.0
OTHER RECOVERY	M031-M039	3,320	.2	1	4.0
INCINERATION	M041-M049	95,780	5.5	7	28.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	101,692	5.8	4	16.0
FUEL BLENDING	M061	119,796	6.9	10	40.0
STABILIZATION	M111-M119	11,082	.6	4	16.0
LANDFILL	M132	291,806	16.8	2	8.0
DEEPWELL / UNDERGROUND INJECTION	M134	1,047,083	60.2	3	12.0
TOTAL		1,739,368	100.0	25	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	1,047,083	60.2	3	12.0
LANDFILL	M132	291,806	16.8	2	8.0
FUEL BLENDING	M061	119,796	6.9	10	40.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	101,692	5.8	4	16.0
INCINERATION	M041-M049	95,780	5.5	7	28.0
SOLVENTS RECOVERY	M021-M029	68,797	4.0	5	20.0
STABILIZATION	M111-M119	11,082	.6	4	16.0
OTHER RECOVERY	M031-M039	3,320	.2	1	4.0
METALS RECOVERY (FOR REUSE)	M011-M019	11	.0	1	4.0
TOTAL		1,739,368	100.0	25	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
FUEL BLENDING	M061	119,796	6.9	10	40.0
INCINERATION	M041-M049	95,780	5.5	7	28.0
SOLVENTS RECOVERY	M021-M029	68,797	4.0	5	20.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	101,692	5.8	4	16.0
STABILIZATION	M111-M119	11,082	.6	4	16.0
DEEPWELL / UNDERGROUND INJECTION	M134	1,047,083	60.2	3	12.0
LANDFILL	M132	291,806	16.8	2	8.0
METALS RECOVERY (FOR REUSE)	M011-M019	11	.0	1	4.0
OTHER RECOVERY	M031-M039	3,320	. 2	1	4.0
TOTAL		1,739,368	100.0	25	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 1,165

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 563,706 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	FIF.	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		0
	RANK	EPA ID	SITE NAME	CITY PAULDING WEST CARROLLTON MARIETTA CANTON CLEVELAND EAST LIVERPOOL CANTON MIDDLETOWN BEDFORD MANSFIELD GALLOWAY LIMA HEBRON GRAFTON	QUANTITY SHIPPED (TONS)
			SYSTECH ENVIRONMENTAL CORP	DAIII.DING	61,061
	2	OHD093945293	CWM RESOURCE RECOVERY INC	WEST CARROLLTON	34,230
	3	OHD003343233	CWM RESOURCE RECOVERY INC CYTEC INDUSTRIES INC	MARIFTTA	33,503
	4	OHD004341303	REPUBLIC ENG STEELS CANTON PLANT	CANTON	25,432
	5	OHD004220003	MODER FACE CREMICAL CODD	CI FUEL AND	21,224
	6	OHD980613541	VON ROLL AMERICAL THE	EAST LIVERPOOL	21,138
	7	OHD004465100	NORTH EAST CHEMICAL CORP. VON ROLL AMERICA, INC. TIMKEN COMPANY	CANTON	16,760
	8	OHD004234480	AK STEEL CORPORATION MIDDLETOWN WORKS	MIDDLETOWN	16,588
	9	OHD001926740	HUKILL CHEMICAL CORPORATION	BEDFORD	16,128
	10	OHD004157418	ARMCO INC MANSFIELD OPERATIONS DOMINION HOMES, INC.	MANSFIELD	12,425
	11	OHR000025635	DOMINION HOMES, INC.	GALLOWAY	12,000
	12	OHD987054657	AKZO NOBEL CHEMICALS INC.	LIMA	9,629
	13	OHD980587364	AKZO NOBEL CHEMICALS INC. SAFETY-KLEEN CORP HEBRON	HEBRON	9,587
	14	OHD048415665	ROSS INCINERATION SERVICES INC	GALLOWAY LIMA HEBRON GRAFTON DELTA CLEVELAND HAVERHILL YOUNGSTOWN MARION WAPAKONETA CLEVELAND WARREN	9,425
	15	OHR000002279	ROSS INCINERATION SERVICES INC NORTH STAR BHP STEEL LLC CHEMICAL SOLVENTS INC.	DELTA	8,702
	16	OHD980897656	CHEMICAL SOLVENTS INC.	CLEVELAND	8,343
	17	OHD005108477	ARISTECH CHEMICAL CORPORATION	HAVERHILL	7,099
	18	OHD016077802	NORTH STAR STEEL OHIO MARION STEEL COMPANY MIDWEST GUARDIAN INC.	YOUNGSTOWN	6,865
	19	OHD032271975	MARION STEEL COMPANY	MARION	6,568
	20	OHD048782049	MIDWEST GUARDIAN INC.	WAPAKONETA	5,771
	21	OHD004218673	LTV STEEL CO INC CLEVELAND EAST	CLEVELAND	5,750
	22	OHR000007773			5,069
	23	OHR000019794	DESHLER LEAD SITE (STEWART PROPERTY)	DESHLER	5,017
	24	OHD043736644	DESHLER LEAD SITE (STEWART PROPERTY) THOMSON CONSUMER ELECTRONICS INC SPRING GROVE RESOURCE RECOVERY INC	CIRCLEVILLE	4,951
	25	OHD000816629	SPRING GROVE RESOURCE RECOVERY INC	CINCINNATI	4,510
		OHD083377010	ENVIRONMENTAL ENTERPRISES INC	CINCINNATI	4,479
		OHD004178612		CLEVELAND	4,431
				GREENVILLE	4,411
	29	OHD005057542	BP OIL CO - TOLEDO REFINERY	OREGON	4,282
	30	OHD004379970	ORMET PRIMARY ALUMINUM CORPORATION	HANNIBAL	3,897
			CHEMTRON CORP.	AVON CLEVELAND BELPRE LIMA WILLIAMSBURG BIRMINGHAM	3,697
	32	OHD000724088	EAGLEBROOK INC	CLEVELAND	3,103
	33	OHD004343117	EAGLEBROOK INC SHELL CHEMICAL COMPANY BP OIL CO - LIMA REFINERY CECOS INTERNATIONAL M.A. HARRISON MFG CO INC	BELPRE	3,057
	34	OHD005051826	BP OIL CO - LIMA REFINERY	LIMA	2,998
	35	OHD087433744	CECOS INTERNATIONAL	WILLIAMSBURG	2,702
	36	OHD986988954	M.A. HARRISON MFG CO INC SHERWIN-WILLIAMS CO COLUMBUS PLANT	COLUMBUS	2,604 2,571
		OHD046430326 OHD005041843		TOLEDO	2,571
			LTV STEEL CO INC CLEVELAND WEST	CLEVELAND	2,357
			TECHNEGLAS INC	COLUMBUS	2,346
		OHD004274031		DAYTON	2,346
		OHD004495545			2,268
			ISP FINE CHEMICALS INC	COLUMBUS	2,266
			QUALITY CHEMICALS INC	DAYTON	2,128
			BEAZER EAST INC	TOLEDO	2,091
			PPG INDUSTRIES	CLEVELAND	2,031
			FORD MOTOR COMPANY OHIO ASSEMBLY PLANT	AVON LAKE	2,008
			PPG INDUSTRIES INC	CIRCLEVILLE	1,960
			FERRO CORPORATION POLYMER ADDITIVES DIV		1,956
			PPG INDUSTRIES OHIO, INC.	DELAWARE	1,909
7	COTAL				420 201

438,281

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

QUANTITY

OHIO

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 25

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 693,041 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	OHD045243706	ENVIROSAFE SERVICES OF OHIO INC	OREGON	213,385
2	OHD020273819	WASTE MANAGEMENT OF OHIO INC	VICKERY	120,221
3	OHD987048733	LAFARGE CORPORATION	PAULDING	56,247
			PAULDING	53,557
5	OHD980613541	VON ROLL AMERICA, INC.	EAST LIVERPOOL	47,718
	OHD980587364	SAFETY-KLEEN CORP HEBRON	HEBRON	36,842
7	OHD001926740	HUKILL CHEMICAL CORPORATION	BEDFORD	35,598
8	OHD093945293	CWM RESOURCE RECOVERY INC	WEST CARROLLTON	28,878
9	OHD048415665	ROSS INCINERATION SERVICES INC	GRAFTON	26,136
10	OHD980681571	NORTH EAST CHEMICAL CORP.	CLEVELAND	13,786
11	OHD004178612	RESEARCH OIL COMPANY	CLEVELAND	13,309
12	OHD004304689	PPG INDUSTRIES INC	CIRCLEVILLE	10,756
13	OHD055522429	REPUBLIC ENVIRONMENTAL SYSTEMS	BEDFORD	8,652
14	OHD980897656	CHEMICAL SOLVENTS INC.	CLEVELAND	7,994
		SPRING GROVE RESOURCE RECOVERY INC	CINCINNATI	6,358
16	OHD066060609	CHEMTRON CORP.	AVON	4,157
17	OHD060409521		WARREN	3,320
18	OHD083377010	ENVIRONMENTAL ENTERPRISES INC	CINCINNATI	3,213
19	OHD004274031	PERMA-FIX OF DAYTON	DAYTON	2,100
20	OHD980568992	ENVIRITE OF OHIO, INC.		767
21	OHD080158702	DETREX CORPORATION - EC & ES DIVISION	EUCLID	30
22	ОН7571724312	DEPARTMENT OF THE AIR FORCE BASE AREA A	WRIGHT PATTERSON AFB	8
23	OHD000817346	DELPHI PACKARD ELECTRIC SYSTEMS	WARREN	6
24	ОН6890008976	US DOE FERNALD ENV MGMT PROJECT	FERNALD	2
25	OHD052937885	CHEMICAL SOLVENTS INC.	CLEVELAND	0

TOTAL 693,041

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	11	.0	1	5.3
SOLVENTS RECOVERY	M021-M029	68,797	10.2	5	26.3
OTHER RECOVERY	M031-M039	3,320	.5	1	5.3
INCINERATION	M041-M049	84,617	12.6	4	21.1
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	56,247	8.4	1	5.3
FUEL BLENDING	M061	118,108	17.6	10	52.6
STABILIZATION	M111-M119	9,202	1.4	4	21.1
LANDFILL	M132	211,842	31.5	1	5.3
DEEPWELL / UNDERGROUND INJECTION	M134	120,245	17.9	2	10.5
TOTAL		672,390	100.0	19	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LANDFILL	M132	211,842	31.5	1	5.3
DEEPWELL / UNDERGROUND INJECTION	M134	120,245	17.9	2	10.5
FUEL BLENDING	M061	118,108	17.6	10	52.6
INCINERATION	M041-M049	84,617	12.6	4	21.1
SOLVENTS RECOVERY	M021-M029	68,797	10.2	5	26.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	56,247	8.4	1	5.3
STABILIZATION	M111-M119	9,202	1.4	4	21.1
OTHER RECOVERY	M031-M039	3,320	.5	1	5.3
METALS RECOVERY (FOR REUSE)	M011-M019	11	.0	1	5.3
TOTAL		672,390	100.0	19	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	118,108	17.6	10	52.6
SOLVENTS RECOVERY	M021-M029	68,797	10.2	5	26.3
INCINERATION	M041-M049	84,617	12.6	4	21.1
STABILIZATION	M111-M119	9,202	1.4	4	21.1
DEEPWELL / UNDERGROUND INJECTION	M134	120,245	17.9	2	10.5
LANDFILL	M132	211,842	31.5	1	5.3
METALS RECOVERY (FOR REUSE)	M011-M019	11	.0	1	5.3
OTHER RECOVERY	M031-M039	3,320	.5	1	5.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	56,247	8.4	1	5.3
TOTAL		672,390	100.0	19	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 428,011 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 312,603 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 144

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 315,296 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

•	RANK EPA ID	SITE NAME ZINC CORPORATION OF AMERICA SHEFFIELD STEEL CORPORATION MOORE BUSINESS FORMS/DOCUMENT SOLUTIONS U.S. AIR FORCE TINKER AFB N. AMERICA GALVANIZING, TULSA #1 NATIONAL STANDARD COMPANY BAKER PETROLITE SUN COMPANY INC GREENWAY ENVIRONMENTAL, INC. MCALESTER ARMY AMMUNITION PLANT EAGLE-PICHER IND., INC., EOM DEPT. CONOCO INC. (PONCA CITY REFINERY/SITE) N. AMERICAN GALVANIZING #2 TULSA WEBCO INDUSTRIES, SOUTHWEST TUBE DIV. GENERAL MOTORS (OKC PLANT) OKLAHOMA STEEL AND WIRE CO., INC. XEROX CORP. OKC MANUFACTURING SITE AMERICAN AIRLINES M&E CENTER PHILLIPS RESEARCH CENTER MADEWELL & MADEWELL, INC. HILTI INDUSTRIES DELTA FAUCET OF OKLAHOMA ARMSTRONG WORLD INDUSTRIES REINFORCING SERVICES, INC. CROSBY GROUP (MCKISSICK PLANT), THE FORD MOTOR COMPANY, TULSA GLASS PLANT HYDROCARBON RECYCLERS DBA USPCI CENTRAL FOREST PRODUCTS KING AEROSPACE SOUTHWESTERN WIRE, INC. CAMROSE TECHNOLOGIES, L.L.C. IMATION ENTERPRISES CORPORATION BALL-FOSTER GLASS CONTAINER GEMINI COATINGS, INC. U.N.A.R.C.O. COMMERCIAL PRODUCTS NORIT AMERICAS INC. PRYOR PLANT SOUTHWEST UNITED, INC. DEEPWATER CHEMICALS, INC. BRENT INDUSTRIES, INC. OKLAHOMA GALVANIZING INC. ALLIED MATERIALS CORPORATION KWIKSET CORPORATION LAIDLAW ENVIRONMENTAL SERVICES, INC LONE TOTAL PETROLEUM, INC., ARDMORE REFINERY	CITY	TOTAL GENERATED (TONS)
	1 0550000000440	ZING CORDORATION OF AMERICA		270 294
	1 OKD000629440	ZINC CORPORATION OF AMERICA	BARILESVILLE	270,204
	2 OKD07/219181	MOODE DIGINESS FORMS (DOSIMENTS SOLUTIONS	SAND SPRINGS	6,794
	3 OKDU /42 /4333	MOURE BUSINESS FORMS/DOCUMENT SOLUTIONS	SIILLWAIER	2,006
	4 UKI5/I/2439I	U.S. AIR FURCE LINKER AFB	TINKER AFB	3,000
	2 OKD00/21910/	N. AMERICA GALVANIZING, IULSA #I	TULDA CTTIIMATED	2,040
	7 OKD003430100	DAKED DETROITE	CAND CDDINGC	2,300
	9 OKD072424104	CIN COMPANY INC	TIII CA	1 0/12
	9 OKD038078773	CDEFNWAY FWITPONMENTAL INC	HACKET.T.	1,942
	10 OK6213822798	MCALECTED ARMY AMMINITEDIN DIANT	MCALFSTED	1,791
	11 OKD007158454	EAGLE-PICHER IND . INC . EOM DEPT	OIIAPAW	1,717
	12 OKD007233836	CONOCO INC. (PONCA CITY REFINERY/SITE)	PONCA CITY	1,459
	13 OKD000815001	N. AMERICAN GALVANIZING #2 TILLSA	TIII.SA	1.117
	14 OKD053959326	WEBCO INDUSTRIES. SOUTHWEST TUBE DIV	SAND SPRINGS	769
	15 OKD082565714	GENERAL MOTORS (OKC PLANT)	OKLAHOMA CITY	720
	16 OKD099714354	OKLAHOMA STEEL AND WIRE CO., INC.	MADILL	664
	17 OKD079986568	XEROX CORP. OKC MANUFACTURING SITE	MUSTANG	649
	18 OKD001824564	AMERICAN AIRLINES M&E CENTER	TULSA	526
	19 OKD000803601	PHILLIPS RESEARCH CENTER	BARTLESVILLE	522
	20 OKD032963530	MADEWELL & MADEWELL, INC.	JONES	497
	21 OKD096646666	HILTI INDUSTRIES	TULSA	413
	22 OKD020721098	DELTA FAUCET OF OKLAHOMA	CHICKASHA	402
	23 OKD043440999	ARMSTRONG WORLD INDUSTRIES	STILLWATER	392
	24 OKT410010797	REINFORCING SERVICES, INC.	CATOOSA	376
	25 OKD061631354	CROSBY GROUP (MCKISSICK PLANT), THE	TULSA	370
	26 OKD072401045	FORD MOTOR COMPANY, TULSA GLASS PLANT	TULSA	337
	27 OKD000632737	HYDROCARBON RECYCLERS DBA USPCI	TULSA	326
	28 OKD990750150	CENTRAL FOREST PRODUCTS	HUGO	305
	29 OKD981909849	KING AEROSPACE	ARDMORE	289
	30 OKD007188097	SOUTHWESTERN WIRE, INC.	NORMAN	268
	31 OKD990696890	CAMROSE TECHNOLOGIES, L.L.C.	ADA	230
	32 OKD062267448	IMATION ENTERPRISES CORPORATION	WEATHERFORD	205
	33 OKD007224710	BALL-FOSTER GLASS CONTAINER	SAPULPA	178
	34 OKD00/20/129	GEMINI COATINGS, INC.	EL RENO	176
	36 OKD981906395	NORTH AMERICAS INC. DRVOR DIANT	DRVOR	175 175
	37 OKD007072000	SOUTHWEST INTTED INDISTRIES INC	TITOR	173
	38 OK0000118851	DEEPWATER CHEMICALS INC.	WOODWARD	171
	39 OKD987095304	BRENT INDUSTRIES, INC.	BARTESVILLE	169
	40 OKR000001172	OKLAHOMA GALVANIZING INC	CLAREMORE	165
	41 OKD007192719	ALLIED MATERIALS CORPORATION	STROUD	162
	42 OKD094029063	KWIKSET CORPORATION	BRISTOW	148
	43 OKD065438376	LAIDLAW ENVIRONMENTAL SERVICES, INC LONE	WAYNOKA	116
	44 OKD057705972	TOTAL PETROLEUM, INC., ARDMORE REFINERY	ARDMORE	114
	45 OKD080578982	NORDAM-MANUFACTURING DIVISION	TIII.SA	114
	46 OKD980877856	DANA CORPORATION	VINITA	108
	47 OKD007469042	MODERN PLATING COMPANY	TULSA	103
	48 OKD982560609	GULFSTREAM AEROSPACE	BETHANY	91
	49 OKD055943286	GRAPHIC ELECTRONICS	TULSA	85
	50 OKD990751059	DANA CORPORATION MODERN PLATING COMPANY GULFSTREAM AEROSPACE GRAPHIC ELECTRONICS ZAPATA INDUSTRIES, INC.	MUSKOGEE	80
	TOTAL			210,000

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

Changes to the 1997 Biennial Reporting requirements will make cursory comparisons of the 1997 National Biennial Report to earlier National Biennial Reports misleading. Refer to the Executive Summary (ES-2) for a complete explanation.

312,909

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	2,370	ONLY AN F CODE	3,065		
ONLY CORROSIVE	561	ONLY A K CODE	1,806		
ONLY REACTIVE	1,522	ONLY A P CODE	0		
ONLY D004-17	272,942	ONLY A U CODE	1		
ONLY D018-43	1,999				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	10,955	LISTED CODE	468		
TOTAL	290,349	TOTAL	5,340	BOTH CHARACTERISTIC & LISTED	19,526

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	1,497			IGN. W/ AT LEAST 1 LSTD	7,303
HAS CORROSIVE CODE	9,775			CORR. W/ AT LEAST 1 LSTD	4,230
HAS REACTIVE CODE	327			REACT. W/ AT LEAST 1 LSTD	671
HAS D004-D017 CODE	7,891			D004-17 W/ AT LEAST 1 LSTD	16,322
HAS D018-D043 CODE	3,723			D018-43 W/ AT LEAST 1 LSTD	6,994
		HAS AN F CODE	468	F WASTE W/ AT LEAST 1 CHAR	10,151
		HAS A K CODE	420	K WASTE W/ AT LEAST 1 CHAR	11,269
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	638
		HAS A U CODE	48	U WASTE W/ AT LEAST 1 CHAR	2,498
TOTAL	10,955	TOTAL	468	TOTAL	19,526

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 41

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 405,898 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

				TONS OF WASTE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	OKD000829440	ZINC CORPORATION OF AMERICA	BARTLESVILLE	269,167
2	OKD065438376	LAIDLAW ENVIRONMENTAL SERVICES, INC LONE	WAYNOKA	121,592
3	OKD000402396	PERMA-FIX TREATMENT SERVICES, INC.	TULSA	6,773
4	OKD089761290	GREENWAY ENVIRONMENTAL, INC.	HASKELL	3,596
5	OKD987097151	TRICAT, INC.	MCALESTER	1,780
6	OKD987072006	NORIT AMERICAS INC. PRYOR PLANT	PRYOR	1,385
7	OK6213822798	MCALESTER ARMY AMMUNITION PLANT	MCALESTER	1,278
8	OKD001824564	AMERICAN AIRLINES M&E CENTER	TULSA	246
9	OKD007158454	EAGLE-PICHER IND., INC., EOM DEPT.	QUAPAW	66
10	OK1571724391	U.S. AIR FORCE TINKER AFB	TINKER AFB	14
11	OKD000814228	HALLIBURTON ENERGY SERVICES (DUNCAN)	DUNCAN	0

TOTAL 405,898

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
SOLVENTS RECOVERY	M021-M029	277	.1	2	18.2
OTHER RECOVERY	M031-M039	3,165	.8	2	18.2
INCINERATION	M041-M049	1	.0	1	9.1
FUEL BLENDING	M061	2,730	.7	2	18.2
SLUDGE TREATMENT	M101-M109	197	.0	1	9.1
STABILIZATION	M111-M119	55,734	13.7	6	54.5
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	9.1
LANDFILL	M132	67,468	16.6	3	27.3
DEEPWELL / UNDERGROUND INJECTION	M134	275,047	67.8	3	27.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,278	.3	1	9.1
TOTAL		405,898	100.0	11	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	275,047	67.8	3	27.3
LANDFILL	M132	67,468	16.6	3	27.3
STABILIZATION	M111-M119	55,734	13.7	6	54.5
OTHER RECOVERY	M031-M039	3,165	.8	2	18.2
FUEL BLENDING	M061	2,730	.7	2	18.2
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,278	.3	1	9.1
SOLVENTS RECOVERY	M021-M029	277	.1	2	18.2
SLUDGE TREATMENT	M101-M109	197	.0	1	9.1
INCINERATION	M041-M049	1	.0	1	9.1
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	9.1
TOTAL		405,898	100.0	11	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
STABILIZATION	M111-M119	55,734	13.7	6	54.5
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DEEPWELL / UNDERGROUND INJECTION	M134	275,047	67.8	3	27.3
FUEL BLENDING	M061	2,730	.7	2	18.2
SOLVENTS RECOVERY	M021-M029	277	.1	2	18.2
OTHER RECOVERY	M031-M039	3,165	.8	2	18.2
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	9.1
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,278	.3	1	9.1
INCINERATION	M041-M049	1	.0	1	9.1
SLUDGE TREATMENT	M101-M109	197	.0	1	9.1
TOTAL		405,898	100.0	11	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

QUANTITY

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 139

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 48,137 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME SHEFFIELD STEEL CORPORATION GREENWAY ENVIRONMENTAL, INC. U.S. AIR FORCE TINKER AFB MOORE BUSINESS FORMS/DOCUMENT SOLUTIONS NATIONAL STANDARD COMPANY BAKER PETROLITE SUN COMPANY INC BALL-FOSTER GLASS CONTAINER EAGLE-PICHER IND., INC., EOM DEPT. CONOCO INC. (PONCA CITY REFINERY/SITE) SAFETY-KLEEN (WHEATLAND) ZINC CORPORATION OF AMERICA MADEWELL & MADEWELL, INC. SAFETY-KLEEN CORP TULSA, OK PERMA-FIX TREATMENT SERVICES, INC. WEBCO INDUSTRIES, SOUTHWEST TUBE DIV. N. AMERICA GALVANIZING, TULSA #1 GENERAL MOTORS (OKC PLANT) OKLAHOMA STEEL AND WIRE CO., INC. XEROX CORP. OKC MANUFACTURING SITE PHILLIPS RESEARCH CENTER MCALESTER ARMY AMMUNITION PLANT HILTI INDUSTRIES DELTA FAUCET OF OKLAHOMA REINFORCING SERVICES, INC. CROSBY GROUP (MCKISSICK PLANT), THE FORD MOTOR COMPANY, TULSA GLASS PLANT HYDROCARBON RECYCLERS DBA USPCI	CITY	SHIPPED (TONS)
1	OKD007219181	SHEFFIELD STEEL CORPORATION	SAND SPRINGS	6,794
2	OKD089761290	GREENWAY ENVIRONMENTAL, INC.	HASKELL	5,328
3	OK1571724391	U.S. AIR FORCE TINKER AFB	TINKER AFB	3,871
4	OKD074274333	MOORE BUSINESS FORMS/DOCUMENT SOLUTIONS	STILLWATER	2,538
5	OKD065436180	NATIONAL STANDARD COMPANY	STILLWATER	2,360
6	OKD072424104	BAKER PETROLITE	SAND SPRINGS	2,288
7	OKD058078775	SUN COMPANY INC	TULSA	1,942
8	OKD007224710	BALL-FOSTER GLASS CONTAINER	SAPULPA	1,756
9	OKD007158454	EAGLE-PICHER IND., INC., EOM DEPT.	QUAPAW	1,581
10	OKD007233836	CONOCO INC. (PONCA CITY REFINERY/SITE)	PONCA CITY	1,459
11	OKD980878474	SAFETY-KLEEN (WHEATLAND)	OKLAHOMA CITY	1,287
12	OKD000829440	ZINC CORPORATION OF AMERICA	BARTLESVILLE	1,117
13	OKD032963530	MADEWELL & MADEWELL, INC.	JONES	1,090
14	OKD000763821	SAFETY-KLEEN CORP TULSA, OK	TULSA	947
15	OKD000402396	PERMA-FIX TREATMENT SERVICES, INC.	TULSA	795
16	OKD053959326	WEBCO INDUSTRIES, SOUTHWEST TUBE DIV.	SAND SPRINGS	769
17	OKD007218167	N. AMERICA GALVANIZING, TULSA #1	TULSA	765
18	OKD082565714	GENERAL MOTORS (OKC PLANT)	OKLAHOMA CITY	720
19	OKD099714354	OKLAHOMA STEEL AND WIRE CO., INC.	MADILL	664
20	OKD079986568	XEROX CORP. OKC MANUFACTURING SITE	MUSTANG	649
21	OKD000803601	PHILLIPS RESEARCH CENTER	BARTLESVILLE	488
22	OK6213822798	MCALESTER ARMY AMMUNITION PLANT	MCALESTER	439
23	OKD096646666	HILTI INDUSTRIES	TULSA	413
24	OKD020721098	DELTA FAUCET OF OKLAHOMA	CHICKASHA	402
25	OKT410010797	REINFORCING SERVICES, INC.	CATOOSA	376
26	OKD061631354	CROSBY GROUP (MCKISSICK PLANT), THE	TULSA	370
27	OKD072401045	FORD MOTOR COMPANY, TULSA GLASS PLANT	TULSA	337
28	OKD000632737	HYDROCARBON RECYCLERS DBA USPCI	TULSA	
29	OKD990750150	CENTRAL FOREST PRODUCTS	HUGO	305
30	OKD981909849	KING AEROSPACE	ARDMORE	289
31	OKD001824564	AMERICAN AIRLINES M&E CENTER	TULSA	280
32	OKD007188097	SOUTHWESTERN WIRE, INC.	NORMAN	268
33	OKD990696890	CAMROSE TECHNOLOGIES, L.L.C.	ADA	230
34	OKD062267448	IMATION ENTERPRISES CORPORATION	WEATHERFORD	205
35	OKD981908395	U.N.A.R.C.O. COMMERCIAL PRODUCTS	WAGONER	176
36	OKD00/218340	SOUTHWEST UNITED INDUSTRIES, INC.	TULSA	173
3 /	OKUUUU118851	DEEPWATER CHEMICALS, INC.	WOODWARD	171
38	OKD98/095304	BRENT INDUSTRIES, INC.	BARTESVILLE	167
39	OKR0000011/2	OKLAHOMA GALVANIZING INC.	CLAREMORE	165
40	OKD00/192/19	ALLIED MATERIALS CORPORATION	STROUD	162 159
41	OKD043440999	ARMSTRONG WORLD INDUSTRIES	SIILLWAIEK	
42	OKD054029063	FORD MOTOR COMPANY, TULSA GLASS PLANT HYDROCARBON RECYCLERS DBA USPCI CENTRAL FOREST PRODUCTS KING AEROSPACE AMERICAN AIRLINES M&E CENTER SOUTHWESTERN WIRE, INC. CAMROSE TECHNOLOGIES, L.L.C. IMATION ENTERPRISES CORPORATION U.N.A.R.C.O. COMMERCIAL PRODUCTS SOUTHWEST UNITED INDUSTRIES, INC. DEEPWATER CHEMICALS, INC. BRENT INDUSTRIES, INC. OKLAHOMA GALVANIZING INC. ALLIED MATERIALS CORPORATION ARMSTRONG WORLD INDUSTRIES KWIKSET CORPORATION TOTAL PETROLEUM, INC., ARDMORE REFINERY	DETOTOM	131 114
43	OKD001100912	NODDAM MANUEACTUDING DIVICION	TULSA	114
44	070000000000000000000000000000000000000	NORDAM-MANUFACTURING DIVISION HARDAGE SUPERFUND SITE DANA CORPORATION MODERN PLATING COMPANY GULFSTREAM AEROSPACE GRAPHIC ELECTRONICS ZAPATA INDUSTRIES, INC.		114
45	OKD9808778E6	DANY CODDODATION UNIVERSE PARENTAL PILE	LINDSAY VINITA	108
40	OKD900011030	MODEDM DIATING COMDANV	TULSA	103
10	OKD001403047	CIII ECLDEYW YEDUCDYCE	BETHANY	91
40	OKD022000003	CDADHIC FIFCTPONICS	TULSA	85
ت. ت.	OKD033343260	7ADATA INDIIGTDIFG INC	MUSKOGEE	80
50	O1(D)) O 1 J 1 U J 3	ZILIIII INDODIKIED, INC.	HODROGEE	80

TOTAL 45,555

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 9

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 136,481 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

•		EPA ID	SITE NAME	CITY	QUANTITY RECEIVED (TONS)
	1	OKD065438376	LAIDLAW ENVIRONMENTAL SERVICES, INC LONE	WAYNOKA	121,688
	2	OKD000402396	PERMA-FIX TREATMENT SERVICES, INC.	TULSA	6,390
	3	OKD089761290	GREENWAY ENVIRONMENTAL, INC.	HASKELL	3,599
	4	OKD987097151	TRICAT, INC.	MCALESTER	1,780
	5	OKD987072006	NORIT AMERICAS INC. PRYOR PLANT	PRYOR	1,289
	6	OKD980878474	SAFETY-KLEEN (WHEATLAND)	OKLAHOMA CITY	959
	7	OKD000763821	SAFETY-KLEEN CORP TULSA, OK	TULSA	715
	8	OKD000814228	HALLIBURTON ENERGY SERVICES (DUNCAN)	DUNCAN	56
	9	OKD000803601	PHILLIPS RESEARCH CENTER	BARTLESVILLE	4

136,481

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
SOLVENTS RECOVERY	M021-M029	263	. 2	1	16.7
OTHER RECOVERY	M031-M039	3,069	2.3	2	33.3
INCINERATION	M041-M049	1	.0	1	16.7
FUEL BLENDING	M061	2,293	1.7	2	33.3
SLUDGE TREATMENT	M101-M109	197	.1	1	16.7
STABILIZATION	M111-M119	55,308	41.1	3	50.0
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	16.7
LANDFILL	M132	67,417	50.1	2	33.3
DEEPWELL / UNDERGROUND INJECTION	M134	5,931	4.4	2	33.3
TOTAL		134,479	100.0	6	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LANDFILL	M132	67,417	50.1	2	33.3
STABILIZATION	M111-M119	55,308	41.1	3	50.0
DEEPWELL / UNDERGROUND INJECTION	M134	5,931	4.4	2	33.3
OTHER RECOVERY	M031-M039	3,069	2.3	2	33.3
FUEL BLENDING	M061	2,293	1.7	2	33.3
SOLVENTS RECOVERY	M021-M029	263	.2	1	16.7
SLUDGE TREATMENT	M101-M109	197	.1	1	16.7
INCINERATION	M041-M049	1	.0	1	16.7
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	16.7
TOTAL		134,479	100.0	6	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
CONTRACTOR			41 1		
STABILIZATION	M111-M119	55,308	41.1	3	50.0
FUEL BLENDING	M061	2,293	1.7	2	33.3
LANDFILL	M132	67,417	50.1	2	33.3
DEEPWELL / UNDERGROUND INJECTION	M134	5,931	4.4	2	33.3
OTHER RECOVERY	M031-M039	3,069	2.3	2	33.3
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	16.7
SOLVENTS RECOVERY	M021-M029	263	. 2	1	16.7
INCINERATION	M041-M049	1	.0	1	16.7
SLUDGE TREATMENT	M101-M109	197	.1	1	16.7
TOTAL		134,479	100.0	6	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

OKLAHOMA

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 126,313 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 35,013 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 203

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 49,877 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	SITE NAME	CITY	TOTAL GENERATED (TONS)
1 000045776432	CACCADE CTEEL DOLLTING MILLS INC	 MCMTNINI/TTTF	11,021
2 000043770432	ODECON CTEEL MILIC INC	DODTI AND	7,205
3 OP6213820917	IIGA IIMATTIIA CHEMICAI, DEDOT	HERMISTON	3,924
4 ORD980725592	MERIX CORP	FOREST GROVE	3,753
5 ORONON05322	TRIGITAT SEMICONDUCTOR INC	HILLSBORO	3,381
6 ORD981764707	NORTHWEST ALUMINUM COMPANY	THE DALLES	2,948
7 ORD041265372	IMATION ENTERPRISES CORP	WHITE CITY	2,879
8 ORO00007286	FORT JAMES CORP RAINIER SAWMILL	RAINIER	1,975
9 ORD049376189	PRAEGITZER INDUSTRIES INC	DALLAS	918
10 ORD981773377	YAMAMOTO MFG USA INC	BEAVERTON	874
11 ORD050955848	WAH CHANG	ALBANY	871
12 ORD089452353	CHEMICAL WASTE MANAGEMENT OF THE NW	ARLINGTON	836
13 ORD000602110	FREIGHTLINER CORP TRUCK MFG PLANT	PORTLAND	815
14 ORD054964481	BOEING OF PORTLAND	PORTLAND	782
15 ORD980987382	PRAEGITZER INDUSTRIES INC	WHITE CITY	497
16 ORD009022682	HMT TECHNOLOGY CORPORATION	EUGENE	413
17 ORD980980353	WESTAK OF OREGON	FOREST GROVE	300
18 ORD060591963	INTEL CORPORATION ALOHA CAMPUS	ALOHA	296
19 ORD987187952	SCHNITZER INVESTMENT CORP	PORTLAND	295
20 ORD018216887	EAST SIDE PLATING INC PLANTS 1 & 3	PORTLAND	233
21 ORD000//393/	CARREST VIEW CYCERNO INC 7 140 01	CLACKAMAS	219 214
22 ORD961/66124	SAFELI KLEEN SISIEMS INC /-140-UI	CLACKAMAS	214
24 OBD000020221	TEXTED ONLY INC. COALING DIV	PORTLAND	204
25 OPD085070474	CAMPUTTECH THE	AT DAMV	203
26 ORD003373474	PCC STRUCTURALS INC LPC	PORTI AND	203
27 OR0000940692	INTEGRATED DEVICE TECHNOLOGY INC	HILLSBORO	196
28 ORD180761934	CASCADE GENERAL INC	PORTLAND	179
29 ORD052221025	LOCKHEED MARTIN CORPORATION	THE DALLES	179
30 ORD003991478	FREIGHTLINER CORP PORTLAND PARTS PLANT	PORTLAND	151
31 ORD009038761	OREGON METALLURGICAL CORPORATION	ALBANY	129
32 ORD009032400	J H BAXTER & CO EUGENE	EUGENE	117
33 ORD981770761	ENTEK INTERNATIONAL LLC	LEBANON	117
34 ORD009049107	EAST SIDE PLATING INC PLANT 4	PORTLAND	113
35 ORD081182180	HEWLETT PACKARD COMPANY	CORVALLIS	106
36 ORQ000004705	YAMHILL COUNTY TARGET RANGE	AMITY	103
37 ORD987201472	MATSUSHITA ELECTRONIC MATERIALS INC	FOREST GROVE	102
38 ORD987195088	OHKA AMERICA INC	HILLSBORO	90
39 ORD010736262	BLOUNT INC OREGON CUTTING SYSTEMS DIV	MILWAUKIE	87
	RHONE POULENC		
41 ORD009042532		SHERIDAN	79 77
42 ORQUUUU07641	COOS COUNTY BEAVER HILL DISPOSAL SITE FORREST PAINT CO		77
43 ORD003427300	VAN WATTER C. DOCTER INC	DODUL VND	70
45 OPD009227398	PODDA DAINT COPDOPATION	DORTI AND	69
46 ORD003992518	ELECTRONIC CONTROLS DESIGN INC	MIII.TNO	63
47 ORD091296756	VAN WATERS & ROGERS INC RODDA PAINT CORPORATION ELECTRONIC CONTROLS DESIGN INC SCHROCK CABINET CO DIV WHITE CO	HILLSBORO	57
48 ORD027750645	CONTAINER MANAGEMENT SERVICES LLC	PORTLAND	55
	CROWN CORK & SEAL CO PLANT 87	PORTLAND	53
	CARLTON COMPANY	EUGENE PORTLAND PORTLAND MULINO HILLSBORO PORTLAND PORTLAND MILWAUKIE	51
TOTAL			
			40.001

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

Changes to the 1997 Biennial Reporting requirements will make cursory comparisons of the 1997 National Biennial Report to earlier National Biennial Reports misleading. Refer to the Executive Summary (ES-2) for a complete explanation.

47,861

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	803	ONLY AN F CODE	6,195		
ONLY CORROSIVE	1,204	ONLY A K CODE	21,333		
ONLY REACTIVE	130	ONLY A P CODE	31		
ONLY D004-17	5,961	ONLY A U CODE	98		
ONLY D018-43	120				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	9,961	LISTED CODE	233		
TOTAL	18.179	TOTAL	27.891	BOTH CHARACTERISTIC & LISTED	3.798

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	6,756			IGN. W/ AT LEAST 1 LSTD	2,873
HAS CORROSIVE CODE	2,957			CORR. W/ AT LEAST 1 LSTD	115
HAS REACTIVE CODE	4,083			REACT. W/ AT LEAST 1 LSTD	46
HAS D004-D017 CODE	8,358			D004-17 W/ AT LEAST 1 LSTD	1,053
HAS D018-D043 CODE	2,969			D018-43 W/ AT LEAST 1 LSTD	800
		HAS AN F CODE	211	F WASTE W/ AT LEAST 1 CHAR	3,783
		HAS A K CODE	210	K WASTE W/ AT LEAST 1 CHAR	2
		HAS A P CODE	31	P WASTE W/ AT LEAST 1 CHAR	3
		HAS A U CODE	23	U WASTE W/ AT LEAST 1 CHAR	231
TOTAL	9,961	TOTAL	233	TOTAL	3,798

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 7

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 32,150 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1 ORD089452353	CHEMICAL WASTE MANAGEMENT OF THE NW	ARLINGTON	32,136
2 ORD009020231	TEKTRONIX INC BEAVERTON CAMPUS	BEAVERTON	14

TOTAL

32,150

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SLUDGE TREATMENT	M101-M109	14	.0	1	50.0
STABILIZATION	M111-M119	8,708	27.1	1	50.0
LANDFILL	M132	22,326	69.4	1	50.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,102	3.4	1	50.0
TOTAL		32,150	100.0	2	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
LANDFILL	M132	22,326	69.4	1	50.0
STABILIZATION	M111-M119	8,708	27.1	1	50.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,102	3.4	1	50.0
SLUDGE TREATMENT	M101-M109	14	.0	1	50.0
TOTAL		32,150	100.0	2	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LANDFILL	M132	22,326	69.4	1	50.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,102	3.4	1	50.0
SLUDGE TREATMENT	M101-M109	14	.0	1	50.0
STABILIZATION	M111-M119	8,708	27.1	1	50.0
TOTAL		32,150	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

QUANTITY

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 192

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 39,784 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME	CITY	SHIPPED (TONS)
		CACCADE CHEEL DOLLING MILLS ING	MCMININIZITI I	11 021
1	ORD045//6432	CASCADE SIEEL ROLLING MILLS INC	MCMINNVILLE	11,021
2	ORD009106055	OKEGON STEEL MILLS INC	PORTLAND	7,205
3	ORDU89452353	CHEMICAL WASTE MANAGEMENT OF THE NW	ARLINGTON	3,861
4	ORD981764707	NORTHWEST ALUMINUM COMPANY	THE DALLES	2,981
5	ORQUUUUU / 286	FORT JAMES CORP RAINIER SAWMILL	RAINIER	1,9/5
7	ORD960725592	MERIA CORP	FORESI GROVE	1,004
,	ORD049376169	PRAEGIIZER INDUSTRIES INC	DALLAS	943
8	ORDU41265372	IMATION ENTERPRISES CORP	WHITE CITY	7//
10	ORD054964481	BUEING OF PURTLAND	PORTLAND	769
11	ORDUUU6UZIIU	PREIGHTLINER CORP TRUCK MFG PLANT	WHITE CITY	522
1.0	OKD300307362	THE EEGINOLOGY CORDODATION	MULIE CILI	412
12	ORD009022002	WESTER OF OPERON	EODECE CDOVE	413
1.0	ORD960960353	WESTAR OF OREGON	FORESI GROVE	300
15	ORD000591903	COUNTED INVECTMENT CODD	ALUHA	290
15	ORD98/18/952	SCHNITZER INVESTMENT CORP	CDDINGETEID	295
17	ORD000712007	VAMAMOTO MEC HEA INC	SPRINGFIELD	260
10	ORD301773377	TAMAMOTO MFG USA INC	DODEL AND	200
10	ORDU10210007	CAPPER VIERN CYCERNO INC 7 140 01	PURILAND	214
19	ORD901/00124	SAFEII KLEEN SISIEMS INC /-140-UI	CLACKAMAS	214
21	ORD009020231	ANODIZING INC BEAVERION CAMPUS	BEAVERION DODEL AND	204
2.2	ORD902030070	CYMPHETECH INC	AT DANY	204
22	ORD003979474	DOG CERTICATION C INC I DO	DODEL VND	203
2.1	ORD009027970	TMTECDATED DEVICE TECHNOLOGY INC	HILL CROPO	106
25	ORUUUU940092	CACCADE CENEDAL INC	DODEL AND	170
26	ORD160761934	LOCKHEED MARTIN CORDORATION	THE DALLES	179
27	ORD032221023	DCC STRUCTURALS INC SSRO	CI.ACKAMAS	164
28	ORD000773337	FREICHTLINFR CORD DORTLAND DARTS DLANT	DORTI AND	131
29	ORD003331470	OPECON METALLIPCICAL COPPODATION	AT.RANV	129
30	ORD009030701	THERATTER & CO FIGENE	FIIGENE	121
31	ORD009032400	EAST SIDE PLATING INC PLANT 4	PORTI AND	113
32	ORD081182180	HEWLETT PACKARD COMPANY	CORVALLIS	112
33	ORO000004705	VAMHILL COUNTY TARGET RANGE	ΔΜΤͲΥ	103
34	ORD987201472	MATSUSHITA ELECTRONIC MATERIALS INC	FOREST GROVE	102
35	ORD050955848	WAH CHANG	AT.RANY	96
36	ORD987195088	OHKA AMERICA INC	HILLSBORO	90
37	ORD010736262	BLOUNT INC OREGON CUTTING SYSTEMS DIV	MILWAUKIE	87
38	ORD990659492	RHONE POULENC	PORTLAND	83
39	ORD009042532	TAYLOR LUMBER & TREATING INC	SHERIDAN	79
40	ORO000007641	COOS COUNTY BEAVER HILL DISPOSAL SITE	COOUTLLE	77
41	ORD009227398	VAN WATERS & ROGERS INC	PORTLAND	70
42	ORD027750645	CONTAINER MANAGEMENT SERVICES LLC	PORTLAND	55
43	ORD009024613	CROWN CORK & SEAL CO PLANT 87	PORTLAND	53
44	ORD009759085	CARLTON COMPANY	MILWAUKIE	51
45	ORD091296756	SCHROCK CABINET CO DIV WHITE CO	HILLSBORO	50
46	ORD063427306	FORREST PAINT CO	EUGENE	50
47	ORD980738306	CONTINENTAL BRASS CO	PORTLAND	47
48	ORD003992518	ELECTRONIC CONTROLS DESIGN INC	MULINO	46
49	ORD991281619	CONTAINER MANAGEMENT SERVICES LLC	PORTLAND	44
50	ORD000773960	VAN WATERS & ROGERS INC CONTAINER MANAGEMENT SERVICES LLC CROWN CORK & SEAL CO PLANT 87 CARLTON COMPANY SCHROCK CABINET CO DIV WHITE CO FORREST PAINT CO CONTINENTAL BRASS CO ELECTRONIC CONTROLS DESIGN INC CONTAINER MANAGEMENT SERVICES LLC BRITE SOL SERVICES INC	PORTLAND	44
TOTAL		CASCADE STEEL ROLLING MILLS INC OREGON STEEL MILLS INC CHEMICAL WASTE MANAGEMENT OF THE NW NORTHWEST ALUMINUM COMPANY FORT JAMES CORP RAINIER SAWMILL MERIX CORP PRAEGITZER INDUSTRIES INC IMATION ENTERPRISES CORP BOEING OF PORTLAND FREIGHTLINER CORP TRUCK MFG PLANT PRAEGITZER INDUSTRIES INC HMT TECHNOLOGY CORPORATION WESTAK OF OREGON INTEL CORPORATION ALOHA CAMPUS SCHNITZER INVESTMENT CORP SAFETY KLEEN SYSTEMS INC YAMAMOTO MFG USA INC EAST SIDE PLATING INC PLANTS 1 & 3 SAFETY KLEEN SYSTEMS INC 7-148-01 TEKTRONIX INC BEAVERTON CAMPUS ANODIZING INC COATING DIV SYNTHETECH INC PCC STRUCTURALS INC LPC INTEGRATED DEVICE TECHNOLOGY INC CASCADE GENERAL INC LOCKHEED MARTIN CORPORATION PCC STRUCTURALS INC SSBO FREIGHTLINER CORP PORTLAND PARTS PLANT OREGON METALLURGICAL CORPORATION J H BAXTER & CO EUGENE EAST SIDE PLATING INC PLANT 4 HEWLETT PACKARD COMPANY YAMHILL COUNTY TARGET RANGE MATSUSHITA ELECTRONIC MATERIALS INC WAH CHANG OHKA AMERICA INC BLOUNT INC OREGON CUTTING SYSTEMS DIV RHONE POULENC TAYLOR LUMBER & TREATING INC COOS COUNTY BEAVER HILL DISPOSAL SITE VAN WATERS & ROGERS INC CONTAINER MANAGEMENT SERVICES LLC CROWN CORK & SEAL CO PLANT 87 CARLTON COMPANY SCHROCK CABINET CO DIV WHITE CO FORREST PAINT CO CONTINENTAL BRASS CO ELECTRONIC CONTROLS DESIGN INC CONTAINER MANAGEMENT SERVICES LLC BRITE SOL SERVICES INC		20.060

38,069

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 2

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 31,338 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

TOTAL

31,338

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SLUDGE TREATMENT	M101-M109	13	.0	1	50.0
STABILIZATION	M111-M119	8,708	27.8	1	50.0
LANDFILL	M132	21,516	68.7	1	50.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,102	3.5	1	50.0
TOTAL		31,338	100.0	2	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LANDFILL	M132	21,516	68.7	1	50.0
STABILIZATION	M111-M119	8,708	27.8	1	50.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,102	3.5	1	50.0
SLUDGE TREATMENT	M101-M109	13	.0	1	50.0
TOTAL		31,338	100.0	2	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LANDFILL	M132	21,516	68.7	1	50.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,102	3.5	1	50.0
SLUDGE TREATMENT	M101-M109	13	.0	1	50.0
STABILIZATION	M111-M119	8,708	27.8	1	50.0
TOTAL		31,338	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 24,890 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 28,885 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 1,042

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 370,024 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

3	RANK EPA ID	SITE NAME	INC FRANKFORD RY CORP READING COMPLEX ATESVILLE FAC EL STEELTON TONAL PLATING SRVCS INC DORA OCCESSING INC LUM BRACKENRIDGE CO JEFFERSON PLT INSTOWN PRIMARY OP RISTOL PLT KOPPEL PLT INT BREEZE PROCESSING C CHEROKEE PLT CALS INC AMERICA MONACA CO HOUSTON CC CO CAL CO TY STEEL CO CO WASHINGTON LIES INC HNOLOGY CORP CERCLA SITE LOGIES INC RMY DEPOT HILL PIPE PLT AINER LES INC LEOLA L FREEDOM FORGE BURNHAM NC OATINGS & RESINS R&D RCUS HOOK REFINERY OATINGS & RESINS INC E CORP SITE STEEL INC LOGIES READING UCTS ROUSEVILLE REFINERY ND CLAIRTON ELOGIES READING UCTS ROUSEVILLE REFINERY ND CLAIRTON ELOID CO	CITY	TOTAL GENERATED (TONS)
	1 22200021		-114		41 250
	1 PAD002312	2/91 ALLIEDSIGNAL	INC FRANKFORD	PHILADELPHIA	41,358
	2 PAD99075	3089 GENERAL BATTE	RY CORP READING COMPLEX	READING	20,211
	3 PAD002326	5908 LUKENS INC CO	ATESVILLE FAC	COATESVILLE	19,171
	4 PAD003026	5531 BETHLEHEM STE	EL STEELTON	STEELTON	17,061
	5 PAD053676	6631 PRECISION NAT	'IONAL PLATING SRVCS INC	CLARKS SUMMIT	13,583
	6 PAD004325	5254 ARMCO INC LYN	DORA	LYNDORA	13,246
	/ PAD98/382	2108 WORLDCLASS PR	OCESSING INC	AMBRIDGE	10,466
	8 PAD004335	5154 ALLEGHENY LUD	DLUM BRACKENRIDGE	BRACKENRIDGE	10,234
	9 PAD002330	0165 EAST PENN MFG	- CO	LYON STATION	10,178
	10 PAD000606	285 HERCULES INC	JEFFERSON PLT	WEST ELIZABETH	9,352
	11 PAR00000	J307 BAR TECHN JOH	NSTOWN PRIMARY OP	JOHNSTOWN	8,617
	12 PADU8/56.	1015 INMETCO INC		ELLY CLLY	7,734
	13 PAD002292	2068 ROHM & HAAS B	RISTOL PLT	BRISTOL	5,940
	14 PAD00065.	1752 KOPPEL STEEL	KOPPEL PLT	KOPPEL	5,312
	15 PAD002289	9700 SUN CO INC PO	INT BREEZE PROCESSING	PHILADELPHIA	4,404
	16 PAD003043	3353 MERCK & CO IN	C CHEROKEE PLT	RIVERSIDE	4,248
	17 PAD030069	9140 QUALITY CHEMI	CALS INC	TYRONE	4,162
	18 PAD004372	2363 ZINC CORP OF	AMERICA MONACA	MONACA	3,884
	19 PAD000766	0063 LUKENS STEEL	CO HOUSTON	HOUSTON	3,871
	20 PAD042094	1938 TECHNEGLAS IN	C	PITTSTON	3,657
	21 PARUUUU12	2161 CAPARO STEEL	CO	FARRELL	3,514
	22 PAD980550	J412 LONZA INC		CONSHOHOCKEN	3,488
	23 PAD004334	1157 NEVILLE CHEMI	CAL CO	PITTSBURGH	3,123
	24 PAD981109	9135 ELLWOOD QUALI	TY STEEL CO	NEW CASTLE	3,111
	25 PAD004322	2509 LUKENS STEEL	CO WASHINGTON	WASHINGTON	2,900
	26 PADU/918.	1215 GNB TECHNOLOG	IES INC	DUNMORE	2,859
	27 PAD002344	1315 CARPENTER TEC	HNOLOGY CORP	READING	2,674
	28 PADU/3613	3663 TONOLLI CORP	CERCLA SITE	NESQUEHONING	2,610
	29 PAD004335	5485 SENSUS TECHNO	LOGIES INC	UNIONTOWN	2,521
	30 PA6213820	J5U3 LETTERKENNY A	KMA DEBOL	CHAMBERSBURG	2,485
	31 PADUU4320	0074 WITHOU CORD THE	HILL PIPE PLI	SHARON	2,449
	32 PADUU2330	JU/4 WIICU CORP IR	AINER	IRAINER	2,377
	33 PADU56//.	1405 C&D TECHNOLOG	TES INC LEULA	LEOLA	2,187
	34 PADU611U6	5209 STANDARD STEE	L FREEDOM FORGE BURNHAM	BURNHAM	2,122
	35 PADU42259	33/4 SARTOMER CO I	NC	WEST CHESTER	2,034
	30 PAD000050	0500 PPG IND INC C	DOUG HOOK DEETNEDY	MARGIG HOOK	1,996 1,981
	3/ PAD960550	310 DDG TND TNG G	RCUS HOUR REFINERS	MARCUS HOUR	1,961
	30 PADUU4330	7100 FIRE IND INC C	UAIINGS & RESINS	SPRINGDALE	1,865
	39 PADUS697	7190 KURZ HASIINGS	INC	PHILADELPHIA	1,021
	40 PAD000430	0201 RUEIGERS NEAS	E CORP	SIALE COLLEGE	1,734 1,613
	41 PAD014130	0611 HECK CTORDANO	CITE	PRANKLIN	1,013
	42 PAD902002	MAA TEL CDECTALEY	CTEEL INC	MIDIAND	1,429
	43 PAD004340	7700 INGENE EEGINO	SIEEL INC	MIDLAND	1,364
	44 PADUUZ3Z	7/06 LUCENI IECHNO	TOGIES READING	READING	1,364
	45 PADUU4323	1731 KUDDEBG TWD T	UCTS ROUSEVILLE REFINERY ND CLAIRTON	CLAIRTON	1,351
	47 PADJO1/40	9285 AMERICAN NICK	ND CLAIRTON ELOID CO	WALNUTPORT	1,186
			CHEM INC CALSICAT DIV		1,180
	40 PVDU4133;	7449 ERIE FORGE &	STEEL INC	ERIE	1,182
	50 PADU45/0	O THOMSON CONSTR	MER ELEC DUNMORE		1,176
	JU PADUUIOO	23/2 INOMBON CONSU	MEK EDEC DUNNORE	DOMNOKE	1,14/
	TOTAL				050 012

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

Changes to the 1997 Biennial Reporting requirements will make cursory comparisons of the 1997 National Biennial Report to earlier National Biennial Reports misleading. Refer to the Executive Summary (ES-2) for a complete explanation.

279,813

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	15,648	ONLY AN F CODE	28,135		
ONLY CORROSIVE	1,971	ONLY A K CODE	112,841		
ONLY REACTIVE	281	ONLY A P CODE	22		
ONLY D004-17	73,294	ONLY A U CODE	1,547		
ONLY D018-43	5,971				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	39,101	LISTED CODE	1,022		
TOTAL	136.266	TOTAL	143.567	BOTH CHARACTERISTIC & LISTED	89.940

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	22,031			IGN. W/ AT LEAST 1 LSTD	38,528
HAS CORROSIVE CODE	16,674			CORR. W/ AT LEAST 1 LSTD	6,012
HAS REACTIVE CODE	384			REACT. W/ AT LEAST 1 LSTD	432
HAS D004-D017 CODE	22,662			D004-17 W/ AT LEAST 1 LSTD	47,217
HAS D018-D043 CODE	19,916			D018-43 W/ AT LEAST 1 LSTD	21,760
		HAS AN F CODE	1,022	F WASTE W/ AT LEAST 1 CHAR	46,075
		HAS A K CODE	946	K WASTE W/ AT LEAST 1 CHAR	44,694
		HAS A P CODE	1	P WASTE W/ AT LEAST 1 CHAR	33
		HAS A U CODE	148	U WASTE W/ AT LEAST 1 CHAR	1,532
TOTAL	39,101	TOTAL	1,022	TOTAL	89,940

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

TONS OF WASTE

6 NUMBER OF RCRA TSD FACILITIES: 63

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 496,136 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
	HODGEHEAD DECOUDER DVI DE DALMEDEON	DALMEDEON	109,106
			54,614
			48,284
			40,204
			40,527
			36,520
			34,496
			25,690
			23,741
			22,624
			17,710
			9,922
			9,280
			5,478
		-	3,396
			2,906
PAD987283140			2,896
PAD980707087	ENVIROTROL INC BEAVER FALLS	BEAVER FALLS	2,655
PAD980550412	LONZA INC	CONSHOHOCKEN	2,654
PAD003043353	MERCK & CO INC CHEROKEE PLT	RIVERSIDE	960
PAD987367216	AERC	ALLENTOWN	830
PAD002330165	EAST PENN MFG CO	LYON STATION	572
PAD003038056	EI DUPONT TOWANDA	TOWANDA	450
PAD002390961	BETHLEHEM APPARATUS CO INC	HELLERTOWN	126
PAD980550594	SUN CO INC MARCUS HOOK REFINERY	MARCUS HOOK	109
PA0000453084	BETHLEHEM APPARATUS CO INC	BETHLEHEM	93
PA6213820503	LETTERKENNY ARMY DEPOT	CHAMBERSBURG	4
PAD002387926	MERCK & CO INC WEST POINT	WEST POINT	2
PA0890090004	US DOE BETTIS ATOMOC POWER LAB	WEST MIFFLIN	0
	PAD002395887 PAD002389559 PAD004835146 PAD002312791 PAD083965897 PAD087561015 PAD981038227 PAD085690592 PAD90753089 PAD010154045 PAD000736942 PAD000606285 PAD002292068 PAD987270725 PAD002292068 PAD987270725 PAD002289700 PAD987283140 PAD987550412 PAD0030343353 PAD987367216 PAD002390961 PAD980550594 PA0000453084 PA6213820503 PAD002387926 PA00890090004	PAD002395887 HORSEHEAD RESOURCE DVLPT PALMERTON PAD002389559 KEYSTONE CEMENT CO PAD004835146 MILL SERVICE INC YUKON PAD002312791 ALLIEDSIGNAL INC FRANKFORD PAD083965897 MEDUSA CEMENT CO PAD087561015 INMETCO INC PAD981038227 WORLD RESOURCES CO PAD085690592 REPUBLIC ENVIRONMENTAL SYS PA PAD010154045 ENVIRITE CORP PAD000736942 CALGON CARBON CORP PAD00066285 HERCULES INC JEFFERSON PLT PAD002292068 ROHM & HAAS BRISTOL PLT PAD002289700 SUN CO INC POINT BREEZE PROCESSING PAD987283140 UNITED ENVIRONMENTAL GROUP INC PAD980707087 PAD980550412 LONZA INC PAD003043353 MERCK & CO INC CHEROKEE PLT PAD002330165 EAST PENN MFG CO PAD003038056 EI DUPONT TOWANDA PAD002390961 BETHLEHEM APPARATUS CO INC PAD980550594 SUN CO INC MARCUS HOOK REFINERY PA0000453084 BETHLEHEM APPARATUS CO INC PAD980550594 MERCK & CO INC WEST POINT PA0890090004 US DOE BETTIS ATOMOC POWER LAB	PAD002395887 HORSEHEAD RESOURCE DVLPT PALMERTON PAD002389559 KEYSTONE CEMENT CO PAD004835146 MILL SERVICE INC YUKON YUKON PAD002312791 ALLIEDSIGNAL INC FRANKFORD PHILADELPHIA PAD00231548 HARCROS PIGMENTS INC EASTON PAD083965897 MEDUSA CEMENT CO WAMPUM PAD087561015 INMETCO INC PAD083965897 WORLD RESOURCES CO POTTSVILLE PAD081038227 WORLD RESOURCES CO POTTSVILLE PAD081038227 REPUBLIC ENVIRONMENTAL SYS PA HATFIELD PAD090753089 GENERAL BATTERY CORP READING COMPLEX PAD000736942 CALGON CARBON CORP PAD0000736942 CALGON CARBON CORP PAD0000606285 HERCULES INC JEFFERSON PLT WEST ELIZABETH PAD0002292068 ROHM & HAAS BRISTOL PLT BRISTOL PAD0877270725 ENVIROTROL INC DARLINGTON DARLINGTON PAD002289700 SUN CO INC POINT BREEZE PROCESSING PAD9807270725 ENVIROTROL INC BEAVER FALLS PAD980707087 ENVIROTROL INC BEAVER FALLS PAD9807367216 AERC PAD002330165 EAST PENN MFG CO PAD003034353 MERCK & CO INC CHEROKEE PLT RIVERSIDE PAD002330165 EAST PENN MFG CO PAD0030308056 EI DUPONT TOWANDA PAD002330165 EAST PENN MFG CO PAD003038056 EI DUPONT TOWANDA PAD002330165 EAST PENN MFG CO PAD003038056 EI DUPONT TOWANDA PAD002330061 BETHLEHEM APPARATUS CO INC PAD003038056 EI DUPONT TOWANDA PAD002387926 MERCK & CO INC WEST POINT WEST POINT WEST MIFFLIN PA0890090004 US DOE BETTIS ATOMOC POWER LAB WEST MIFFLIN

496,136

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE. FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	201,613	40.6	10	34.5
SOLVENTS RECOVERY	M021-M029	1,107	. 2	4	13.8
OTHER RECOVERY	M031-M039	59,359	12.0	5	17.2
INCINERATION	M041-M049	3,614	.7	2	6.9
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	146,419	29.5	5	17.2
SLUDGE TREATMENT	M101-M109	3,161	.6	4	13.8
STABILIZATION	M111-M119	80,686	16.3	4	13.8
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	177	.0	1	3.4
TOTAL		496,136	100.0	29	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	201,613	40.6	10	34.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	146,419	29.5	5	17.2
STABILIZATION	M111-M119	80,686	16.3	4	13.8
OTHER RECOVERY	M031-M039	59,359	12.0	5	17.2
INCINERATION	M041-M049	3,614	.7	2	6.9
SLUDGE TREATMENT	M101-M109	3,161	.6	4	13.8
SOLVENTS RECOVERY	M021-M029	1,107	.2	4	13.8
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	177	.0	1	3.4
TOTAL		496,136	100.0	29	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	201,613	40.6	10	34.5
OTHER RECOVERY	M031-M039	59,359	12.0	5	17.2
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	146,419	29.5	5	17.2
SOLVENTS RECOVERY	M021-M029	1,107	.2	4	13.8
SLUDGE TREATMENT	M101-M109	3,161	.6	4	13.8
STABILIZATION	M111-M119	80,686	16.3	4	13.8
INCINERATION	M041-M049	3,614	.7	2	6.9
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	177	.0	1	3.4
TOTAL		496,136	100.0	29	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 1,009

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 310,601 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	F'IF".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		OTTANTETEN
	RANK	EPA ID	SITE NAME	CITY READING COATESVILLE STEELTON CLARKS SUMMIT LYNDORA AMBRIDGE BRACKENRIDGE LYON STATION JOHNSTOWN ELLWOOD CITY KOPPEL HATFIELD TYRONE MONACA HOUSTON PITTSTON FARRELL RIVERSIDE PITTSBURGH NEW CASTLE WASHINGTON DUNMORE READING NESQUEHONING UNIONTOWN CHAMBERSBURG TRAINER LEOLA BURNHAM WESTCHESTER SPRINGDALE MARCUS HOOK LEWISBURG STATE COLLEGE WILKES BARRE PHILADELPHIA MIDLAND NEW KINGSTOWN READING WEST MIFFLIN CLAIRTON ERIE ERIE PITTSBURGH PHILADELPHIA TRAINER PHILADELPHIA HOLLSOPPLE ALLENTOWN	QUANTITY SHIPPED (TONS)
			GENERAL BATTERY CORP READING COMPLEX	READING	20 211
				COATESVILLE	19 171
			LUKENS INC COATESVILLE FAC BETHLEHEM STEEL STEELTON	COATESVILLE CTFFI.TOM	17 061
			PRECISION NATIONAL PLATING SRVCS INC	CI.APKG SIIMMIT	13 583
			ARMCO INC LYNDORA	I VNDODA	13,303
				AMBRIDGE	10 466
	7	PAD004335154	ALLEGHENY LUDIUM BRACKENRIDGE	BRACKENRIDGE	10,189
	8	PAD002330165	WORLDCLASS PROCESSING INC ALLEGHENY LUDLUM BRACKENRIDGE EAST PENN MFG CO	LYON STATION	9.606
	9	PAR000000307	BAR TECHN JOHNSTOWN PRIMARY OP	JOHNSTOWN	8.617
	10	PAD087561015	INMETCO INC	ELLWOOD CITY	7.484
	11	PAD000651752	KOPPEL STEEL KOPPEL PLT	KOPPEL	5,321
	12	PAD085690592	REPUBLIC ENVIRONMENTAL SYS PA	HATFIELD	4,897
	13	PAD030069140	OUALITY CHEMICALS INC	TYRONE	4,162
	14	PAD004372363	ZINC CORP OF AMERICA MONACA	MONACA	3,884
	15	PAD000766063	LUKENS STEEL CO HOUSTON	HOUSTON	3,871
	16	PAD042094938	TECHNEGLAS INC	PITTSTON	3,657
	17	PAR000012161	CAPARO STEEL CO	FARRELL	3,514
	18	PAD003043353	MERCK & CO INC CHEROKEE PLT	RIVERSIDE	3,271
	19	PAD004334157	NEVILLE CHEMICAL CO	PITTSBURGH	3,123
	20	PAD981109135	ELLWOOD QUALITY STEEL CO	NEW CASTLE	3,111
	21	PAD004322509	LUKENS STEEL CO WASHINGTON	WASHINGTON	2,900
	22	PAD079181186	GNB TECHNOLOGIES INC	DUNMORE	2,859
	23	PAD002344315	CARPENTER TECHNOLOGY CORP	READING	2,663
	24	PAD073613663	EAST FENN MFG CO BAR TECHN JOHNSTOWN PRIMARY OP INMETCO INC KOPPEL STEEL KOPPEL PLT REPUBLIC ENVIRONMENTAL SYS PA QUALITY CHEMICALS INC ZINC CORP OF AMERICA MONACA LUKENS STEEL CO HOUSTON TECHNEGLAS INC CAPARO STEEL CO MERCK & CO INC CHEROKEE PLT NEVILLE CHEMICAL CO ELLWOOD QUALITY STEEL CO LUKENS STEEL CO WASHINGTON GNB TECHNOLOGIES INC CARPENTER TECHNOLOGY CORP TONOLLI CORP CERCLA SITE SENSUS TECHNOLOGIES INC LETTERKENNY ARMY DEPOT WITCO CORP TRAINER C&D TECHNOLOGIES INC LEOLA STANDARD STEEL FREEDOM FORGE BURNHAM	NESQUEHONING	2,610
	25	PAD004335485	SENSUS TECHNOLOGIES INC	UNIONTOWN	2,521
	26	PA6213820503	LETTERKENNY ARMY DEPOT	CHAMBERSBURG	2,406
	27	PAD002330074	WITCO CORP TRAINER	TRAINER	2,336
	28	PAD056771405	C&D TECHNOLOGIES INC LEOLA STANDARD STEEL FREEDOM FORGE BURNHAM SAFETY KLEEN WESTCHESTER SARTOMER CO INC PPG IND INC COATINGS & RESINS SUN CO INC MARCUS HOOK REFINERY REMTECH ENVIRONMENTAL LEWISBERRY INC RUETGERS NEASE CORP HSCA GIORDANO SITE SUN CO INC POINT BREEZE PROCESSING J&L SPECIALTY STEEL INC SAFETY KLEEN NEW KINGSTOWN LUCENT TECHNOLOGIES READING SAFETY KLEEN WEST MIFFLIN KOPPERS IND IND CLAIRTON MALLINCKRODT CHEM INC CALSICAT DIV ERIE FORGE & STEEL INC PITTSBURGH INDUSTRIAL PLATING	LEOLA	2,187
	29	PAD061106209	STANDARD STEEL FREEDOM FORGE BURNHAM	BURNHAM	2,122
	30	PAD000738849	SAFETY KLEEN WESTCHESTER	WESTCHESTER	2,091
	31	PAD042259374	SARTOMER CO INC	WEST CHESTER	2,034
	32	PAD004336319	PPG IND INC COATINGS & RESINS	SPRINGDALE	1,963
	33	PAD980550594	SUN CO INC MARCUS HOOK REFINERY	MARCUS HOOK	1,872
	34	PAD067098822	REMITECH ENVIRONMENTAL LEWISBERRY INC	LEWISBURG	1,736
	35	PAD000436261	RUETGERS NEASE CORP	STATE COLLEGE	1,729
	30	PAD982662611	HSCA GIORDANO SITE	WILKES BARRE	1,513
	3/	PAD002269700	SUN CO INC POINT BREEZE PROCESSING	PHILADELPHIA	1,496
	30	PAD004340444	OWE SPECIALLY SIEER INC	MIDLAND	1,429
	40	PAD000130023	THEFT TECHNOLOGIES DEADING	NEW KINGSIOWN	1,363
	41	DAD982576258	CAFFTY KIFFN WEST MIFFILIN	WEST MIFFI.IN	1,304
	42	DAD981740731	KODDERS IND IND CLAIRTON	CI.AIRTON	1 210
	43	PAD01740731	MALLINCKRODT CHEM INC CALSICAT DIV	ERIE	1 178
	44	PAD045767449	ERIE FORGE & STEEL INC	ERIE	1 175
	45	PAD987397148	PITTSBURGH INDUSTRIAL PLATING	PITTSRIIRCH	1 094
			KURZ HASTINGS INC	PHILADELPHIA	1.074
			BAYWAY REFINING CO TRAINER REFINERY	TRAINER	1,001
	48	PA4170022418	BAYWAY REFINING CO TRAINER REFINERY NSWCCD SSES PHIL NAVAL BASE	PHILADELPHIA	998
			FIRSTMISS STEEL INC STONY CREEK MILL	TRAINER PHILADELPHIA HOLLSOPPLE	997
			SAFETY KLEEN ALLENTOWN	ALLENTOWN	990
7	TOTAL				000 605

220,685

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 30

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 446,935 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
		HORSEHEAD RESOURCE DVLPT PALMERTON		
		KEYSTONE CEMENT CO	BATH	54,614
		MILL SERVICE INC YUKON	YUKON	48,284
4	PAD002391548	HARCROS PIGMENTS INC	EASTON	40,489
5	PAD083965897	MEDUSA CEMENT CO	WAMPUM	36,519
	PAD087561015	INMETCO INC	ELLWOOD CITY	34,496
		REPUBLIC ENVIRONMENTAL SYS PA		27,998
			POTTSVILLE	25,690
9	PAD990753089	GENERAL BATTERY CORP READING COMPLEX	READING	22,624
10	PAD010154045	ENVIRITE CORP CALGON CARBON CORP	YORK	17,710
11	PAD000736942	CALGON CARBON CORP	PITTSBURGH	9,922
12	PAD987270725	ENVIROTROL INC DARLINGTON	DARLINGTON	3,396
13	PAD987283140	UNITED ENVIRONMENTAL GROUP INC	SEWICKLEY	2,896
14	PAD980707087	ENVIROTROL INC BEAVER FALLS	BEAVER FALLS	2,655
		REMTECH ENVIRONMENTAL LEWISBERRY INC		2,134
16	PAD000738849	SAFETY KLEEN WESTCHESTER SAFETY KLEEN NEW KINGSTOWN	WESTCHESTER	1,818
17	PAD000738823	SAFETY KLEEN NEW KINGSTOWN	NEW KINGSTOWN	1,064
	PAD987367216		ALLENTOWN	830
		SAFETY KLEEN ALLENTOWN		791
		SAFETY KLEEN FAIRLESS HILLS	FAIRLESS HILLS	789
		SAFETY KLEEN WEST MIFFLIN	WEST MIFFLIN	694
22	PAD981736143	SAFETY KLEEN JOHNSTOWN	JOHHSTOWN	684
23	PAD981737109	SAFETY KLEEN WILKES BARRE	WILKES BARRE	467
24	PAD086673407	SAFETY KLEEN ERIE	ERIE	411
		ASHLAND CHEMICAL CO FREEDOM	FREEDOM	316
		SAFETY KLEEN ATHENS	ATHENS	309
27	PAD002390961	BETHLEHEM APPARATUS CO INC	HELLERTOWN	126
28	PA0000453084	BETHLEHEM APPARATUS CO INC	BETHLEHEM	93
29	PAD000606285	HERCULES INC JEFFERSON PLT	WEST ELIZABETH	7
30	PAD009439662	GEMCHEM INC	LITITZ	0

TOTAL

446,935

QUANTITY

NOTE:

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE) SOLVENTS RECOVERY OTHER RECOVERY ENERGY RECOVERY (REUSE AS FUEL) SLUDGE TREATMENT STABILIZATION	M011-M019 M021-M029 M031-M039 M051-M059 M101-M109 M111-M119	201,041 651 59,359 91,140 147 80,686	46.4 .2 13.7 21.0 .0 18.6	9 1 5 3 2 3	50.0 5.6 27.8 16.7 11.1 16.7
OTHER DISPOSAL SPECIFIED IN COMMENTS TOTAL	M137	177 433,200	100.0	1	5.6

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	201,041	46.4	9	50.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	91,140	21.0	3	16.7
STABILIZATION	M111-M119	80,686	18.6	3	16.7
OTHER RECOVERY	M031-M039	59,359	13.7	5	27.8
SOLVENTS RECOVERY	M021-M029	651	.2	1	5.6
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	177	.0	1	5.6
SLUDGE TREATMENT	M101-M109	147	.0	2	11.1
TOTAL		433,200	100.0	18	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	201,041	46.4	9	50.0
OTHER RECOVERY	M031-M039	59,359	13.7	5	27.8
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	91,140	21.0	3	16.7
STABILIZATION	M111-M119	80,686	18.6	3	16.7
SLUDGE TREATMENT	M101-M109	147	.0	2	11.1
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	177	.0	1	5.6
SOLVENTS RECOVERY	M021-M029	651	.2	1	5.6
TOTAL		433,200	100.0	18	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 309,031 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 190,543 TONS

1997 WASTE GENERATION

TOTAL GENERATED

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 106

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 54,120 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	ABBOTT CHEMICAL PLANT SOUTH DUPONT AGRICHEMICALS CARIBE, INC. ELI LILLY INDUSTRIES, INC. PFIZER PHARMACEUTICALS INC THE UPJOHN MANUFACTURING MANUEL DEL VALLE INC. MERCK SHARP & DOHME QUIMICA SHERING INDUSTRIAL DEVELOPMENT PHILLIPS PUERTO RICO CORE INC. BRISTOL MYERS BARCELONETA JOHNSON & JOHNSON PHARMACEUTICALS NYCOMED P.R. INC. OMJ PHARM ABBOTT CHEMICALS, INC. CYANAMID AGRICULTURAL DE PR CIRCO CARIBE(VIASYSTEMS PR INC) IPR PHARMACEUTICALS LOCTITE P.R. INC QUALLTY ELECTROPLATING PUERTO RICO SUN OIL CO. STAR KIST CARIBE, INC. SQUIBB MANUFACTURING, INC. DAVIS AND GECK, INC QUALEX CARIBE CO. SCHERING PLOUGH PRODUCTS INC. SARTORIUS INC. NAVAL STATION ROOSEVELT ROADS EL NUEVO DIA MERCK SHARP AND DOHME QUIMICA DE PR, INC CUTLER -HAMMER DE PR CO. UNION CARBIDE CARIBE INC. SAN JUAN STEAM PLANT (P.R.A.E.E) DUPONT ELECTRONIC MATERIALS WARNER-LAMBERT INC. PRODUCTOS CIRCUITOS DE PUERTO RICO	CITY	(TONS)
1	PRD987374451	ABBOTT CHEMICAL PLANT SOUTH	BARCELONETA	9,846
2	PRD981130131	DUPONT AGRICHEMICALS CARIBE, INC.	MANATI	6,911
3	PRD091024786	ELI LILLY INDUSTRIES, INC.	MAYAGUEZ	6,538
4	PRD090346909	PFIZER PHARMACEUTICALS INC	BARCELONETA	5,923
5	PRD090398074	THE UPJOHN MANUFACTURING	ARECIBO	5,544
6	PRD982791220	MANUEL DEL VALLE INC.	TOA BAJA	5,000
7	PRD090028101	MERCK SHARP & DOHME QUIMICA	BARCELONETA	3,623
8	PRD090139536	SHERING INDUSTRIAL DEVELOPMENT	MANATI	1,547
9	PRD991291972	PHILLIPS PUERTO RICO CORE INC.	GUAYAMA	1,005
10	PRD090036021	BRISTOL MYERS BARCELONETA	BARCELONETA	887
11	PRD980536049	JOHNSON & JOHNSON PHARMACEUTICALS	GURABO	665
12	PRD991291949	NYCOMED P.R. INC.	BARCELONETA	533
13	PRD000692525	OMJ PHARM	GUAYAMA	426
14	PRD090131251	ABBOTT CHEMICALS, INC.	BARCELONETA	411
15	PRD091065102	CYANAMID AGRICULTURAL DE PR	MANATI	401
16	PRD991291857	CIRCO CARIBE(VIASYSTEMS PR INC)	SAN GERMAN	355
17	PRD987373578	IPR PHARMACEUTICALS	GUAYAMA	352
18	PRD090506239	LOCTITE P.R. INC	SABANA GRANDE	246
19	PRD090592544	QUALITY ELECTROPLATING	CAGUAS	233
20	PRD090074071	PUERTO RICO SUN OIL CO.	YABUCOA	222
21	PRD980644397	STAR KIST CARIBE, INC.	MAYAGUEZ	199
22	PRD090021056	SQUIBB MANUFACTURING, INC.	HUMACAO	193
23	PRD091200477	DAVIS AND GECK, INC	MANATI	161
24	PRD987381068	QUALEX CARIBE CO.	CAROLINA	151
25	PRD980768410	SCHERING PLOUGH PRODUCTS INC.	LAS PIEDRAS	141
26	PRDU49532807	SARTURIUS INC.	YAUCU	137
27	PR21/002/203	NAVAL STATION ROOSEVELT ROADS	CEIBA	126
28	PRD981563091	EL NUEVO DIA	GUAYNABO	122
29	PRD98/3/843/	MERCK SHARP AND DOHME QUIMICA DE PR, INC CUTLER -HAMMER DE PR CO. UNION CARBIDE CARIBE INC. SAN JUAN STEAM PLANT (P.R.A.E.E) DUPONT ELECTRONIC MATERIALS WARNER-LAMBERT INC. PRODUCTOS CIRCUITOS DE PUERTO RICO SEARLE & CO.	ARECIBO	119
30	PRD000708305	CUTLER -HAMMER DE PR CO.	TOA BAJA	115
31	DDD000644406	CAN THAN CHEAN DIAME (D.D. A. E. E.)	PENUELAS	114
32	DDD0007504430	DIDONE ELECTRONIC MATERIALC	SAN JUAN MANAUT	70
2.4	PRD900739443	MADNED LAMBERS INC	MANAII	76 75
24	DDD001144709	DRODUCTOR CIRCUITOR DE DUEDTO DICO	VEGA DAUA	74
36	PKD091003/43	CENDIE C CO	CACIIAC	74
37	DDD000010223	DIDONT MEDCK DUADMA	MANATT	70
30	DDD090713300	OPTUO DUADMACTITICAI	MANATT	68
30	DPD980594683	TEYACO DIEPTO PICO	CIIAVNARO	64
40	DRD000304003	OGRAM GVINANTA DR CORD	LUCUILLO	63
41	PRD091049262	THERMO KING CARIBBEAN	CTALES	59
42	PRD091198366	MILLIPORE CORPORATION	CIDRA	57
43	PRD090009457	LILLY DEL CARIBE PRO2	CAROLINA	55
44	PRD101793834	WESLEY JESSEN (PHERTO RICO) INC.	CIDRA	55
45	PRD090466996	ISLAND LITHO CORP.	BAYAMON	55
46	PRD090613357	CHEMSOURCE CORPORATION	GUAYAMA	54
47	PRD980526180	ANTILLES ELECTROPLATING	BAYAMON	47
48	PRD981564735	GENERAL INSTRUMENT PR INC	BARCELONETA	43
49	PRD987366044	PEPSI CO.	CIDRA	38
50	PRD987380078	SUNDSTRAND DE PR	SANTA ISABEL	35
		WARNER-LAMBERT INC. PRODUCTOS CIRCUITOS DE PUERTO RICO SEARLE & CO. DUPONT MERCK PHARMA ORTHO PHARMACEUTICAL TEXACO PUERTO RICO OSRAM SYLVANIA PR CORP THERMO KING CARIBBEAN MILLIPORE CORPORATION LILLY DEL CARIBE PRO2 WESLEY JESSEN (PUERTO RICO) INC. ISLAND LITHO CORP. CHEMSOURCE CORPORATION ANTILLES ELECTROPLATING GENERAL INSTRUMENT PR INC PEPSI CO. SUNDSTRAND DE PR		

TOTAL 53,397

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	7,445	ONLY AN F CODE	4,250		
ONLY CORROSIVE	32	ONLY A K CODE	81		
ONLY REACTIVE	20	ONLY A P CODE	43		
ONLY D004-17	863	ONLY A U CODE	3		
ONLY D018-43	70				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	7,581	LISTED CODE	258		
TOTAL	16,011	TOTAL	4,635	BOTH CHARACTERISTIC & LISTED	33,459

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	7,283			IGN. W/ AT LEAST 1 LSTD	33,112
HAS CORROSIVE CODE	2,120			CORR. W/ AT LEAST 1 LSTD	243
HAS REACTIVE CODE	5,067			REACT. W/ AT LEAST 1 LSTD	24
HAS D004-D017 CODE	525			D004-17 W/ AT LEAST 1 LSTD	3,084
HAS D018-D043 CODE	306			D018-43 W/ AT LEAST 1 LSTD	8,968
		HAS AN F CODE	258	F WASTE W/ AT LEAST 1 CHAR	33,288
		HAS A K CODE	208	K WASTE W/ AT LEAST 1 CHAR	101
		HAS A P CODE	50	P WASTE W/ AT LEAST 1 CHAR	39
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	234
TOTAL	7,581	TOTAL	258	TOTAL	33,459

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 28

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 70,188 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

				TONS OF WASTE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	PRD090399718	SAFETY KLEEN ENVIRONSYSTEMS CO.	MANATI	32,619
2	PRD981182421	SAFETY KLEEN ENVIRONSYSTEMS (DORADO)	DORADO	32,082
3	PRD090028101	MERCK SHARP & DOHME QUIMICA	BARCELONETA	3,559
4	PRD090398074	THE UPJOHN MANUFACTURING	ARECIBO	1,800
5	PRD991291949	NYCOMED P.R. INC.	BARCELONETA	69
6	PRD090466996	ISLAND LITHO CORP.	BAYAMON	29
7	PRD980594618	UNION CARBIDE CARIBE INC.	PENUELAS	25
8	PRD090074071	PUERTO RICO SUN OIL CO.	YABUCOA	5

TOTAL 70,188

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	14,859	21.2	4	50.0
INCINERATION	M041-M049	3,629	5.2	2	25.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	148	.2	1	12.5
FUEL BLENDING	M061	51,523	73.4	2	25.0
STABILIZATION	M111-M119	17	.0	2	25.0
LANDFILL	M132	13	.0	1	12.5
TOTAL		70,188	100.0	8	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING SOLVENTS RECOVERY INCINERATION ENERGY RECOVERY (REUSE AS FUEL) STABILIZATION LANDFILL	M061 M021-M029 M041-M049 M051-M059 M111-M119 M132	51,523 14,859 3,629 148 17	73.4 21.2 5.2 .2 .0	2 4 2 1 2	25.0 50.0 25.0 12.5 25.0 12.5
TOTAL		70,188	100.0	8	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	QVQTDM	QUANTITY	PERCENTAGE	AHIMDED OF	PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
SOLVENTS RECOVERY	M021-M029	14,859	21.2	4	50.0
FUEL BLENDING	M061	51,523	73.4	2	25.0
INCINERATION	M041-M049	3,629	5.2	2	25.0
STABILIZATION	M111-M119	17	.0	2	25.0
LANDFILL	M132	13	.0	1	12.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	148	. 2	1	12.5
TOTAL		70,188	100.0	8	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

QUANTITY

96,846

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 104

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 97,587 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SAFETY KLEEN ENVIRONSYSTEMS CO. SAFETY KLEEN ENVIRONSYSTEMS (DORADO) ABBOTT CHEMICAL PLANT SOUTH DUPONT AGRICHEMICALS CARIBE, INC. PFIZER PHARMACEUTICALS INC THE UPJOHN MANUFACTURING ELI LILLY INDUSTRIES, INC. BRISTOL MYERS BARCELONETA PHILLIPS PUERTO RICO CORE INC. JOHNSON & JOHNSON PHARMACEUTICALS NYCOMED P.R. INC. OMJ PHARM SHERING INDUSTRIAL DEVELOPMENT ABBOTT CHEMICALS, INC. CYANAMID AGRICULTURAL DE PR CIRCO CARIBE(VIASYSTEMS PR INC) IPR PHARMACEUTICALS MCNEIL CONSUMMER PRODUCTS LOCTITE P.R. INC QUALITY ELECTROPLATING CARIBE GE PRODUCTS ARECIBO STAR KIST CARIBE, INC. SQUIBB MANUFACTURING, INC. PUERTO RICO SUN OIL CO. DAVIS AND GECK, INC QUALEX CARIBE CO. SCHERING PLOUGH PRODUCTS INC. SARTORIUS INC. MERCK SHARP & DOHME QUIMICA NAVAL STATION ROOSEVELT ROADS MERCK SHARP AND DOHME QUIMICA DE PR, INC CUTLER -HAMMER DE PR CO. UNION CARBIDE CARIBE INC. SAN JUAN STEAM PLANT (P.R.A.E.E) DUPONT ELECTRONIC MATERIALS EL NUEVO DIA ACCUPHARMA RESEARCH & SCIENTIFIC CONS PRODUCTOS CIRCUITOS DE PUERTO RICO WARNER-LAMBERT INC. SEARLE & CO. DUPONT MERCK PHARMA ORTHO PHARMACEUTICAL TEXACO PUERTO RICO OSRAM SYLVANIA PR CORP THERMO KING CARIBBEAN	CITY	SHIPPED (TONS)
	DDD000300710	CARRON MIRRA ENTADONGVORRAG CO	 MANAET	47 546
7	PRD090399/10	CAPERTY KIERN ENVIRONGYCHEMG (DODADO)	MANATI	11 010
2	DDD0072744E1	ADDOUG GUENTANI DIANE GOURU	DARGEL ONE	11,919
3	PKD90/3/4451	ABBUIL CHEMICAL PLANT SOUTH	MANATT	6 011
4	PRD901130131	DUPONI AGRICHEMICALS CARIBE, INC.	MANA I I	6,911
5	PRD090346909	PFIZER PHARMACEUTICALS INC	ADECIDO	5,922
7	PRD090396074	THE UPUUMN MANUFACTURING	MANACIEZ	1 076
,	DDD000036031	DDIOTOL MYEDO DADOELONETA	DADGEL ONESS	1,076
0	PRD090036021	BRISIOL MIERS BARCELONEIA	BARCELONEIA	941
10	DDD000E36040	TOUNGON C TOUNGON DUADMAGRIFFICAT C	GUATAMA	665
11	PKD96U536U49	NVCOMED D D INC	DADCET ONETA	1/10
12	PKD991291949	OMI DUADM	CHAVAMA	426
12	DDD000092323	CUPDING INDICEDIAL DEVELODMENT	MANATT	117
1.4	PRD090139330	ADDOTT CUENTCALC INC	DADGELONETA	417
15	DDD00106E103	CYNNAMID ACRICILITIDAL DE DD	MANATT	404
16	DDD91003102	CIANAMID AGRICULIURAL DE PR	CAN CEPMAN	355
17	DD007777570	TOD DUADMACTITTCALC	CIIAVAMA	353
1Ω	DD000757570	MONETI CONCIMMED DEODICTO	TAC DIFDDAC	263
10	DDD00101914	IOCTITE D D INC	CADAMA CDAMDE	203
20	DDD000000239	OUNTITY DIFCTPODIATING	CACITAC	233
21	DBDU000392344	CARIRE GE PRODUCTS ARECTRO	ARECIRO	233
22	PRD980644397	STAR KIST CARIBE INC	MAYAGHEZ	199
23	PRD090021056	SOUTER MANUFACTURING INC	HIIMACAO	193
24	PRD090021030	PHERTO RICO SIIN OIL CO	VARIICOA	183
25	PRD091200477	DAVIS AND GECK. INC	MANATT	161
26	PRD987381068	OUALEX CARIBE CO.	CAROLINA	151
27	PRD980768410	SCHERING PLOUGH PRODUCTS INC.	LAS PIEDRAS	141
28	PRD049532807	SARTORIUS INC.	YAUCO	137
29	PRD090028101	MERCK SHARP & DOHME OUIMICA	BARCELONETA	126
30	PR2170027203	NAVAL STATION ROOSEVELT ROADS	CEIBA	125
31	PRD987378437	MERCK SHARP AND DOHME QUIMICA DE PR, INC	ARECIBO	117
32	PRD000708305	CUTLER -HAMMER DE PR CO.	TOA BAJA	115
33	PRD980594618	UNION CARBIDE CARIBE INC.	PENUELAS	101
34	PRD980644496	SAN JUAN STEAM PLANT (P.R.A.E.E)	SAN JUAN	93
35	PRD980759443	DUPONT ELECTRONIC MATERIALS	MANATI	77
36	PRD981563091	EL NUEVO DIA	GUAYNABO	75
37	PRD987381803	ACCUPHARMA RESEARCH & SCIENTIFIC CONS	CATANO IND. PARK	74
38	PRD091063743	PRODUCTOS CIRCUITOS DE PUERTO RICO	JUANA DIAZ	74
39	PRD091144709	WARNER-LAMBERT INC.	VEGA BAJA	73
40	PRD090378225	SEARLE & CO.	CAGUAS	71
41	PRD090413568	DUPONT MERCK PHARMA	MANATI	70
42	PRD980764401	ORTHO PHARMACEUTICAL	MANATI	68
43	PRD980594683	TEXACO PUERTO RICO	GUAYNABO	64
44	PRD000706432	OSRAM SYLVANIA PR CORP	LUQUILLO	63
45	PRD091049262	THERMO KING CARIBBEAN	CIALES	
46	PRD090009457	LILLY DEL CARIBE PR02	CAROLINA	55
47	PRD101793834	WESLEY JESSEN (PUERTO RICO) INC.	CIDRA	48
48	PRD980526180	ANTILLES ELECTROPLATING	BAYAMON	47
49	PRD091198366	MILLIPORE CORPORATION	CIDRA	46
50	PRD981564735	PRODUCTOS CIRCUITOS DE PUERTO RICO WARNER-LAMBERT INC. SEARLE & CO. DUPONT MERCK PHARMA ORTHO PHARMACEUTICAL TEXACO PUERTO RICO OSRAM SYLVANIA PR CORP THERMO KING CARIBBEAN LILLY DEL CARIBE PRO2 WESLEY JESSEN (PUERTO RICO) INC. ANTILLES ELECTROPLATING MILLIPORE CORPORATION GENERAL INSTRUMENT PR INC	BARCELONETA	43
TOTAL				06.046

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 2

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 66,584 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

| QUANTITY | RANK | EPA | ID | SITE | NAME | CITY | RECEIVED (TONS) | CITY | CI

TOTAL

66,584

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	13,030	20.1	2	100.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	148	. 2	1	50.0
FUEL BLENDING	M061	51,523	79.6	2	100.0
TOTAL		64,701	100.0	2	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	51,523	79.6	2	100.0
SOLVENTS RECOVERY	M021-M029	13,030	20.1	2	100.0
ENERGY RECOVERY (REUSE A	S FUEL) M051-M059	148	.2	1	50.0
TOTAL		64,701	100.0	2	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	51,523	79.6	2	100.0
SOLVENTS RECOVERY	M021-M029	13,030	20.1	2	100.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	148	.2	1	50.0
TOTAL		64,701	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 38 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 39,802 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 107

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 11,643 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

•	RANK EPA ID	A HAZARDOUS WASTE GENERATORS IN THE STATE, SITE NAME	CITY EAST PROVIDENCE WARWICK SMITHFIELD COVENTRY CENTRAL FALLS CRANSTON COVENTRY (FISKVILLE) CUMBERLAND PROVIDENCE	TOTAL GENERATED (TONS)
	1 DID0012020E0	 MOBIL OIL CORP- EAST PROV. TERMINAL	EACH DROUDENCE	4,670
		21ST CENTURY ENVIRONMENTAL MGMT. OF RI	WADWICK	994
		NEW ENGLAND CONTAINER	CMITTUTTEID	506
	4 PTD001805670	HOECHST CELANESE CORPORATION	COVENTRY	380
		OSRAM SYLVANIA	COVENIKI	376
		CHEM-PAK CORPORATION	CENTRAL FALLS CRANGTON	368
	7 RID058065707	ARKWRIGHT, INC.	COVENTRY (FICKVII.I.F)	293
		AIR PRODUCTS AND CHEMICALS INC. UNION INDUSTRIES INC. NAVAL UNDERSEA WARFARE CENTER TEXACO/STAR ENTERPRISE SALES TERMINAL SOLUOL CHEMICAL CO., INC. OLIN MICROELECTRONIC MATERIALS ADVANCED CHEMICAL COMPANY	CUMPEDIAND	239
	9 RID075704999	INTON INDUCTORS INC.	DROWIDENCE	214
	10 RI8170024790	NAVAT TINDEDGEA WADEADE CENTED	NEMDODT	212
	11 RID059741520	TEYACO/CTAD ENTEDDDICE CALEC TERMINAL	DBUILDENGE	166
		SOLUDI. CHEMICAL CO INC	MEST MARMICK	164
	13 PID001200930	OLIN MICROELECTRONIC MATERIALS	FAST DROVIDENCE	149
	14 PID073720030	ADVANCED CHEMICAL COMDANY	MADMICK EASI INCAIDEMCE	143
	15 PT1170024243	NAVAL FOLICATION AND TRAINING CENTER	NEMDORT	133
	16 RID047987060	PRECISION ART COORDINATORS INC	EAST PROVIDENCE	118
	17 RID046615019	LITTLE & CO INC	PROVIDENCE	109
	18 RTD987490315	NEW ENGLAND UNION CO INC	WEST WARWICK	109
	19 PT500011387	CLAPIANT CORDORATION	COVENTRY	106
	20 PID058058405	CHERRY SEMICONDUCTOR CORDORATION	FAST CREENWICH	104
	21 RID0001187277	PROVIDENCE METALLIZING CO. INC.	PAWTUCKET	103
	22 RID001199728	COOLEY. INC.	PAWTICKET	100
	23 RID001670884	INTERPLEX METALS	PROVIDENCE	95
	24 RID001070001	CHEMART CO	I.TNCOLN	76
	25 RTD981202351	LENOX INCORPORATED D/B/A CORHAM	SMITHFIELD	73
	26 RID059735944	SOLUOL CHEMICAL CO., INC. OLIN MICROELECTRONIC MATERIALS ADVANCED CHEMICAL COMPANY NAVAL EDUCATION AND TRAINING CENTER PRECISION ART COORDINATORS, INC. LITTLE & CO. INC. NEW ENGLAND UNION CO. INC. CLARIANT CORPORATION CHERRY SEMICONDUCTOR CORPORATION PROVIDENCE METALLIZING CO., INC. COOLEY, INC. INTERPLEX METALS CHEMART CO. LENOX INCORPORATED D/B/A GORHAM MONARCH METAL FINISHING CO. INC. RIDGEWOOD PROVIDENCE POWER PARTNERS	PROVIDENCE	73
	27 RID987488301	RIDGEWOOD PROVIDENCE POWER PARTNERS	JOHNSTON	67
	28 RID980668610	RIBCO MFG. INC.	PROVIDENCE WARWICK EAST GREENWICH LINCOLN WARWICK WARWICK PROVIDENCE	66
	29 RID099421810	RIBCO MFG. INC. ENGELHARD CORPORATION STANLEY-BOSTITCH A.T. CROSS COMPANY LEVITON MFG. CO. INC.	WARWICK	64
	30 RID051507044	STANLEY-BOSTITCH	EAST GREENWICH	63
	31 RID001201508	A.T. CROSS COMPANY	LINCOLN	58
	32 RID001190750	LEVITON MFG. CO. INC.	WARWICK	54
	33 RID981064447	PRECISION ETCHINGS & FINDINGS	WARWICK	53
	34 RID001189273	QUEBECOR PRINTING PROVIDENCE INC.	PROVIDENCE	48
	35 RI5000000968	SILHOUETTES INC.	WOONSOCKET	48
		TANURY INDUSTRIES	WOONSOCKET LINCOLN PROVIDENCE	46
	37 RID001459890	UNCAS MANUFACTURING CO.	PROVIDENCE	46
	38 RID987489473		CRANSTON	44
	39 RID001191055	MONET GROUP INC.	EAST PROVIDENCE	40
	40 RID063927966	G. TANURY PLATING COMPANY	JOHNSTON JOHNSTON	38
	41 RID000769661	EVANS PLATING CORPORATION	JOHNSTON	37
	42 RID001199272	B.A. BALLOU & CO. INC.	EAST PROVIDENCE	36
	43 RID001191931	EVANS PLATING CORPORATION	EAST PROVIDENCE CENTREDALE CRANSTON	31
	44 RID001438480	CRANSTON PRINT WORKS	CRANSTON	30
	45 RID987467248	INTERNATIONAL ETCHING, INC.	PROVIDENCE	29
	46 RID072216583	IRA GREEN INC.	PROVIDENCE	29
	47 RID075725952	B.A. BALLOU & CO. INC. EVANS PLATING CORPORATION CRANSTON PRINT WORKS INTERNATIONAL ETCHING, INC. IRA GREEN INC. GENERAL ELECTRIC	PROVIDENCE PROVIDENCE PROVIDENCE	28
	48 RID042131318	ARLON INC. ADHESIVES AND FILMS DIV.	EAST PROVIDENCE	28
	49 RID980914550	ESS LABORATORY	CRANSTON	24
	50 RID001198514	KENYON INDUSTRIES INC.	KENYON	24
	TOTAL			11 104

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

Changes to the 1997 Biennial Reporting requirements will make cursory comparisons of the 1997 National Biennial Report to earlier National Biennial Reports misleading. Refer to the Executive Summary (ES-2) for a complete explanation.

11,104

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	713	ONLY AN F CODE	1,035		
ONLY CORROSIVE	145	ONLY A K CODE	0		
ONLY REACTIVE	32	ONLY A P CODE	1		
ONLY D004-17	957	ONLY A U CODE	10		
ONLY D018-43	213				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	5,422	LISTED CODE	1		
TOTAL	7,482	TOTAL	1,047	BOTH CHARACTERISTIC & LISTED	3,096

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	2,023			IGN. W/ AT LEAST 1 LSTD	2,582
HAS CORROSIVE CODE	331			CORR. W/ AT LEAST 1 LSTD	97
HAS REACTIVE CODE	1,353			REACT. W/ AT LEAST 1 LSTD	99
HAS D004-D017 CODE	4,677			D004-17 W/ AT LEAST 1 LSTD	1,218
HAS D018-D043 CODE	4,965			D018-43 W/ AT LEAST 1 LSTD	1,433
		HAS AN F CODE	1	F WASTE W/ AT LEAST 1 CHAR	3,088
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	1	P WASTE W/ AT LEAST 1 CHAR	974
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	36
TOTAL	5,422	TOTAL	1	TOTAL	3,096

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 3

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 3,840 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

TONS OF WASTE
RANK EPA ID SITE NAME CITY MANAGED
---- 1 RID084802842 CHEM-PAK CORPORATION CRANSTON 3,840

3,840

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY INCINERATION FUEL BLENDING	M021-M029 M041-M049 M061	943 4 2,893	24.5 .1 75.3	1 1 1	100.0 100.0 100.0
TOTAL		3,840	100.0	1	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING SOLVENTS RECOVERY INCINERATION	M061 M021-M029 M041-M049	2,893 943 4	75.3 24.5 .1	1 1 1	100.0 100.0 100.0
TOTAL		3,840	100.0	1	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING SOLVENTS RECOVERY	M061 M021-M029	2,893 943	75.3 24.5	1 1	100.0
INCINERATION TOTAL	M041-M049	3,840	100.0	1	100.0

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

QUANTITY

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 104

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 9,747 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	MOBIL OIL CORP- EAST PROV. TERMINAL 21ST CENTURY ENVIRONMENTAL MGMT. OF RI CHEM-PAK CORPORATION NORTHLAND ENVIRONMENTAL INC. NEW ENGLAND CONTAINER HOECHST CELANESE CORPORATION OSRAM SYLVANIA ARKWRIGHT, INC. AIR PRODUCTS AND CHEMICALS INC. NAVAL UNDERSEA WARFARE CENTER SOLUOL CHEMICAL CO., INC. TEXACO/STAR ENTERPRISE SALES TERMINAL OLIN MICROELECTRONIC MATERIALS ADVANCED CHEMICAL COMPANY NAVAL EDUCATION AND TRAINING CENTER PRECISION ART COORDINATORS, INC. NEW ENGLAND UNION CO. INC. CLARIANT CORPORATION CHERRY SEMICONDUCTOR CORPORATION PROVIDENCE METALLIZING CO., INC. COLEY, INC. CHEMART CO. LENOX INCORPORATED D/B/A GORHAM MONARCH METAL FINISHING CO. INC. RIDGEWOOD PROVIDENCE POWER PARTNERS RIBCO MFG. INC. ENCELHARD CORPORATION STANLEY-BOSTITCH A.T. CROSS COMPANY LEVITON MFG. CO. INC. PRECISION ETCHINGS & FINDINGS UNION INDUSTRIES INC. SILHOUETTES INC. SILHOUETTES INC. SILHOUETTES INC. MONET GROUP INC. UNCAS MANUFACTURING CO. G. TANURY PLATING COMPANY EVANS PLATING CORPORATION OUEBECOR PRINTING PROVIDENCE INC. CRANSTON PRINT WORKS IRA GREEN INC. INTERNATIONAL ETCHING, INC. GENERAL ELECTRIC ARLON INC. ADHESIVES AND FILMS DIV. ESS LABORATORY KENYON INDUSTRIES INC. METECH INTERNATIONAL, INC.	CITY	SHIPPED (TONS)
1	RID001202050	MOBIL OIL CORP- EAST PROV. TERMINAL	EAST PROVIDENCE	1.872
2	RID980906986	21ST CENTURY ENVIRONMENTAL MGMT. OF RI	WARWICK	994
3	RTD084802842	CHEM-PAK CORPORATION	CRANSTON	931
4	RTD040098352	NORTHLAND ENVIRONMENTAL INC	PROVIDENCE	675
5	RTD048976732	NEW ENGLAND CONTAINER	SMITHFIELD	506
6	RID010970732	HOECHST CELANESE CORPORATION	COVENTRY	381
7	RID001198605	OSRAM SYLVANIA	CENTRAL FALLS	376
8	RID058065707	ARKWRIGHT, INC.	COVENTRY (FISKVILLE)	293
9	RID062310230	AIR PRODUCTS AND CHEMICALS INC.	CUMBERLAND	236
10	RI8170024790	NAVAL UNDERSEA WARFARE CENTER	NEWPORT	210
11	RID001200930	SOLUOL CHEMICAL CO., INC.	WEST WARWICK	164
12	RID059741520	TEXACO/STAR ENTERPRISE SALES TERMINAL	PROVIDENCE	163
13	RID075728030	OLIN MICROELECTRONIC MATERIALS	EAST PROVIDENCE	147
14	RID059735761	ADVANCED CHEMICAL COMPANY	WARWICK	143
15	RI1170024243	NAVAL EDUCATION AND TRAINING CENTER	NEWPORT	133
16	RID047987060	PRECISION ART COORDINATORS, INC.	EAST PROVIDENCE	118
17	RID987490315	NEW ENGLAND UNION CO. INC.	WEST WARWICK	109
18	RI5000011387	CLARIANT CORPORATION	COVENTRY	106
19	RID058058405	CHERRY SEMICONDUCTOR CORPORATION	EAST GREENWICH	104
20	RID001187277	PROVIDENCE METALLIZING CO., INC.	PAWTUCKET	103
21	RID001199728	COOLEY, INC.	PAWTUCKET	93
22	RID000791434	CHEMART CO.	LINCOLN	76
23	RID981202351	LENOX INCORPORATED D/B/A GORHAM	SMITHFIELD	73
24	RID059735944	MONARCH METAL FINISHING CO. INC.	PROVIDENCE	73
25	RID987488301	RIDGEWOOD PROVIDENCE POWER PARTNERS	JOHNSTON	67
26	RID980668610	RIBCO MFG. INC.	PROVIDENCE	66
27	RID099421810	ENGELHARD CORPORATION	WARWICK	64
28	RID051507044	STANLEY-BOSTITCH	EAST GREENWICH	59
29	RID001201508	A.T. CROSS COMPANY	LINCOLN	58
30	RID001190750	LEVITON MFG. CO. INC.	WARWICK	54
31	RID981064447	PRECISION ETCHINGS & FINDINGS	WARWICK	53
32	RID075704999	UNION INDUSTRIES INC.	PROVIDENCE	53
33	RI5000000968	SILHOUETTES INC.	WOONSOCKET	48
34	RID001460534	TANURY INDUSTRIES	LINCOLN	46
35	RID000769661	EVANS PLATING CORPORATION	JOHNSTON	46
36	RID0016/0884	INTERPLEX METALS	PROVIDENCE	45
3 /	RID98/4903/2	MUTUAL METALS INC.	PROVIDENCE	41
38	RID001191055	MONET GROUP INC.	EAST PROVIDENCE	41
39	RID001459890	UNCAS MANUFACTURING CO.	PROVIDENCE	39
40	RID063927966	G. TANURY PLATING COMPANY	JOHNSTON	38
41	RID001191931	EVANS PLAIING CORPORATION	DESTINATE	30
42	RIDUUI1092/3	QUEBECON PRINTING PROVIDENCE INC.	CDANGEON	34
4.5	RID001436460	CRANSION PRINT WORKS	CRAINSTOIN	30
44	DID007467040	THE GREEN INC.	DROVIDENCE	29
46	RID907407240 RID075725952	GENERAL ELECTRIC	PROVIDENCE PROVIDENCE	28
47	RTD042131318	ARION INC ADHESIVES AND FILMS DIV	EAST PROVIDENCE	28
48	RTD980914550	ESS LABORATORY	CRANSTON	24
49	RID001198514	KENYON INDUSTRIES INC	KENYON	24
50	RID063890214	METECH INTERNATIONAL, INC.	MAPLEVILLE	23
30		LENOX INCORPORATED D/B/A GORHAM MONARCH METAL FINISHING CO. INC. RIDGEWOOD PROVIDENCE POWER PARTNERS RIBCO MFG. INC. ENGELHARD CORPORATION STANLEY-BOSTITCH A.T. CROSS COMPANY LEVITON MFG. CO. INC. PRECISION ETCHINGS & FINDINGS UNION INDUSTRIES INC. SILHOUETTES INC. TANURY INDUSTRIES EVANS PLATING CORPORATION INTERPLEX METALS MUTUAL METALS INC. MONET GROUP INC. UNCAS MANUFACTURING CO. G. TANURY PLATING COMPANY EVANS PLATING CORPORATION QUEBECOR PRINTING PROVIDENCE INC. CRANSTON PRINT WORKS IRA GREEN INC. INTERNATIONAL ETCHING, INC. GENERAL ELECTRIC ARLON INC. ADHESIVES AND FILMS DIV. ESS LABORATORY KENYON INDUSTRIES INC. METECH INTERNATIONAL, INC.		25
TOTAL				
				0 100

9,183

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 2

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 30,868 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

| QUANTITY | RANK | EPA | ID | SITE NAME | CITY | RECEIVED (TONS) | CITY | RECEIVED (TONS) | CITY |

TOTAL

30,868

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	943	24.5	1	100.0
INCINERATION	M041-M049	4	.1	1	100.0
FUEL BLENDING	M061	2,893	75.3	1	100.0
TOTAL		3,840	100.0	1	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	2,893	75.3	1	100.0
SOLVENTS RECOVERY	M021-M029	943	24.5	1	100.0
INCINERATION	M041-M049	4	.1	1	100.0
				_	
TOTAL		3,840	100.0	1	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING	M061	2,893	75.3	1	100.0
SOLVENTS RECOVERY	M021-M029	943	24.5	1	100.0
INCINERATION	M041-M049	4	.1	1	100.0
TOTAL		3,840	100.0	1	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 25,239 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 9,091 TONS

SOUTH CAROLINA

1997 WASTE GENERATION

TOTAL GENERATED

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 341

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 10,793 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

	EPA ID	SITE NAME	CITY	(TONS)
		ALBEMARLE CORP ORANGEBURG PLT	ODANGEDIDG	2 102
		SAFETY KLEEN ROEBUCK INC	ORANGEBURG	3,183
	SCD981407010 SCD980500052		ROEBUCK	2,456 2,270
			GEORGETOWN	749
		PETRO CHEM SC	ROCK HILL	
	SCD003351996 SCD003351699	CAROLINA PLATING WORKS INC	GREENVILLE	708 375
		GIANT CEMENT COMPANY	HARLEYVILLE	212
		LAIDLAW ENV SVS OF SC INC	PINEWOOD	
		GREENWOOD PLATING INC	GREENWOOD	150
		SYBRON CHEMICALS INC	WELLFORD	146
	SCD062706767	REEVES BROTHERS PBG USA	SPARTANBURG	102
	SC1890008989	DOE/WSRC SAVANNAH RIVER SITE	JACKSON	77
	SCD981031040	SAFETY KLEEN SYSTEMS INC GREER	GREER	45
	SCR000000752	PAXAR CORP	ROCK HILL	38
	SCD003361805	METAL TRADES INC	YONGES ISLAND	32
		DELAVAN FUEL METERING PRODUCTS OPERATION		27
	SCD003344496	SCHLUMBERGER RESOURCE MANAGEMENT SERV	WEST UNION	26
	SCD987566981	INTERLAKE MATERIAL HANDLING DIV	SUMTER	26
		ASHLAND CHEMICAL CO-COLA	COLUMBIA	22
	SCD085857753	MARK IV AUTOMOTIVE DAYCO FLUID HANDLING	EASLEY	18
	SCD000417097		GREENVILLE	15
	SCD003159753	ZENITH ENGRAVING CO INC	CHESTER	14
	SCD037400892	COATES INKS USA INC	GREER	10
	SCD000645747	BP OIL CO SWEETWATER TERMINAL	NORTH AUGUSTA	8
24	SC8170022620		GOOSE CREEK	8
	SCD083421982	HELIOCOFLEX COMPANY (COMPONENTS DIV)	COLUMBIA	6
26	SCR000004432	IRIX PHARMACEUTICALS INC DEACTIVATED	FLORENCE	6
		USAF-POINSETT ELECTRONIC COMBAT RANGE	WEDGEFIELD	5
28	SC0000328906	ANNEX TO CHARLESTON NAVAL COMPLEX	N CHARLESTON	5
29	SCD003363074	NORTH SAFETY PRODUCTS DIV OF SIEBE NORTH	CLOVER	4
30	SC1750216169	USMC AIR STATION	BEAUFORT	4
31	SCD981017080	VERMONT AMERICAN CORP-FOUNTAIN INN DIV	FOUNTAIN INN	3
32	SCD003344363	EI DUPONT DE NEMOURS & CO (MAY PLANT LUG	LUGOFF	3
33	SCD980845218	THOMAS & BETTS CORPORATION	GAFFNEY	3
34	SCD982116204	WESTINGHOUSE AIR BRAKE COMPANY	COLUMBIA	3
35	SCD062559331	NIPA HARDWICKE INC ROCK HILL	ROCKHILL	3 3
36	SCD003342938	ELISKIM INC	ANDERSON	3
37	SC7570024466	USAF-SHAW AIR FORCE BASE	SHAW AFB	3
38	SCD057554909	EAGLE AVIATION INCORPORATED	WEST COLUMBIA	3
39	SC3210020449	USATC & FORT JACKSON	FORT JACKSON	2
40	SCD982085813	MECO METAL FINISHING USA INC	ROCK HILL	2
41	SCD980603658	MCKECHNIE VEHICLE COMPONENTS	PROSPERITY	1
42	SCD061520557	FRIGIDAIRE HOME PRODUCT	ORANGEBURG	1
43	SCD000622688	COLONIAL PIPELINE CO (BELTON JCT FAC)	BELTON	1
43	SCD981866007	ENGELHARD CORPORATION	SENECA	1
	SCD980848717	CARPENTER TECHNOLOGY CORPORATION	ORANGEBURG	1
46	SC3570024460	USAF-CHARLESTON AIR FORCE BASE	CHARLESTON AFB	1
	SCD000623231	COLONIAL PIPELINE CO (SPART DEL FAC)	SPARTANBURG	1
	SC6170022762	· · · · · · · · · · · · · · · · · · ·	PARRIS ISLAND	1
	SCD030091953	GE APPARATUS SERVICE CTR	GREENVILLE	1
	SC0000468520	SAFETY COMPONENTS FABRIC TECHNOLOGIES	GREENVILLE	1
	SC0690308309	US COAST GUARD-CHARLESTON	CHARLESTON	ī
TOTAL				
				10 704

10,784

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

SOUTH CAROLINA

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	33	ONLY AN F CODE	1,313		
ONLY CORROSIVE	891	ONLY A K CODE	0		
ONLY REACTIVE	7	ONLY A P CODE	6		
ONLY D004-17	1,120	ONLY A U CODE	31		
ONLY D018-43	10				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	60	LISTED CODE	0		
TOTAL	2,121	TOTAL	1,349	BOTH CHARACTERISTIC & LISTED	7,322

5 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE MULTIPLY CODED

WASTE HAS ONLY	TONS OF	ONLY LISTED	TONS OF	BOTH CHAR,	TONS OF
CHARACTERISTIC CODES	WASTE	CODES BUT HAS	WASTE	AND LISTED	WASTE
BUT MORE THAN ONE APPLIES	GENERATED	MORE THAN ONE	GENERATED	CODES	GENERATED
HAS IGNITABLE CODE	57			IGN. W/ AT LEAST 1 LSTD	7,309
HAS CORROSIVE CODE	4			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	1			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	51			D004-17 W/ AT LEAST 1 LSTD	3
HAS D018-D043 CODE	56			D018-43 W/ AT LEAST 1 LSTD	13
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	7,318
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	9
TOTAL	60	TOTAL	0	TOTAL	7,322

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

SOUTH CAROLINA

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 22

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 302,472 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

	EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1	SCD070375985	LAIDLAW ENV SVS OF SC INC	PINEWOOD	142,052
2	SCD003368891	SAFETY KLEEN SYSTEMS INC HOLLY HILL	HOLLY HILL	56,079
3	SCD981467616	SAFETY KLEEN ROEBUCK INC	ROEBUCK	31,542
4	SCD077995488	SAFETY KLEEN SYSTEMS INC LEXINGTON	LEXINGTON	23,151
5	SCD036275626	SOUTHEASTERN CHEMICALS & SOLVENTS CO	SUMTER	22,466
6	SCD044442333	PETRO CHEM SC	ROCK HILL	21,886
7	SCD043384072	ALBEMARLE CORP ORANGEBURG PLT	ORANGEBURG	3,183
8	SCD980500052	3V INC	GEORGETOWN	2,099
9	SC9570090002	USAF-POINSETT ELECTRONIC COMBAT RANGE	WEDGEFIELD	11
10	SC1890008989	DOE/WSRC SAVANNAH RIVER SITE	JACKSON	2
11	SC8170022620	USN-CHARLESTON NAVAL WEAPONS STATION	GOOSE CREEK	1

TOTAL 302,472

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	OUANTITY	FACILITIES	FACILITIES
MANAGEMENT METHOD	TIPE CODE	(TONS)	QUANTITI	PACILITIES	PACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	1	.0	1	9.1
SOLVENTS RECOVERY	M021-M029	45,616	15.1	3	27.3
OTHER RECOVERY	M031-M039	23,987	7.9	4	36.4
INCINERATION	M041-M049	90,815	30.0	5	45.5
STABILIZATION	M111-M119	1	.0	1	9.1
LANDFILL	M132	142,052	47.0	1	9.1
TOTAL		302,472	100.0	11	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
LANDFILL INCINERATION SOLVENTS RECOVERY OTHER RECOVERY STABILIZATION METALS RECOVERY (FOR REUSE)	M132 M041-M049 M021-M029 M031-M039 M111-M119 M011-M019	142,052 90,815 45,616 23,987 1	47.0 30.0 15.1 7.9 .0	1 5 3 4 1	9.1 45.5 27.3 36.4 9.1 9.1
TOTAL		302,472	100.0	11	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

WANT GRAPHY METEROD	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	M041-M049	90,815	30.0	5	45.5
OTHER RECOVERY	M031-M039	23,987	7.9	4	36.4
SOLVENTS RECOVERY	M021-M029	45,616	15.1	3	27.3
LANDFILL	M132	142,052	47.0	1	9.1
METALS RECOVERY (FOR REUSE)	M011-M019	1	.0	1	9.1
STABILIZATION	M111-M119	1	.0	1	9.1
TOTAL		302,472	100.0	11	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

WASTE SHIPMENTS

TABLES 12, 13 AND 14 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN SOUTH CAROLINA THAT REPORTED SHIPPING RCRA HAZARDOUS WASTE IN 1997.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 9

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 413,322 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

RANK EPA ID	SITE NAME	CITY	QUANTITY RECEIVED (TONS)
1 SCD070375985	LAIDLAW ENV SVS OF SC INC	PINEWOOD	141,840
2 SCD003351699	GIANT CEMENT COMPANY	HARLEYVILLE	105,229
3 SCD003368891	SAFETY KLEEN SYSTEMS INC HOLLY HILL	HOLLY HILL	56,079
4 SCD077995488	SAFETY KLEEN SYSTEMS INC LEXINGTON	LEXINGTON	33,521
5 SCD981467616	SAFETY KLEEN ROEBUCK INC	ROEBUCK	32,931
6 SCD036275626	SOUTHEASTERN CHEMICALS & SOLVENTS CO	SUMTER	22,466
7 SCD044442333	PETRO CHEM SC	ROCK HILL	21,249
8 SC9570090002	USAF-POINSETT ELECTRONIC COMBAT RANGE	WEDGEFIELD	6
9 SCD069314045	MILLIKEN CHEMICAL-DEWEY PLANT	INMAN	1

413,322

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY OTHER RECOVERY INCINERATION STABILIZATION LANDFILL	M021-M029 M031-M039 M041-M049 M111-M119 M132	45,616 20,708 87,599 1 141,840	15.4 7.0 29.6 .0 48.0	2 2 3 1 1	28.6 28.6 42.9 14.3 14.3
TOTAL		295,763	100.0	7	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF OUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
	TITE CODE	(10105)	QUANTITI	TACIBITIES	TACIDITIES
LANDFILL	M132	141,840	48.0	1	14.3
INCINERATION	M041-M049	87,599	29.6	3	42.9
SOLVENTS RECOVERY	M021-M029	45,616	15.4	2	28.6
OTHER RECOVERY	M031-M039	20,708	7.0	2	28.6
STABILIZATION	M111-M119	1	.0	1	14.3
TOTAL		295,763	100.0	7	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	M041-M049	87,599	29.6	3	42.9
SOLVENTS RECOVERY	M021-M029	45,616	15.4	2	28.6
OTHER RECOVERY	M031-M039	20,708	7.0	2	28.6
LANDFILL	M132	141,840	48.0	1	14.3
STABILIZATION	M111-M119	1	.0	1	14.3
TOTAL		295,763	100.0	7	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED. COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 315,690 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 0 TONS

1997 WASTE GENERATION

TOTAL GENERATED

948

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 21

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 948 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

PANK	EPA ID	SITE NAME 3M BOOKINGS MEDICAL/SURGICAL DIVISION SAFETY-KLEEN CORP. STAR CIRCUITS, INC. ALUMAX EXTRUSIONS, INC. ANGUS INDUSTRIES, INC. DBA ANGUS-PALM	CTTY	(TONS)
				(1010)
1	SDD078668696	3M BOOKINGS MEDICAL/SURGICAL DIVISION	BROOKINGS	309
2	SDD000716696	SAFETY-KLEEN CORP.	SIOUX FALLS	276
3	SDD981545577	STAR CIRCUITS, INC.	BROOKINGS	68
4	SDD096407838	ALUMAX EXTRUSIONS, INC.	YANKTON	61
5	SDD982596942	ANGUS INDUSTRIES, INC. DBA ANGUS-PALM	WATERTOWN	59
6	SDD007262215	DALE ELECTRONICS, INC.	YANK'I'ON	22
7	SDD049521511	DAKTRONICS, INC. STARMARK, INCORPORATED	BROOKINGS	22
8	SDD094698321	STARMARK, INCORPORATED	SIOUX FALLS	17
9	SDD982649766	TRAIL KING INDUSTRIES, INC.	MITCHELL	16
10	SD2571924644	ELLSWORTH AIR FORCE BASE	ELLSWORTH AFB	15
11	SDD078013760	CR INDUSTRIES, INC.	SPRINGFIELD	14
12	SDD061536843	WHEELER LUMBER	WHITEWOOD	13
13	SDD000003855	CCL LABEL	SIOUX FALLS	13
14	SDD982649717	CR INDUSTRIES, INC. WHEELER LUMBER CCL LABEL JOHN MORRELL & CO.	SIOUX FALLS	13
15	SDD093919660	SHELDAHL, INC.	ABERDEEN	8
16	SDD006167407	WHEELER MFG. CO., INC.	LEMMON	8
17	SDR000000752	RMR INDUSTRIES	WATERTOWN	5
18	SDD987673753	ENRON NORTHERN NATURAL GAS COMPANY	HARRISBURG	4
19	SDD980951370	T & R SERVICE COMPANY	COLMAN	3
20	SDR000002618	USEPA CLEAN UP - FAWICK PARK	SIOUX FALLS	1
TOTAL				

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	45	ONLY AN F CODE	138		
ONLY CORROSIVE	1	ONLY A K CODE	0		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	37	ONLY A U CODE	0		
ONLY D018-43	7				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	335	LISTED CODE	0		
TOTAL	424	TOTAL	138	BOTH CHARACTERISTIC & LISTED	385

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	284			IGN. W/ AT LEAST 1 LSTD	383
HAS CORROSIVE CODE	48			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	332			D004-17 W/ AT LEAST 1 LSTD	4
HAS D018-D043 CODE	284			D018-43 W/ AT LEAST 1 LSTD	88
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	385
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	0
TOTAL	335	TOTAL	0	TOTAL	385

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

- 6 NUMBER OF RCRA TSD FACILITIES: 2
- 7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 0 TONS

TABLES 8, 9, 10 AND 11 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN SOUTH DAKOTA THAT REPORTED MANAGING RCRA HAZARDOUS WASTE IN 1997 OTHER THAN AS A STORAGE ONLY FACILITY.

956

SOUTH DAKOTA

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 21

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 956 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

	EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
		3M BOOKINGS MEDICAL/SURGICAL DIVISION		309
2	SDD000716696	SAFETY-KLEEN CORP.	SIOUX FALLS	305
3	SDD981545577	STAR CIRCUITS, INC.	BROOKINGS	72
4	SDD096407838	ALUMAX EXTRUSIONS, INC.	YANKTON	61
5	SD0000852491	SD DEPT. OF AGRICULTURE - AG. SERVICES	PIERRE	24
6	SDD049521511	DAKTRONICS, INC.	BROOKINGS	21
7	SD2571924644	ELLSWORTH AIR FORCE BASE	ELLSWORTH AFB	20
8	SDD007262215	DALE ELECTRONICS, INC.	YANKTON	17
9	SDD094698321	STARMARK, INCORPORATED	SIOUX FALLS	17
10	SDD982596942	ANGUS INDUSTRIES, INC. DBA ANGUS-PALM	WATERTOWN	17
11	SDD982649766	TRAIL KING INDUSTRIES, INC.	MITCHELL	16
12	SDD061536843	WHEELER LUMBER	WHITEWOOD	16
13	SDD078013760	CR INDUSTRIES, INC.	SPRINGFIELD	14
	SDD000003855		SIOUX FALLS	12
15	SDD982649717	JOHN MORRELL & CO.	SIOUX FALLS	9
16	SDD093919660	SHELDAHL, INC.	ABERDEEN	8
17	SDD006167407	WHEELER MFG. CO., INC.	LEMMON	6
18		RMR INDUSTRIES	WATERTOWN	4
19	SDD987673753	ENRON NORTHERN NATURAL GAS COMPANY	HARRISBURG	4
20	SDD980951370	T & R SERVICE COMPANY	COLMAN	3
21	SDR000002618	USEPA CLEAN UP - FAWICK PARK		1

TOTAL

NOTE:

COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 1

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 255 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

255

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

TABLES 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN SOUTH DAKOTA THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE FROM OFFSITE IN 1997 OTHER THAN STORAGE ONLY FACILITIES.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 96 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 954 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 461

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 745,458 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

3	RANK EPA ID	SITE NAME TENN EASTMAN DIVISION OF EASTMAN CHEMICA UNISYS EARHART SITE, BRISTOL, TN ALLTRISTA ZINC PRODUCTS L.P. YALE SECURITY INC. LAIDLAW ENVIRONMENTAL SERVICES OF NASHVI REFINED METALS CORPORATION GENERAL SMELTING & REFINING, INC. SNAP-ON TOOLS CORPORATION ROBERTSHAW TENNESSEE SAFETY-KLEEN (TS) INC SAVAGE ZINC INC ALLWORTH OF TN, INC. WILLIAM L BONNELL CO., INC., THE WHELAND FOUNDRY DIV OF N AMERICAN ROYALT EXCEL TSD INC SAFETY-KLEEN SERVICES (GS) INC AMERISTEEL EXIDE CORPORATION VELSICOL CHEMICAL MAPCO PETROLEUM INC VELSICOL CHEMICAL CORP U.S. DOE Y-12 PLANT CALSONIC MANUFACTURING CORP. US DEPT OF ENERGY E TN TECHNOLOGY PARK HOEGANAES CORPORATION, GALLATIN PLANT NISSAN MOTOR MANUFACTURING CORPORATION, ZENECA INC WEST AMERISTEEL KNOXVILLE STEEL MILL DIV. NASHVILLE THERMAL TRANSFER CORPORATION ALUMINUM COMPANY OF AMERICA—SOUTH PLANT E I DUPONT DE NEMOURS & CO INC ICI ACRYLICS- MEMPHIS (FITE RD) GTS SAFETY-KLEEN CORP AFG INDUSTRIES INC GREENLAND PLANT	CITY	TOTAL GENERATED (TONS)
	RANK EPA ID			
	1 TND003376928	TENN EASTMAN DIVISION OF EASTMAN CHEMICA	KINGSPORT	177,517
	2 TND982139115	UNISYS EARHART SITE, BRISTOL, TN	BRISTOL	126,418
	3 TND053983862	ALLTRISTA ZINC PRODUCTS L.P.	GREENEVILLE	120,187
	4 TND095050019	YALE SECURITY INC.	LENOIR CITY	79,517
	5 TND981922826	LAIDLAW ENVIRONMENTAL SERVICES OF NASHVI	NASHVILLE	49,737
	6 TND067690040	REFINED METALS CORPORATION	MEMPHIS	25,572
	7 TND004048690	GENERAL SMELTING & REFINING, INC.	COLLEGE GROVE	24,283
	8 TND071530620	SNAP-ON TOOLS CORPORATION	JOHNSON CITY	16,982
	9 TND980709950	ROBERTSHAW TENNESSEE	CARTHAGE	15,988
	10 TND000645770	SAFETY-KLEEN (TS) INC	GREENBRIER	8,884
	11 TND081460651	SAVAGE ZINC INC	CLARKSVILLE	8,853
	12 TND981920119	ALLWORTH OF TN, INC.	MOUNT PLEASANT	8,294
	13 TND04/000898	WILLIAM L BONNELL CO., INC., THE	CARTHAGE	7,787
	14 TND003332012	WHELAND FOUNDRY DIV OF N AMERICAN ROYALT	CHATTANOOGA	7,183
	15 TND98084/024	EXCEL TSD INC	MEMPHIS MILITNOTON	6,914 5,747
	17 TND000014321	AMPDICTOR	TACKSON	7,717 1,979
	18 TM0002992207	FYIDE CORDORATION	RRISTOI.	3 243
	19 TND007024664	VELSICOL CHEMICAL	MEMPHIS	3,243
	20 TND007024004	MAPCO PETROLEUM INC	MEMPHIS	2 719
	21 TND061314803	VELSICOL CHEMICAL CORP	CHATTANOOGA	2,598
	22 TN3890090001	U.S. DOE Y-12 PLANT	OAK RIDGE	1,795
	23 TND101768182	CALSONIC MANUFACTURING CORP.	SHELBYVILLE	1,771
	24 TN0890090004	US DEPT OF ENERGY E TN TECHNOLOGY PARK	OAK RIDGE	1,602
	25 TND095686473	HOEGANAES CORPORATION, GALLATIN PLANT	GALLATIN	1,525
	26 TND054481205	NISSAN MOTOR MANUFACTURING CORPORATION,	SMYRNA	1,434
	27 TND083525634	ZENECA INC WEST	MT PLEASANT	1,402
	28 TND041150533	AMERISTEEL KNOXVILLE STEEL MILL DIV.	KNOXVILLE	1,222
	29 TND078217726	NASHVILLE THERMAL TRANSFER CORPORATION	NASHVILLE	1,199
	30 TND003383551	ALUMINUM COMPANY OF AMERICA-SOUTH PLANT	ALCOA	1,137
	31 TND007024672	E I DUPONT DE NEMOURS & CO INC	MEMPHIS	1,070
	32 TND987789583	ICI ACRYLICS- MEMPHIS (FITE RD)	MEMPHIS	1,026
	33 TND98215/5/0	GTS	OAK RIDGE	906
	34 TND987777695	SAFETY-KLEEN CORP	KNOXVILLE	863
	35 TND037909348	AFG INDUSTRIES INC GREENLAND PLANT CAPPTY_KIPPN CYCTPMC INC 3_100_01	CHURCH HILL	844 839
	37 TM0210020582	SAFETY-KLEEN SYSTEMS INC 3-109-01 MILAN ARMY AMMUNITION PLANT	MTT.AN	835
	38 TND991279480	AFG INDUSTRIES INC GREENLAND PLANT SAFETY-KLEEN SYSTEMS INC 3-109-01 MILAN ARMY AMMUNITION PLANT PERMA-FIX ENVIRONMENTAL SERVICES, INC. GENERAL ELECTRIC CO	MEMDHIS	672
	39 TND078565249	GENERAL ELECTRIC CO	SELMER	568
	40 TND007017288		MEMPHIS	560
	41 TND004038550	ZENECA INC EAST	MT PLEASANT	556
	42 TND048120083	PETERBILT MOTORS CO	MADISON	544
	43 TND120603170	QO CHEMICALS INC A SUBSIDIARY OF GREAT L	MEMPHIS	538
	44 TND980316301	U.S. PIPE & FOUNDRY COVALVE & FITTING	CHATTANOOGA	525
	45 TND982152324	BEKAERT CORPORATION DYERSBURG	INDUSTRIAL PARK	505
		NORTH AMERICAN GALVANIZING CO	NASHVILLE	478
	47 TND034871350		PULASKI	393
		HARMAN AUTOMOTIVE INC	BOLIVAR	383
			SPRING HILL	369
	50 TND003337292	OLIN CORPORATION - CHARLESTON PLANT	CHARLESTON	359
	TOTAL			F20.050

732,250

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	2,826	ONLY AN F CODE	318,251		
ONLY CORROSIVE	27,129	ONLY A K CODE	7,508		
ONLY REACTIVE	885	ONLY A P CODE	305		
ONLY D004-17	77,088	ONLY A U CODE	127,245		
ONLY D018-43	1,557				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	127,956	LISTED CODE	168		
TOTAL	237,440	TOTAL	453,477	BOTH CHARACTERISTIC & LISTED	54,210

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	15,116			IGN. W/ AT LEAST 1 LSTD	37,690
HAS CORROSIVE CODE	117,148			CORR. W/ AT LEAST 1 LSTD	8,556
HAS REACTIVE CODE	2,547			REACT. W/ AT LEAST 1 LSTD	2,358
HAS D004-D017 CODE	119,649			D004-17 W/ AT LEAST 1 LSTD	17,446
HAS D018-D043 CODE	10,739			D018-43 W/ AT LEAST 1 LSTD	11,300
		HAS AN F CODE	110	F WASTE W/ AT LEAST 1 CHAR	41,744
		HAS A K CODE	16	K WASTE W/ AT LEAST 1 CHAR	11,907
		HAS A P CODE	73	P WASTE W/ AT LEAST 1 CHAR	2,185
		HAS A U CODE	136	U WASTE W/ AT LEAST 1 CHAR	3,690
TOTAL	127,956	TOTAL	168	TOTAL	54,210

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 30

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 403,094 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

NK	EPA ID	SITE NAME	CITY KINGSPORT NASHVILLE ANTIOCH MEMPHIS GREENBRIER MILLINGTON MEMPHIS OAK RIDGE CHATTANOOGA MILAN KNOXVILLE MEMPHIS NASHVILLE OAK RIDGE MILLINGTON CHARLESTON MEMPHIS MEMPHIS OAK RIDGE KINGSTON KNOXVILLE CHATTANOOGA TULLAHOMA KINGSPORT MEMPHIS MEMPHIS MEMPHIS MEMPHIS MEMPHIS MEMPHIS OAK RIDGE KINGSTON KNOXVILLE CHATTANOOGA TULLAHOMA KINGSPORT MEMPHIS MEMPHIS MEMPHIS MEMPHIS MEMPHIS MOUNT PLEASANT BORDER	TONS OF WAST MANAGED
1	TND003376928	TENN EASTMAN DIVISION OF EASTMAN CHEMICA	 KINGSPORT	176.05
		LAIDLAW ENVIRONMENTAL SERVICES OF NASHVI	NASHVILLE	135.14
		SAFETY KLEEN (WT) INC	ANTIOCH	35.23
1	TND067690040	SAFETY KLEEN (WT) INC REFINED METALS CORPORATION	MEMPHIS	30.38
5	TND000645770	SAFETY-KLEEN (TS) INC	GREENBRIER	9.14
6	TND000614321	SAFETY-KLEEN SERVICES (GS) INC	MILLINGTON	6,86
7	TND007024664	SAFETY-KLEEN (TS) INC SAFETY-KLEEN SERVICES (GS) INC VELSICOL CHEMICAL	MEMPHIS	2,61
8	TN0890090004	US DEPT OF ENERGY E TN TECHNOLOGY PARK	OAK RIDGE	1,31
9	TND061314803	VELSICOL CHEMICAL CORP	CHATTANOOGA	1,28
10	TN0210020582	VELSICOL CHEMICAL CORP MILAN ARMY AMMUNITION PLANT	MILAN	79
11	TND987777695	SAFETY-KLEEN CORP EXCEL TSD INC	KNOXVILLE	74
		EXCEL TSD INC	MEMPHIS	67
13	TND981474125	SAFETY-KLEEN SYSTEMS INC 3-109-01	NASHVILLE	63
14	TN3890090001	U.S. DOE Y-12 PLANT	OAK RIDGE	50
15	TND000772186	POLLUTION CONTROL INDUSTRIES (PCI)-MEMPH	MILLINGTON	38
16	TND003337292	OLIN CORPORATION - CHARLESTON PLANT	CHARLESTON	34
		ICI ACRYLICS- MEMPHIS (FITE RD)	MEMPHIS	30
18	TND991279480	PERMA-FIX ENVIRONMENTAL SERVICES, INC.	MEMPHIS	24
19	TN1890090003	U.S. DOE, OAK RIDGE NATIONAL LABORATORY	OAK RIDGE	14
20	TND982109142	DIVERSIFIED SCIENTIFIC SERVICES INC (DSS	KINGSTON	9
		ROHM AND HAAS COMPANY	KNOXVILLE	6
22	TND003331766	E. I. DU PONT DE NEMOURS & CO INC	CHATTANOOGA	5
		ARNOLD ENGINEERING DEVELOPMENT CENTER/SD	TULLAHOMA	3
24	TN5210020421	HOLSTON ARMY AMMUNITION PLANT	KINGSPORT	2
25	TN4210020570	MEMPHIS DEPOT CARETAKER	MEMPHIS	2
26	TN2170022600	HOLSTON ARMY AMMUNITION PLANT MEMPHIS DEPOT CARETAKER NAVAL SUPPORT ACTIVITY MID-SOUTH	MEMPHIS	
27	TND981920119	ALLWORTH OF TN, INC.	MOUNT PLEASANT	
28	TN5210020140	101ST AIRBORNE DIVISION (AIR ASSAULT) &	BORDER	

TOTAL 403,094

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	413	.1	4	14.3
INCINERATION	M041-M049	189,425	47.0	22	78.6
STABILIZATION	M111-M119	23	.0	3	10.7
LANDFILL	M132	38,576	9.6	10	35.7
DEEPWELL / UNDERGROUND INJECTION	M134	171	.0	5	17.9
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	174,486	43.3	19	67.9
TOTAL		403,094	100.0	28	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION OTHER DISPOSAL SPECIFIED IN COMMENTS LANDFILL SOLVENTS RECOVERY DEEPWELL / UNDERGROUND INJECTION STABILIZATION	M041-M049 M137 M132 M021-M029 M134 M111-M119	189,425 174,486 38,576 413 171 23	47.0 43.3 9.6 .1 .0	22 19 10 4 5	78.6 67.9 35.7 14.3 17.9
TOTAL		403,094	100.0	28	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	189,425	47.0	22	78.6
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	174,486	43.3	19	67.9
LANDFILL	M132	38,576	9.6	10	35.7
DEEPWELL / UNDERGROUND INJECTION	M134	171	.0	5	17.9
SOLVENTS RECOVERY	M021-M029	413	.1	4	14.3
STABILIZATION	M111-M119	23	.0	3	10.7
TOTAL		403,094	100.0	28	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED. COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 371

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 74,954 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	F' 1 F".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		0
		EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
	1	TINTO 0 0 6 4 5 7 7 0	CAPPRY KIPPN (TC) INC	GREENBRIER	8,863
	2	TND000043770	ALLWORTH OF TN, INC.	MOUNT PLEASANT	8,293
	3	TND980847024	EXCEL TSD INC	MEMPHIS	6,633
			LAIDLAW ENVIRONMENTAL SERVICES OF NASHVI		6,185
			SAFETY-KLEEN SERVICES (GS) INC	MILLINGTON	5,420
		TND000014321		JACKSON	3,368
			TENN EASTMAN DIVISION OF EASTMAN CHEMICA		2,062
		TND007026958	MAPCO PETROLEUM INC	MEMPHIS	1,987
		TND095686473	HOEGANAES CORPORATION, GALLATIN PLANT	GALLATIN	1,525
		TN3890090001	U.S. DOE Y-12 PLANT	OAK RIDGE	1,428
		TND083525634	ZENECA INC WEST	MT PLEASANT	1,389
	12	TND061314803	VELSICOL CHEMICAL CORP	CHATTANOOGA	1,317
	13	TND041150533	AMERISTEEL KNOXVILLE STEEL MILL DIV.	KNOXVILLE	1,222
	14	TND078217726	NASHVILLE THERMAL TRANSFER CORPORATION	NASHVILLE	1,199
	15	TND003383551	ALUMINUM COMPANY OF AMERICA-SOUTH PLANT	ALCOA	1,137
	16	TN0890090004	US DEPT OF ENERGY E TN TECHNOLOGY PARK	OAK RIDGE	1,061
	17	TND037909348	AFG INDUSTRIES INC GREENLAND PLANT	CHURCH HILL	844
	18	TND981474125	SAFETY-KLEEN SYSTEMS INC 3-109-01	NASHVILLE	801
	19	TND067690040	REFINED METALS CORPORATION	MEMPHIS	763
		TND987789583	ICI ACRYLICS- MEMPHIS (FITE RD)	MEMPHIS	732
		TND991279480	PERMA-FIX ENVIRONMENTAL SERVICES, INC.		672
		TND004038550	ZENECA INC EAST	MT PLEASANT	554
		TND120603170	QO CHEMICALS INC A SUBSIDIARY OF GREAT L		539
		TND982152324	BEKAERT CORPORATION DYERSBURG	INDUSTRIAL PARK	516
		TND048120083	PETERBILT MOTORS CO	MADISON	509
		TND008041717 TND078565249	NORTH AMERICAN GALVANIZING CO GENERAL ELECTRIC CO	NASHVILLE	501 477
		TND987777695	SAFETY-KLEEN CORP	SELMER KNOXVILLE	452
		TN0000590612	EXIDE CORPORATION	BRISTOL	429
		TND007024664	VELSICOL CHEMICAL	MEMPHIS	417
		TND034871350	ARVIN/GABRIEL RIDE CONTROL PRODUCTS	PULASKI	393
		TND007022072	HARMAN AUTOMOTIVE INC	BOLIVAR	388
		TND981468648	SATURN CORPORATION	SPRING HILL	369
		TND004044780	MURRAY INC	LAWRENCEBURG	305
		TND066723263	DP HOLDINGS INC DBA DAVIS PIPE	BLOUNTVILLE	302
	36	TND982157570	GTS	OAK RIDGE	288
	37	TNR000004366	NOVA CHEMICALS INCORPORATED	CHATTANOOGA	283
	38	TND106292600	ICI ACRYLICS, INC	MEMPHIS	266
	39	TND030686430	WESTVACO-CONSUMER PACKAGING DIVISION	CLEVELAND	254
		TND047001979	E. I. DUPONT DE NEMOURS & CO.	OLD HICKORY	251
		TN0000188383	ALLSTEEL INC	MILAN	247
		TN1890090003	U.S. DOE, OAK RIDGE NATIONAL LABORATORY	OAK RIDGE	239
		TNR000001842	DELTA FAUCET COMPANY OF TENNESSEE INC	JACKSON	239
		TN0000317289	SAFETY-KLEEN SYSTEMS INC (3-026-01)	PINEY FLATS	232
		TND000772186	POLLUTION CONTROL INDUSTRIES (PCI)-MEMPH		228
		TND007772668	NOVARTIS ANIMAL HEALTH INC	MEMPHIS	225 217
		TND054481205 TND980837892	NISSAN MOTOR MANUFACTURING CORPORATION, EASTERN PLATING INC	SMYRNA NEWPORT	217
			W.M. BARR & COMPANY, INC	MEMPHIS	194
		TND007017288	ORMET ALUMINUM MILL PRODUCTS CORP	JACKSON	189
	50	114D0000007111	ORBIT ADDITION WITH PRODUCTS CORE	011010014	109
-	TOTAL				66,600

66,608

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 13

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 59,481 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

•	PIP.	II DANGEDI NCN	A HABANDOOD WADIE RECEIVERS, 1997		QUANTITY
	RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
	1	TND000772277	SAFETY KLEEN (WT) INC	ANTIOCH	35,232
	2	TND000645770	SAFETY-KLEEN (TS) INC	GREENBRIER	9,143
	3	TND000614321	SAFETY-KLEEN SERVICES (GS) INC	MILLINGTON	6,535
	4	TND067690040	REFINED METALS CORPORATION	MEMPHIS	5,571
	5	TN0890090004	US DEPT OF ENERGY E TN TECHNOLOGY PARK	OAK RIDGE	732
	6	TND981474125	SAFETY-KLEEN SYSTEMS INC 3-109-01	NASHVILLE	630
	7	TND000772186	POLLUTION CONTROL INDUSTRIES (PCI)-MEMPH	MILLINGTON	382
	8	TND987777695	SAFETY-KLEEN CORP	KNOXVILLE	333
	9	TND991279480	PERMA-FIX ENVIRONMENTAL SERVICES, INC.	MEMPHIS	247
	10	TND980847024	EXCEL TSD INC	MEMPHIS	213
	11	TND003376928	TENN EASTMAN DIVISION OF EASTMAN CHEMICA	KINGSPORT	212
	12	TN3890090001	U.S. DOE Y-12 PLANT	OAK RIDGE	156
	13	TN1890090003	U.S. DOE, OAK RIDGE NATIONAL LABORATORY	OAK RIDGE	97

TOTAL 59,481

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	0	.0	1	7.7
INCINERATION	M041-M049	6,228	10.5	3	23.1
STABILIZATION	M111-M119	22	.0	2	15.4
LANDFILL	M132	35,586	59.8	4	30.8
DEEPWELL / UNDERGROUND INJECTION	M134	161	.3	2	15.4
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	17,483	29.4	11	84.6
TOTAL		59.481	100.0	1.3	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
LANDFILL	M132	35,586	59.8	4	30.8
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	17,483	29.4	11	84.6
INCINERATION	M041-M049	6,228	10.5	3	23.1
DEEPWELL / UNDERGROUND INJECTION	M134	161	.3	2	15.4
STABILIZATION	M111-M119	22	.0	2	15.4
SOLVENTS RECOVERY	M021-M029	0	.0	1	7.7
TOTAL		59,481	100.0	13	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	17,483	29.4	11	84.6
LANDFILL	M132	35,586	59.8	4	30.8
INCINERATION	M041-M049	6,228	10.5	3	23.1
DEEPWELL / UNDERGROUND INJECTION	M134	161	.3	2	15.4
STABILIZATION	M111-M119	22	.0	2	15.4
SOLVENTS RECOVERY	M021-M029	0	.0	1	7.7
TOTAL		59,481	100.0	13	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 46,949 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 65,079 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 1,219

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 18,973,406 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

,	RANK EPA ID	SITE NAME	CITY	TOTAL GENERATED (TONS)
	1 TVD008123317	DII DONT DE NEMOIRS & CO E T	TITCTOD TA	4,296,699
	3 TXD000123317	TEYNS CITY DEFINEDY _ AMOCO OII CO	TEVAC CITY	2,646,383
	2 TXD000000000000000000000000000000000000	CUCCOLATE DAVOIL DIANT	ALVIN	2,607,584
	4 TYD001700000	BEAUMONT WORKS	BEAUMONT.	1,391,542
	4 1XD000001101	DIAMOND GUAMDOCK DEFINING COMDANY - MCKE	CITATORY	1,332,422
	6 TXD007500751172	GREEN LAKE FACILITY	BLOOMINGTON	1,110,873
	7 TXD008079642	SABINE RIVER WORKS	ORANGE	980,377
	8 TXD008106999	MERICHEM - SASOL USA LLC	HOUSTON	552,486
	9 TXD007330202	EASTMAN CHEMICAL COMPANY	LONGVIEW	484,849
	10 TXD008079527	STERLING CHEMICALS, INC.	TEXAS CITY	469,544
	11 TXD083472266	ARCO CHEMICAL	CHANNELVIEW	441,114
	12 TXD078432457	CELANESE LTD. CLEAR LAKE PLANT	PASADENA	404,577
	13 TXD087491973	SOUTHWESTERN COPPER DIV; AMARILLO COPPER	AMARILLO	290,965
	14 TXD008081697	BASF CORPORATION	FREEPORT	257,014
	15 TXD026481523	GALENA PARK TERMINAL	GALENA PARK	196,633
	16 TXD008092793	DOW CHEMICAL COMPANY - OYSTER CREEK SITE	FREEPORT	171,015
	17 TXD058275769	CHANNELVIEW COMPLEX	CHANNELVIEW	82,852
	18 TXD049213127	MARSHALL FACILITY	MARSHALL	74,101
	19 TX0000201202	PO/MTBE PLANT	PORT NECHES	59,860
	20 TXD058265067	BAYPORT FACILITY - ARCO CHEMICAL CO	PASADENA	54,847
	21 TXD990797714	MOBIL OIL CORPORATION - BEAUMONT REFINER	BEAUMONT	48,147
	22 TXD077603371	SAFETY-KLEEN CORP.	DENTON	42,918
	23 TXD007376700	CHEMICAL GROUP PAMPA PLANT	PAMPA	42,143
	24 TXD987986734	CHEMICAL RESOURCE PROCESSING - INC.	DEER PARK	36,480
	25 TXD067285973	SHELL OIL COMPANY - DEER PARK	DEER PARK	35,056
	26 TXD0080/9212	CIRRAL WAR CHEMICAL PRODUCTS LA PORTE PL	LA PORTE	34,785 26,299
	2/ IXD000/42304	A CURCULARY OF THE COACTAL CORDODATION	CODDIC CUDICAL	25,632
	26 IXDUU6132206	A SUBSIDIARY OF THE COASTAL CORPORATION-	CORPUS CHRISII	25,032 25,073
	20 TXD000113310	THE FETTE DIANT	CDECODY	22,411
	31 TXD000838896	CHEMICAL WASTE MANAGEMENT. INC	PORT ARTHIR	21,272
	32 TXD000461533	TEXAS CITY PLANT, MAIN PLANT FACILITY	TEXAS CITY	21,197
	33 TXD026040709	BAY CITY PLANT	BAY CITY	20,524
	34 TXD066362559	CHAPARRAL STEEL MIDLOTHIAN, L.P.	MIDLOTHIAN	20,514
	35 TXD053624193	VALERO REFINING COMPANY-TEXAS	HOUSTON	17,395
	36 TXD000836445	OXYCHEM - CORPUS CHRISTI PLANT	CORPUS CHRISTI	16,883
	37 TXD046844700	CHEMICAL RECLAMATION SERVICES	AVALON	16,376
	38 TXD981053770	DURATHERM, INC.	SAN LEON	14,757
	39 TXD008119414	SMI	SEGUIN	14,744
	40 TXD058276130	LA PORTE COMPLEX	LA PORTE	14,461
	41 TXD096037932	HALTERMANN, LTD.	HOUSTON	14,156
	42 TXD058260977	BAYER CORPORATION	BAYTOWN	14,147
	43 TXD990796351	NORTH STAR STEEL TEXAS	BEAUMONT	14,055
	44 TXT490011293	FORMOSA PLASTICS CORPORATION, TEXAS	POINT COMFORT	13,629
	45 TXD988087623	CITY MACHINE & WELDING INC.	AMARILLO	12,752
	46 TXD981911209	HOUSTON CHEMICAL COMPLEX, VCM SITE	DEER PARK	12,680
	4/ TXDUU6451090	FRISCO RECYCLING SERVICES	FKISCO	12,365
	46 TXDU/13/8582	NUCUK CUKP.	OEMELL.	11,927
	49 TXDU/39129/4	CELANDOD ENGINEEDING DECING INC	DECHOD	10,783 10,752
	30 IXD000113441	CELIANESE ENGINEERING RESINS, INC.	DISHUP	10,752
	TOTAL			10 550 050

18,550,052

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	669,347	ONLY AN F CODE	227,766		
ONLY CORROSIVE	1,366,902	ONLY A K CODE	1,971,235		
ONLY REACTIVE	190	ONLY A P CODE	937		
ONLY D004-17	151,895	ONLY A U CODE	579,287		
ONLY D018-43	4,222,176				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	5,351,668	LISTED CODE	1,170,390		
TOTAL	11,762,179	TOTAL	3,949,615	BOTH CHARACTERISTIC & LISTED	3,261,612

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	895,487			IGN. W/ AT LEAST 1 LSTD	609,973
HAS CORROSIVE CODE	2,870,963			CORR. W/ AT LEAST 1 LSTD	44,262
HAS REACTIVE CODE	2,319,485			REACT. W/ AT LEAST 1 LSTD	22,787
HAS D004-D017 CODE	510,198			D004-17 W/ AT LEAST 1 LSTD	76,406
HAS D018-D043 CODE	4,658,144			D018-43 W/ AT LEAST 1 LSTD	2,841,846
		HAS AN F CODE	1,157,836	F WASTE W/ AT LEAST 1 CHAR	2,925,155
		HAS A K CODE	1,159,508	K WASTE W/ AT LEAST 1 CHAR	2,856,085
		HAS A P CODE	10,823	P WASTE W/ AT LEAST 1 CHAR	21,734
		HAS A U CODE	16,156	U WASTE W/ AT LEAST 1 CHAR	94,539
TOTAL	5,351,668	TOTAL	1,170,390	TOTAL	3,261,612

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

TONS OF WASTE

TEXAS

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 135

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 17,371,102 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	SITE NAME	CITY	MANAGED
1	TXD008123317	DU PONT DE NEMOURS & CO., E.I.	VICTORIA	4,305,035
2	TXD001700806	CHOCOLATE BAYOU PLANT	ALVIN	2,607,238
3	TXD008080533	TEXAS CITY REFINERY - AMOCO OIL CO	TEXAS CITY	2,606,101
4	TXD008081101	BEAUMONT WORKS	BEAUMONT	1,619,091
5	TXD059685339	DIAMOND SHAMROCK REFINING COMPANY - MCKE	SUNRAY	1,330,088
6	TXD000/511/2	GREEN LAKE FACILITY	BLOOMINGTON	1,110,166
7	TXD008079527	STERLING CHEMICALS, INC.	TEXAS CITY	1,004,873
8	TXD007330202	EASTMAN CHEMICAL COMPANY	LONGVIEW	484,817
9	TXD0/843245/	CELANESE LTD. CLEAR LAKE PLANT	PASADENA	403,475
10	TXD083472266	ARCO CHEMICAL	CHANNELVIEW	361,061
11	TXD08/4919/3	SOUTHWESTERN COPPER DIV, AMARILLO COPPER	AMARILLO	288,276
12	TXD008081697	BASE CORPORATION	FREEPORT	250,234
1.3	TXD000/19518	DISPOSAL SISTEMS INC.	DEEK PAKK	1/1,535
14	TXD008092793	DOW CHEMICAL COMPANY - OYSTER CREEK SITE	FREEPORT	161,854
15	TXD055141378	SAFETY-KLEEN (DEER PARK), INC.	DEER PARK	125,825
17	TXD077602271	CARRON MIREN CODD	PORI NECHES	12 202
10	TXD0//0033/1	CHEMICAL COOLD DAMPA DI ANTE	DENION	43,292
10	TXD00/3/6/00	CHEMICAL GROUP PAMPA PLANI	CADLAND	42,139
19	TXD04/823265	PHIBRO-TECH, INC.	GARLAND	36,646
20	TXD000/42304	TEVAC CITY DIANT MAIN DIANT FACTITY	TYLEK TEVAC CITY	20,080
2.7	TXD000401333	CUELL OIL COMPANY DEED DARK	TEXAS CITI	22,333
22	TXD00/2009/3	DEGGT - DEER PARK	CORDIG CURTOWN	21,743
2.1	TXD050001010	CHANNEL ALEM COMDLEA	CHANNEL VIEW	21,336
24	TXD0562/5/69	DAGIG GUENTGALG GO	CHANNELVIEW	21,200
25	TVD000033013	TNCIFCIDE DIANT	CDECODA	20,990
27	TYD026040700	DAY CITY DIANT	DAY CITY	20,003
20	TYD006451000	EDICO DECYCITMO CEDVICES	EDICCO	10 585
20	TYD000431030	EMDYK - DIMIGION OF DYKROED HGY	DEED DYDK	19,303
30	TYD097073149	FNCVCIE/TEVAC INC	CODDIG CUDICTI	14 547
31	TXD000117100	TEXAS ECOLOGISTS INC	ROBSTOWN	13 622
32	TXD981911209	HOUSTON CHEMICAL COMPLEX VCM SITE	DEER DARK	12 846
33	TXD001311203	CELANESE ENGINEERING RESINS INC	RISHOP	10 421
34	TXD008076846	JEFFERSON COUNTY OPERATIONS	PORT NECHES	7 763
35	TXD008076853	CONROE PLANT - HINTSMAN CORP	CONROE	7 591
36	TXD988088464	WASTE CONTROL SPECIALISTS	ANDREWS	7,343
37	TXD980624035	HEAT	DALLAS	6,170
38	TXD046844700	CHEMICAL RECLAMATION SERVICES	AVALON	5,455
39	TXD052649027	SAFETY KLEEN (SAN ANTONIO), INC.	SAN ANTONIO	5,401
40	TXD058276130	LA PORTE COMPLEX	LA PORTE	5,307
41	TXD008097487	OLIN CORPORATION	BEAUMONT	4,920
42	TXD074185141	BAYPORT CHEMICAL	PASADENA	4,680
43	TXD086981172	LA PORTE PLANT	LA PORTE	3,876
44	TXD008077190	BEAUMONT CHEMICAL PLANT	CHEEK	3,846
45	TXD000719286	BAYPORT TERMINAL	SEABROOK	3,826
46	TXD065096273	ROHM & HAAS TEXAS INC	DEER PARK	3,641
47	TXD980626014	HUNTSMAN POLYMERS CORPORATION	ODESSA	2,843
48	TXD084970169	LONZA, INC.	PASADENA	2,369
49	TXD981153711	CORPUS CHRISTI REFINERY WEST PLANT	CORPUS CHRISTI	2,252
50	TXD010797389	SCHENECTADY INTERNATIONAL, INC.	FREEPORT	2,188

TOTAL 17,362,621

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE. FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE	
	SYSTEM	MANAGED	OF	NUMBER OF	OF	
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES	
METALS RECOVERY (FOR REUSE)	M011-M019	59,487	.3	5	7.2	
SOLVENTS RECOVERY	M021-M029	15,433	.1	7	10.1	
OTHER RECOVERY	M031-M039	273,189	1.6	6	8.7	
INCINERATION	M041-M049	634,507	3.7	19	27.5	
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	544,131	3.1	31	44.9	
FUEL BLENDING	M061	63,738	. 4	9	13.0	
SLUDGE TREATMENT	M101-M109	261,538	1.5	2	2.9	
STABILIZATION	M111-M119	86,686	.5	7	10.1	
LAND TREATMENT / APPLICATION / FARMING	M131	997	.0	3	4.3	
LANDFILL	M132	37,137	. 2	11	15.9	
DEEPWELL / UNDERGROUND INJECTION	M134	15,392,169	88.6	16	23.2	
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	2,089	.0	1	1.4	
TOTAL		17,371,102	100.0	69		

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	15,392,169	88.6	16	23.2
INCINERATION	M041-M049	634,507	3.7	19	27.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	544,131	3.1	31	44.9
OTHER RECOVERY	M031-M039	273,189	1.6	6	8.7
SLUDGE TREATMENT	M101-M109	261,538	1.5	2	2.9
STABILIZATION	M111-M119	86,686	.5	7	10.1
FUEL BLENDING	M061	63,738	. 4	9	13.0
METALS RECOVERY (FOR REUSE)	M011-M019	59,487	.3	5	7.2
LANDFILL	M132	37,137	. 2	11	15.9
SOLVENTS RECOVERY	M021-M029	15,433	.1	7	10.1
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	2,089	.0	1	1.4
LAND TREATMENT / APPLICATION / FARMING	M131	997	.0	3	4.3
TOTAL		17.371.102	100.0	69	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	~			PERCENTAGE
SYSTEM	MANAGED		NUMBER OF	OF
TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
M051-M059	544,131	3.1	31	44.9
M041-M049	634,507	3.7	19	27.5
M134	15,392,169	88.6	16	23.2
M132	37,137	. 2	11	15.9
M061	63,738	. 4	9	13.0
M021-M029	15,433	.1	7	10.1
M111-M119	86,686	.5	7	10.1
M031-M039	273,189	1.6	6	8.7
M011-M019	59,487	.3	5	7.2
M131	997	.0	3	4.3
M101-M109	261,538	1.5	2	2.9
M137	2,089	.0	1	1.4
	17,371,102	100.0	69	
	M051-M059 M041-M049 M134 M132 M061 M021-M029 M111-M119 M031-M039 M011-M019 M131 M101-M109	TYPE CODE (TONS)	SYSTEM MANAGED (TONS) OF QUANTITY	SYSTEM MANAGED (TONS) OF QUANTITY NUMBER OF FACILITIES

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 1,155

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 1,032,505 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	FTF".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		OHANTETEN
		EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
			GALENA PARK TERMINAL	GALENA PARK	196,845
			BAYPORT FACILITY - ARCO CHEMICAL CO	PASADENA	54,815
			CHANNELVIEW COMPLEX	CHANNELVIEW	53,851
			SAFETY-KLEEN CORP.	DENTON	42,918
			CHEMICAL RESOURCE PROCESSING - INC.	DEER PARK	36,480
			SABINE RIVER WORKS	ORANGE	24,985
			CHAPARRAL STEEL MIDLOTHIAN, L.P.	MIDLOTHIAN	20,514
			ARCO CHEMICAL	CHANNELVIEW	19,131
	9	TXD053624193	VALERO REFINING COMPANY-TEXAS	HOUSTON	17,395
	10	TXD000838896	VALERO REFINING COMPANY-1EXAS CHEMICAL WASTE MANAGEMENT, INC CHEMICAL RECLAMATION SERVICES	HOUSTON PORT ARTHUR AVALON	17,002
	11	TXD046844700	CHEMICAL RECLAMATION SERVICES	AVALON	16,304
	12	TXD981053//0	DURATHERM, INC.	SAN LEON	15,112
	13	TXD008119414	SMI	SEGUIN	14,744
	14	TXD096037932	HALTERMANN, LTD.	HOUSTON	14,156
	15	TXD058260977	BAYER CORPORATION	BAYTOWN	14,152
	16	TXD990796351	SMI HALTERMANN, LTD. BAYER CORPORATION NORTH STAR STEEL TEXAS	BEAUMONT	14,055
	Ι/	1X1490011293	FORMOSA PLASTICS CORPORATION, TEXAS	POINT COMFORT DEER PARK AMARILLO JEWETT	13,355
			SHELL OIL COMPANY - DEER PARK	DEER PARK	13,313
			CITY MACHINE & WELDING INC.	AMARILLO	12,032
		TXD071378582 TXD980624035	NUCOR CORP.	DALLAS	11,927 10,113
			ENTERPRISE PRODUCTS OPERATING L.P.	MONT BELVIEU	9,714
			LA PORTE COMPLEX	LA PORTE	9,171
			SAFETY KLEEN (SAN ANTONIO), INC.		7,579
			LYONDELL PETROCHEMICAL COMPANY (VICTORIA		7,397
			SEA LION TECHNOLOGY, INC.		7,244
			ALCOA ROCKDALE WORKS	ROCKDALE	7,094
	28	TXD051161990	CITGO REFINING AND CHEMICALS COMPANY L.P	CORPUS CHRISTI	6,702
	29	TXD988079091	BAYPORT PLANT	PASADENA	6,589
	30	TXD073186389	MIDLAND WAREHOUSE GREENS BAYOU PLANT PO/MTBE PLANT	MIDLAND	6,270
	31	TXD000836486	GREENS BAYOU PLANT	HOUSTON	5,857
	32	TX0000201202	PO/MTBE PLANT	PORT NECHES	5,603
	33	TXD000719518	PO/MTBE PLANT DISPOSAL SYSTEMS INC. ZTT MINERALS, INC. EL PASO PLANT	DEER PARK	5,512
	34	TXD987995941	ZTT MINERALS, INC.	CALDWELL	4,804
				EL PASO	4,642
			PHELPS DODGE REFINING CORP EL PASO WO		4,431
			PORT ARTHUR REFINERY	PORT ARTHUR	4,383
		TXD000807982		EL PASO	4,321 4,096
		TXD007398175			3,936
		TXD048210845	SWEENY REFINERY & PETROCHEMICAL COMPLEX AKZO NOBEL CHEMICALS INC.	DEER PARK	3,839
		TXD007131133	AKZO NOBEL CHEMICALS INC. LONE STAR STEEL COMPANY	LONE STAR	3,758
					3,695
	44	TXD980809909	BAYTOWN CHEMICAL PLANT (BTCP)	BAYTOWN	3,657
	45	TXD987985900	JAVELINA COMPANY	CORPUS CHRISTI	3,542
	46	TXD008088833	DUPONT AGRICULTURAL PRODUCTS LA PORTE PL BAYTOWN CHEMICAL PLANT (BTCP) JAVELINA COMPANY U.S. CHEMICALS DIVISION VALERO REFINING COMPANY-TEXAS SHERWIN WILLIAMS CO. PASADENA PLANT	ORANGE	3,525
	47	TXD074604166	VALERO REFINING COMPANY-TEXAS	CORPUS CHRISTI	3,468
	48	TXD052131323	SHERWIN WILLIAMS CO.	GARLAND	3,460
	49	TXD990757486	PASADENA PLANT	PASADENA	3,383
	50	TXD098818339	ELEMENTIS CHROMIUM L.P.	CORPUS CHRISTI	3,338
TC	TAL				504.000

784,208

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

QUANTITY

512,619

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 41

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 512,619 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

RANK	EPA ID	SITE NAME DISPOSAL SYSTEMS INC. SAFETY-KLEEN (DEER PARK), INC. SAFETY-KLEEN CORP. ARCO CHEMICAL PHIBRO-TECH, INC. DSCCI BASIC CHEMICALS CO. EMPAK - DIVISION OF PAKHOED USA ENCYCLE/TEXAS, INC. CHEMICAL RECLAMATION SERVICES TEXAS ECOLOGISTS, INC. CLITEX CHEMICAL & SUPPLY CO. SAFETY KLEEN (SAN ANTONIO), INC. WASTE CONTROL SPECIALISTS FRISCO RECYCLING SERVICES HEAT DU PONT DE NEMOURS & CO., E.I. OLIN CORPORATION TEXAS CITY PLANT, MAIN PLANT FACILITY DIVISION OF SET ENVIRONMENTAL, INC. SAFETY KLEEN (LA PORTE), INC. ASHLAND CHEMICAL COMPANY 6-049-01 EASTMAN CHEMICAL COMPANY DOW CHEMICAL COMPANY - OYSTER CREEK SITE FORT WORTH (SAFETY KLEEN) CONROE PLANT - HUNTSMAN CORP. RECOVERY SERVICES, INC. SAFETY-KLEEN SYSTEMS, INC. WASTE CHEMICAL CENTER SAFETY-KLEEN SYSTEMS, INC. WASTE CHEMICAL CENTER SAFETY-KLEEN SYSTEMS, INC. SAFETY-KLEEN SYSTEMS, INC. SAFETY-KLEEN SYSTEMS, INC. PARKANS INTERNATIONAL, L.L.C. SAFETY-KLEEN CORP. SAFETY-KLEEN CORP. SAFETY-KLEEN SYSTEMS, INC. CORPUS CHRISTI REFINERY WEST PLANT NASA LYNDON B. JOHNSON SPACE CENTER SAFETY-KLEEN SYSTEMS, INC. PERFORATING & TESTING	CITY	RECEIVED (TONS)
1	TXD000719518	DISPOSAL SYSTEMS INC.	DEER PARK	158,325
2	TXD055141378	SAFETY-KLEEN (DEER PARK), INC.	DEER PARK	60,981
3	TXD077603371	SAFETY-KLEEN CORP.	DENTON	44,910
4	TXD083472266	ARCO CHEMICAL	CHANNELVIEW	37,674
5	TXD047823265	PHIBRO-TECH, INC.	GARLAND	36,646
6	TXR000001016	DSCCI	CORPUS CHRISTI	21,554
7	TXD008099079	BASIC CHEMICALS CO.	HOUSTON	20,863
8	TXD097673149	EMPAK - DIVISION OF PAKHOED USA	DEER PARK	18,848
9	TXD008117186	ENCYCLE/TEXAS, INC.	CORPUS CHRISTI	14,547
10	TXD046844700	CHEMICAL RECLAMATION SERVICES	AVALON	14,502
11	TXD069452340	TEXAS ECOLOGISTS, INC.	ROBSTOWN	13,597
12	TXD074196338	ELTEX CHEMICAL & SUPPLY CO.	HOUSTON	9,652
13	TXD052649027	SAFETY KLEEN (SAN ANTONIO), INC.	SAN ANTONIO	8,174
14	TXD988088464	WASTE CONTROL SPECIALISTS	ANDREWS	7,522
15	TXD006451090	FRISCO RECYCLING SERVICES	FRISCO	7,329
16	TXD980624035	HEAT	DALLAS	6,944
17	TXD008123317	DU PONT DE NEMOURS & CO., E.I.	VICTORIA	5,301
18	TXD008097487	OLIN CORPORATION	BEAUMONT	4,920
19	TXD000461533	TEXAS CITY PLANT, MAIN PLANT FACILITY	TEXAS CITY	4,512
20	TXD055135388	DIVISION OF SET ENVIRONMENTAL, INC.	HOUSTON	4,388
21	TXD982290140	SAFETY KLEEN (LA PORTE), INC.	LA PORTE	4,227
22	TXD980745095	ASHLAND CHEMICAL COMPANY	GARLAND	909
23	TXD981052061	6-049-01	IRVING	808
24	TXD007330202	EASTMAN CHEMICAL COMPANY	LONGVIEW	711
25	TXD008092793	DOW CHEMICAL COMPANY - OYSTER CREEK SITE	FREEPORT	545
26	TXD981053416	FORT WORTH (SAFETY KLEEN)	FORT WORTH	505
27	TXD008076853	CONROE PLANT - HUNTSMAN CORP.	CONROE	443
28	TXD982560294	RECOVERY SERVICES, INC.	HOUSTON	391
29	TXD000729400	SAFETY-KLEEN SYSTEMS, INC.	SAN ANTONIO	382
30	TXD982551806	WASTE CHEMICAL CENTER	DALLAS	371
31	TXD981056690	SAFETY-KLEEN - MIDLAND BRANCH	MIDLAND	356
32	TXD000747386	6-073-01 (SAFETY KLEEN)	PASADENA	324
33	TXD000747378	SAFETY-KLEEN SYSTEMS, INC.	LONGVIEW	322
34	TXD008105959	PARKANS INTERNATIONAL, L.L.C.	HOUSTON	307
35	TXD061290276	SAFETY KLEEN CORPORATION	ORANGE	271
36	TXD000747428	SAFETY-KLEEN CORP.	WICHITA FALLS	232
37	TXD000747402	SAFETY-KLEEN SYSTEMS, INC.	CORPUS CHRISTI	225
38	TXD981153711	CORPUS CHRISTI REFINERY WEST PLANT	CORPUS CHRISTI	50
39	TX8800016125	NASA LYNDON B. JOHNSON SPACE CENTER	HOUSTON	27
40	TXD083145656	SAFETY-KLEEN SYSTEMS, INC.	MCALLEN	15
41	TXD987988318	PERFORATING & TESTING	FORT STOCKTON	11
TOTAL				F12 610

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
			~ -		
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	59,421	12.6	5	18.5
SOLVENTS RECOVERY	M021-M029	15,354	3.2	4	14.8
OTHER RECOVERY	M031-M039	50	.0	1	3.7
INCINERATION	M041-M049	67,040	14.2	10	37.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	69,577	14.7	7	25.9
FUEL BLENDING	M061	63,735	13.5	8	29.6
STABILIZATION	M111-M119	32,350	6.8	3	11.1
LANDFILL	M132	7,158	1.5	5	18.5
DEEPWELL / UNDERGROUND INJECTION	M134	158,566	33.5	5	18.5
TOTAL		473,251	100.0	27	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
		150.566			
DEEPWELL / UNDERGROUND INJECTION	M134	158,566	33.5	5	18.5
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	69,577	14.7	./	25.9
INCINERATION	M041-M049	67,040	14.2	10	37.0
FUEL BLENDING	M061	63,735	13.5	8	29.6
METALS RECOVERY (FOR REUSE)	M011-M019	59,421	12.6	5	18.5
STABILIZATION	M111-M119	32,350	6.8	3	11.1
SOLVENTS RECOVERY	M021-M029	15,354	3.2	4	14.8
LANDFILL	M132	7,158	1.5	5	18.5
OTHER RECOVERY	M031-M039	50	.0	1	3.7
TOTAL		473,251	100.0	27	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	67,040	14.2	10	37.0
FUEL BLENDING	M061	63,735	13.5	8	29.6
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	69,577	14.7	7	25.9
LANDFILL	M132	7,158	1.5	5	18.5
DEEPWELL / UNDERGROUND INJECTION	M134	158,566	33.5	5	18.5
METALS RECOVERY (FOR REUSE)	M011-M019	59,421	12.6	5	18.5
SOLVENTS RECOVERY	M021-M029	15,354	3.2	4	14.8
STABILIZATION	M111-M119	32,350	6.8	3	11.1
OTHER RECOVERY	M031-M039	50	.0	1	3.7
TOTAL		473,251	100.0	27	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 133,609 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 228,318 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 3

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 1,101 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	SITE NAME	CITY	TOTAL GENERATED (TONS)
1	TT0570090001	JOHNSTON ATOLL CHEMICAL AGENT DISPOSAL	APO	1,024
2	TT5210090002	USARMY KWAJALEIN ATOLL	REPUBLIC MARSHALL IS	59
3	TT9570090002	DEFENSE SPECIAL WEAPONS AGENCY	APO	19

TOTAL 1,101

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	12	ONLY AN F CODE	0		
ONLY CORROSIVE	1	ONLY A K CODE	0		
ONLY REACTIVE	533	ONLY A P CODE	0		
ONLY D004-17	481	ONLY A U CODE	0		
ONLY D018-43	1				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	20	LISTED CODE	0		
TOTAL	1.048	TOTAL	1	BOTH CHARACTERISTIC & LISTED	5.3

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	16			IGN. W/ AT LEAST 1 LSTD	44
HAS CORROSIVE CODE	6			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	4			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	9			D004-17 W/ AT LEAST 1 LSTD	44
HAS D018-D043 CODE	8			D018-43 W/ AT LEAST 1 LSTD	52
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	52
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	0
TOTAL	20	TOTAL	0	TOTAL	53

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 1

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 524 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK EPA ID SITE NAME CITY MANAGED

1 TT0570090001 JOHNSTON ATOLL CHEMICAL AGENT DISPOSAL APO 524

524

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	524	100.0	1	100.0
TOTAL		524	100.0	1	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	524	100.0	1	100.0
TOTAL		524	100.0	1	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

WANT GENERAL METEROD	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	M041-M049	524	100.0	1	100.0
TOTAL		524	100.0	1	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 3

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 607 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	SHIPPED (TONS)
1	TT0570090001	JOHNSTON ATOLL CHEMICAL AGENT DISPOSAL	APO	541
2	TT5210090002	USARMY KWAJALEIN ATOLL	REPUBLIC MARSHALL IS	48
3	TT9570090002	DEFENSE SPECIAL WEAPONS AGENCY	APO	19

TOTAL

607

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

TABLES 15, 16, 17, 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN THE TRUST TERRITORIES THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE IN 1997.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 607 TONS

UTAH

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 89

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 78,555 TONS

3

RANK	EPA ID	SITE NAME	CITY	TOTAL GENERATED (TONS)
1	UTD981552177	LAIDLAW ENVIRONMENTAL SERVICES-ARAGONITE	ARAGONITE	25,120
2	UTD021533054	NUCOR STEEL	PLYMOUTH	18,496
3	UTD000826446	KENNECOTT UTAH COPPER-SMELTER	MAGNA	10,448
4	UTD982595795	LAIDLAW ENVIRONMENTAL SERVICES (CLIVE)	CLIVE	5,918
5	UT5210090002	DESERET CHEMICAL DEPOT	TOOELE	3,339
6	UTD001705029	ALLIANT TECHSYSTEMS, INC - BACCHUS WORKS	WEST VALLEY CITY	1,620
7	UT0571724350	HILL AIR FORCE BASE, HILL, UTAH	HILL AIR FORCE BASE	1,450
8	UT3213820894	TOOELE ARMY DEPOT	TOOELE	1,406
9	UTD988070215	COMPEO INTERNATIONAL	SALT LAKE CITY	1,209
10	UTD000826362	AMOCO SALT LAKE CITY REFINERY	SALT LAKE CITY	1,052
11	UTD041310962	THE ENSIGN-BICKFORD COMPANY	SPANISH FORK	962
12	UTD009081357	THIOKOL CORP/PROMONTORY	PROMONTORY	933
13	UTD073010902	TYCO PRINTED CIRCUIT GROUP - LOGAN DIV.	LOGAN	903
14	UTD980960702	JOHNSON MATTHEY	SALT LAKE	580
15	UTD980954168	VIKTRON UTAH	SALT LAKE CITY	549
16	UTD092024934	WESTERN ZIRCONIUM CBS CORPORATION - CNFD	OGDEN	424
17	UTD072988173	PARISH CHEMICAL COMPANY	VINEYARD	375
18	UTD092029768	CHEVRON PRODUCTS COMPANY	SALT LAKE CITY	342
19	UTD073008237	CHEVRON PRODUCTS COMPANY FAIRCHILD SEMICONDUCTOR EDO CORPORATION - WESTERN DIVISION PACIFICORP - NTO/GADSBY PLANT	WEST JORDAN	247
20	UTD009073305	EDO CORPORATION - WESTERN DIVISION	SALT LAKE CITY	245
21	UTT500010087	PACIFICORP - NTO/GADSBY PLANT	SALT LAKE CITY	178
22	UTD982598898	ENVIROCARE OF UTAH, INC.	CLIVE	174
23	UTD045267127	FLYING J REFINERY	NORTH SALT LAKE	171
		PHILLIPS 66 COMPANY	CLIVE NORTH SALT LAKE WOODS CROSS, CEDAR CITY	168
25	UTD988072294	WESTERN ELECTROCHEMICAL COMPANY (WECCO)	CEDAR CITY	156
		BFI WASTE SYSTEMS OF NORTH AMERICA, INC.		149
27	UTD094674595	UNIVERSITY OF UTAH	SALT LAKE CITY	131
28	UTD982648545	THERATECH, INC.	SALT LAKE CITY	124
29	UTD007939358	THERATECH, INC. WHEELER MACHINERY COMPANY LAIDLAN ENV. SERVICES (LONE & CRASSY MEN.	SALT LAKE CITY	123
30	UTD991301748	LAIDLAW ENV. SERVICES (LONE & GRASSY MTN	CLIVE	104
31	UTD009086133	GENEVA STEEL	VINEYARD	78
32	UTD054680590	LEVELOR HOME FASHIONS	OGDEN	72
		VULCRAFT-UTAH DIVISION OF NUCOR CORP.	BRIGHAM CITY	72
		AUTOLIV ASP, INC PROMONTORY	PROMONTORY	70
		SALT LAKE CIRCUITS	SALT LAKE CITY	69
36	UTR000001909	MAPLE OIL PRODUCTS COMPANY	MURRAY	53
37	UTD000826412	KENNECOTT UTAH COPPER-REFINERY PRECISION TECHNOLOGY, INC.	MAGNA	51
38	UTD056095334	PRECISION TECHNOLOGY, INC.	SALT LAKE CITY	50
	UTD060381977			44
		RAYLOC - PAYSON, DIV. GENUINE PARTS CO.	PAYSON	43
	UTD000716407		OGDEN	42
		FMC JETWAY SYSTEMS (EAST)	OGDEN	41
		VARIAN X-RAY TUBE PRODUCTS	SALT LAKE CITY	41
44	UTD988067096	COMPANION SYSTEMS INC.	NORTH SALT LAKE	40
45	UTD981550858	COMPANION SYSTEMS INC. THE BOEING COMPANY, DAPD HEXCEL CORPORATION	SALT LAKE CITY	38
46	UTR000002527	HEXCEL CORPORATION	WEST VALLEY CITY	38
4'/	UT9210020922	DEFENSE DEPOT OGDEN UTAH (DDOU)	NORTH SALT LAKE SALT LAKE CITY WEST VALLEY CITY OGDEN	38
	UTD041075896			36
	UT3750211259	DUGWAY PROVING GROUND	DUGWAY TREMONTON	34
50	UTD988074241	OEA, INC., UTAH DIVISION	TREMONTON	34
TOTAL				70 070

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

Changes to the 1997 Biennial Reporting requirements will make cursory comparisons of the 1997 National Biennial Report to earlier National Biennial Reports misleading. Refer to the Executive Summary (ES-2) for a complete explanation.

78,079

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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 ONLY CORROSIVE ONLY REACTIVE ONLY D004-17 ONLY D018-43	163 643 1,287 13,128 231	ONLY AN F CODE ONLY A K CODE ONLY A P CODE ONLY A U CODE	1,883 18,609 23 15		
HAS MORE THAN ONE CHARACTERISTIC CODE TOTAL	29,235 44,687	HAS MORE THAN ONE LISTED CODE TOTAL	936 21,466	BOTH CHARACTERISTIC & LISTED	12,399

5 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE MULTIPLY CODED

WASTE HAS ONLY	TONS OF	ONLY LISTED	TONS OF	BOTH CHAR,	TONS OF
CHARACTERISTIC CODES	WASTE	CODES BUT HAS	WASTE	AND LISTED	WASTE
BUT MORE THAN ONE APPLIES	GENERATED	MORE THAN ONE	GENERATED	CODES	GENERATED
HAS IGNITABLE CODE	25,218			IGN. W/ AT LEAST 1 LSTD	9,303
HAS CORROSIVE CODE	27,518			CORR. W/ AT LEAST 1 LSTD	121
HAS REACTIVE CODE	26,363			REACT. W/ AT LEAST 1 LSTD	601
HAS D004-D017 CODE	29,184			D004-17 W/ AT LEAST 1 LSTD	2,641
HAS D018-D043 CODE	178			D018-43 W/ AT LEAST 1 LSTD	538
		HAS AN F CODE	936	F WASTE W/ AT LEAST 1 CHAR	11,168
		HAS A K CODE	935	K WASTE W/ AT LEAST 1 CHAR	1,223
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	1	U WASTE W/ AT LEAST 1 CHAR	63
TOTAL	29,235	TOTAL	936	TOTAL	12,399

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

TONS OF WASTE

6 NUMBER OF RCRA TSD FACILITIES: 20

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 325,888 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

				TONS OF WASIE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	UT3213820894	TOOELE ARMY DEPOT	TOOELE	201,521
2	UTD991301748	LAIDLAW ENV. SERVICES (LONE & GRASSY MTN	CLIVE	52,807
3	UTD981552177	LAIDLAW ENVIRONMENTAL SERVICES-ARAGONITE	ARAGONITE	35,521
4	UTD982595795	LAIDLAW ENVIRONMENTAL SERVICES (CLIVE)	CLIVE	24,409
5	UTD982598898	ENVIROCARE OF UTAH, INC.	CLIVE	7,075
6	UT5210090002	DESERET CHEMICAL DEPOT	TOOELE	2,662
7	UT0570090001	UTAH TEST AND TRAINING RANGE, U.S.A.F.	BOX ELDER COUNTY	1,025
8	UTD009081357	THIOKOL CORP/PROMONTORY	PROMONTORY	582
9	UTD001705029	ALLIANT TECHSYSTEMS, INC - BACCHUS WORKS	WEST VALLEY CITY	286
10	UTD048406144	ASHLAND CHEMICAL, CO.	CLEARFIELD	0

325,888

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
OTHER RECOVERY	M031-M039		.0	1	10.0
INCINERATION	M041-M049	64,169	19.7	7	70.0
FUEL BLENDING	M061	1	.0	1	10.0
STABILIZATION	M111-M119	37,199	11.4	2	20.0
LAND TREATMENT / APPLICATION / FARMING	M131	0	. 0	1	10.0
LANDFILL	M132	22,351	6.9	2	20.0
DEEPWELL / UNDERGROUND INJECTION	M134	200,167	61.4	1	10.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,999	.6	3	30.0
TOTAL		325,888	100.0	10	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
DEEPWELL / UNDERGROUND INJECTION	M134	200,167	61.4	1	10.0
INCINERATION	M041-M049	64,169	19.7	7	70.0
STABILIZATION	M111-M119	37,199	11.4	2	20.0
LANDFILL	M132	22,351	6.9	2	20.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,999	.6	3	30.0
OTHER RECOVERY	M031-M039	2	.0	1	10.0
FUEL BLENDING	M061	1	.0	1	10.0
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	10.0
TOTAL		325,888	100.0	10	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	M041-M049	64,169	19.7	7	70.0
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	1,999	.6	3	30.0
LANDFILL	M132	22,351	6.9	2	20.0
STABILIZATION	M111-M119	37,199	11.4	2	20.0
FUEL BLENDING	M061	1	.0	1	10.0
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	10.0
DEEPWELL / UNDERGROUND INJECTION	M134	200,167	61.4	1	10.0
OTHER RECOVERY	M031-M039	2	.0	1	10.0
TOTAL		325,888	100.0	10	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

QUANTITY

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 86

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 83,191 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	LAIDLAW ENVIRONMENTAL SERVICES-ARAGONITE LAIDLAW ENVIRONMENTAL SERVICES (CLIVE) NUCOR STEEL KENNECOTT UTAH COPPER-SMELTER HILL AIR FORCE BASE, HILL, UTAH ALLIANT TECHSYSTEMS, INC - BACCHUS WORKS COMPEQ INTERNATIONAL AMOCO SALT LAKE CITY REFINERY SAFETY-KLEEN CORP THE ENSIGN-BICKFORD COMPANY TYCO PRINTED CIRCUIT GROUP - LOGAN DIV. DESERET CHEMICAL DEPOT VIKTRON UTAH JOHNSON MATTHEY LAIDLAW ENV. SERVICES (LONE & GRASSY MTN THIOKOL CORP/PROMONTORY CHEVRON PRODUCTS COMPANY PARISH CHEMICAL COMPANY EDO CORPORATION - WESTERN DIVISION FAIRCHILD SEMICONDUCTOR PACIFICORP - NTO/GADSBY PLANT FLYING J REFINERY PHILLIPS 66 COMPANY ASHLAND CHEMICAL, CO. WESTERN ELECTROCHEMICAL COMPANY (WECCO) BFI WASTE SYSTEMS OF NORTH AMERICA, INC. UNIVERSITY OF UTAH THERATECH, INC. WHEELER MACHINERY COMPANY GENEVA STEEL VULCRAFT-UTAH DIVISION OF NUCOR CORP. SALT LAKE CIRCUITS AUTOLIV ASP, INC PROMONTORY WESTERN ZIRCONIUM CBS CORPORATION - CNFD MAPLE OIL PRODUCTS COMPANY TOOBLE ARMY DEPOT KENNECOTT UTAH COPPER-REFINERY PRECISION TECHNOLOGY, INC. FMC JETWAY SYSTEMS (EAST) DEFENSE DEPOT OGDEN UTAH (DDOU) THE BOEING COMPANY, DAPD SOUTHERN PACIFIC TRANSPORTATION COMPANY LEVELOR HOME FASHIONS SYRO, INC. HEXCEL CORPORATION OFA, INC., UTAH DIVISION VARIAN X-RAY TUBE PRODUCTS BRIGHAM YOUNG UNIVERSITY TELEFLEX DEFENSE SYSTEMS UTAH STATE UNIVERSITY	CITY	SHIPPED (TONS)
1	U1D96155Z1//	LAIDLAW ENVIRONMENTAL SERVICES-ARAGONITE	ARAGUNITE	23,737
2	UTD982595795	LAIDLAW ENVIRONMENTAL SERVICES (CLIVE)	CLIVE	19,366
3	UTDU21533U54	NUCUR STEEL	PLYMOUTH	15,311
4	UTD000826446	KENNECOTT UTAH COPPER-SMELTER	MAGNA	10,448
5	UT0571724350	HILL AIR FORCE BASE, HILL, UTAH	HILL AIR FORCE BASE	1,450
0	UTD001705029	ALLIANT TECHSYSTEMS, INC - BACCHUS WORKS	WEST VALLEY CITY	1,340
/	UTD988070215	COMPEQ INTERNATIONAL	SALT LAKE CITY	1,209
8	UTDUUU826362	AMOCO SALT LAKE CITY REFINERY	SALT LAKE CITY	1,052
10	UTD98U957U88	SAFETY-KLEEN CORP	SALT LAKE CITY	990
10	UTDU41310962	THE ENSIGN-BICKFORD COMPANY	SPANISH FORK	962
11	UIDU/3010902	DEGEDER CHEMICAL DEDOR	LOGAN	903
12	UT521UU9UUU2	DESERET CHEMICAL DEPOT	TOOELE	684
1.3	UTD98U954168	VIKTRON UTAH	SALT LAKE CITY	562
14	UTD98U96U7U2	JOHNSON MATTHEY	SALT LAKE	481
15	UTD991301/48	LAIDLAW ENV. SERVICES (LONE & GRASSY MIN	CTIAE	450
10	UTD009081357	THIOKOL CORP/PROMONTORY	PROMONTORY	351
1/	UTD092029768	CHEVRON PRODUCTS COMPANY	SALT LAKE CITY	342
18	UTD0/29881/3	PARISH CHEMICAL COMPANY	VINEYARD	320
19	UTD009073305	EDO CORPORATION - WESTERN DIVISION	SALT LAKE CITY	245
20	UTD073008237	FAIRCHILD SEMICONDUCTOR	WEST JORDAN	233
21	UTT500010087	PACIFICORP - NTO/GADSBY PLANT	SALT LAKE CITY	1//
22	UTDU4526/12/	FLYING J REFINERY	NORTH SALT LAKE	1/3
23	UTD009090580	PHILLIPS 66 COMPANY	WOODS CROSS,	168
24	UTD048406144	ASHLAND CHEMICAL, CO.	CLEARFIELD	158
25	UTD988072294	WESTERN ELECTROCHEMICAL COMPANY (WECCO)	CEDAR CITY	156
20	U1D900U7015U	BFI WASIE SISIEMS OF NORTH AMERICA, INC.	NORTH SALT LAKE	149
27	UTDU946/4595	UNIVERSITY OF UTAH	SALT LAKE CITY	131
28	UTD982648545	THERATECH, INC.	SALT LAKE CITY	124
29	UTD00/939358	WHEELER MACHINERY COMPANY	SALT LAKE CITY	123
21	010009086133	GENEVA STEEL	VINEYARD	77
37	010300333033	CALE LAVE CIDCUITE	CAIT IAVE CITY	/ Z
22	UID30U0U0Z44	AUTHOLIVACE INC. DECMONTORY	DROMONTORY	60
2.4	UIDIZ/0/309/	AUTULIV ASP, INC PROMONIURI	OCDEN	66
25	UIDU92024934	WESTERN ZIRCONIUM CBS CORPORATION - CNFD	OGDEN	55
35	U1KUUUUUU19U9	MAPLE OIL PRODUCIS COMPANY	MURRAI TOOFI F	5.5
27	UI32I3020094	VENNECOUR HEAL CODDED DESTREDY	MACNA	51
20	01D000020412	DECICION TECHNOLOGY INC	CAIT IAVE CITY	EU
20	UIDU30U33334	PRECISION IECHNOLOGI, INC.	OCDEN	41
40	UIDU49//9323	PEERMOE DEDOT OCDEM HTTML (DDOH)	OCDEN	3.0
41	UT921UU2U922	THE BORING COMDANY DADD	CALT LAKE CITY	38
42	TITD000716407	SOUTHERN DACTETO TRANSPORTATION COMPANY	OCDEN	38
42	UTD054680590	I.FVFI.OR HOME FACHTONS	OCDEN	37
44	TITD041075896	SABO ING	CENTERVILLE	36
45	TITE 00000000	HEYCEL CORDORATION	WEST VALLEY CITY	33
46	IITD988074241	OEA INC UTAH DIVISION	TREMONTON	33
47	UTD009438359	LEVELOR HOME FASHIONS SYRO, INC. HEXCEL CORPORATION OEA, INC., UTAH DIVISION VARIAN X-RAY TUBE PRODUCTS BRIGHAM YOUNG UNIVERSITY TELEFLEX DEFENSE SYSTEMS UTAH STATE UNIVERSITY	SALT LAKE CITY	33
48	UTD009094012	BRIGHAM YOUNG UNIVERSITY	PROVO	31
49	UTD033513631	TELEFLEX DEFENSE SYSTEMS	SPANISH FORK	31
50	UTD000651653	UTAH STATE UNIVERSITY	LOGAN	28
50				20
TOTAL				00 564

82,764

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 11

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 110,178 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

•	1	II DINCODDI RCIC	i mandood midia kadaraha, 1997		OUANTITY
	RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
	1	UTD991301748	LAIDLAW ENV. SERVICES (LONE & GRASSY MTN	CLIVE	52,840
	2	UTD981552177	LAIDLAW ENVIRONMENTAL SERVICES-ARAGONITE	ARAGONITE	35,132
	3	UTD982595795	LAIDLAW ENVIRONMENTAL SERVICES (CLIVE)	CLIVE	12,073
	4	UTD982598898	ENVIROCARE OF UTAH, INC.	CLIVE	8,096
	5	UT0570090001	UTAH TEST AND TRAINING RANGE, U.S.A.F.	BOX ELDER COUNTY	1,025
	6	UTD980957088	SAFETY-KLEEN CORP	SALT LAKE CITY	882
	7	UTD048406144	ASHLAND CHEMICAL, CO.	CLEARFIELD	116
	8	UTD009081357	THIOKOL CORP/PROMONTORY	PROMONTORY	8
	9	UTD001705029	ALLIANT TECHSYSTEMS, INC - BACCHUS WORKS	WEST VALLEY CITY	6
	10	UTD000651653	UTAH STATE UNIVERSITY	LOGAN	1
	11	UT3213820894	TOOELE ARMY DEPOT	TOOELE	0

TOTAL 110,178

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
OTHER RECOVERY	M031-M039	2	.0	1	14.3
INCINERATION	M041-M049	47,913	44.4	5	71.4
FUEL BLENDING	M061	1	.0	1	14.3
STABILIZATION	M111-M119	37,042	34.3	2	28.6
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	14.3
LANDFILL	M132	22,346	20.7	2	28.6
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	646	.6	1	14.3
TOTAL		107,949	100.0	7	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	M041-M049	47,913	44.4	5	71.4
STABILIZATION	M111-M119	37,042	34.3	2	28.6
LANDFILL	M132	22,346	20.7	2	28.6
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	646	.6	1	14.3
OTHER RECOVERY	M031-M039	2	.0	1	14.3
FUEL BLENDING	M061	1	.0	1	14.3
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	14.3
TOTAL		107,949	100.0	7	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	47,913	44.4	5	71.4
LANDFILL	M132	22,346	20.7	2	28.6
STABILIZATION	M111-M119	37,042	34.3	2	28.6
FUEL BLENDING	M061	1	.0	1	14.3
LAND TREATMENT / APPLICATION / FARMING	M131	0	.0	1	14.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	646	.6	1	14.3
OTHER RECOVERY	M031-M039	2	.0	1	14.3
TOTAL		107,949	100.0	7	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 55,789 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 31,671 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS):

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 4,064 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK EPA ID	A HAZARDOUS WASTE GENERATORS IN THE STATE, SITE NAME	CITY	TOTAL GENERATED (TONS)
1 17777000001705	TDM CORDORATION	ESSEX JCT RUTLAND BRATTLEBORO NORTH CLARENDON BETHEL ST ALBANS OPLEANS	1 000
1 V1D002084/05	IBM CORPORATION GE AIRCRAFT ENGINES	ESSEX JCT	1,089
2 VTD002085108	GE AIRCRAFT ENGINES	RUTLAND	587
3 VIDUUIU86529	C.E. BRADLEY LABORATORIES, INC.	BRATTLEBURU	539
4 VID001075894	GE AIRCRAFT ENGINES VERMONT CASTINGS, INC. BERTEK, INC	NORTH CLARENDON	500
5 VTD03969/34/	VERMONT CASTINGS, INC.	BETHEL	156
	BERLER, INC. ODIEANS DIVISION	ORLEANS LYNDONVILL BENNINGTON BURLINGTON BRATTLEBORO	118
	ETHAN ALLEN, INC., ORLEANS DIVISION	OKLEANS	, ,
	GREENFIELD INDUSTRIES	LYNDONVILL	68
9 VTD002065597	EVEREADY BATTERY CO., INC.	BENNINGTON	67
10 VTD000/918/1	BURLINGTON TERMINAL G.S. PRECISION	BURLINGTON	62 59
	G.S. PRECISION	BRATTLEBURU	
	INTERTEK TESTING SERVICES ENV LABS	COLCHESTER	58
	ETHAN ALLEN INC.	BEECHER FALLS ST JOHNSBURY BURLINGTON SHELBURNE	53
14 VTD064436074	EHV-WEIDMANN INDUSTRIES INC	ST JOHNSBURY	48
15 VTD002083434	GENERAL DYNAMICS	BURLINGTON	45
17 1700000011072		SHELBUKNE	40
17 VTD069911873	MACK MOLDING COMPANY	DERBY LINE	37
		ARLINGTON	37
19 VTD000636563	UNIVERSITY OF VERMONT ENV SAFETY FACIL	BURLINGTON	33
20 VID002068070	BF GOODRICH/SIMMONDS PRECISION VERMONT CIRCUITS, INC. UNIVERSITY OF VERMONT & ST AG COLLEGE EVEREADY BATTERY CO.	VERGENNES	28
21 VTD980670319	VERMONT CIRCUITS, INC.	BRATTLEBORO	21
22 VTD000636449	UNIVERSITY OF VERMONT & ST AG COLLEGE	BURLINGTON	21
23 VTD002065654	EVEREADY BATTERY CO.	ST ALBANS	20
24 VTD982194193	SB COLLINS INC BRADFORD OIL CO., INC. YANKEE CORP	ST ALBANS	19
25 VTD988380564	BRADFORD OIL CO., INC.	BRADFORD	19
		FAIRFAX	16
27 VIDUUIU83468	ETHAN ALLEN, INC. RANDOLPH DIVISION	RANDOLPH	15
28 VTD9883/5580	MACE SECURITIES INT'L ESSEX GROUP, US SAMICA GREAT BROOK FURNITURE, LTD SUNOCO GASOLINE STATION	BENNINGTON RUTLAND NORTH SPRINGFIELD WATERBURY CENTER	15
29 VTD0206/3299	ESSEX GROUP, US SAMICA	RUTLAND	14
30 VTP000006/69	GREAT BROOK FURNITURE, LTD	NORTH SPRINGFIELD	13 12
31 VIRUUUUU3562	ETHAN ALLEN, INC., ISLAND POND DIVISION	WAIERBURY CENTER	12
			12
33 VTR000005348		BRANDON	
	GENERAL DYNAMICS	BURLINGTON	11
	FELLOWS CORPORATION	NORTH SPRINGFIELD	11 11
	FAIRBANKS SCALES VERMONT AGENCY OF TRANSPORTATION	ST JOHNSBURY	10
	BLODGETT OVEN CO.	SOUTH BURLINGTON BURLINGTON	9
			7
	VT AIR NATIONAL GUARD, 158 FW SAFETY KLEEN CORP	SOUTH BURLINGTON BARRE	7
	VEDMONT ACENCY OF TRANSPORTATION	COLUMN DIDI INCHON	7
	VERMONT AGENCY OF TRANSPORTATION VERMONT AGENCY OF TRANSPORTATION	COULT DIEDI INCTON	7
	VERMONT AGENCY OF TRANSPORTATION VERMONT AGENCY OF TRANSPORTATION	SOUTH BURLINGTON SOUTH BURLINGTON SOUTH BURLINGTON BRATTLEBORO WINOOSKI WINDSOR	6
	FIBERMARK, INC.	DDATTI FDODO	6
44 ALD042014005	TAVALLER AND THE TWO	MINOOGKI	6
46 VTD043040243	WINDSOR SCHOOL	WINDOOKI	5
47 VTD002067875		WILLISTON	5
48 WTD002000000	RAPPONG COAL COMDANY	BRATTLEBORO	5
49 777000003133	I.FO'S MOTORS INC	MANCHESTER	4
50 7775000003730	BARROWS COAL COMPANY LEO'S MOTORS, INC. FLEMING OIL COMPANY	BRATTLEBORO	4
JU VIJUUUUUIJ0Z	PERILING OIL COMPANI	DIVEL I HEBOICO	4
TOTAL			4 004

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

Changes to the 1997 Biennial Reporting requirements will make cursory comparisons of the 1997 National Biennial Report to earlier National Biennial Reports misleading. Refer to the Executive Summary (ES-2) for a complete explanation.

4,034

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH BOTH CHARACTERISTIC AND LISTED WASTE CODES

WASTE HAS ONLY CHARACTERISTIC CODES	TONS OF WASTE GENERATED	WASTE HAS ONLY	TONS OF WASTE GENERATED	WASTE HAS BOTH CHARACTERISTIC AND LISTED CODES	TONS OF WASTE GENERATED
ONLY IGNITABLE	252	ONLY AN F CODE	690		
ONLY CORROSIVE	20	ONLY A K CODE	0		
ONLY REACTIVE	15	ONLY A P CODE	4		
ONLY D004-17	922	ONLY A U CODE	141		
ONLY D018-43	49				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	511	LISTED CODE	2		
TOTAL	1,770	TOTAL	837	BOTH CHARACTERISTIC & LISTED	1,457

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	432			IGN. W/ AT LEAST 1 LSTD	1,324
HAS CORROSIVE CODE	76			CORR. W/ AT LEAST 1 LSTD	6
HAS REACTIVE CODE	13			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	86			D004-17 W/ AT LEAST 1 LSTD	834
HAS D018-D043 CODE	422			D018-43 W/ AT LEAST 1 LSTD	1,147
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	1,456
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	2	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	2	U WASTE W/ AT LEAST 1 CHAR	236
TOTAL	511	TOTAL	2	TOTAL	1,457

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

- 6 NUMBER OF RCRA TSD FACILITIES:
- 7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 0 TONS

TABLES 8, 9, 10 AND 11 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN VERMONT THAT REPORTED MANAGING RCRA HAZARDOUS WASTE IN 1997 OTHER THAN AS A STORAGE ONLY FACILITY.

QUANTITY

VERMONT

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 63

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 5,181 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME	CITY ESSEX JCT WILLISTON RUTLAND NORTH CLARENDON BARRE BRATTLEBORO BETHEL ST ALBANS ORLEANS ORLEANS BENNINGTON LYNDONVILL	SHIPPED (TONS)
		IBM CORPORATION	ESSEX JCT	1,096
2	VTD982766537	POLLUTION SOLUTIONS OF VERMONT INC	WILLISTON	877
3	VTD002085108	GE AIRCRAFT ENGINES	RUTLAND	587
4	VTD001075894	GE AIRCRAFT ENGINES	NORTH CLARENDON	505
5	VTD000791699	SAFETY KLEEN CORP	BARRE	408
6	VTD001086529	C.E. BRADLEY LABORATORIES, INC.	BRATTLEBORO	393
7	VTD039697347	VERMONT CASTINGS, INC.	BETHEL	156
8	VTD099682494	GE AIRCRAFT ENGINES GE AIRCRAFT ENGINES SAFETY KLEEN CORP C.E. BRADLEY LABORATORIES, INC. VERMONT CASTINGS, INC. BERTEK, INC	ST ALBANS	120
9	VTD001082841	ETHAN ALLEN, INC., ORLEANS DIVISION	RUTLAND NORTH CLARENDON BARRE BRATTLEBORO BETHEL ST ALBANS ORLEANS BENNINGTON	76
10	VTD002065597	EVEREADY BATTERY CO., INC.	BENNINGTON	71
11	VTD001080126	EVEREADY BATTERY CO., INC. GREENFIELD INDUSTRIES BURLINGTON TERMINAL G.S. PRECISION	LYNDONVILL	68
12	VTD000791871	BURLINGTON TERMINAL	BURLINGTON	62
13	VTD981065998	G.S. PRECISION	BRATTLEBORO	59
14	VTD988366167	INTERTEK TESTING SERVICES ENV LABS	COLCHESTER	58
15	VTD001081215	ETHAN ALLEN INC. GENERAL DYNAMICS THE SHELBURNE CORPORATION TIVOLY, INC.	BEECHER FALLS	53
16	VTD002083434	GENERAL DYNAMICS	BURLINGTON	45
17	VTD002068484	THE SHELBURNE CORPORATION	SHELBURNE	44
18	VTD069911873	TIVOLY, INC.	DERBY LINE	38
19	VTD000636449	UNIVERSITY OF VERMONT & ST AG COLLEGE	BURLINGTON	29
20	VTD002068070	BF GOODRICH/SIMMONDS PRECISION MACK MOLDING COMPANY	VERGENNES	27
21	VTD002068096	MACK MOLDING COMPANY	ARLINGTON	24
22	VTD000636563	UNIVERSITY OF VERMONT ENV SAFETY FACIL	BURLINGTON	23
23	VTD980670319	VERMONT CIRCUITS, INC.	BRATTLEBORO	21
24	VTP000007802	VERMONT AGENCY OF TRANSPORTATION	WALLINGFORD	20
25	VTD982194193	SB COLLINS INC	ST ALBANS	19
26	VTD988380564	BRADFORD OIL CO., INC.	BRADFORD	19
27	VTD002065654	WACK MODLING COMPANY UNIVERSITY OF VERMONT ENV SAFETY FACIL VERMONT CIRCUITS, INC. VERMONT AGENCY OF TRANSPORTATION SB COLLINS INC BRADFORD OIL CO., INC. EVEREADY BATTERY CO. EHY-WEIDMANN INDUSTRIES INC YANKEE CORP	ST ALBANS	18
28	VTD064436074	EHV-WEIDMANN INDUSTRIES INC	ST JOHNSBURY	17
29	VTD981203557	YANKEE CORP	FAIRFAX	16
30	VTD001083468	ETHAN ALLEN, INC. RANDOLPH DIVISION	RANDOLPH	15
31	VTD020673299	ESSEX GROUP, US SAMICA	RUTLAND	14
32	VTP000006769	ESSEX GROUP, US SAMICA GREAT BROOK FURNITURE, LTD SUNOCO GASOLINE STATION	NORTH SPRINGFIELD	13
33	VTR000003582	SUNOCO GASOLINE STATION	WATERBURY CENTER	12
34	VTD990800575	ETHAN ALLEN, INC., ISLAND POND DIVISION		12
35	VTR000005348	VERMONT TUBBS	BRANDON	12
36	VTD000649780	GENERAL DYNAMICS	BURLINGTON	11
3 /	VTD988375580	VERMONT TUBBS GENERAL DYNAMICS MACE SECURITIES INT'L FAIRBANKS SCALES VERMONT AGENCY OF TRANSPORTATION	BENNINGTON	11
38	VID001086131	FAIRBANKS SCALES	ST JUHNSBURY	11
39	VTP00000/693	VERMONT AGENCY OF TRANSPORTATION	SOUTH BURLINGTON	10
40	VTD001089226	FELLOWS CORPORATION	NORTH SPRINGFIELD	9
41	VIDUU2007254	BLODGEII OVEN CO.	BURLINGIUN	7
42	VIUD/2024294	VI AIR NAITONAL GUARD, 130 FW	SOUTH BURLINGTON	7
43	VIP000007691	VERMONT AGENCY OF TRANSPORTATION	COUTH BURLINGTON	7
44	VIEUUUUU / 0 / 5	MACE SECURITIES INT'L FAIRBANKS SCALES VERMONT AGENCY OF TRANSPORTATION FELLOWS CORPORATION BLODGETT OVEN CO. VT AIR NATIONAL GUARD, 158 FW VERMONT AGENCY OF TRANSPORTATION VERMONT AGENCY OF TRANSPORTATION VERMONT AGENCY OF TRANSPORTATION FIBERMARK, INC. LAVALLEE AND IDE, INC. VELAN VALVE CORP. WINDSOR SCHOOL BARROWS COAL COMPANY	SOLIU DIIDI INGLOM	6
45	VIPUUUUU / 092	ARMOMIN AGENCT OF TWANDLOWINITON	BDATTI.FRODO	6
47	VTD045014002	LAVALLEE AND THE INC	WINOOSKI	6
4.2	VTD013010213	VELAN VALVE CORP	WILLISTON	6
40	VTD002000000	WINDSOR SCHOOL	WINDSOR	5
50	VTP000007375	BARROWS COAL COMPANY	BRATTI.EBORO	5
50	,11000003133	Didition Com Committee	2.0.1.1.1.1.1.0.1.0	3

TOTAL 5,145

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 4

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 1,247 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	VTD982766537	POLLUTION SOLUTIONS OF VERMONT INC	WILLISTON	860
2	VTD000791699	SAFETY KLEEN CORP	BARRE	321
3	VTD000636563	UNIVERSITY OF VERMONT ENV SAFETY FACIL	BURLINGTON	66
4	VTD002084705	IBM CORPORATION	ESSEX JCT	0

TOTAL 1,247

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

TABLES 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN VERMONT THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE FROM OFFSITE IN 1997 OTHER THAN STORAGE ONLY FACILITIES.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 815 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 5,082 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 2

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 2,811 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

TOTAL

2,811

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	3	ONLY AN F CODE	329		
ONLY CORROSIVE	0	ONLY A K CODE	46		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	310	ONLY A U CODE	0		
ONLY D018-43	696				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	516	LISTED CODE	670		
TOTAL	1,525	TOTAL	1,044	BOTH CHARACTERISTIC & LISTED	241

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	516			IGN. W/ AT LEAST 1 LSTD	26
HAS CORROSIVE CODE	0			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	427			D004-17 W/ AT LEAST 1 LSTD	26
HAS D018-D043 CODE	516			D018-43 W/ AT LEAST 1 LSTD	215
		HAS AN F CODE	670	F WASTE W/ AT LEAST 1 CHAR	26
		HAS A K CODE	670	K WASTE W/ AT LEAST 1 CHAR	215
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	0
TOTAL	516	TOTAL	670	TOTAL	241

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES:

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 659 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK EPA ID SITE NAME CITY MANAGED

1 VID980536080 HESS OIL VIRGIN ISLANDS CORP. KINGSHILLST. CROIX 659

659

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LAND TREATMENT / APPLICATION / FARMING	M131	659	100.0	1	100.0
TOTAL		659	100.0	1	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LAND TREATMENT / APPLICATION / FARMING	M131	659	100.0	1	100.0
TOTAL		659	100.0	1	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
LAND TREATMENT / APPLICATION / FARMING	M131	659	100.0	1	100.0
TOTAL		659	100.0	1	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 2

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 2,059 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

TOTAL

2,059

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

TABLES 15, 16, 17, 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN THE VIRGIN ISLANDS THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE IN 1997.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 2,059 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 329

QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 57,395 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	HAZARDOUS WASTE GENERATORS IN THE STATE, SITE NAME	CITY FRONT ROYAL ROANOKE HOPEWELL MARTINSVILLE ELKTON NORFOLK STERLING LYNCHBURG DANVILLE NORFOLK RICHMOND RADFORD RICHMOND	TOTAL GENERATED (TONS)
		E. I. DUPONT DE NEMOURS ROANOKE ELECTRIC STEEL CORP ALLIED SIGNAL INC PRILLAMAN CHEMICAL CORP MERCK & CO., INC. COMMANDER, NAVAL BASE, NORFOLK AUTOMATA INC	FDONT BOYAT	7,936
2	VAD960334339	DONNORE ELECTRIC CTEFL CORD	PONICKE	7,936 7,405 4,123
2	VAD003122333	ALLIED CICNAL INC	HODEWETT	7, 1 03
3	VAD005365250	DDILLAMAN CUENTCAL CODD	MADEINGUITTE	3,917
- 4	VAD003111410	MEDCK CO INC	MAKIINSVILLE	2,757
6	VAD001703110	COMMANDED NAVAL BASE NORFOLK	NOBEOT'R FIRTON	2,737
7	VAD981034895	AUTOMATA INC	STEDITING	1,622
		CRIFFIN DIDE DRODUCTS CO	I.VNCHRIDG	1,394
a	VAD003417000	GRIFFIN PIPE PRODUCTS CO. HICKSON DANCHEM CORP	DANVII.I.F	1,107
1.0	177 D002177201	FORD MOTOR COMPANY - NORFOLK ASSEMBLY PL	NOBEOLK	1,084
11	VAD065177331	VIASYSTEMS TECHNOLOGIES CORP	RICHMOND	1,018
12	VA1210020730	RADFORD ARMY AMMINITION PLANT	RADEORD	947
13	VAD009305137	DIIPONT SPRIJANCE PLT	RICHMOND	900
14	VAD093561652	VIASYSTEMS TECHNOLOGIES CORP. RADFORD ARMY AMMUNITION PLANT DUPONT SPRUANCE PLT B I CHEMICALS INC NEWPORT NEWS SHIPBUILDING COYNE TEXTILE SERVICES NORFOLK NAVAL SHIPYARD	PETERSBURG	819
15	VAD001307495	NEWPORT NEWS SHIPBUILDING	NEWPORT NEWS	790
16	VAD988223574	COYNE TEXTILE SERVICES	COLONIAL HEIGHTS	746
17	VA1170024813	NORFOLK NAVAL SHIPYARD	PORTSMOUTH	735
18	VAD000798702	WESTVACO CONSUMER PACKAGING DIV PLT 1 VIRGINIA GALVANIZING CORPORATION VOLVO TRUCKS NORTH AMERICA, INC. COLONIAL PIPELINE CO - MITCHELL JCT	RICHMOND	685
19	VAD083059311	VIRGINIA GALVANIZING CORPORATION	ASHLAND	601
20	VAD066003161	VOLVO TRUCKS NORTH AMERICA. INC.	DUBLIN	557
21	VAD000731133	COLONIAL PIPELINE CO - MITCHELL JCT	COLUMBIA	555
22	VAD003062742	OSULLIVAN CORPORATION	WINCHESTER	528
23	VAD046960449	OSULLIVAN CORPORATION BWX TECHNOLOGIES, INC., NNFD	LYNCHBURG	494
24	VAD003175072	NORFOLK SHIPBUILDING AND DRYDOCK CORP WESTVACO CONSUMER PACKAGING DIV PLT 4	NORFOLK	477
25	VAD980714588	WESTVACO CONSUMER PACKAGING DIV PLT 4	RICHMOND	438
		FEDERAL MOGUL CORP	BLACKSBURG	414
27	VAD050990357	AMOCO PETROLEUM PRODUCTS- YORKTOWN	GRAFTON	401
28	VAD982573156	C S POLYMER INC	NEWPORT NEWS	367
29	VAD003175262	CLARIANT CORP	PORTSMOUTH	338
30	VAD003114832	E I DUPONT DE NEMOURS & CO INC	WAYNESBORO	335
31	VAR000004481	SARTOMER CO INC	CHATHAM	311
32	VAD089028377	REHRIG INTL	RICHMOND	307
33	VAD988211850	GREYSTONE OF VIRGINIA	TOANO	305
34	VAD982573248	VISHAY-VITRAMON ROANOKE	ROANOKE	302
35	VAD096372974	BRISTOL COMPRESSORS INC	BRISTOL	283
36	VAD000019828	AKZO NOBEL COATINGS INC	ROANOKE	280
37	VAD075612564	MICROMETRICS SYSTEMS	MEADOWS OF DAN	270
38	VAD046979498	E I DUPONT DE NEMOURS & CO INC SARTOMER CO INC REHRIG INTL GREYSTONE OF VIRGINIA VISHAY-VITRAMON ROANOKE BRISTOL COMPRESSORS INC AKZO NOBEL COATINGS INC MICROMETRICS SYSTEMS RICHMOND GRAVURE INTL PAPER UNIVERSITY OF VIRGINIA BELLWOOD PRINTING PLT LOFTON CORP SIEMENS AUTOMOTIVE ETHYL PETROLEUM ADDITIVES INC	RICHMOND	267
39	VAD000820712	UNIVERSITY OF VIRGINIA	CHARLOTTESVILLE	221
40	VAD065378515	BELLWOOD PRINTING PLT	RICHMOND	213
41	VAD980831283	LOFTON CORP	RAPHINE	213
42	VAD054040456	SIEMENS AUTOMOTIVE	NEWPORT NEWS	209
	VAD988204186	ETHYL PETROLEUM ADDITIVES INC		193
	VAD066008780	ETHYL PETROLEUM ADDITIVES INC COURTAULDS PERFORMANCE FILMS SHOREWOOD PACKAGING	FIELDALE	190
45	VAD148239569	SHOREWOOD PACKAGING	NEWPORT NEWS	171
46	VADU/1226930	WASHINGTON POST THE, SPRINGFIELD PLANT ELECTROPLATE-RITE CORP THE	SPKINGFIELD	165
4/	VADU433444/2	DEDGUGGON T II C GONG TNG	D T GUMOND	164
48	VADUU3107000	FERGUSSUN J W & SUNS INC	RICHMOND ALTAVISTA	163
	VAD003127008	LANE CO INE	ALIAVISTA	153 147
50	VADU990U5842	GOLDSCHMIDT CHEMICAL CORP	HOPEWELL	14/
TOTAL				50.000

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

Changes to the 1997 Biennial Reporting requirements will make cursory comparisons of the 1997 National Biennial Report to earlier National Biennial Reports misleading. Refer to the Executive Summary (ES-2) for a complete explanation.

50,022

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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
CODES	GENERALED	LISTED CODES	GENERALED	AND LISIED CODES	GENERALED
ONLY IGNITABLE	5,169	ONLY AN F CODE	5,157		
ONLY CORROSIVE	1,446	ONLY A K CODE	7,649		
ONLY REACTIVE	582	ONLY A P CODE	0		
ONLY D004-17	3,966	ONLY A U CODE	161		
ONLY D018-43	514				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	17,570	LISTED CODE	70		
TOTAL	29.247	TOTAL	13.038	BOTH CHARACTERISTIC & LISTED	15.088

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	14,116			IGN. W/ AT LEAST 1 LSTD	11,954
HAS CORROSIVE CODE	7,187			CORR. W/ AT LEAST 1 LSTD	49
HAS REACTIVE CODE	116			REACT. W/ AT LEAST 1 LSTD	138
HAS D004-D017 CODE	12,713			D004-17 W/ AT LEAST 1 LSTD	3,727
HAS D018-D043 CODE	9,368			D018-43 W/ AT LEAST 1 LSTD	3,088
		HAS AN F CODE	69	F WASTE W/ AT LEAST 1 CHAR	15,015
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	14
		HAS A P CODE	2	P WASTE W/ AT LEAST 1 CHAR	41
		HAS A U CODE	70	U WASTE W/ AT LEAST 1 CHAR	29
TOTAL	17,570	TOTAL	70	TOTAL	15,088

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 32

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 47,737 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

	I BINGEDI NGIGI	minimized more mandement incidiffe, i		TONS OF WASTE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	VAD042755082	SOLITE CORP - AF OLD PLT	ARVONIA	19,027
2	VAD046970521	VIRGINIA SOLITE CO	CASCADE	18,685
3	VAD003111416	PRILLAMAN CHEMICAL CORP	MARTINSVILLE	5,608
4	VAD065385296	ALLIED SIGNAL INC	HOPEWELL	3,954
5	VA1210020730	RADFORD ARMY AMMUNITION PLANT	RADFORD	337
6	VAD055046049	COOK COMPOSITES & POLYMER CO.	CHATHAM	39
7	VA7170024684	NAVAL SURFACE WARFARE CENTER DAHLGREN	DAHLGREN	38
8	VAD023741705	ATLANTIC RESERACH CORP GAINESVILLE	GAINESVILLE	16
9	VAD062373600	ASHLAND ROANOKE	ROANOKE	13
10	VA8170024170	NAVAL WEAPONS STATION YORKTOWN	YORKTOWN	13
11	VAD981112618	ATLANTIC RESEARCH CORP	RHOADSVILLE	7
12	VA1170024813	NORFOLK NAVAL SHIPYARD	PORTSMOUTH	0

TOTAL

47,737

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	5,608	11.7	2	16.7
INCINERATION	M041-M049	4,291	9.0	2	16.7
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	37,751	79.1	3	25.0
FUEL BLENDING	M061	13	.0	1	8.3
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	74	.2	4	33.3
TOTAL		47,737	100.0	12	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	37,751	79.1	3	25.0
SOLVENTS RECOVERY	M021-M029	5,608	11.7	2	16.7
INCINERATION	M041-M049	4,291	9.0	2	16.7
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	74	. 2	4	33.3
FUEL BLENDING	M061	13	.0	1	8.3
TOTAL		47,737	100.0	12	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
OTHER DISPOSAL SPECIFIED IN COMMENTS	M137	74	. 2	4	33.3
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	37,751	79.1	3	25.0
SOLVENTS RECOVERY	M021-M029	5,608	11.7	2	16.7
INCINERATION	M041-M049	4,291	9.0	2	16.7
FUEL BLENDING	M061	13	.0	1	8.3
TOTAL		47,737	100.0	12	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.
COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 289

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 93,333 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4	FTF".	I'Y LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		OII A ATTE T TOTAL
	RANK	EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
	- 1	TTA DO 770 400CC	OF DOLLED GODDODARION GAGGADE 113	CACCADE	
	2	VAD098443443	OLDOVER CORPORATION - CASCADE, VA OLDOVER CORP ARVONIA ROANOKE ELECTRIC STEEL CORP E. I. DUPONT DE NEMOURS PRILLAMAN CHEMICAL CORP MERCK & CO., INC. SAFETY-KLEEN CHESTER COMMANDER, NAVAL BASE, NORFOLK LOFTON CORP SAFETY-KLEEN CHESAPEAKE AUTOMATA INC	ARVONTA	20,650 19,890
	3	VAD003113113	ROANOKE ELECTRIC STEEL CORP	BUANOK E	6,495
	4	VAD980554539	E I DUPONT DE NEMOURS	FRONT ROYAL	4,636
	5	VAD00331333	PRILLAMAN CHEMICAL CORP	MARTINSVILLE	3,897
	6	VAD003111410	MERCK & CO. INC.	FLKTON	2,757
	7	VAD981043011	SAFETY-KLEEN CHESTER	CHESTER	2,514
	8	VA6170061463	COMMANDER, NAVAL BASE, NORFOLK	NORFOLK	2,035
	9	VAD980831283	LOFTON CORP	RAPHINE	1,904
	10	VAD000737346	SAFETY-KLEEN CHESAPEAKE	CHESAPEAKE	1,776
	11	VAD981034895	AUTOMATA INC	STERLING	1,622
	12	VAD988170684	HICKSON DANCHEM CORP	DANVILLE	1,107
	13	VAD003177391	FORD MOTOR COMPANY - NORFOLK ASSEMBLY PL	NORFOLK	1,084
	14	VAD066000993	VIASYSTEMS TECHNOLOGIES CORP.	RICHMOND	1,018
	15	VAD009305137	DUPONT SPRUANCE PLT	RICHMOND	900
	16	VAD093561652	B I CHEMICALS INC	PETERSBURG	819
	17	VAD000737361	SAFETY-KLEEN VINTON COYNE TEXTILE SERVICES NEWPORT NEWS SHIPBUILDING WESTVACO CONSUMER PACKAGING DIV PLT 1 RADFORD ARMY AMMUNITION PLANT	VINTON	779
	18	VAD988223574	COYNE TEXTILE SERVICES	COLONIAL HEIGHTS	746
	19	VAD001307495	NEWPORT NEWS SHIPBUILDING	NEWPORT NEWS	744
	20	VAD000798702	WESTVACO CONSUMER PACKAGING DIV PLT 1	RICHMOND	685
	21	VA1210020730	FORD MOTOR COMPANY - NORFOLK ASSEMBLY PL VIASYSTEMS TECHNOLOGIES CORP. DUPONT SPRUANCE PLT B I CHEMICALS INC SAFETY-KLEEN VINTON COYNE TEXTILE SERVICES NEWPORT NEWS SHIPBUILDING WESTVACO CONSUMER PACKAGING DIV PLT 1 RADFORD ARMY AMMUNITION PLANT VIRGINIA GALVANIZING CORPORATION	RADFORD	610
					601
	23	VA1170024813	NORFOLK NAVAL SHIPYARD VOLVO TRUCKS NORTH AMERICA, INC. COLONIAL PIPELINE CO - MITCHELL JCT BWX TECHNOLOGIES, INC., NNFD	PORTSMOUTH	593
	24	VAD066003161	VOLVO TRUCKS NORTH AMERICA, INC.	DUBLIN	557
	25	VADUUU/31133	BWX TECHNOLOGIES, INC., NNFD	COLUMBIA	555 513
	20	VADU4090U449	BWX TECHNOLOGIES, INC., NNFD NORFOLK SHIPBUILDING AND DRYDOCK CORP WESTVACO CONSUMER PACKAGING DIV PLT 4	LYNCHBURG NORFOLK	477
	20	VAD0031/30/2	WESTVACO CONSUMER PACKAGING DIV PLT 4	RICHMOND	438
			FEDERAL MOGUL CORP	BLACKSBURG	414
			C S POLYMER INC	NEWPORT NEWS	367
			CLARIANT CORP	PORTSMOUTH	357
	32	VAD003114832	E I DUPONT DE NEMOURS & CO INC	WAYNESBORO	326
	33	VAR000004481	E I DUPONT DE NEMOURS & CO INC SARTOMER CO INC	CHATHAM	311
	34	VAD089028377	REHRIG INTL	RICHMOND	307
	35	VAD096372974	BRISTOL COMPRESSORS INC	BRISTOL	283
	36	VAD000019828	AKZO NOBEL COATINGS INC	ROANOKE	280
	37	VAD046979498	SARTOMER CO INC REHRIG INTL BRISTOL COMPRESSORS INC AKZO NOBEL COATINGS INC RICHMOND GRAVURE INTL PAPER MICROMETRICS SYSTEMS OSULLIVAN CORPORATION VISHAY-VITRAMON ROANOKE BELLWOOD PRINTING PLT SIEMENS AUTOMOTIVE ETHYL PETROLEUM ADDITIVES INC	RICHMOND	267
	38	VAD075612564	MICROMETRICS SYSTEMS	MEADOWS OF DAN	251
	39	VAD003062742	OSULLIVAN CORPORATION	WINCHESTER	245
	40	VAD982573248	VISHAY-VITRAMON ROANOKE	ROANOKE	225
	41	VAD065378515	BELLWOOD PRINTING PLT	RICHMOND	213
	42	VAD054040456	SIEMENS AUTOMOTIVE	NEWPORT NEWS	204
	43	VAD988204186	ETHYL PETROLEUM ADDITIVES INC	RICHMOND	193
	77	VAD000000700	COURTAULDS PERFORMANCE FILMS SHOREWOOD PACKAGING ALLIED SIGNAL INC	PIEDDADE	190
		VAD148239569	SHOREWOOD PACKAGING	NEWPORT NEWS	171
			ALLIED SIGNAL INC	HOPEWELL	169
			WASHINGTON POST THE, SPRINGFIELD PLANT		165
		VAD043344472		DUBLIN	164
			FERGUSSON J W & SONS INC	RICHMOND	163 159
	50	VA31/UUUU181	NORFOLK NAVAL SHIPYARD	PORTSMOUTH	159
7	TOTAL				05.000

85,822

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

80,722

VIRGINIA

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 9

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 80,722 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

-,		II DIMODDI ROR	II INDINOSOS WIETE REELIVERS, 1997		OUANTITY
	RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
	1	VAD042755082	SOLITE CORP - AF OLD PLT	ARVONIA	19,027
	2	VAD046970521	VIRGINIA SOLITE CO	CASCADE	18,685
	3	VAD098443443	OLDOVER CORP ARVONIA	ARVONIA	17,580
	4	VAD077942266	OLDOVER CORPORATION - CASCADE, VA	CASCADE	16,672
	5	VAD003111416	PRILLAMAN CHEMICAL CORP	MARTINSVILLE	5,558
	6	VAD981043011	SAFETY-KLEEN CHESTER	CHESTER	1,651
	7	VAD000737346	SAFETY-KLEEN CHESAPEAKE	CHESAPEAKE	905
	8	VAD000737361	SAFETY-KLEEN VINTON	VINTON	631
	9	VAD062373600	ASHLAND ROANOKE	ROANOKE	13
,	TOTAL				

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY ENERGY RECOVERY (REUSE AS FUEL) FUEL BLENDING	M021-M029 M051-M059 M061	5,558 37,712 13	12.8 87.1 .0	1 2 1	25.0 50.0 25.0
TOTAL		43,283	100.0	4	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
M051-M059	37,712	87.1	2	50.0
M021-M029	5,558	12.8	1	25.0
M061	13	.0	1	25.0
	43,283	100.0	4	
	TYPE CODE M051-M059 M021-M029	SYSTEM MANAGED TYPE CODE (TONS) M051-M059 37,712 M021-M029 5,558	SYSTEM MANAGED OF TYPE CODE (TONS) QUANTITY M051-M059 37,712 87.1 M021-M029 5,558 12.8 M061 13 .0	SYSTEM MANAGED (TONS) OF (TONS) NUMBER OF (TONS) M051-M059 37,712 87.1 2 M021-M029 5,558 12.8 1 M061 13 .0 1

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	37,712	87.1	2	50.0
FUEL BLENDING	M061	13	.0	1	25.0
SOLVENTS RECOVERY	M021-M029	5,558	12.8	1	25.0
TOTAL		43,283	100.0	4	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 32,840 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 46,533 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 595

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 126,601 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	HAZARDOUS WASTE GENERATORS IN THE STATE, SITE NAME	CITY	TOTAL GENERATED (TONS) 17,672 12,005 11,433 9,081 8,686 6,529 6,503 3,539 3,528 2,670 2,511 2,476 2,401 2,323 2,288 2,254 2,113 1,850 1,815 1,591 1,562 1,474 1,457 1,284 1,224 932 804 684 489
		BOEING AUBURN USN PSNS BREMERTON		17 670
J	WADU4133/130	DUELING AUBURN	DDEMEDTON	12 005
2	WAZ1/00Z3410	BIRMINGHAM STEEL CORP SEATTLE DIVISION	DREMEKION	11 /22
		WESTERN PROCESSING CO INC	SEATTLE	0.001
- 4	WAD900/24320	WESTERN PROCESSING CO INC INTALCO ALUMINUM CORP FERNDALE GOLDENDALE ALUMINUM CO	EEDVIDAT E	9,001
6	WAD009466131	COLDENDALE ALLIMINUM CO	COLDENDALE	6 529
7	WAD550020042	USAF FAIRCHILD AFB	GDUKANE	6 503
		USAF FAIRCHILD AFB TRIPOINT	VANCOUVER	3 539
9	WAD00005508	TRIPOINT KAISER ALUMINUM & CHEMICAL CORP MEAD US DOE NRO HAUSER PROPERTY SITE CIR QUICK INC ALCOA WENATCHEE WORKS BOEING PLANT 2 SEH AMERICA INC SOL PRO INC KAISER ALUMINUM TACOMA WORKS VANALCO INC	MEAD	3,528
10	WAH000001479	IIS DOE NEO HAUSER PROPERTY SITE	DES MOINES	2.670
11	WAD981768294	CIR OUICK INC	KIRKLAND	2,511
12	WAD009270794	ALCOA WENATCHEE WORKS	MALAGA	2,476
13	WAD009256819	BOEING PLANT 2	SEATTLE	2,401
14	WAD980833099	SEH AMERICA INC	VANCOUVER	2,323
15	WAD981769110	SOL PRO INC	TACOMA	2,288
16	WAD001882984	KAISER ALUMINUM TACOMA WORKS	TACOMA	2,254
17	WAD981766751	VANALCO INC	VANCOUVER	2,113
18	WAH000001206	US DA CASHMAN MINERAL SPRINGS SITE	SKYKOMISH	1,850
19	WAD009262171	BOEING RENTON	RENTON	1,815
20	WA7890008967	US DEPT OF ENERGY	RICHLAND	1,591
21	WAR000006262	PROTOTRON CIRCUITS INC	REDMOND	1,562
22	WAD041585464	BOEING EVERETT	EVERETT	1,474
23	WAD980723738	JOSEPH SIMON & SONS INC	TACOMA	1,457
24	WAD980976625	ALLWEATHER WOOD TREATERS	WASHOUGAL	1,284
25	WAD020257945	BURLINGTON ENVIRONMENTAL INC TACOMA	TACOMA	1,224
26	WAD092899574	VANALCO INC US DA CASHMAN MINERAL SPRINGS SITE BOEING RENTON US DEPT OF ENERGY PROTOTRON CIRCUITS INC BOEING EVERETT JOSEPH SIMON & SONS INC ALLWEATHER WOOD TREATERS BURLINGTON ENVIRONMENTAL INC TACOMA BF GOODRICH KALAMA INC BURLINGTON ENVIRONMENTAL INC GEORGE USN BANGOR SUBMARINE BASE GEORGIA PACIFIC BURLINGTON ENVIRONMENTAL INC KENT PACIFIC WOOD TREATING CORP ELF ATOCHEM 2901 TAYLOR WAY USARMY HQ I CORPS & FORT LEWIS BOEING FREDERICKSON TEXACO REFINING & MARKETING ABCO PRODUCTS CO CHERRY DOINT REFINERY	KALAMA	932
27	WAD000812909	BURLINGTON ENVIRONMENTAL INC GEORGE	SEATTLE	804
28	WA5170027291	USN BANGOR SUBMARINE BASE	SILVERDALE	684
29	WAD009252297	GEORGIA PACIFIC	BELLINGHAM	489
30	WAD991281767	BURLINGTON ENVIRONMENTAL INC KENT	KENT	429 422
3.1	WAD009422411	PACIFIC WOOD IREATING CORP	RIDGEFIELD	393
32	WAD009253246	ELF AIOCHEM 2901 TAILOR WAI	IACOMA	342
2.4	WA9214U33403	DOEING EDEDICATION	FI LEWIS	338
24	WAD900402392	TEVACO DESTRINC C MADVETTIC	ANACODTEC	329
36	WAD009270197 WAD980987432	ARCO PRODUCTS CO CHERRY POINT REFINERY	RIATNE	329
37	WAD009067281	KAISER ALIMINUM TRENTWOOD	SPOKANE	320
38	WAR000011536	TEXACO REFINING & MARKETING ARCO PRODUCTS CO CHERRY POINT REFINERY KAISER ALUMINUM TRENTWOOD BROADWAY SHELL AVX VANCOUVER CORP BOEING S&CS SPACE CENTER TESSENDERLO KERLEY INC KENWORTH TRUCK CO RENTON MATSUSHITA SEMICONDUCTOR CORP OF AMERICA	EVERETT	315
39	WAD980982383	AVX VANCOUVER CORP	VANCOUVER	275
40	WAD061670766	BOEING S&CS SPACE CENTER	KENT	258
41	WAR000010397	TESSENDERLO KERLEY INC	KENNEWICK	249
42	WAD988517934	KENWORTH TRUCK CO RENTON	RENTON	233
43	WAD980738868	MATSUSHITA SEMICONDUCTOR CORP OF AMERICA	PUYALLUP	231
44	WAD000064642	JOHNSON MATTHEY ELECTRONICS INC	SPOKANE	227
45	WAD042480210	SEATTLE PORT OF KENT SITE	KENT	213
46	WA1170023419	MATSUSHITA SEMICONDUCTOR CORP OF AMERICA JOHNSON MATTHEY ELECTRONICS INC SEATTLE PORT OF KENT SITE USN KEYPORT OU1 BOEING NORTH BOEING FIELD TESORO NORTHWEST CO NORTHWEST ETCH TECHNOLOGY INC TACOMA SHIELDS BAG & PRINTING CO	KEYPORT	212
47	WAD980982037	BOEING NORTH BOEING FIELD	SEATTLE	206
48	WAD009275082	TESORO NORTHWEST CO	ANACORTES	171
49	WAD988478723	NORTHWEST ETCH TECHNOLOGY INC TACOMA	TACOMA	170
50	WAD009255647	SHIELDS BAG & PRINTING CO	YAKIMA	165
TOTAL				110,000

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

Changes to the 1997 Biennial Reporting requirements will make cursory comparisons of the 1997 National Biennial Report to earlier National Biennial Reports misleading. Refer to the Executive Summary (ES-2) for a complete explanation.

118,998

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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 ONLY CORROSIVE ONLY REACTIVE ONLY D004-17 ONLY D018-43	801 301 330 51,043 845	ONLY AN F CODE ONLY A K CODE ONLY A P CODE ONLY A U CODE	16,618 37,788 90 1,233		
HAS MORE THAN ONE CHARACTERISTIC CODE TOTAL	7,807 61,127	HAS MORE THAN ONE LISTED CODE TOTAL	3 55,732	BOTH CHARACTERISTIC & LISTED	9,742

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	2,840			IGN. W/ AT LEAST 1 LSTD	6,104
HAS CORROSIVE CODE	4,603			CORR. W/ AT LEAST 1 LSTD	152
HAS REACTIVE CODE	862			REACT. W/ AT LEAST 1 LSTD	89
HAS D004-D017 CODE	7,474			D004-17 W/ AT LEAST 1 LSTD	3,850
HAS D018-D043 CODE	1,516			D018-43 W/ AT LEAST 1 LSTD	4,102
		HAS AN F CODE	1	F WASTE W/ AT LEAST 1 CHAR	9,357
		HAS A K CODE	2	K WASTE W/ AT LEAST 1 CHAR	157
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	5
		HAS A U CODE	3	U WASTE W/ AT LEAST 1 CHAR	284
TOTAL	7,807	TOTAL	3	TOTAL	9,742

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

TONS OF WASTE

6 NUMBER OF RCRA TSD FACILITIES: 30

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 49,157 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK	EPA ID	SITE NAME	CITY	MANAGED
1	WAD041337130	BOEING AUBURN	AUBURN	15,825
2	WA7890008967	US DEPT OF ENERGY	RICHLAND	10,925
3	WAD027530526	BAY ZINC CO INC	MOXEE CITY	9,307
4	WAD991281767	BURLINGTON ENVIRONMENTAL INC KENT	KENT	5,542
5	WAD000812909	BURLINGTON ENVIRONMENTAL INC GEORGE	SEATTLE	4,646
6	WAD981769110	SOL PRO INC	TACOMA	2,466
7	WAD020257945	BURLINGTON ENVIRONMENTAL INC TACOMA	TACOMA	345
8	WAD009477175	CAMERON YAKIMA INC	YAKIMA	84
9	WA2170023418	USN PSNS BREMERTON	BREMERTON	6
10	WAD009262171	BOEING RENTON	RENTON	5
11	WA1170023419	USN KEYPORT OU1	KEYPORT	3
12	WAD009256819	BOEING PLANT 2	SEATTLE	1
13	WA1891406349	US DOE BPA ROSS COMPLEX	VANCOUVER	1
14	WA4170090001	WPNSTA SEAL BEACH DET PORT HADLOCK	PORT HADLOCK	0

TOTAL 49,157

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE. FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	25,076	51.0	6	42.9
SOLVENTS RECOVERY	M021-M029	886	1.8	4	28.6
OTHER RECOVERY	M031-M039	87	.2	2	14.3
INCINERATION	M041-M049	0	.0	1	7.1
FUEL BLENDING	M061	8,298	16.9	4	28.6
SLUDGE TREATMENT	M101-M109	74	.2	2	14.3
STABILIZATION	M111-M119	3,812	7.8	3	21.4
LANDFILL	M132	10,925	22.2	1	7.1
TOTAL		49.157	100.0	14	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	25,076	51.0	6	42.9
LANDFILL	M132	10,925	22.2	1	7.1
FUEL BLENDING	M061	8,298	16.9	4	28.6
STABILIZATION	M111-M119	3,812	7.8	3	21.4
SOLVENTS RECOVERY	M021-M029	886	1.8	4	28.6
OTHER RECOVERY	M031-M039	87	. 2	2	14.3
SLUDGE TREATMENT	M101-M109	74	.2	2	14.3
INCINERATION	M041-M049	0	.0	1	7.1
TOTAL		49,157	100.0	14	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	25,076	51.0	6	42.9
FUEL BLENDING	M061	8,298	16.9	4	28.6
SOLVENTS RECOVERY	M021-M029	886	1.8	4	28.6
STABILIZATION	M111-M119	3,812	7.8	3	21.4
OTHER RECOVERY	M031-M039	87	. 2	2	14.3
SLUDGE TREATMENT	M101-M109	74	.2	2	14.3
LANDFILL	M132	10,925	22.2	1	7.1
INCINERATION	M041-M049	0	.0	1	7.1
TOTAL		49,157	100.0	14	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 549

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 100,065 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

L4 FIF	TY LARGEST RCR	A HAZARDOUS WASTE SHIPPERS, 1997		
	EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
		USN PSNS BREMERTON	BREMERTON	12,000
		BIRMINGHAM STEEL CORP SEATTLE DIVISION	SEATTLE	11,433
		WESTERN PROCESSING CO INC	KENT	9,081
		BURLINGTON ENVIRONMENTAL INC GEORGE	SEATTLE	8,248
		GOLDENDALE ALUMINUM CO	GOLDENDALE	6,529
	WA9571924647	USAF FAIRCHILD AFB	SPOKANE	6,503
		BURLINGTON ENVIRONMENTAL INC KENT	KENT	4,837
		KAISER ALUMINUM & CHEMICAL CORP MEAD	MEAD	3,528
		BURLINGTON ENVIRONMENTAL INC TACOMA	TACOMA	2,789
			DES MOINES	2,670
11	WAD009270794	US DOE NRO HAUSER PROPERTY SITE ALCOA WENATCHEE WORKS	MALAGA	2,476
12	WAD009256819	BOEING PLANT 2	SEATTLE	2,399
		KAISER ALUMINUM TACOMA WORKS	TACOMA	2,254
	WAD981766751		VANCOUVER	2,113
15	WAD981769110	SOL PRO INC	TACOMA	2,008
16	WAH000001206	US DA CASHMAN MINERAL SPRINGS SITE	SKYKOMISH	1,850
17	WAD041337130	BOEING AUBURN	AUBURN	1,847
18	WAD009262171	BOEING RENTON	RENTON	1,809
		BOEING EVERETT	EVERETT	1,474
20	WAD009488131	INTALCO ALUMINUM CORP FERNDALE	FERNDALE	1,048
21	WA5170027291	USN BANGOR SUBMARINE BASE	SILVERDALE	666
22	WAD009252297	GEORGIA PACIFIC	BELLINGHAM	489
23	WAD009422411	PACIFIC WOOD TREATING CORP	RIDGEFIELD	422
24	WAD009253246	ELF ATOCHEM 2901 TAYLOR WAY USARMY HQ I CORPS & FORT LEWIS BOEING FREDERICKSON	RENTON EVERETT FERNDALE SILVERDALE BELLINGHAM RIDGEFIELD TACOMA FT LEWIS PUYALLUP	393
25	WA9214053465	USARMY HQ I CORPS & FORT LEWIS	FT LEWIS	349
26	WAD988482592	BOEING FREDERICKSON	PUYALLUP	338
27	WAD009276197	TEXACO REFINING & MARKETING KAISER ALUMINUM TRENTWOOD	ANACURIES	329
28	WAD009067281	TEXACO REFINING & MARKETING KAISER ALUMINUM TRENTWOOD BROADWAY SHELL AVX VANCOUVER CORP BOEING S&CS SPACE CENTER ARCO PRODUCTS CO CHERRY POINT REFINERY TESCENDEDIO KEDIEV INC.	SPOKANE	320
29	WAR000011536	BROADWAY SHELL	EVERETT	315
30	WAD980982383	AVX VANCOUVER CORP	VANCOUVER	275
31	WAD0616/0/66	BOEING S&CS SPACE CENTER	KENT	258
32	WAD980987432	ARCO PRODUCTS CO CHERRY POINT REFINERY TESSENDERLO KERLEY INC		256 249
33	WAROUULUSSI	IESSENDERDO RERDET INC	KENNEWICK	249
	WAD96073666 WAD042480210	MATSUSHITA SEMICONDUCTOR CORP OF AMERICA		213
		SEATTLE PORT OF KENT SITE USN KEYPORT OU1	KENT KEYPORT	209
	WAD980982037		SEATTLE	206
	WA7890008967		RICHLAND	190
	WAD009275082	US DEPT OF ENERGY TESORO NORTHWEST CO	ANACORTES	171
	WAD988478723	NORTHWEST ETCH TECHNOLOGY INC TACOMA	TACOMA	170
	WAD988517934	KENWORTH TRUCK CO RENTON	RENTON	168
	WAD980980270	BOEING S&CS ELECTRONIC MFG FACILITY	SEATTLE	154
43	WAD980978951	PACIFIC CIRCUITS INC	REDMOND	154
44	WAD988522603	TORAY COMPOSITES AMERICA	TACOMA	153
45	WAD038529137	SURFTECH FINISHES CO INC	KENT	151
46	WAD051247716	DAVIS WIRE CORP	KENT	135
		BLUE STREAK FINISHERS LTD PLANT 1	EVERETT	133
48	WAR000008979	BF GOODRICH AEROSPACE HANGERS 1 & 3	EVERETT	127
49	WAR000007492		BURLINGTON	126
50	WAD000064642	JOHNSON MATTHEY ELECTRONICS INC	SPOKANE	116
TOTAL				04.265

94,365

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 13

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 36,760 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

		A HADARDOOD WADIE RECEIVERS, 1997		QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	WA7890008967	US DEPT OF ENERGY	RICHLAND	10,926
2	WAD027530526	BAY ZINC CO INC	MOXEE CITY	9,233
3	WAD991281767	BURLINGTON ENVIRONMENTAL INC KEN	T KENT	7,029
4	WAD000812909	BURLINGTON ENVIRONMENTAL INC GEO	RGE SEATTLE	5,491
5	WAD981769110	SOL PRO INC	TACOMA	2,186
6	WAD020257945	BURLINGTON ENVIRONMENTAL INC TAC	OMA TACOMA	1,742
7	WAD009477175	CAMERON YAKIMA INC	YAKIMA	84
8	WAD067548966	VAN WATERS & ROGERS INC	KENT	48
9	WA9214053465	USARMY HQ I CORPS & FORT LEWIS	FT LEWIS	8
10	WAD092300250	BURLINGTON ENVIRONMENTAL WASHOUG	AL WASHOUGAL	7
11	WA1891406349	US DOE BPA ROSS COMPLEX	VANCOUVER	4
12	WA2170023418	USN PSNS BREMERTON	BREMERTON	3
13	WA1170023419	USN KEYPORT OU1	KEYPORT	0

TOTAL 36,760

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	9,239	28.0	2	28.6
SOLVENTS RECOVERY	M021-M029	884	2.7	3	42.9
OTHER RECOVERY	M031-M039	84	.3	1	14.3
FUEL BLENDING	M061	8,018	24.3	4	57.1
STABILIZATION	M111-M119	3,810	11.6	2	28.6
LANDFILL	M132	10,925	33.1	1	14.3
TOTAL		32.961	100.0	7	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
LANDFILL	M132	10,925	33.1	1	14.3
METALS RECOVERY (FOR REUSE)	M011-M019	9,239	28.0	2	28.6
FUEL BLENDING	M061	8,018	24.3	4	57.1
STABILIZATION	M111-M119	3,810	11.6	2	28.6
SOLVENTS RECOVERY	M021-M029	884	2.7	3	42.9
OTHER RECOVERY	M031-M039	84	.3	1	14.3
TOTAL		32,961	100.0	7	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
FUEL BLENDING	M061	8,018	24.3	4	57.1
SOLVENTS RECOVERY	M021-M029	884	2.7	3	42.9
METALS RECOVERY (FOR REUSE)	M011-M019	9,239	28.0	2	28.6
STABILIZATION	M111-M119	3,810	11.6	2	28.6
LANDFILL	M132	10,925	33.1	1	14.3
OTHER RECOVERY	M031-M039	84	.3	1	14.3
TOTAL		32,961	100.0	7	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING. COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

WASHINGTON

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 15,838 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 79,224 TONS

1997 WASTE GENERATION

TOTAL GENERATED

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 119

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 152,843 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

RANK	EPA ID	SITE NAME CNG TRANSMISSION CORP HASTINGS OSI SPECIALTIES, INC. WEIRTON STEEL CORPORATION RHONE-POULENC INSTITUTE PLANT DUPONT WASHINGTON WORKS CYTEC INDUSTRIES, WILLOW ISLAND PLANT BAYER CORPORATION CENTURY ALUMINUM OF WV, INC. UNION CARBIDE CORPORATION-SO. CHARLESTON STEEL OF WV UCC - SO. CHAS. (ARCO CHEM FAC.) HEINZ PET PRODUCTS ICI ACRYLICS - BELLE PLANT	CITY	(TONS)
1	WVD116025180	CNG TRANSMISSION CORP HASTINGS	PINE GROVE	57.373
2	WVD004325353	OSI SPECIALTIES, INC.	FRIENDLY	20.262
3	WVD000068908	WEIRTON STEEL CORPORATION	WEIRTON	17,844
4	WVD005005509	RHONE-POULENC INSTITUTE PLANT	INSTITUTE	7,541
5	WVD045875291	DUPONT WASHINGTON WORKS	WASHINGTON	7,370
6	WVD004341491	CYTEC INDUSTRIES, WILLOW ISLAND PLANT	WILLOW ISLAND	7,165
7	WVD056866312	BAYER CORPORATION	NEW MARTINSVILLE	6,927
8	WVD009233297	CENTURY ALUMINUM OF WV, INC.	RAVENSWOOD	6,561
9	WVD005005483	UNION CARBIDE CORPORATION-SO. CHARLESTON	SOUTH CHARLESTON	5,634
10	WVD072667801	STEEL OF WV	HUNTINGTON	2,248
11	WV0000352583	UCC - SO. CHAS. (ARCO CHEM FAC.)	SOUTH CHARLESTON	1,610
12	WVD000650903	HEINZ PET PRODUCTS	WEIRTON WEIRTON BELLE NITRO WASHINGTON NEWELL BRIDGEPORT UNION MOOREFIELD NEW MARTINSVILLE FOLLANSBEE NITRO WEIRTON GALLIPOLIS FERRY MORGANTOWN NITRO INSTITUTE	1,031
13	WVD005012851	ICI ACRYLICS - BELLE PLANT FIKE CHEMICAL - SUPERFUND SITE	BELLE	959
14	W V I J U J U J 4 J 9 D U	FIKE CHEMICAL - SUPERFUND SITE	NITRO	820
15	WVD088911854	GENERAL ELECTRIC COMPANY - WASHINGTON	WASHINGTON	767
16	WVD057634776	QUAKER STATE CORPORATION CONGO REFINERY	NEWELL	530
		BOMBARDIER SERVICES CORP./WV AIR CENTER	BRIDGEPORT	493
18	WVD056795842	BF GOODRICH	UNION	489
19	WVD981738909	AMERICAN WOODMARK CORP. PPG INDUSTRIES, INCORPORATED KOPPERS INDUSTRIES, INC. FLEXSYS AMERICA L.P NITRO PLANT	MOOREFIELD	488
20	WVD004336343	PPG INDUSTRIES, INCORPORATED	NEW MARTINSVILLE	478
21	WVD004336749	KOPPERS INDUSTRIES, INC. FLEXSYS AMERICA L.P NITRO PLANT	FOLLANSBEE	450
		FLEXSYS AMERICA L.P NITRO PLANT	NITRO	368
		CROWN CORK & SEAL CO., INC PLANT #78	WEIRTON	363
24	WVD009708702	AKZO NOBEL CHEMICALS, INC. GE SPECIALTY CHEMICALS - NORTH PLANT SUMTHER TRUCK LEASING INC.	GALLIPOLIS FERRY	303
25	WVD980552384	GE SPECIALTY CHEMICALS - NORTH PLANT	MORGANTOWN	242
26	WVP000006781	SUTTLES TRUCK LEASING, INC. CHEMICAL LEAMAN TANK LINES, INC. US CAN COMPANY	NITRO INSTITUTE WEIRTON BEECH BOTTOM NEWELL HUNTINGTON SOUTH CHARLESTON WEIRTON HUNTINGTON HUNTINGTON BELLE FOLLANSBEE KEARNEYSVILLE WEIRTON ROCKET CENTER MORGANTOWN MORGANTOWN	238
27	WVR000001719	CHEMICAL LEAMAN TANK LINES, INC.	INSTITUTE	231
		US CAN COMPANY	WEIRTON	214
2.0	TTTD 0 0 0 0 1 0 0 F 0	WHEELING-PITTSBURGH STEEL - BEECH BOTTOM	BEECH BOTTOM	205
30	WVRUUUU1UU58	ERGON-WEST VIRGINIA, INC. BASF CORPORATION - HUNTINGTON SITE UCC - TECH CENTER	NEWELL	188 183
31	WAD00000001	HASE CORPORATION - HUNITINGTON SITE	HUNIINGIUN	181
		BALL METAL FOOD CONTAINER CORP.	WEIRTON	178
		COYNE TEXTILE SERVICES	METRION	178
		COYNE TEXTILE SERVICES ACF INDUSTRIES INC.	HUNTINGTON	155
		OCCIDENTAL CHEMICAL CORP BELLE PLANT	RET.T.F	154
37	WVD003010277	WHEFITING - DITTERIDGH CTFFI	FOLLANGBEE	146
38	WVD004313533	TMATTON FNTFPDPIGES COPPOPATION	KEADNEVSVII.I.E	132
30	MAD002023220	POLL COATER INC	WEIDTON	125
40	WVR000000000	ALLIANT TECHSYSTEMS INC / ARL	DOCKET CENTED	123
41	WVD981107600	REGENERATION TECHNOLOGIES, INC.	MORGANTOWN	102
42	WVD982701732	SWANSON PLATING COMPANY	MORGANTOWN	92
43	WVD005005087	FMC CORPORATION - NITRO	NITRO	91
44	WVD004335964	EAGLE CONVEX GLASS SPECIALTY CO.	CLARKSBURG	88
45	WVD981730757	AC&S. INC	NITRO	87
46	WVD016116428	DANA TRANSPORT, INC.	NITRO	83
47	WVD981109515	FRISKIES PETCARE	WEIRTON	74
48	WVD065632424	STERLING PLUMBING GROUP, INC.	MORGANTOWN	72
49	WVD045879087	SHEIDOW BRONZE CORPORATION	KINGWOOD	71
50	WVD981945215	OCCIDENTAL CHEMICAL CORP BELLE PLANT WHEELING - PITTSBURGH STEEL IMATION ENTERPRISES CORPORATION ROLL COATER, INC. ALLIANT TECHSYSTEMS INC. / ABL REGENERATION TECHNOLOGIES, INC. SWANSON PLATING COMPANY FMC CORPORATION - NITRO EAGLE CONVEX GLASS SPECIALTY CO. AC&S, INC. DANA TRANSPORT, INC. FRISKIES PETCARE STERLING PLUMBING GROUP, INC. SHEIDOW BRONZE CORPORATION NEWCHEM, INC.	NEWELL	69
		•		
TOTAL				
				1 - 1 - 7 - 0

151,768

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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 ONLY CORROSIVE ONLY REACTIVE ONLY D004-17 ONLY D018-43	8,775 125 46 1,859 657	ONLY AN F CODE ONLY A K CODE ONLY A P CODE ONLY A U CODE	17,351 13,527 8 1,352		
HAS MORE THAN ONE CHARACTERISTIC CODE TOTAL	72,791 84,254	HAS MORE THAN ONE LISTED CODE TOTAL	18,125 50,363	BOTH CHARACTERISTIC & LISTED	18,226

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	14,394			IGN. W/ AT LEAST 1 LSTD	16,154
HAS CORROSIVE CODE	9,843			CORR. W/ AT LEAST 1 LSTD	569
HAS REACTIVE CODE	965			REACT. W/ AT LEAST 1 LSTD	829
HAS D004-D017 CODE	66,554			D004-17 W/ AT LEAST 1 LSTD	1,337
HAS D018-D043 CODE	69,364			D018-43 W/ AT LEAST 1 LSTD	11,000
		HAS AN F CODE	18,084	F WASTE W/ AT LEAST 1 CHAR	16,926
		HAS A K CODE	6,499	K WASTE W/ AT LEAST 1 CHAR	796
		HAS A P CODE	40	P WASTE W/ AT LEAST 1 CHAR	12
		HAS A U CODE	11,625	U WASTE W/ AT LEAST 1 CHAR	582
TOTAL	72,791	TOTAL	18,125	TOTAL	18,226

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 22

QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 44,438 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

RANK EPA ID	SITE NAME	CITY	TONS OF WASTE MANAGED
1 WVD004325353	OSI SPECIALTIES, INC.	FRIENDLY	15,978
2 WVD005005509	RHONE-POULENC INSTITUTE PLANT	INSTITUTE	7,213
3 WVD056866312	BAYER CORPORATION	NEW MARTINSVILLE	6,901
4 WVD045875291	DUPONT WASHINGTON WORKS	WASHINGTON	6,388
5 WVD004341491	CYTEC INDUSTRIES, WILLOW ISLAND PLANT	WILLOW ISLAND	5,234
6 WVD005005483	UNION CARBIDE CORPORATION-SO. CHARLESTON	SOUTH CHARLESTON	1,227
7 WVD076826015	INCO ALLOYS INTERNATIONAL, INC.	HUNTINGTON	913
8 WVD005012851	ICI ACRYLICS - BELLE PLANT	BELLE	581
9 WVD060682291	UCC - TECH CENTER	SOUTH CHARLESTON	3

44,438

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE. FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	NUMBER OF	PERCENTAGE OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
SOLVENTS RECOVERY	M021-M029	3	.0	1	11.1
OTHER RECOVERY	M031-M039	7	.0	1	11.1
INCINERATION	M041-M049	18,834	42.4	4	44.4
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	15,915	35.8	4	44.4
SLUDGE TREATMENT	M101-M109	913	2.1	1	11.1
LANDFILL	M132	8,766	19.7	1	11.1
TOTAL		44,438	100.0	9	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
INCINERATION ENERGY RECOVERY (REUSE AS FUEL) LANDFILL SLUDGE TREATMENT OTHER RECOVERY SOLVENTS RECOVERY	M041-M049 M051-M059 M132 M101-M109 M031-M039 M021-M029	18,834 15,915 8,766 913 7	42.4 35.8 19.7 2.1 .0	4 4 1 1 1	44.4 44.4 11.1 11.1 11.1
TOTAL		44,438	100.0	9	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF OUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
INCINERATION	M041-M049	18,834	42.4	4	44.4
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	15,915	35.8	4	44.4
LANDFILL	M132	8,766	19.7	1	11.1
SOLVENTS RECOVERY	M021-M029	3	.0	1	11.1
OTHER RECOVERY	M031-M039	7	.0	1	11.1
SLUDGE TREATMENT	M101-M109	913	2.1	1	11.1
TOTAL		44,438	100.0	9	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

QUANTITY

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 115

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 113,150 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME CNG TRANSMISSION CORP HASTINGS WEIRTON STEEL CORPORATION CENTURY ALUMINUM OF WV, INC. UNION CARBIDE CORPORATION-SO. CHARLESTON OSI SPECIALTIES, INC. BAYER CORPORATION STEEL OF WV CYTEC INDUSTRIES, WILLOW ISLAND PLANT UCC - SO. CHAS. (ARCO CHEM FAC.) SAFETY-KLEEN CORP HEINZ PET PRODUCTS DUPONT WASHINGTON WORKS FIKE CHEMICAL - SUPERFUND SITE GENERAL ELECTRIC COMPANY - WASHINGTON QUAKER STATE CORPORATION CONGO REFINERY	CITY	SHIPPED (TONS)
1	 wvn116025180	CNG TRANSMISSION CORD - HASTINGS	DINE CROVE	 57 373
2	MADUUUU888U8	WEIDTON STEEL CORDORATION	WEIDTON	17 844
3	WVD000000000000000	CENTIEV ALIMINIM OF WY INC	PAVENSWOOD	6 562
4	WVD005255257	INTON CAPRIDE CORPORATION-SO CHARLESTON	COUTH CHARLESTON	4 362
5	MAD002002402	OCT CDECTALTIES TWO	EDITING V	4,302 4 211
6	WVD004323333	BAVER CORDORATION	NEW MAPTINGUILLE	2 669
7	WVD030000312	STEEL OF MY	HINTINGTON	2,005
, α	WVD072007001	CYTEC INDICTETE WILLOW TOLAND DIANT	MILLOW TOLVING	1 021
٥	MAD004341431	TICC _ CO CURC (ADCO CUEM FAC)	COLLEGE CRYPT ECTON	1 610
10	WV0000332303	CAPPTV_KIPPN CODD	WHERT INC	1,010
11	WVD001034101	HEINZ DET DRODUCTS	WEIRTON	1 039
12	WVD000030303	DIDONT WASHINGTON WORKS	WASHINGTON	973
13	WVD043073231	FIRE CHEMICAL - SUDERFUND SITE	NITTRO	820
1/	WVD030113500	CENEDAL ELECTRIC COMPANY - MACUINCTON	WAGUINGTON	757
15	WVD000911034	OHNER CTATE CORPORATION CONCORRETNERY	NEWELL	530
16	WVD037034770	DOMENDATED CERTITURE CORPORATION CONGO REFINERI	DDIDGEDODT	493
17	WVD966776632	DE COODTOU	INTON	489
10	WVD030733042	AMEDICAN MOODMARK CODD	MOODEETELD	488
10	WVD901/30909	VODERC INDICERTED INC	MOOKEFIELD	450
19	WVD004330743	DDG INDUGEDIEG INCODDODATED	NEW MADELNOVILLE	404
21	WVD004336343	TOT ACRYSTICS - DESIGN DIANT	DELLE NEW MAKITNOATTTE	377
2.1	MAD002017021	FIRVOYC AMEDICA I D NITTO DIANT	NITTO	368
22	WVD039990903	CROWN CORY (CENT CO THE DIAME #79	WEIDTON	363
2.1	MAD001103337	DUONE DOLLERG INCREMENT DIAME	METKION	327
25	MAD002002203	CE CDECINITY CHEMICALS MODELL DIANT	MODCANTOWN	290
26	WVD960332364	GE SPECIALII CHEMICALS - NORIH PLANI	NTTPO	238
27	WVF000000701	CUPMICAL LEADING, INC.	TNOTTO	231
20	WVR000001719	AV70 NODEL CUPMICALS INC.	CATITOOTIC FFDDV	221
20	MAD003100107	TMATTON ENTERDRICES CORROBATION	VEADMEVOUTITE	215
20	WVD003093330	INATION ENTERPRISES CORPORATION	METDTON	213
31	WVD041317630	WHEFITING_DITTERNIDGH STEFT REFCH ROTTOM	METKION	205
3.7	WVD000737720	FDCON_WFCT VIDCINIA INC	NEWETT	188
33	WVR000010030	DACE CODDODATION _ UINTENCTON CITE	UINTINCTON	183
2.4	WVD000000001	DALL METAL ECOD CONTAINED CODD	WEIDTON	178
2.5	MAD 00 100 130	MALL METAL FOOD CONTAINER CORP.	METKION	175
35	WVDU00002291	COVNE TEVTTIE CEDVICEC	SUUTH CHARLESTON	175
37	WVD032374733	ACE INDICEDIES INC	HINTINGTON	155
20	WVD003004000	OCCIDENTAL CUENTCAL CODD DELLE DIANT	DELLE	154
30	WVD003010277	WHERET THE DIFFERDIDEN CYPET	EOI I VNCDEE	146
40	WVD004319339	MUTTING - LILISDORGU SITT	POCA	146
41	WVKUUUUU1440	ATTIANT TECHOVOTEMO THO / ADT	DOCKET CENTED	128
42	MAOT1005203T	DOIL CONTED INC. / ADD	WEIDTON	123
12	WVR0000000000	DECEMPERATION TECHNOLOGIES INC	MODGANTOWN	102
11	MAD301101000	EACLE CONVEY CLASS SPECIALTY CO	CIADECDIDC	88
44	WVD0043333904	AGIC INC	NITTO	87
45	WVD961730737	FMC COPPORATION - NITTRO	NITRO	86
47	M7D016116420	DANA TRANSPORT INC	NITTO	83
4.2	M7D010110120	SWANSON DIATING COMPANY	MODGANTOWN	81
40	MVD302/01/32	DDICKIEG DEAGYDE	ME LDLOMI MOTOWN I OMIN	74
E 0	MADDUEE < 30101	CTEDITNO DIIMDINO CDOUD INC	MUDGA MITOMA METICION	74
50	W V D U U U U U U U U U U U U U U U U U U	DUPONT WASHINGTON WORKS FIKE CHEMICAL - SUPERFUND SITE GENERAL ELECTRIC COMPANY - WASHINGTON QUAKER STATE CORPORATION CONGO REFINERY BOMBARDIER SERVICES CORP./WV AIR CENTER BF GOODRICH AMERICAN WOODMARK CORP. KOPPERS INDUSTRIES, INC. PPG INDUSTRIES, INCORPORATED ICI ACRYLICS - BELLE PLANT FLEXSYS AMERICA L.P NITRO PLANT CROWN CORK & SEAL CO., INC PLANT #78 RHONE-POULENC INSTITUTE PLANT GE SPECIALTY CHEMICALS - NORTH PLANT SUTTLES TRUCK LEASING, INC. CHEMICAL LEAMAN TANK LINES, INC. AKZO NOBEL CHEMICALS, INC. IMATION ENTERPRISES CORPORATION US CAN COMPANY WHEELING-PITTSBURGH STEEL - BEECH BOTTOM ERGON-WEST VIRGINIA, INC. BASF CORPORATION - HUNTINGTON SITE BALL METAL FOOD CONTAINER CORP. UCC - TECH CENTER COYNE TEXTILE SERVICES ACF INDUSTRIES INC. OCCIDENTAL CHEMICAL CORP BELLE PLANT WHEELING - PITTSBURGH STEEL SAFETY-KLEEN CORP ALLIANT TECHSYSTEMS INC. / ABL ROLL COATER, INC. REGENERATION TECHNOLOGIES, INC. EAGLE CONVEX GLASS SPECIALTY CO. AC&S, INC. FMC CORPORATION - NITRO DANA TRANSPORT, INC. SWANSON PLATING COMPANY FRISKIES PETCARE STERLING PLUMBING GROUP, INC.	HOVGWI I OMIN	12
COTAL				111 001

111,991

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 4

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 3,616 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	WVD056866312	BAYER CORPORATION	NEW MARTINSVILLE	2,634
2	WVD076826015	INCO ALLOYS INTERNATIONAL, INC.	HUNTINGTON	913
3	WVD980552384	GE SPECIALTY CHEMICALS - NORTH PLANT	MORGANTOWN	66
4	WVD060682291	UCC - TECH CENTER	SOUTH CHARLESTON	4

TOTAL 3,616

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL) SLUDGE TREATMENT	M051-M059 M101-M109	2,634 913	74.3 25.7	1 1	50.0 50.0
TOTAL		3,546	100.0	2	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL) SLUDGE TREATMENT	M051-M059 M101-M109	2,634 913	74.3 25.7	1 1	50.0 50.0
TOTAL		3,546	100.0	2	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
ENERGY RECOVERY (REUSE AS FUEL) SLUDGE TREATMENT	M051-M059 M101-M109	2,634 913	74.3 25.7	1 1	50.0 50.0
TOTAL		3,546	100.0	2	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 3,546 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 112,984 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 400

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 147,959 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

•	RANK	EPA ID	SITE NAME MASTER LOCK COMPANY HYDRITE CHEMICAL CO. SCIENTIFIC PROTIEN LABS INC WRR ENVIRONMENTAL SERVICES CO., INC CHARTER STEEL SPECIALTYCHEM PRODUCTS CORPORATION PPG INDUSTRIES INC GM- NAO JANESVILLE- TRUCK PLATFORM MILSOLV CORP VULCAN MATERIALS CO CHEMICALS DIV PROFESSIONAL PLATING COOK COMPOSITES AND POLYMERS CO. INDUSTRIAL TOWEL & UNIFORM INC WAYNE PIGMENT CORP RUST - OLEUM CORP BEMIS SPECIALTY FILMS, (CURWOOD, INC.) CURWOOD, INC MARINA CLIFFS/NORTHWESTERN BARREL SITE AMERICAN PACKAGING CORPORATION ALDRICH CHEMICAL COMPANY KOHLER CO ELECTROTEK CORP	CITY	TOTAL GENERATED (TONS)
		 WTD0E410E210	MACTED LOCK COMPANY		60 652
	J	MID024102719	MASIER LUCK COMPANY	MILWAUKEE	68,652 9,620
	2	WID00000024	COTEMPTETO DEOPTEM INDO INC	MAINAVEE	7,883
	3	WID0/0131304	WED ENTITE ON THE CERTIFIES OF THE	WAUNAKEE	5,883
	- 4	WID990029473	CHARTER CTERI	WASHINGTON	5,005
	6	WID020077074	CHARLER SIEEL CDFCIALTVCHFM DPODICTC COPDODATION	MVBINELLE	4,687
	7	WID000000200	DDG INDIGRATES INC	OVK CBEEK	4,169
	8	WID059972935	CM- NAO JANESVILLE- TRUCK PLATFORM	TANESVILLE	3,010
	9	WID033350192	MILSOLV CORP	MENOMONEE FALLS	2,413
	10	WID025530132	VIII.CAN MATERIALS CO CHEMICALS DIV	PORT EDWARDS	1,814
	11	WIT560010746	PROFESSIONAL PLATING	BRILLION	1,787
	12	WTD980615439	COOK COMPOSITES AND POLYMERS CO.	SAUKVILLE	1,680
	13	WTD001781186	INDUSTRIAL TOWEL & UNIFORM INC	NEW BERLIN	1,486
	14	WID000809038	WAYNE PIGMENT CORP	MILWAUKEE	1,430
	15	WID988575452	RUST - OLEUM CORP	PLEASANT PRAIRIE	1,357
	16	WIT560011595	BEMIS SPECIALTY FILMS, (CURWOOD, INC.)	OSHKOSH	1,204
	17	WID006144737	CURWOOD, INC	NEW LONDON	1,025
	18	WIR000028258	MARINA CLIFFS/NORTHWESTERN BARREL SITE	SOUTH MILWAUKEE	996
	19	WID060446499	AMERICAN PACKAGING CORPORATION	COLUMBUS	952
	20	WID000713461	ALDRICH CHEMICAL COMPANY	SHEBOYGAN FALLS	944
	21	WID006073225	KOHLER CO	KOHLER	907
	22	WIT560010795	AMERICAN PACKAGING CORPORATION ALDRICH CHEMICAL COMPANY KOHLER CO ELECTROTEK CORP PHO-TRONICS INC	OAK CREEK	891
	43	MIDOOO/IIO//	PHO-IRONICS INC	MITTMAUVEE	884
	2.4	TiTTD00/020021	DATE ECCHED GLACG GOMEATMED GO I I G	DIIDI TAICHOAI	777
	25	WID982071458	ASHLEY FURNITURE INDUSTRIES HENTZEN COATING INC ALDRICH CHEMICAL COMPANY MAUTZ PAINT CO SHEBOYGAN PAINT CO. S K WILLIAMS CO J & L FIBER SERVICES INC ALDRICH CHEMICAL COMPANY AMERICA'S BEST QUALITY COATINGS CORP TRENT TUBE PLT 2 & 3	WHITEHALL	631
	26	WID023394158	HENTZEN COATING INC	MILWAUKEE	499
	27	WID000808147	ALDRICH CHEMICAL COMPANY	MILWAUKEE	474
	28	WID006105936	MAUTZ PAINT CO	MADISON	462
	29	WID006103766	SHEBOYGAN PAINT CO.	SHEBOYGAN	427
	30	WID006107122	S K WILLIAMS CO	WAUWATOSA	421
	31	WID073854044	J & L FIBER SERVICES INC	WAUKESHA	392
	32	WID006113906	ALDRICH CHEMICAL COMPANY	MILWAUKEE	385
	33	WID980584114	AMERICA'S BEST QUALITY COATINGS CORP	MILWAUKEE	314
	34	WID980570055			293
	35	WID011553310	MILSCO MFG. COREDGRANITE	MANITOWOC	276 264
	27	WID003300740	BRADY USA, INC., FLORIST AVE. PLANT	REDGRANITE GLENDALE	204
					219
	30	WID960620170	UNDIFY DAVIDGON MOTOD COMDANY	TOMANAWK	219
	40	WID001700139	RRILLION IRON WORKS INC	RPTLLTON	212
	41	WID046027734 WID006119978	AMERICAN NATIONAL CAN COMPANY	MENASHA	212
	42	WTD981527013	RAARE CORP	MENOMONEE FALLS	193
	43	WID006120141	GASCOIGNE CO	WAUKESHA	190
	44	WID006424857	CHILTON PLATING CO., INC.	CHILTON	187
	45	WID982204968	MILWAUKEE VALVE CO	PRAIRIE DU SAC	186
	46	WID000713115	HARLEY DAVIDSON MOTOR COMPANY BRILLION IRON WORKS INC AMERICAN NATIONAL CAN COMPANY RAABE CORP GASCOIGNE CO CHILTON PLATING CO., INC. MILWAUKEE VALVE CO KOHLER CO - TOWN OF MOSEL PLANT BANNER PACKAGING	MOSEL	181
	47	WID091781625	BANNER PACKAGING	OSHKOSH	179
	48	WID006119986	AMERICAN NATIONAL CAN COMPANY	NEENAH	178
	49	WID006126999	PIERCE MANUFACTURING	APPLETON	173
	50	WID006085401	AMERICAN NATIONAL CAN COMPANY PIERCE MANUFACTURING LADISH CO., INC.	CUDAHY	171
	TOTAL				125 012

NOTE:

STATE MAY HAVE FEWER THAN FIFTY GENERATORS. GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

Changes to the 1997 Biennial Reporting requirements will make cursory comparisons of the 1997 National Biennial Report to earlier National Biennial Reports misleading. Refer to the Executive Summary (ES-2) for a complete explanation.

137,013

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

- REPORTED WITH 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	22,192	ONLY AN F CODE	45,150		
ONLY CORROSIVE	19,554	ONLY A K CODE	7,232		
ONLY REACTIVE	40	ONLY A P CODE	47		
ONLY D004-17	52,416	ONLY A U CODE	490		
ONLY D018-43	790				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	0	LISTED CODE	0		
TOTAL	94,992	TOTAL	52,919	BOTH CHARACTERISTIC & LISTED	0

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	0			IGN. W/ AT LEAST 1 LSTD	0
HAS CORROSIVE CODE	0			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	0			D004-17 W/ AT LEAST 1 LSTD	0
HAS D018-D043 CODE	0			D018-43 W/ AT LEAST 1 LSTD	0
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	0
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	0
TOTAL	0	TOTAL	0	TOTAL	0

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

6 NUMBER OF RCRA TSD FACILITIES: 132

7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 30,934 TONS

8 FIFTY LARGEST RCRA HAZARDOUS WASTE MANAGEMENT FACILITIES, 1997

				TONS OF WASTE
RANK	EPA ID	SITE NAME	CITY	MANAGED
1	WID000808824	HYDRITE CHEMICAL CO.	COTTAGE GROVE	23,840
2	WID990829475	WRR ENVIRONMENTAL SERVICES CO., INC	WASHINGTON	5,319
3	WID060446499	AMERICAN PACKAGING CORPORATION	COLUMBUS	806
4	WID981092265	HYDRITE CHEMICAL COMPANY	MILWAUKEE	782
5	WID980615439	COOK COMPOSITES AND POLYMERS CO.	SAUKVILLE	121
6	WI0000117853	LAMP RECYCLERS INC	GREEN BAY	31
7	WID023548837	DICO INC	SLINGER	21
8	WID046536231	VULCAN MATERIALS CO CHEMICALS DIV	PORT EDWARDS	10
9	WI0000934174	AURA-II INC	MILWAUKEE	3
10	WID023350192	MILSOLV CORP	MENOMONEE FALLS	1
TOTAL				

30,934

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT MANAGED WASTE.

FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

1997 WASTE MANAGEMENT, CONTINUED

9 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF OUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
METALS RECOVERY (FOR REUSE)	M011-M019	13	.0	2	20.0
SOLVENTS RECOVERY	M021-M029	11,715	37.9	6	60.0
OTHER RECOVERY	M031-M039	31	.1	1	10.0
INCINERATION	M041-M049	455	1.5	4	40.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	90	.3	4	40.0
FUEL BLENDING	M061	18,630	60.2	3	30.0
TOTAL		30,934	100.0	10	

10 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
FUEL BLENDING SOLVENTS RECOVERY INCINERATION ENERGY RECOVERY (REUSE AS FUEL) OTHER RECOVERY METALS RECOVERY (FOR REUSE)	M061 M021-M029 M041-M049 M051-M059 M031-M039 M011-M019	18,630 11,715 455 90 31	60.2 37.9 1.5 .3 .1	3 6 4 4 1 2	30.0 60.0 40.0 40.0 10.0 20.0
TOTAL		30,934	100.0	10	

11 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF QUANTITY	NUMBER OF FACILITIES	PERCENTAGE OF FACILITIES
SOLVENTS RECOVERY	M021-M029	11,715	37.9	6	60.0
INCINERATION ENERGY RECOVERY (REUSE AS FUEL)	M041-M049 M051-M059	455 90	1.5	4	40.0 40.0
FUEL BLENDING METALS RECOVERY (FOR REUSE)	M061 M011-M019	18,630 13	60.2	3 2	30.0 20.0
OTHER RECOVERY	M031-M039	31	.1	1	10.0
TOTAL		30,934	100.0	10	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED.

COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 WASTE SHIPMENTS

QUANTITY

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 369

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 73,429 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

RANK	EPA ID	SITE NAME HYDRITE CHEMICAL CO. WRR ENVIRONMENTAL SERVICES CO., INC CHARTER STEEL PPG INDUSTRIES INC MILSOLV CORP GM- NAO JANESVILLE- TRUCK PLATFORM PHO-TRONICS INC SPECIALTYCHEM PRODUCTS CORPORATION INDUSTRIAL TOWEL & UNIFORM INC RUST - OLEUM CORP CURWOOD, INC MARINA CLIFFS/NORTHWESTERN BARREL SITE ALDRICH CHEMICAL COMPANY KOHLER CO SAFETY-KLEEN KAUKAUNA BALL-FOSTER GLASS CONTAINER CO., L.L.C. WAYNE PIGMENT CORP ASHLEY FURNITURE INDUSTRIES MAUTZ PAINT CO HENTZEN COATING INC ALDRICH CHEMICAL COMPANY AETS-CONTROLLED WASTE DIVHHW FACILITY BEMIS SPECIALTY FILMS, (CURWOOD, INC.) SHEBOYGAN PAINT CO. S K WILLIAMS CO ALDRICH CHEMICAL COMPANY J & L FIBER SERVICES INC SAFETY-KLEEN CORP-LA CROSSE	CITY	SHIPPED (TONS)
1	WID000808824	HYDRITE CHEMICAL CO.	COTTAGE GROVE	14,180
2	WID990829475	WRR ENVIRONMENTAL SERVICES CO., INC	WASHINGTON	10,405
3	WID028877074	CHARTER STEEL	SAUKVILLE	5,004
4	WID059972935	PPG INDUSTRIES INC	OAK CREEK	4,210
5	WID023350192	MILSOLV CORP	MENOMONEE FALLS	4,055
6	WID059980045	GM- NAO JANESVILLE- TRUCK PLATFORM	JANESVILLE	3,015
7	WID000711077	PHO-TRONICS INC	MILWAUKEE	2,680
8	WID980898266	SPECIALTYCHEM PRODUCTS CORPORATION	MARINETTE	1,903
9	WID001781186	INDUSTRIAL TOWEL & UNIFORM INC	NEW BERLIN	1,448
10	WID988575452	RUST - OLEUM CORP	PLEASANT PRAIRIE	1,357
11	WID006144737	CURWOOD, INC	NEW LONDON	1,010
12	WIR000028258	MARINA CLIFFS/NORTHWESTERN BARREL SITE	SOUTH MILWAUKEE	996
13	WID000713461	ALDRICH CHEMICAL COMPANY	SHEBOYGAN FALLS	945
14	WID006073225	KOHLER CO	KOHLER	899
15	WID981187297	SAFETY-KLEEN KAUKAUNA	KAUKAUNA	874
16	WID004939831	BALL-FOSTER GLASS CONTAINER CO., L.L.C.	BURLINGTON	777
17	WID000809038	WAYNE PIGMENT CORP	MILWAUKEE	718
18	WID982071458	ASHLEY FURNITURE INDUSTRIES	WHITEHALL	631
19	WID006105936	MAUTZ PAINT CO	MADISON	505
20	WID023394158	HENTZEN COATING INC	MILWAUKEE	499
21	WID000808147	ALDRICH CHEMICAL COMPANY	MILWAUKEE	475
22	WID003967148	AETS-CONTROLLED WASTE DIVHHW FACILITY	MENOMONEE FALLS	462
23	WIT560011595	BEMIS SPECIALTY FILMS, (CURWOOD, INC.)	OSHKOSH	461
24	WID006103766	SHEBOYGAN PAINT CO. S K WILLIAMS CO ALDRICH CHEMICAL COMPANY J & L FIBER SERVICES INC SAFETY-KLEEN CORP-LA CROSSE	SHEBOYGAN	427
25	WID006107122	S K WILLIAMS CO	WAUWATOSA	420
26	WID006113906	ALDRICH CHEMICAL COMPANY	MILWAUKEE	399
27	WID073854044	J & L FIBER SERVICES INC	WAUKESHA LA CROSSE	397
28	WID980896641	SAFETY-KLEEN CORP-LA CROSSE	LA CROSSE	333
29	WID980584114	AMERICA'S BEST QUALITY COATINGS CORP	MILWAUKEE	313
30	WID980570055	AMERICA'S BEST QUALITY COATINGS CORP TRENT TUBE PLT 2 & 3	EAST TROY	293
31	WID980826176	APOGEE WAUSAU GROUP INC., LINETEC DIVIS	WAUSAU	219
32	WIT560010373	BRADY USA, INC., FLORIST AVE. PLANT	GLENDALE	217
33	WID001780139	HARLEY DAVIDSON MOTOR COMPANY	TOMAHAWK	212
34	WID048027734	BRILLION IRON WORKS INC	BRILLION	212
35	WID006119978	AMERICAN NATIONAL CAN COMPANY	MENASHA	212
36	WID980615439	COOK COMPOSITES AND POLYMERS CO.	SAUKVILLE	207
37	WID981527013	RAABE CORP	MENOMONEE FALLS	193
38	WID006120141	GASCOIGNE CO	WAUKESHA	191
39	WID006424857	CHILTON PLATING CO., INC.	CHILTON	187
40	WID982204968	MILWAUKEE VALVE CO	PRAIRIE DU SAC	186
41	WID000713115	KOHLER CO - TOWN OF MOSEL PLANT	MOSEL	181
42	WID006126999	PIERCE MANUFACTURING	APPLETON	173
43	WID006085401	LADISH CO., INC.	CUDAHY	171
44	WID006090294	SNAP-ON TOOLS COMPANY	KENOSHA	167
45	WIT560010746	PROFESSIONAL PLATING	BRILLION	166
46	WID006070338	WISCONSIN CENTRIFUGAL	WAUKESHA	165
47	WID006101695	APOGEE WAUSAU GROUP INC., LINETEC DIVIS BRADY USA, INC., FLORIST AVE. PLANT HARLEY DAVIDSON MOTOR COMPANY BRILLION IRON WORKS INC AMERICAN NATIONAL CAN COMPANY COOK COMPOSITES AND POLYMERS CO. RAABE CORP GASCOIGNE CO CHILTON PLATING CO., INC. MILWAUKEE VALVE CO KOHLER CO - TOWN OF MOSEL PLANT PIERCE MANUFACTURING LADISH CO., INC. SNAP-ON TOOLS COMPANY PROFESSIONAL PLATING WISCONSIN CENTRIFUGAL OUTOKUMPU COPPER KENOSHA INC. GENERAL FIBERGLASS SUPPLY INC THERMAL CLEAN INC WASTE MANAGEMENT OF WI, OMEGA HILLS LAN	KENOSHA	158
48	WID066866898	GENERAL FIBERGLASS SUPPLY INC	PEWAUKEE	157
49	WID980901391	THERMAL CLEAN INC	CHILTON	154
50	WID000808568	WASTE MANAGEMENT OF WI, OMEGA HILLS LAN	GERMANTOWN	150

TOTAL 63,767

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING. STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

15 NUMBER OF RCRA HAZARDOUS WASTE RECEIVERS: 11

16 QUANTITY OF RCRA HAZARDOUS WASTE RECEIVED: 29,644 TONS

17 FIFTY LARGEST RCRA HAZARDOUS WASTE RECEIVERS, 1997

				QUANTITY
RANK	EPA ID	SITE NAME	CITY	RECEIVED (TONS)
1	WID000808824	HYDRITE CHEMICAL CO.	COTTAGE GROVE	16,298
2	WID990829475	WRR ENVIRONMENTAL SERVICES CO., INC	WASHINGTON	7,632
3	WID084106137	HYDRITE CHEMICAL CO	LA CROSSE	3,513
4	WID981092265	HYDRITE CHEMICAL COMPANY	MILWAUKEE	782
5	WID981187297	SAFETY-KLEEN KAUKAUNA	KAUKAUNA	688
6	WID006113906	ALDRICH CHEMICAL COMPANY	MILWAUKEE	400
7	WID040784936	VAN WATERS AND ROGERS INC	MILWAUKEE	134
8	WID980615439	COOK COMPOSITES AND POLYMERS CO.	SAUKVILLE	121
9	WI0000117853	LAMP RECYCLERS INC	GREEN BAY	31
10	WID000809012	U W MADISON SAFETY DEPT MILL ST STORAGE	MADISON	31
11	WIR000028704	MERCURY WASTE SOLUTIONS INC	KENOSHA	14

TOTAL 29,644

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

STATE MAY HAVE FEWER THAN FIFTY FACILITIES THAT RECEIVED WASTE.

1997 WASTE RECEIPTS, CONTINUED

18 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY MANAGEMENT METHOD, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

MANAGEMENT METHOD	SYSTEM TYPE CODE	QUANTITY MANAGED (TONS)	PERCENTAGE OF OUANTITY	NUMBER OF	PERCENTAGE OF FACILITIES
		(10N5)			
SOLVENTS RECOVERY	M021-M029	10,887	48.3	3	60.0
OTHER RECOVERY	M031-M039	31	.1	1	20.0
INCINERATION	M041-M049	455	2.0	4	80.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	90	. 4	3	60.0
FUEL BLENDING	M061	11,088	49.2	3	60.0
TOTAL		22,552	100.0	5	

19 MANAGEMENT METHOD, BY QUANTITY OF RCRA HAZARDOUS WASTE MANAGED LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

		QUANTITY	PERCENTAGE		PERCENTAGE
	SYSTEM	MANAGED	OF	NUMBER OF	OF
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
FUEL BLENDING	M061	11,088	49.2	3	60.0
SOLVENTS RECOVERY	M021-M029	10,887	48.3	3	60.0
INCINERATION	M041-M049	455	2.0	4	80.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	90	. 4	3	60.0
OTHER RECOVERY	M031-M039	31	.1	1	20.0
TOTAL		22,552	100.0	5	

20 MANAGEMENT METHOD AND QUANTITY OF RCRA HAZARDOUS WASTE MANAGED BY NUMBER OF FACILITIES, LIMITED TO WASTE RECEIVED FROM OFFSITE, 1997

	SYSTEM	QUANTITY MANAGED	PERCENTAGE OF	MIMDED OF	PERCENTAGE OF
				NUMBER OF	
MANAGEMENT METHOD	TYPE CODE	(TONS)	QUANTITY	FACILITIES	FACILITIES
INCINERATION	M041-M049	455	2.0	4	80.0
FUEL BLENDING	M061	11,088	49.2	3	60.0
SOLVENTS RECOVERY	M021-M029	10,887	48.3	3	60.0
ENERGY RECOVERY (REUSE AS FUEL)	M051-M059	90	. 4	3	60.0
OTHER RECOVERY	M031-M039	31	.1	1	20.0
TOTAL		22,552	100.0	5	

NOTE: FACILITIES REPORTING STORAGE ONLY AND THEIR QUANTITY MANAGED ARE EXCLUDED. COLUMNS MAY NOT SUM DUE TO ROUNDING.

COLUMNS MAY NOT SUM TO TOTAL BECAUSE FACILITIES MAY HAVE MULTIPLE HANDLING METHODS.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 20,809 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 60,871 TONS

1997 WASTE GENERATION

1 NUMBER OF RCRA LARGE QUANTITY GENERATORS (LQGS): 15

2 QUANTITY OF RCRA HAZARDOUS WASTE GENERATED: 1,478 TONS

3 FIFTY LARGEST RCRA HAZARDOUS WASTE GENERATORS IN THE STATE, 1997

				TOTAL GENERATED
RANK	EPA ID	SITE NAME	CITY	(TONS)
1	WYD051843613	FRONTIER REFINING INC.	CHEYENNE	818
2	WYR000001495	KFX FUEL PARTNERS, L.P.	GILLETTE	488
3	WYD048743009	LITLE AMERICA REFINING COMPANY	CASPER	38
4	WYD043705102	NEWCASTLE REFINERY COMPANY	NEWCASTLE	35
5	WYD079959185	SINCLAIR OIL CORPORATION	SINCLAIR	26
6	WYD088677943	TEXACO REFINING & MARKETING INC	EVANSVILLE	24
7	WYD000712687	NALCO/EXXON ENERGY CHEMICALS	EVANSVILLE	17
8	WY5571924179	FRANCIS E WARREN AFB	CHEYENNE	11
9	WYR000000620	CONOCO PIPELINE BANNER MP117	BANNER	8
10	WYD007089196	COASTAL CHEM INC	CHEYENNE	5
11	WYD988869269	SILVER EAGLE REFINING	EVANSTON	5
12	WYD061112470	UNION PACIFIC RAILROAD	LARAMIE	3
13	WYD981541790	TG SODA ASH INC	GRANGER	2
14	WYD007064447	AMOCO OIL COMPANY FORMER CASPER REFINERY	CASPER	0

1,478

NOTE: STATE MAY HAVE FEWER THAN FIFTY GENERATORS.

TOTAL

GENERATORS WITH ZERO QUANTITY GENERATED ARE EXCLUDED.

1997 WASTE GENERATION, CONTINUED

4 QUANTITIES OF WASTE GENERATED IN 1997 THAT WERE

- REPORTED WITH ONLY CHARACTERISTIC WASTE CODES

- REPORTED WITH ONLY LISTED WASTE CODES

REPORTED WITH 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	4	ONLY AN F CODE	259		
ONLY CORROSIVE	1	ONLY A K CODE	619		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	19	ONLY A U CODE	2		
ONLY D018-43	524				
HAS MORE THAN ONE		HAS MORE THAN ONE			
CHARACTERISTIC CODE	39	LISTED CODE	0		
TOTAL	586	TOTAL	880	BOTH CHARACTERISTIC & LISTED	12

5 QUANTITIES OF WASTE GENERATED IN 1997 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 CHAR, AND LISTED CODES	TONS OF WASTE GENERATED
HAS IGNITABLE CODE	37			IGN. W/ AT LEAST 1 LSTD	4
HAS CORROSIVE CODE	0			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	2			D004-17 W/ AT LEAST 1 LSTD	9
HAS D018-D043 CODE	38			D018-43 W/ AT LEAST 1 LSTD	1
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	11
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	0
TOTAL	39	TOTAL	0	TOTAL	12

NOTE: COLUMNS DO 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 ALSO MAY
CONTAIN OTHER CHARACTERISTIC WASTE CODES.
SIMILARLY, WASTES WITH F,K,P, AND U LISTED CODES MAY HAVE OTHER LISTED WASTE CODES.

1997 WASTE MANAGEMENT

- 6 NUMBER OF RCRA TSD FACILITIES:
- 7 QUANTITY OF RCRA HAZARDOUS WASTE MANAGED: 0 TONS

TABLES 8, 9, 10 AND 11 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN WYOMING THAT REPORTED MANAGING RCRA HAZARDOUS WASTE IN 1997 OTHER THAN AS A STORAGE ONLY FACILITY.

1,227

WYOMING

1997 WASTE SHIPMENTS

12 NUMBER OF RCRA HAZARDOUS WASTE SHIPPERS: 14

13 QUANTITY OF RCRA HAZARDOUS WASTE SHIPPED: 1,227 TONS

14 FIFTY LARGEST RCRA HAZARDOUS WASTE SHIPPERS, 1997

	EPA ID	SITE NAME	CITY	QUANTITY SHIPPED (TONS)
1	WYR000001495	KFX FUEL PARTNERS, L.P.	GILLETTE	876
2	WYD051843613	FRONTIER REFINING INC.	CHEYENNE	180
3	WYD048743009	LITLE AMERICA REFINING COMPANY	CASPER	38
4	WYD043705102	NEWCASTLE REFINERY COMPANY	NEWCASTLE	35
5	WYD079959185	SINCLAIR OIL CORPORATION	SINCLAIR	26
6	WYD088677943	TEXACO REFINING & MARKETING INC	EVANSVILLE	24
7	WYD000712687	NALCO/EXXON ENERGY CHEMICALS	EVANSVILLE	15
8	WY5571924179	FRANCIS E WARREN AFB	CHEYENNE	11
9	WYR000000620	CONOCO PIPELINE BANNER MP117	BANNER	8
10	WYD007089196	COASTAL CHEM INC	CHEYENNE	5
11	WYD988869269	SILVER EAGLE REFINING	EVANSTON	5
12	WYD061112470	UNION PACIFIC RAILROAD	LARAMIE	3
13	WYD981541790	TG SODA ASH INC	GRANGER	2
14	WYD007064447	AMOCO OIL COMPANY FORMER CASPER REFINERY	CASPER	0

NOTE: COLUMNS MAY NOT SUM DUE TO ROUNDING.

TOTAL

STATE MAY HAVE FEWER THAN FIFTY SHIPPERS.

1997 WASTE RECEIPTS

TABLES 15, 16, 17, 18, 19 AND 20 HAVE BEEN OMITTED FROM THIS REPORT BECAUSE THERE WERE NO FACILITIES IN WYOMING THAT REPORTED RECEIVING RCRA HAZARDOUS WASTE IN 1997.

1997 IMPORTS AND EXPORTS

21 QUANTITY OF RCRA HAZARDOUS WASTE IMPORTED: 0 TONS

22 QUANTITY OF RCRA HAZARDOUS WASTE EXPORTED: 1,227 TONS