



REPORT OF  
SOLID WASTE  
LANDFILLED  
IN  
MICHIGAN

OCTOBER 1, 2002 – SEPTEMBER 30, 2003

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
WASTE AND HAZARDOUS MATERIALS DIVISION

January 30, 2004

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## INTRODUCTION

Section 11507a(1) of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, requires all landfills in Michigan to “annually submit a report to the state and the county and municipality in which the landfill is located that contains information on the amount of solid waste received by the landfill during the year itemized, to the extent possible, by county, state, or country of origin.” This Report covers the period from October 1, 2002, to September 30, 2003, and is the eighth annual Report of Solid Waste Landfilled in Michigan as compiled from the information submitted by the individual landfills.

It is recognized by the Department of Environmental Quality (DEQ) that the data may include estimates as to volume and point of origin of the waste stream reported by each landfill. Additionally, use of both standard and waste-specific conversion factors between tons and cubic yards may further alter the data accuracy.

The Waste Receipt Report forms sent by the DEQ to the landfills provide for reporting of the waste received by category. Type II waste is municipal solid waste. Type III wastes are certain wastes generated in industrial and construction/demolition activities. Certain Type III wastes are accounted for specifically in landfill waste receipt reports, primarily to calculate the financial assurance applicable to those types of wastes. These specially accounted wastes are: (1) foundry sand; (2) coal or wood ash; (3) wastewater treatment sludges; and (4) sediments from wood processing or paper manufacturing. If these wastes are placed in segregated cells or otherwise separated from other wastes in a landfill, they are labeled in this Report as “Type III Segregated Waste” (if each specially accounted waste is disposed of separately) or “Type III Mixed Waste” (if the specially accounted wastes are mixed together). For additional information on these wastes, see Sections 11525(3) and (4) of Part 115.

It should be noted that this Report addresses waste imported to Michigan landfills from in-state and out-of-state locations. It does not address waste originating in Michigan that is transported to locations outside Michigan for disposal. Additionally, this Report

covers only waste landfilled in Michigan and does not attempt to determine the amount of waste removed from the overall waste stream prior to final disposal by such means as waste reduction and recycling. Incineration in Michigan is also not addressed except for the final landfilling of ash from municipal incinerators.

### WASTE DISPOSAL SUMMARY INFORMATION

Total waste disposal in Michigan landfills was reported at 62,615,429 cubic yards, an increase of 5,074,507 cubic yards or about 9 percent over the Fiscal Year (FY) 2002 Report. Waste generated in Michigan increased from 46,046,479 cubic yards in the previous reporting period to 47,115,961 cubic yards, an increase of about 2 percent. Total imports of waste into Michigan landfills also increased from the previous reporting period from 11,494,443 cubic yards to 15,499,468 cubic yards, an increase of about 35 percent. The largest source of waste imports to Michigan continues to be from Canada, with total reported imports to landfills of 9,433,028 cubic yards, up 2,825,172 cubic yards or about 43 percent from the FY 2002 Report. Canadian waste imports equal about 15 percent of all waste disposed of in Michigan landfills. Waste reported from other states and Canada totaled about 25 percent of all solid waste disposed of in Michigan landfills. Imported waste comprised 20 percent of solid waste disposed of in Michigan landfills in the previous year. Further, the data that follow outline the out-of-state imports to Michigan over the past eight FYs. Imports from other states increased to 6,066,440 cubic yards from 4,886,587 cubic yards, an increase of about 24 percent. This information is presented in Tables 1 and 2 and Figure 1.

**TABLE 1**

**SOLID WASTE DISPOSED OF IN MICHIGAN LANDFILLS  
(All Figures in Cubic Yards)**

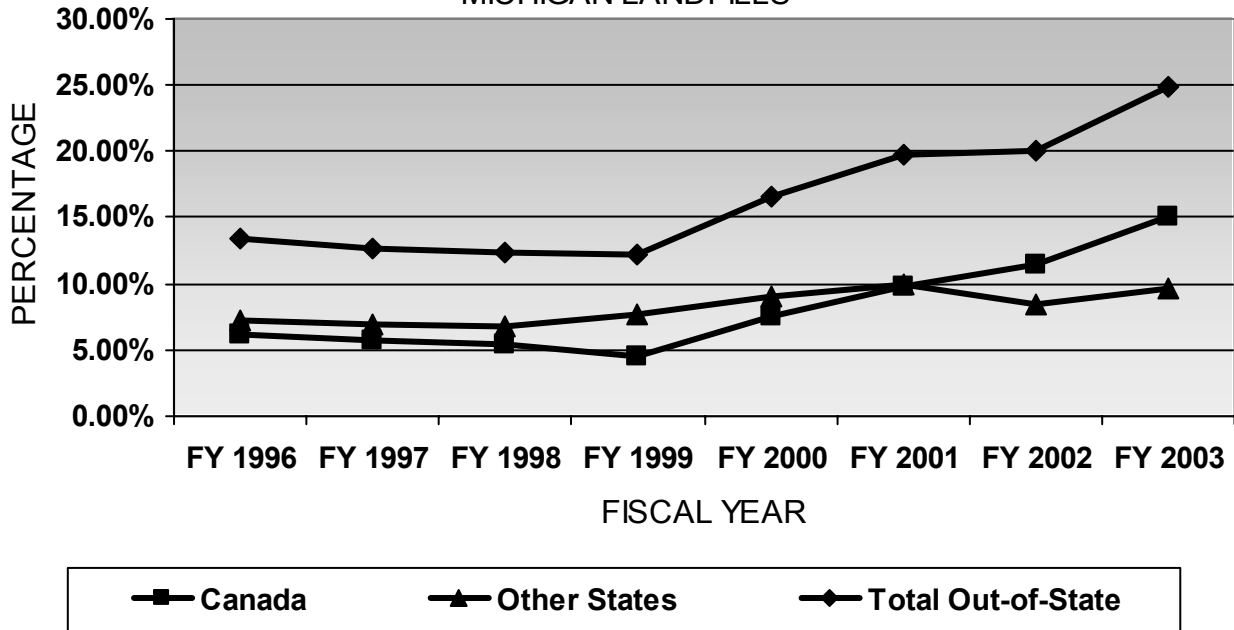
	<b>FY 1996</b>	<b>FY 1997</b>	<b>FY 1998</b>	<b>FY 1999</b>	<b>FY 2000</b>	<b>FY 2001</b>	<b>FY 2002</b>	<b>FY 2003</b>
<b>Michigan</b>	36,592,636	38,088,188	41,006,046	45,607,653	46,779,196	48,378,098	46,046,479	47,115,961
<b>Canada</b>	2,654,575	2,504,879	2,548,815	2,342,791	4,216,814	5,894,738	6,607,856	9,433,028
<b>Other States</b>	3,035,192	3,076,573	3,186,372	4,006,904	5,132,692	5,977,769	4,886,587	6,066,440
<b>Totals</b>	42,282,403	43,669,640	46,741,233	51,957,348	56,128,702	60,250,605	57,540,922	62,615,429

**TABLE 2**

**SOLID WASTE DISPOSED OF IN MICHIGAN LANDFILLS  
BY PERCENTAGE**

	<b>FY 1996</b>	<b>FY 1997</b>	<b>FY 1998</b>	<b>FY 1999</b>	<b>FY 2000</b>	<b>FY 2001</b>	<b>FY 2002</b>	<b>FY 2003</b>
<b>Michigan</b>	86.5%	87.20%	87.7%	87.8%	83.3%	80.3%	80.0%	75.2%
<b>Canada</b>	6.2%	5.70%	5.5%	4.5%	7.5%	9.8%	11.5%	15.1%
<b>Other States</b>	7.2%	7.00%	6.8%	7.7%	9.1%	9.9%	8.5%	9.7%

**FIGURE 1**  
**OUT-OF-STATE WASTE AS PERCENTAGE OF TOTAL DISPOSAL IN**  
**MICHIGAN LANDFILLS**



The following pages detail volumes of waste disposed of in Michigan landfills and provide breakdowns of the waste imported into Michigan for disposal for all landfills that reported this information. Tables 3, 4, and 5 display total, in-state, and imported waste disposal summary information, respectively. It is expected that some of the unassigned waste is from out-of-state sources. However, this figure is unknown, and no reasonable estimates of the origin of unidentified wastes are available.

TABLE 3  
**TOTAL WASTE DISPOSAL SUMMARY**  
 FY 2003

<u>WASTE TYPE</u>	<u>VOLUME (CUBIC YARDS)</u>
Type II	56,557,341
General Type III	4,182,991
<hr/>	
Subtotal	60,740,332
Total Type III Mixed	471,022
Total Type III Segregated	1,404,075
<hr/>	
<b>Grand Total</b>	<b>62,615,429</b>

TABLE 4  
**IN-STATE WASTE DISPOSAL SUMMARY**  
 FY 2003

<u>WASTE TYPE</u>	<u>VOLUME (CUBIC YARDS)</u>
Type II In-State Total	41,696,721
General Type III In-State Total	3,554,618
<hr/>	
Subtotal	45,251,339
Total Type III In-State Mixed Wastes	460,547
Total Type III In-State Segregated Wastes	1,404,075
<hr/>	
<b>Grand Total</b>	<b>47,115,961</b>



TABLE 5  
**IMPORTED WASTE DISPOSAL SUMMARY**  
FY 2003

<u>WASTE TYPE</u>	<u>VOLUME (CUBIC YARDS)</u>
Type II Out-of-State Total	14,860,620
General Type III Out-of-State Total	628,373
<hr/>	
Subtotal	15,488,993
Total Type III Out-of-State Mixed Waste	10,475
Total Type III Out-of-State Segregated Waste	0
<hr/>	
<b>Grand Total</b>	<b>15,499,468</b>

## WASTE IMPORTS

Based on the reported information for FY 2003, the solid waste industry in Michigan imported solid waste from 11 other states and from Canada for disposal in Michigan landfills. Table 6 indicates the volume of Type II waste imported and the state or country of origin of the waste. Table 7 indicates the volume of Type III waste imported and the state or country of origin for that waste.

Table 8 shows the total amount of waste imported into each county from all out-of-state sources. Table 9 breaks down those totals by place of origin of the waste imported into each county receiving out-of-state waste.

TABLE 6  
**TYPE II IMPORTED WASTE BY ORIGIN**  
 FY 2003

<u>WASTE GENERATION ORIGIN</u>	<u>TYPE II WASTE VOLUME (CUBIC YARDS)</u>	
	<u>FY 2002</u>	<u>FY 2003</u>
Canada	6,587,703	9,205,847
Connecticut	720	102,638
Illinois	1,697,247	1,846,199
Indiana	1,701,290	1,783,267
Iowa	0	50
Maine	0	88,618
Missouri	60	0
New Hampshire	0	13,412
New Jersey	103	1,581
New York	5,038	60,082
Ohio	1,035,039	1,217,832
Pennsylvania	82	0
Wisconsin	423,374	541,094

TABLE 7  
**TYPE III IMPORTED WASTE BY ORIGIN**  
FY 2003

<u>WASTE GENERATION ORIGIN</u>	<u>TOTAL TYPE III WASTE VOLUME (CUBIC YARDS)</u>
Canada	227,181
Connecticut	126,262
Massachusetts	134,726
New Hampshire	21,430
New York	90,153
Ohio	28,621
Wisconsin	10,475

TABLE 8  
**TOTAL IMPORTED WASTE DISPOSED PER COUNTY**  
 FY 2003

Combined Type II and Total Type III  
 Waste Volume (Cubic Yards)

<u>COUNTY</u>	<u>WASTE VOLUME</u>
ALGER	44,910
BERRIEN	3,557,167
CALHOUN	1,330
CRAWFORD	12,270
DICKINSON	10,475
GENESEE	963,165
HURON	25,834
LENAWEE	28,587
MACOMB	2,912,550
MENOMINEE	417,381
MIDLAND	60
MONROE	1,715,082
ONTONAGON	78,803
ST. JOSEPH	36,057
WASHTENAW	791,054
WAYNE	4,904,743

TABLE 9  
**IMPORTED WASTE TOTALS BY COUNTY AND PLACE OF ORIGIN**  
 FY 2003

Combined Type II and Total Type III

Waste Volume (Cubic Yards)

<u>COUNTY</u>	<u>WASTE GENERATION</u>	<u>WASTE VOLUME</u>
ALGER	Wisconsin	44,910
BERRIEN	Illinois	1,811,287
BERRIEN	Indiana	1,745,880
CALHOUN	Indiana	1,330
CRAWFORD	Canada	12,270
DICKINSON	Wisconsin	10,475
GENESEE	Canada	724,296
GENESEE	Connecticut	102,638
GENESEE	Maine	88,618
GENESEE	New Hampshire	13,412
GENESEE	New York	34,201
HURON	Canada	25,834
LENAWEE	Ohio	28,587
MACOMB	Canada	2,912,544
MACOMB	Ohio	6
MENOMINEE	Wisconsin	417,381
MIDLAND	Connecticut	60
MONROE	Canada	227,181

<u>COUNTY</u>	<u>WASTE GENERATION</u>	<u>WASTE VOLUME</u>
MONROE	Connecticut	126,202
MONROE	Massachusetts	134,726
MONROE	New Hampshire	21,430
MONROE	New York	90,153
MONROE	Ohio	1,115,390
ONTONAGON	Wisconsin	78,803
ST. JOSEPH	Indiana	36,057
WASHTENAW	Canada	791,054
WAYNE	Canada	4,765,683
WAYNE	Illinois	34,912
WAYNE	Iowa	50
WAYNE	New Jersey	1,581
WAYNE	New York	47
WAYNE	Ohio	102,470

## FACILITY INFORMATION

The combined volume of all waste disposed of at each reporting facility is given in Table 10. Tables 11 and 12 list the Type II and Type III disposal volumes ranked in order of volume disposed. The first page of Table 12 does not include Type III waste disposed of as mixed Type III or segregated Type III waste (see the Introduction). Landfills receiving waste disposed of in those categories are listed on the second page of Table 12.



TABLE 10  
**TOTAL DISPOSAL VOLUME BY FACILITY**  
**Alphabetical Listing**  
 FY 2003

<u>FACILITY NAME</u>	<u>COMBINED TOTAL WASTE VOLUME (CUBIC YARDS)</u>
Adrian Landfill Inc.	570,234
Arbor Hills West Expanded Sanitary Landfill	3,826,618
Autumn Hills Recycling & Disposal Facility	1,731,231
Brent Run Landfill	1,579,905
C&C Expanded Sanitary Landfill	1,153,548
C.W.C.S.A. Huron Monofill	705,000
Carleton Farms Landfill	7,248,415
Cemex, Inc.	35,497
Central Sanitary Landfill Inc.	687,165
Citizens Disposal Inc.	959,399
City Environmental Services LF, of Hastings	259,109
City Environmental Services, Inc. of Waters	715,330
City of Livonia Landfill	9,967
City of Midland Sanitary Landfill	635,631
Collier Road Landfill	110,355
Consumers Energy, J R Whiting Plant	70,266
Cove Landfill of Bad Axe, Inc.	303,634
D.E. Karn 1&2 Solid Waste Disposal Area	98,916
Dafter Sanitary Landfill	144,268

<u>FACILITY NAME</u>	<u>COMBINED TOTAL WASTE VOLUME (CUBIC YARDS)</u>
Delta County Landfill	105,459
Detroit Edison Company, Monroe Power Plant Ash Basin	410,422
Detroit Edison Company, Range Road Ash Disposal	264,129
DSC LTD Gibraltar Plant	439,073
Eagle Valley Recycle & Disposal Facility	1,299,422
EDW. C. Levy Co. Landfill	271,473
Elk Run Sanitary Landfill	327,816
Escanaba Paper Company	108,000
Ford Motor Co Allen Pk Clay Mine LF	314,261
Forest Lawn Landfill, Inc.	3,875,979
Glen's Sanitary Landfill, Inc.	456,565
GM Corp-Saginaw Metal Casting	74,783
Granger Grand River Landfill	384,789
Granger Wood Street Landfill	1,013,540
Great Lakes Pulp Company Type III Landfill	19,123
Holcim US, Inc.	21,517
Holland Board of Public Works, Zeeland Township Landfill	588
International Paper Company (Mead)	163,901
JC Weadock Complex	70,233
JH Campbell Complex	173,239
K & W Landfill	263,252
Kalamazoo Valley Group Low Hazard Landfill	48,601
Kent County South Kent Landfill	534,955

<u>FACILITY NAME</u>	<u>COMBINED TOTAL WASTE VOLUME (CUBIC YARDS)</u>
Lafarge North America-Type III Landfill	671,034
Liberty Environmentalists, Inc.	202,627
Manistee County Landfill Inc.	502,853
Manistique Papers Inc.	103,660
Marquette County Solid Waste	209,919
Matlin Road Landfill	784
McGill Road Landfill	191,553
Michigan Environs Inc.	892,471
Montmorency-Oscoda-Alpena SWMA	150,374
Muskegon County Type II Landfill	202,670
Northern Oaks Recycling & Disposal Facility	576,465
Oakland Heights Development, Inc.	1,978,923
Orchard Hill Sanitary Landfill	684,078
Ottawa County Farms Landfill	2,676,201
People's Landfill, Inc.	794,277
Pine Tree Acres, Inc.	4,557,531
Pitsch Sanitary Landfill	159,492
Presque Isle Power Plant Ash Landfill	47,471
Richfield Landfill, Inc.	355,403
Riverview Land Preserve	1,916,380
Sauk Trail Hills Landfill	2,480,339
Sibley Quarry	201,675
Smiths Creek Landfill	770,181

<u>FACILITY NAME</u>	<u>COMBINED TOTAL WASTE VOLUME (CUBIC YARDS)</u>
Smurfit-Stone Container Corporation Landfill	84,398
Southeast Berrien County Landfill	589,082
Sparta Foundry Waste Facility	12,645
Standard Environmental Services, Inc. Rockwood Landfill	1,610,484
Stor Enso North America Niagara Mil	10,475
The Dow Chemical Company-Salzburg Landfill	8,015
Tri-City Recycling and Disposal Facility	167,019
Venice Park Recycling & Disposal Facility	1,142,971
Vienna Junction Industrial Park Sanitary Landfill	1,387,911
Westside Recycling & Disposal Facility Type II	1,150,962
Wexford County Landfill	303,112
Whitefeather Landfill	421,639
Wood Island Waste Management, Inc.	205,980
Woodland Meadows RDF-Van Buren	3,708,767

TABLE 11  
**TYPE II WASTE DISPOSAL BY FACILITY**  
**Ranked by Volume**  
 FY 2003

<u>FACILITY NAME</u>	<u>WASTE VOLUME (CUBIC YARDS)</u>
Carleton Farms Landfill	7,248,415
Pine Tree Acres, Inc.	4,557,531
Forest Lawn Landfill, Inc.	3,875,979
Arbor Hills West Expanded Sanitary Landfill	3,826,618
Woodland Meadows RDF-Van Buren	3,708,767
Ottawa County Farms Landfill	2,676,201
Sauk Trail Hills Landfill	2,480,339
Oakland Heights Development, Inc.	1,978,923
Riverview Land Preserve	1,916,380
Autumn Hills Recycling & Disposal Facility	1,731,231
Brent Run Landfill	1,579,905
Vienna Junction Industrial Park Sanitary Landfill	1,387,911
Eagle Valley Recycle & Disposal Facility	1,299,422
C&C Expanded Sanitary Landfill	1,153,548
Westside Recycling & Disposal Facility Type II	1,150,962
Venice Park Recycling & Disposal Facility	1,142,971
Citizens Disposal Inc.	959,399
Michigan Environs Inc.	892,471
People's Landfill, Inc.	794,277

<u>FACILITY NAME</u>	<u>WASTE VOLUME (CUBIC YARDS)</u>
City Environmental Services, Inc. of Waters	715,330
C.W.C.S.A. Huron Monofill	705,000
Granger Wood Street Landfill	700,813
Central Sanitary Landfill Inc.	687,165
Orchard Hill Sanitary Landfill	684,078
Smiths Creek Landfill	667,124
City of Midland Sanitary Landfill	618,431
Southeast Berrien County Landfill	589,082
Northern Oaks Recycling & Disposal Facility	576,465
Adrian Landfill Inc.	570,234
Kent County South Kent Landfill	534,955
Manistee County Landfill Inc.	502,853
Glen's Sanitary Landfill, Inc.	456,565
Whitefeather Landfill	421,639
Richfield Landfill, Inc.	355,403
Elk Run Sanitary Landfill	327,816
Ford Motor Co Allen Pk Clay Mine LF	314,261
Cove Landfill of Bad Axe, Inc.	303,634
Wexford County Landfill	303,112
K & W Landfill	263,252
City Environmental Services LF, of Hastings	259,109
Marquette County Solid Waste	209,919
Wood Island Waste Management, Inc.	205,980

<u>FACILITY NAME</u>	<u>WASTE VOLUME (CUBIC YARDS)</u>
Granger Grand River Landfill	198,079
Tri-City Recycling and Disposal Facility	167,019
Montmorency-Oscoda-Alpena SWMA	150,374
Dafter Sanitary Landfill	144,268
Collier Road Landfill	110,355
Delta County Landfill	105,459
McGill Road Landfill	96,576
Pitsch Sanitary Landfill	49,071

TABLE 12  
**TYPE III WASTE DISPOSAL BY FACILITY**  
**Ranked by Volume**  
 FY 2003

<u>FACILITY NAME</u>	<u>WASTE VOLUME (CUBIC YARDS)</u>
Standard Environmental Services, Inc., Rockwood Landfill	1,610,484
Lafarge North America-Type III Landfill	671,034
DSC LTD Gibraltar Plant	439,073
Granger Wood Street Landfill	312,727
EDW. C. Levy Co. Landfill	271,473
Liberty Environmentalists, Inc.	202,627
Granger Grand River Landfill	186,710
Pitsch Sanitary Landfill	110,421
Smiths Creek Landfill	103,057
McGill Road Landfill	94,977
GM Corp-Saginaw Metal Casting	74,783
Cemex, Inc.	35,497
Holcim US, Inc.	21,517
City of Midland Sanitary Landfill	17,200
Sparta Foundry Waste Facility	12,645
Stor Enso North America Niagara Mil	10,475
City of Livonia Landfill	9,967
The Dow Chemical Company-Salzburg Landfill	8,015
Matlin Road Landfill	784



**MIXED TYPE III WASTE TOTALS BY FACILITY:**

<u>FACILITY NAME</u>	<u>WASTE VOLUME (CUBIC YARDS)</u>
International Paper Company (Mead)	163,901
Escanaba Paper Company	108,000
Manistique Papers Inc.	103,660
Smurfit-Stone Container Corporation Landfill	84,398
Stor Enso North America Niagara Mil	10,475
Holland Board of Public Works, Zeeland Township Landfill	588

**SEGREGATED TYPE III WASTE TOTALS BY FACILITY:**

<u>FACILITY NAME</u>	<u>WASTE VOLUME (CUBIC YARDS)</u>
Detroit Edison Company, Monroe Power Plant Ash Basin	410,422
Detroit Edison Company, Range Road Ash Disposal	264,129
Sibley Quarry	201,675
JH Campbell Complex	173,239
D.E. Karn 1&2 Solid Waste Disposal Area	98,916
Consumers Energy, J R Whiting Plant	70,266
JC Weadock Complex	70,233
Kalamazoo Valley Group Low Hazard Landfill	48,601
Presque Isle Power Plant Ash Landfill	47,471
Great Lakes Pulp Company Type III Landfill	19,123

## APPENDIX – LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

The Appendix of this Report lists every reporting landfill and indicates the amount of waste received at the landfill, the type of waste received, and the place of origin of that waste. As previously discussed in the Introduction, the mixed and segregated waste categories describe specific types of Type III waste that are identified in Part 115.

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**ADRIAN LANDFILL INC. (LENAWEE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Ohio</b>	28,587	
<b>Hillsdale</b>	85,230	
<b>Ingham</b>	2,216	
<b>Jackson</b>	27,012	
<b>Lenawee</b>	355,584	
<b>Monroe</b>	48,426	
<b>Washtenaw</b>	22,909	

**ARBOR HILLS WEST EXPANDED SANITARY LANDFILL  
 (WASHTENAW COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Canada</b>	791,054	
<b>Genesee</b>	5,592	
<b>Livingston</b>	128,799	
<b>Macomb</b>	412,104	
<b>Monroe</b>	183	
<b>Oakland</b>	689,568	
<b>Washtenaw</b>	470,271	
<b>Wayne</b>	1,329,047	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**AUTUMN HILLS RECYCLING & DISPOSAL FACILITY (OTTAWA COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Allegan</b>	110,823	
<b>Barry</b>	60	
<b>Berrien</b>	18,810	
<b>Calhoun</b>	1,032	
<b>Ionia</b>	1,014	
<b>Isabella</b>	321	
<b>Kalamazoo</b>	37,188	
<b>Kent</b>	496,143	
<b>Mason</b>	21,912	
<b>Montcalm</b>	54,852	
<b>Muskegon</b>	129,930	
<b>Newaygo</b>	90	
<b>Ottawa</b>	737,445	
<b>St. Joseph</b>	93	
<b>Van Buren</b>	121,518	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**BRENT RUN LANDFILL (GENESEE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Canada</b>	604,468	
<b>Bay</b>	4,887	
<b>Clinton</b>	3,006	
<b>Eaton</b>	596	
<b>Genesee</b>	655,375	
<b>Gratiot</b>	60,564	
<b>Ingham</b>	1,341	
<b>Isabella</b>	30	
<b>Lapeer</b>	4,350	
<b>Livingston</b>	590	
<b>Oakland</b>	1,624	
<b>Saginaw</b>	212,532	
<b>Shiawassee</b>	21,247	
<b>Tuscola</b>	8,413	
<b>Washtenaw</b>	352	
<b>Wayne</b>	530	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**C&C EXPANDED SANITARY LANDFILL (CALHOUN COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Indiana</b>	1,330	
<b>Allegan</b>	19,848	
<b>Barry</b>	11,549	
<b>Berrien</b>	70	
<b>Branch</b>	23,696	
<b>Calhoun</b>	277,212	
<b>Cass</b>	389	
<b>Clinton</b>	21,490	
<b>Eaton</b>	71,724	
<b>Hillsdale</b>	26,008	
<b>Ingham</b>	134,316	
<b>Kalamazoo</b>	565,124	
<b>St. Joseph</b>	455	
<b>Unknown</b>	227	
<b>Van Buren</b>	200	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
(All Values are in Cubic Yards)

**C.W.C.S.A. HURON MONOFILL (WAYNE COUNTY)**

	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
<b>Ohio</b>	3,774	
<b>Wayne</b>	53,814	647,412

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**CARLETON FARMS LANDFILL (WAYNE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Canada</b>	4,586,040	
<b>Ohio</b>	69,087	
<b>Allegan</b>	10	
<b>Antrim</b>	30	
<b>Barry</b>	20	
<b>Benzie</b>	45	
<b>Branch</b>	40	
<b>Genesee</b>	2,570	
<b>Gratiot</b>	70	
<b>Lenawee</b>	1,209	
<b>Livingston</b>	3,237	
<b>Macomb</b>	11,464	
<b>Monroe</b>	148,158	
<b>Oakland</b>	37,993	
<b>Washtenaw</b>	116,688	
<b>Wayne</b>	2,271,754	



APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**CEMEX, INC. (CHARLEVOIX COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Charlevoix</b>		35,497

**CENTRAL SANITARY LANDFILL INC. (MONTCALM COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Clare</b>	22	
<b>Gratiot</b>	109,498	
<b>Ionia</b>	11,351	
<b>Isabella</b>	9,474	
<b>Kent</b>	374,271	
<b>Lake</b>	2,954	
<b>Mecosta</b>	80,455	
<b>Montcalm</b>	43,388	
<b>Newaygo</b>	52,348	
<b>Osceola</b>	3,372	
<b>Ottawa</b>	32	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**CITIZENS DISPOSAL INC. (GENESEE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Connecticut</b>	102,638	
<b>Maine</b>	88,618	
<b>New Hampshire</b>	13,412	
<b>New York</b>	34,201	
<b>Bay</b>	1,717	
<b>Eaton</b>	27	
<b>Genesee</b>	577,255	
<b>Ingham</b>	143	
<b>Ionia</b>	12	
<b>Lapeer</b>	21,490	
<b>Livingston</b>	54,813	
<b>Macomb</b>	99	
<b>Oakland</b>	48,671	
<b>Saginaw</b>	11,267	
<b>Shiawassee</b>	4,546	
<b>Tuscola</b>	288	
<b>Washtenaw</b>	202	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**CITY ENVIRONMENTAL SERVICES LF, OF HASTINGS (BARRY COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Allegan</b>	353	
<b>Barry</b>	73,509	
<b>Calhoun</b>	2,110	
<b>Clinton</b>	4,495	
<b>Eaton</b>	68,763	
<b>Ingham</b>	10,694	
<b>Ionia</b>	48,132	
<b>Kalamazoo</b>	51	
<b>Kent</b>	47,551	
<b>Montcalm</b>	3,429	
<b>Ottawa</b>	22	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**CITY ENVIRONMENTAL SERVICES, INC. OF WATERS (CRAWFORD COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Canada</b>	12,270	
<b>Alcona</b>	2,712	
<b>Alpena</b>	8,378	
<b>Antrim</b>	35,350	
<b>Charlevoix</b>	84,145	
<b>Cheboygan</b>	87,017	
<b>Crawford</b>	94,701	
<b>Emmet</b>	9,120	
<b>Grand Traverse</b>	188	
<b>Iosco</b>	120,438	
<b>Kalkaska</b>	126,727	
<b>Montmorency</b>	200	
<b>Ogemaw</b>	1,861	
<b>Oscoda</b>	137	
<b>Otsego</b>	116,029	
<b>Presque Isle</b>	1,320	
<b>Roscommon</b>	14,737	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**CITY OF LIVONIA LANDFILL (WAYNE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Wayne</b>		9,967

**CITY OF MIDLAND SANITARY LANDFILL (MIDLAND COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Bay</b>		17,200
<b>Midland</b>	533,644	84,787

**COLLIER ROAD LANDFILL (OAKLAND COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Oakland</b>	110,355	

**CONSUMERS ENERGY, J R WHITING PLANT (MONROE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Monroe</b>		70,266

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**COVE LANDFILL OF BAD AXE, INC. (HURON COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>New York</b>	25,834	
<b>Huron</b>	56,209	
<b>Lapeer</b>	116,734	
<b>Sanilac</b>	48,866	
<b>Tuscola</b>	55,991	

**D.E. KARN 1&2 SOLID WASTE DISPOSAL AREA (BAY COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Bay</b>		98,916

**DAFTER SANITARY LANDFILL (CHIPPEWA COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Chippewa</b>	101,236	
<b>Luce</b>	18,192	
<b>Mackinac</b>	24,840	

**DELTA COUNTY LANDFILL (DELTA COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Delta</b>	105,459	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**DETROIT EDISON COMPANY, MONROE POWER PLANT ASH BASIN  
 (MONROE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Monroe</b>		410,422

**DETROIT EDISON COMPANY, RANGE ROAD ASH DISPOSAL  
 (ST. CLAIR COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Huron</b>		13,932
<b>St. Clair</b>		250,197

**DSC LTD GIBRALTAR PLANT (WAYNE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Ohio</b>		21,272
<b>Macomb</b>		12,534
<b>Monroe</b>		4,178
<b>Oakland</b>		25,068
<b>Wayne</b>		376,021

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**EAGLE VALLEY RECYCLE & DISPOSAL FACILITY  
 (OAKLAND COUNTY)**

	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
<b>Genesee</b>	10,712	
<b>Lapeer</b>	18,924	
<b>Macomb</b>	253,899	
<b>Oakland</b>	989,642	
<b>Washtenaw</b>	148	
<b>Wayne</b>	26,097	

**EDW. C. LEVY CO. LANDFILL (WAYNE COUNTY)**

	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
<b>Wayne</b>		271,473

**ELK RUN SANITARY LANDFILL (PRESQUE ISLE COUNTY)**

	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
<b>Antrim</b>	5	
<b>Benzie</b>	27	
<b>Charlevoix</b>	124,951	
<b>Cheboygan</b>	73,399	
<b>Emmet</b>	110,786	
<b>Presque Isle</b>	18,648	



APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**ESCANABA PAPER COMPANY (DELTA COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Delta</b>		108,000

**FORD MOTOR CO ALLEN PK CLAY MINE LF (WAYNE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Macomb</b>	386	
<b>Oakland</b>	307	
<b>Washtenaw</b>	140	
<b>Wayne</b>	313,428	

**FOREST LAWN LANDFILL, INC. (BERRIEN COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Illinois</b>	1,811,172	
<b>Indiana</b>	1,358,340	
<b>Berrien</b>	396,955	
<b>Cass</b>	16,935	
<b>Kalamazoo</b>	201,121	
<b>Van Buren</b>	91,456	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**GLEN'S SANITARY LANDFILL, INC. (LEELANAU COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Benzie</b>	24,164	
<b>Grand Traverse</b>	344,594	
<b>Kalkaska</b>	11,280	
<b>Leelanau</b>	76,395	
<b>Manistee</b>	132	

**GM CORP-SAGINAW METAL CASTING (SAGINAW COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Saginaw</b>		74,783

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**GRANGER GRAND RIVER LANDFILL (CLINTON COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Allegan</b>	11	15
<b>Barry</b>	2	39
<b>Calhoun</b>	1	5
<b>Clinton</b>	12,199	21,393
<b>Eaton</b>	88,360	85,062
<b>Gratiot</b>	71	2,303
<b>Ingham</b>	75,487	68,364
<b>Ionia</b>	20,769	7,680
<b>Isabella</b>	1	
<b>Jackson</b>	5	65
<b>Livingston</b>	197	288
<b>Montcalm</b>	3	10
<b>Oakland</b>		41
<b>Shiawassee</b>	970	1,445
<b>Washtenaw</b>	3	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**GRANGER WOOD STREET LANDFILL (INGHAM COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Calhoun</b>	24	
<b>Clinton</b>	46,292	32,131
<b>Eaton</b>	44,133	13,023
<b>Gratiot</b>		1,095
<b>Ingham</b>	558,443	255,910
<b>Ionia</b>	1,698	191
<b>Jackson</b>	6	3,238
<b>Lenawee</b>	8	
<b>Livingston</b>	41,396	4,187
<b>Oakland</b>	7	
<b>Shiawassee</b>	8,806	2,952

**GREAT LAKES PULP COMPANY TYPE III LANDFILL  
 (MENOMINEE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Menominee</b>		19,123

**HOLCIM US, INC. (MONROE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Monroe</b>		21,517

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**HOLLAND BOARD OF PUBLIC WORKS, ZEELAND TOWNSHIP LANDFILL  
 (OTTAWA COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Ottawa</b>		588

**INTERNATIONAL PAPER COMPANY (MEAD)  
 (DICKINSON COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Dickinson</b>		163,901

**JC WEADOCK COMPLEX (BAY COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Bay</b>		70,233

**JH CAMPBELL COMPLEX (OTTAWA COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Ottawa</b>		173,239

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**K & W LANDFILL (ONTONAGON COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Wisconsin</b>	78,803	
<b>Baraga</b>	22,410	
<b>Gogebic</b>	43,174	
<b>Houghton</b>	64,527	
<b>Iron</b>	20,072	
<b>Keweenaw</b>	7,198	
<b>Ontonagon</b>	27,068	

**KALAMAZOO VALLEY GROUP LOW HAZARD LANDFILL (KALAMAZOO COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Kalamazoo</b>		48,601

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**KENT COUNTY SOUTH KENT LANDFILL (KENT COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Allegan</b>	258	
<b>Ionia</b>	3	
<b>Kalamazoo</b>	10,392	
<b>Kent</b>	524,274	
<b>Newaygo</b>	4	
<b>Ottawa</b>	20	
<b>Van Buren</b>	4	

**LAFARGE NORTH AMERICA-TYPE III LANDFILL (ALPENA COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Alpena</b>		671,034

**LIBERTY ENVIRONMENTALISTS, INC. PHASE II (JACKSON COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Calhoun</b>		8,000
<b>Hillsdale</b>		10,000
<b>Jackson</b>		134,427
<b>Lenawee</b>		30,000
<b>Washtenaw</b>		20,200

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**MANISTEE COUNTY LANDFILL INC. (MANISTEE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Benzie</b>	42,895	
<b>Grand Traverse</b>	11,779	
<b>Lake</b>	15,375	
<b>Leelanau</b>	884	
<b>Manistee</b>	343,599	
<b>Mason</b>	88,321	

**MANISTIQUE PAPERS INC. (SCHOOLCRAFT COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Schoolcraft</b>		103,660

**MARQUETTE COUNTY SOLID WASTE (MARQUETTE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Marquette</b>	209,919	



APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All values are in cubic yards)

**MATLIN ROAD LANDFILL (MONROE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Monroe</b>		620
<b>Wayne</b>		164

**MCGILL ROAD LANDFILL (JACKSON COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Ingham</b>		120
<b>Jackson</b>	96,576	94,772
<b>Washtenaw</b>		85

**MICHIGAN ENVIRONS INC. (MENOMINEE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Wisconsin</b>	417,381	
<b>Alger</b>	36,827	
<b>Dickinson</b>	14,080	
<b>Menominee</b>	424,176	
<b>Schoolcraft</b>	7	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**MONTMORENCY-OSCODA-ALPENA SWMA (MONTMORENCY COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Alcona</b>	596	
<b>Alpena</b>	78,345	
<b>Cheboygan</b>	90	
<b>Crawford</b>	43	
<b>Iosco</b>	46	
<b>Kalkaska</b>	10	
<b>Montmorency</b>	50,674	
<b>Oscoda</b>	17,503	
<b>Otsego</b>	251	
<b>Presque Isle</b>	2,816	

**MUSKEGON COUNTY TYPE II LANDFILL (MUSKEGON COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Muskegon</b>	185,063	
<b>Newaygo</b>	14,732	
<b>Oceana</b>	1,352	
<b>Ottawa</b>	1,523	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**NORTHERN OAKS RECYCLING & DISPOSAL FACILITY (CLARE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Clare</b>	103,051	
<b>Gladwin</b>	45,315	
<b>Gratiot</b>	94,665	
<b>Isabella</b>	184,839	
<b>Mecosta</b>	19,312	
<b>Missaukee</b>	14,318	
<b>Montcalm</b>	3,711	
<b>Ogemaw</b>	1,856	
<b>Osceola</b>	42,259	
<b>Roscommon</b>	67,139	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**OAKLAND HEIGHTS DEVELOPMENT, INC. (OAKLAND COUNTY)**

	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
<b>Calhoun</b>	1,032	
<b>Genesee</b>	146	
<b>Isabella</b>	8	
<b>Lapeer</b>	148	
<b>Livingston</b>	39	
<b>Macomb</b>	193,466	
<b>Oakland</b>	1,755,724	
<b>Wayne</b>	28,360	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**ORCHARD HILL SANITARY LANDFILL (BERRIEN COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Indiana</b>	4,783	
<b>Allegan</b>	1,649	
<b>Berrien</b>	295,345	
<b>Calhoun</b>	20	
<b>Cass</b>	12,697	
<b>Eaton</b>	20	
<b>Kalamazoo</b>	257,614	
<b>Ottawa</b>	20	
<b>St. Joseph</b>	90	
<b>Van Buren</b>	111,840	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**OTTAWA COUNTY FARMS LANDFILL (OTTAWA COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Allegan</b>	5,004	
<b>Kalamazoo</b>	3,510	
<b>Kent</b>	1,023,144	
<b>Muskegon</b>	1,015,830	
<b>Newaygo</b>	3,324	
<b>Oceana</b>	66,060	
<b>Ottawa</b>	559,329	

**PEOPLE'S LANDFILL, INC. (SAGINAW COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Bay</b>	169,430	
<b>Clinton</b>	10	
<b>Genesee</b>	38,896	
<b>Gratiot</b>	13,725	
<b>Saginaw</b>	523,712	
<b>Shiawassee</b>	4	
<b>Tuscola</b>	48,500	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**PINE TREE ACRES, INC. (MACOMB COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Canada</b>	2,912,544	
<b>Ohio</b>	6	
<b>Lapeer</b>	5,736	
<b>Macomb</b>	1,472,595	
<b>Oakland</b>	15,363	
<b>Washtenaw</b>	35,193	
<b>Wayne</b>	116,094	

**PITSCH SANITARY LANDFILL (IONIA COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Allegan</b>	3	48
<b>Barry</b>		687
<b>Calhoun</b>		4,425
<b>Clinton</b>	957	1,548
<b>Eaton</b>	21	204
<b>Ingham</b>	111	258
<b>Ionia</b>	11,664	17,322
<b>Isabella</b>	3,006	33

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**PITSCH SANITARY LANDFILL (IONIA COUNTY) – Continued**

<b>Kent</b>	5,965	71,559
<b>Lake</b>		54
<b>Livingston</b>		75
<b>Mason</b>		273
<b>Mecosta</b>	6,531	1,494
<b>Montcalm</b>	17,783	8,988
<b>Muskegon</b>	641	1,179
<b>Osceola</b>	2,353	
<b>Ottawa</b>	29	2,058
<b>Unknown</b>	7	
<b>Van Buren</b>		216



APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**PRESQUE ISLE POWER PLANT ASH LANDFILL (MARQUETTE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Marquette</b>		47,471

**RICHFIELD LANDFILL, INC. (GENESEE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Canada</b>	119,828	
<b>Genesee</b>	144,441	
<b>Oakland</b>	71,559	
<b>Wayne</b>	19,535	

**RIVERVIEW LAND PRESERVE (WAYNE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Livingston</b>	106	
<b>Macomb</b>	4,079	
<b>Monroe</b>	61,185	
<b>Oakland</b>	4,271	
<b>Washtenaw</b>	302	
<b>Wayne</b>	1,846,437	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**SAUK TRAIL HILLS LANDFILL (WAYNE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Canada</b>	14,453	
<b>New Jersey</b>	1,581	
<b>New York</b>	47	
<b>Ohio</b>	11	
<b>Jackson</b>	11	
<b>Lenawee</b>	108	
<b>Livingston</b>	52,139	
<b>Macomb</b>	260,309	
<b>Monroe</b>	13,314	
<b>Oakland</b>	213,206	
<b>St. Clair</b>	22,289	
<b>Washtenaw</b>	115,325	
<b>Wayne</b>	1,787,514	
<b>Wexford</b>	32	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**SIBLEY QUARRY (WAYNE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Wayne</b>		201,675

**SMITHS CREEK LANDFILL (ST. CLAIR COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>St. Clair</b>	667,124	103,057

**SMURFIT-STONE CONTAINER CORPORATION, TYPE III LANDFILL  
 (ONTONAGON COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Ontonagon</b>		84,398

**SOUTHEAST BERRIEN COUNTY LANDFILL (BERRIEN COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Illinois</b>	115	
<b>Indiana</b>	382,757	
<b>Berrien</b>	192,736	
<b>Cass</b>	12,780	
<b>Kalamazoo</b>	694	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**SPARTA FOUNDRY WASTE FACILITY (KENT COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Kent</b>		12,645

**STANDARD ENVIRONMENTAL SERVICES, INC. ROCKWOOD LANDFILL  
 (MONROE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Canada</b>		227,181
<b>Connecticut</b>		126,202
<b>Massachusetts</b>		134,726
<b>New Hampshire</b>		21,430
<b>New York</b>		90,153
<b>Ohio</b>		7,349
<b>Macomb</b>		115
<b>Monroe</b>		22,008
<b>Oakland</b>		6
<b>Unknown</b>		413
<b>Washtenaw</b>		482
<b>Wayne</b>		980,419

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**STOR ENSO NORTH AMERICA NIAGARA MIL (DICKINSON COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Wisconsin</b>		10,475

**THE DOW CHEMICAL COMPANY-SALZBURG LANDFILL  
 (MIDLAND COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Connecticut</b>		60
<b>Mason</b>		42
<b>Midland</b>		7,913

**TRI-CITY RECYCLING AND DISPOSAL FACILITY (SANILAC COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Huron</b>	12,983	
<b>Lapeer</b>	52,310	
<b>Sanilac</b>	92,449	
<b>Tuscola</b>	9,277	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**VENICE PARK RECYCLING & DISPOSAL FACILITY (SHIAWASSEE COUNTY)**

	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
<b>Bay</b>	8,890	
<b>Clinton</b>	28,468	
<b>Eaton</b>	692	
<b>Genesee</b>	649,545	
<b>Gratiot</b>	4,464	
<b>Ingham</b>	163,945	
<b>Ionia</b>	953	
<b>Lapeer</b>	5,976	
<b>Livingston</b>	2,681	
<b>Macomb</b>	16	
<b>Montcalm</b>	576	
<b>Oakland</b>	1,229	
<b>Saginaw</b>	61,614	
<b>Shiawassee</b>	213,915	
<b>Wayne</b>	7	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL  
 (MONROE COUNTY)**

	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
<b>Ohio</b>	1,108,041	
<b>Monroe</b>	279,870	

**WESTSIDE RECYCLING & DISPOSAL FACILITY TYPE II (ST. JOSEPH COUNTY)**

	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
<b>Indiana</b>	36,057	
<b>Allegan</b>	9,737	
<b>Berrien</b>	12,717	
<b>Branch</b>	48,147	
<b>Calhoun</b>	6,801	
<b>Cass</b>	59,283	
<b>Hillsdale</b>	101	
<b>Ionia</b>	13	
<b>Kalamazoo</b>	595,390	
<b>St. Joseph</b>	334,848	
<b>Van Buren</b>	47,868	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
(All Values are in Cubic Yards)

**WEXFORD COUNTY LANDFILL (WEXFORD COUNTY)**

	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
<b>Missaukee</b>	5,238	
<b>Wexford</b>	297,874	



APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**WHITEFEATHER LANDFILL (BAY COUNTY)**

	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
<b>Alcona</b>	1,065	4,079
<b>Arenac</b>	22,061	
<b>Bay</b>	213,312	
<b>Charlevoix</b>	5	
<b>Clare</b>	1,408	
<b>Genesee</b>	107	
<b>Gladwin</b>	28,474	
<b>Gratiot</b>	568	
<b>Iosco</b>	52,787	
<b>Isabella</b>	2,042	
<b>Kalkaska</b>	485	
<b>Midland</b>	560	
<b>Ogemaw</b>	24,256	
<b>Roscommon</b>	5,342	
<b>Saginaw</b>	64,275	
<b>Tuscola</b>	813	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**WOOD ISLAND WASTE MANAGEMENT, INC. (ALGER COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Wisconsin</b>	44,910	
<b>Alger</b>	8,400	
<b>Chippewa</b>	4,524	
<b>Dickinson</b>	100,956	
<b>Houghton</b>	5,541	
<b>Luce</b>	14,112	
<b>Menominee</b>	5,037	
<b>Schoolcraft</b>	22,500	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2003**  
 (All Values are in Cubic Yards)

**WOODLAND MEADOWS RDF-VAN BUREN (WAYNE COUNTY)**

	TYPE II WASTE	TYPE III WASTE
<b>Canada</b>	165,190	
<b>Illinois</b>	34,912	
<b>Iowa</b>	50	
<b>Ohio</b>	8,326	
<b>Lenawee</b>	841	
<b>Livingston</b>	74,973	
<b>Macomb</b>	3,514	
<b>Monroe</b>	38,856	
<b>Oakland</b>	454,285	
<b>Washtenaw</b>	675,862	
<b>Wayne</b>	2,251,958	