



REPORT OF  
SOLID WASTE  
LANDFILLED  
IN  
MICHIGAN

OCTOBER 1, 1998 - SEPTEMBER 30, 1999

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
WASTE MANAGEMENT DIVISION

February 9, 2000

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## INTRODUCTION

Section 11507a of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), 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, 1998, to September 30, 1999, and is the fourth 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 DEQ to the landfills provided for breakdown of the waste received into various categories. Besides Type II and Type III wastes, waste types included: (1) foundry sand; (2) coal or wood ash; (3) wastewater treatment sludges; and (4) sediments from wood processing or paper manufacturing that are placed in segregated cells or separated from other wastes in a landfill either independently or in a mixture. Waste types 1-4 are also Type III wastes but are labeled “Mixed Waste” or “Segregated Waste” and may appear listed separately on tables within the report. The accounting of these waste types is primarily used in establishing and maintaining perpetual care funds for those landfill facilities.

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.

Total waste disposal in Michigan landfills was reported at 51,957,465 cubic yards, an increase of 5,216,232 cubic yards or 11.2 percent over the Fiscal Year 1998 report. Total imports of waste into Michigan landfills rose from the previous reporting period from 5,735,187 cubic yards to 6,349,695 cubic yards, an increase of 10.7 percent. The largest source of waste imports to Michigan continues to be from Canada with total reported imports to landfills of 2,342,791 cubic yards, down 206,024 cubic yards or 8.1 percent from last year's report. Canadian waste imports equal 4.5 percent of all waste disposed in Michigan landfills. The decrease in Canadian waste imports was offset by increases in imports from Illinois and Indiana. Based on this year's landfill disposal reports, out-of-state waste imports total 12.2 percent of all solid waste disposed of in Michigan landfills, essentially the same percentage as last year.

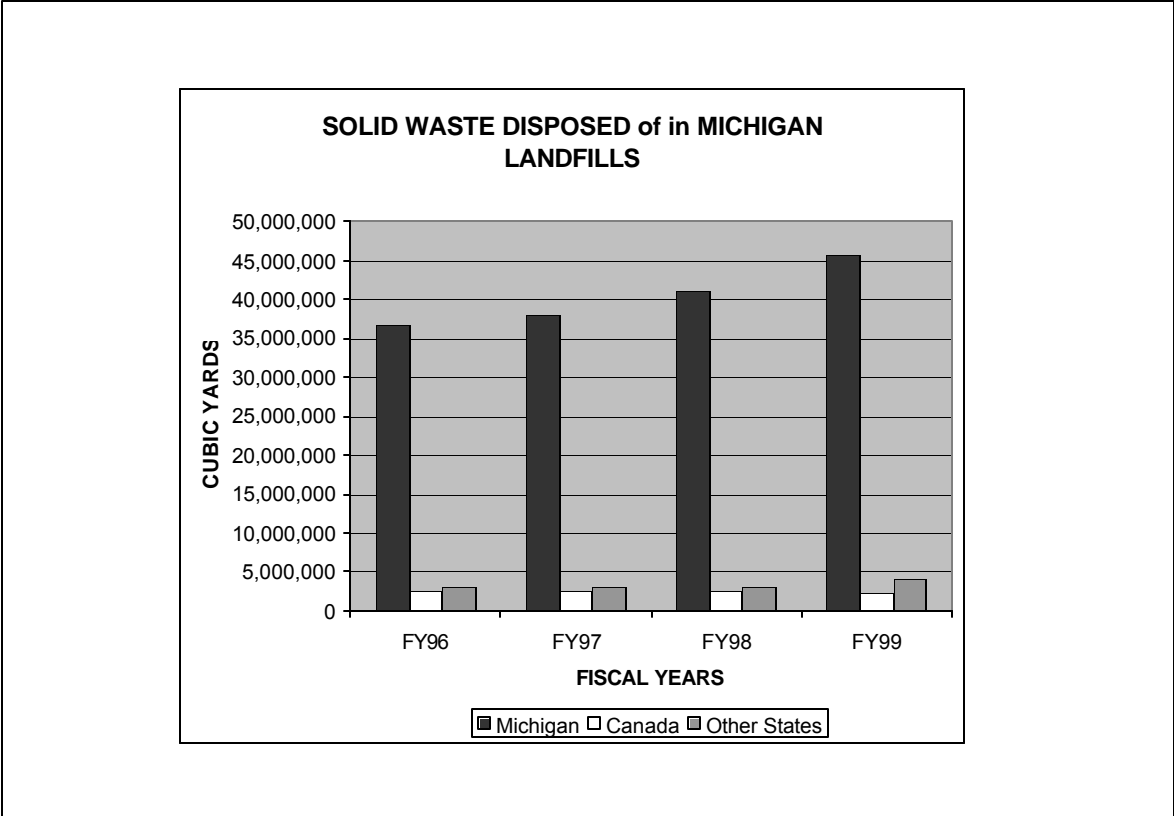
While there is no specific data available to support these conclusions, DEQ believes the overall increase in landfill disposal of waste is likely the result of several factors. The continuing growth in the state and national economies certainly result in increased waste production from business, industrial production, and increased consumer spending. Indeed, the annual reports, "Characterization of Municipal Solid Waste in the United States" prepared for the United States Environmental Protection Agency continue to show a trend of increasing solid waste generation. In addition, the strong economy has also seen fairly low prices for virgin manufacturing materials, hindering the demand for recycled content materials for industrial production and consumer products. Landfill disposal costs have also remained low, providing incentives for landfill disposal versus more expensive recovery and recycling of wastes. Recent changes in the solid waste management industry have also resulted in the loss of some curbside recycling collection programs in Michigan, diverting that material from recycling back to disposal. Lastly, reduction in available

disposal capacity at the Central Wayne and Grosse Pointe-Clinton waste incinerators has increased the volume of solid waste needing to be disposed at landfills.

As can be seen from the data below, out-of-state waste imports to Michigan landfills have remained at a fairly constant level (as a percentage of total landfilled wastes) throughout the four years that landfill disposal data have been collected. However, it can also be seen that overall landfill disposal of solid waste has shown a steady increase and total import volumes have increased over 659,000 cubic yards, or 11.6 percent in the last four years, although imports from Canada have shown a slight decline this year.

**Solid Waste Disposed of in Michigan Landfills**

	FY96	FY97	FY98	FY99
	(all figures in cubic yards)			
Michigan	36,592,636	38,088,188	41,006,046	45,607,770
Canada	2,654,575	2,504,879	2,548,815	2,342,791
Other States	3,035,192	3,076,573	3,186,372	4,006,904



## WASTE DISPOSAL SUMMARY INFORMATION

The following pages detail volumes of waste disposed in Michigan landfills and provide breakdowns of the waste imported into Michigan for disposal for all landfills that reported this information. Tables 1, 2, and 3 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 1  
**TOTAL WASTE DISPOSAL SUMMARY**

FY1999

<u>WASTE TYPE</u>	<u>VOLUME (cubic yards)</u>
Type II	44,938,189
General Type III	<u>4,048,888</u>
Sub Total	48,987,077
Total Type III Mixed	428,291
Total Type III Segregated	2,542,097
<hr/>	
<b>Grand Total</b>	51,957,465



TABLE 2

**IN-STATE WASTE DISPOSAL SUMMARY**

FY 1999

<u>Waste Type</u>	<u>Volume (cubic yards)</u>
Type II In-State	38,606,454
General Type III In-State	<u>4,030,930</u>
Sub Total	42,637,384
Total Type III In-State Mixed	428,289
Total Type III In-State Segregated	2,542,097
<hr/>	
<b>Grand Total</b>	<b>45,607,770</b>

TABLE 3  
**IMPORTED WASTE DISPOSAL SUMMARY**  
 FY 1999

<u>Waste Type</u>	<u>Volume (cubic yards)</u>
Type II Out-Of State	6,331,735
General Type III Out-Of-State	<u>17,958</u>
Sub Total	6,349,693
 Total Type III Out-Of-State Mixed	 2
Total Type III Out-Of-State Segregated	0
<hr/>	
<b>Grand Total</b>	<b>6,349,695</b>

## WASTE IMPORTS

Based on the reported information for FY 1999, the solid waste industry in Michigan imported solid waste from eight other states and from Canada for disposal in Michigan landfills. Table 4 indicates the volume of Type II waste imported and the state or country of origin of the waste. Table 5 indicates the volume of Type III waste imported and the state or country of origin for that waste.

Table 6 shows the total amount of waste imported into each county from all out-of-state sources. Table 7 breaks down those totals by place of origin of the waste imported into each county receiving out-of-state waste.

TABLE 4  
**TYPE II IMPORTED WASTE BY ORIGIN**

FY 1999

<u>Waste Generation Origin</u>	<u>Type II Waste Volume (cubic yards)</u>
Canada	2,338,660
Connecticut	63
Illinois	558,117
Indiana	1,827,413
New Jersey	300
New York	180
Ohio	987,058
Pennsylvania	120
Wisconsin	619,824

TABLE 5  
**TYPE III IMPORTED WASTE BY ORIGIN**  
FY 1999

<u>Waste Generation</u>	<u>Type III Waste Volume (cubic yards)</u>
Canada	4,131
Connecticut	70
Illinois	50
New Jersey	8
Ohio	13,699

TABLE 6  
**TOTAL IMPORTED WASTE DISPOSED PER COUNTY**

FY 1999

Waste Volume (cubic yards)

<u>COUNTY</u>	<u>TOTAL TYPE II or III</u>	<u>TOTAL MIXED</u>	<u>TOTAL SEGREGATED</u>
ALGER	45,219	0	0
BERRIEN	2,305,690	0	0
DICKINSON	0	2	0
GENESEE	104,331	0	0
LENAWEE	70,461	0	0
MACOMB	69,630	0	0
MENOMINEE	566,749	0	0
MIDLAND	128	0	0
MONROE	1,348,288	0	0
OAKLAND	39,825	0	0
ONTONAGON	7,856	0	0
SAINT JOSEPH	80,045	0	0
SANILAC	53,085	0	0
SHIAWASSEE	7,830	0	0
WASHTENAW	1,171,851	0	0
WAYNE	478,705	0	0

TABLE 7

**IMPORTED WASTE TOTALS BY COUNTY AND PLACE OF ORIGIN**

FY 1999

Waste Volume (cubic yards)

<u>County</u>	<u>Waste Generation Location</u>	<u>Type II or III</u>	<u>Mixed</u>	<u>Segregated</u>
ALGER	Wisconsin	45,219	0	0
BERRIEN	Illinois	558,022	0	0
BERRIEN	Indiana	1,747,368	0	0
BERRIEN	New Jersey	300	0	0
DICKINSON	Wisconsin	0	2	0
GENESEEE	Canada	104,331	0	0
LENAWEE	Ohio	70,461	0	0
MACOMB	Canada	69,630	0	0
MENOMINEE	Wisconsin	566,749	0	0
MIDLAND	Connecticut	70	0	0
MIDLAND	Illinois	50	0	0
MIDLAND	New Jersey	8	0	0
MONROE	Canada	422,839	0	0
MONROE	Ohio	925,449	0	0
OAKLAND	Canada	39,705	0	0
OAKLAND	Pennsylvania	120	0	0
ONTONAGON	Wisconsin	7,856	0	0
SAINT JOSEPH	Indiana	80,045	0	0
SANILAC	Canada	53,085	0	0
SHIAWASSEE	Canada	7,830	0	0
WASHTENAW	Canada	1,171,654	0	0
WASHTENAW	Ohio	197	0	0
WAYNE	Canada	473,717	0	0
WAYNE	Connecticut	63	0	0
WAYNE	Illinois	95	0	0
WAYNE	New York	180	0	0
WAYNE	Ohio	4,650	0	0

## FACILITY INFORMATION

The combined volume of all waste disposed at each reporting facility is given in Table 8. Tables 9 and 10 list the Type II and Type III disposal volumes ranked in order of volume disposed. It should be noted that the Type III waste has been subdivided into categories of mixed and segregated wastes and those landfills are ranked within their categories on the second page of Table 10, but not against the general Type III landfills listed on the first page of Table 10.



TABLE 8  
**TOTAL DISPOSAL VOLUME BY FACILITY**

FY 1999

<u>Facility Name</u>	<u>Combined Total Waste Volume (cubic yards)</u>
ADRIAN LANDFILL, INC.	318,540
ARBOR HILLS WEST EXPANDED LANDFILL	4,071,959
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	1,653,276
BRENT RUN LANDFILL	265,514
C & C EXPANDED SANITARY LANDFILL	943,882
CARLETON FARMS LANDFILL	1,048,726
CEDAR RIDGE RECYCLING AND DISPOSAL FACILITY	237,383
CENTRAL SANITARY LANDFILL, INC.	543,163
CENTRAL WAYNE - HURON QUARRY ASH MONOFILL	0
CHAMPION INTERNATIONAL CORPORATION, QUINNESEC	185,529
CITIZENS DISPOSAL, INC.	895,696
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	530,005
CITY OF LIVONIA LANDFILL SITE	10,238
CITY OF MIDLAND SANITARY LANDFILL	492,952
COLLIER ROAD LANDFILL - CITY OF PONTIAC	276,750
CONSOLIDATED PAPERS, INC. TYPE III LANDFILL	2
CONSUMERS ENERGY, D. E. KARN PLANT	136,972
CONSUMERS ENERGY, J. C. WEADOCK COAL ASH DISPOSAL	90,202
CONSUMERS ENERGY, J. H. CAMPBELL PLANT	230,813
CONSUMERS ENERGY, J. R. WHITING PLANT	79,385
COVE LANDFILL OF BAD AXE, INC.	180,832
CROWN VANTAGE	28,052
DAFTER SANITARY LANDFILL	193,543
DAGGETT SAND AND GRAVEL, INC.	12,000
DELTA SOLID WASTE MANAGEMENT AUTHORITY, TYPE II	119,892
DETROIT EDISON COMPANY, MONROE POWER PLANT ASH BASIN	412,733

DETROIT EDISON COMPANY, RANGE ROAD LANDFILL	279,014
DETROIT EDISON COMPANY, SIBLEY QUARRY	234,272
EAGLE VALLEY RECYCLING AND DISPOSAL	1,826,470
EDWARD C. LEVY COMPANY	320,729
ELK RUN SANITARY LANDFILL	36,563
ESCANABA PAPER COMPANY	100,375
FORD ALLEN PARK CLAY MINE LANDFILL	224,561
FOREST LAWN LANDFILL	2,329,695
GLEN'S SANITARY LANDFILL, INC.	305,129
GM - CENTRAL FOUNDRY - GREY IRON PLANT	128,919
GRANGER WASTE MANAGEMENT - WOOD STREET LANDFILL	816,320
GRANGER WASTE MANAGEMENT- WATERTOWN TOWNSHIP LANDFILL	503,862
GREAT LAKES PULP AND FIBRE	145,422
HARLAND'S LANDFILL, INC. TYPE II PHASE II	330,155
HOLNAM, INC. LANDFILL	71,344
HOLLAND BOARD OF PUBLIC WORKS ZEELAND LANDFILL	4,678
K AND W LANDFILL, INC.	213,084
KALAMAZOO VALLEY GROUP LANDFILL	177,010
KEN'S LANDFILL	83,031
KENT COUNTY - SOUTH KENT LANDFILL	497,017
LAFARGE TYPE III LANDFILL	648,828
LIBERTY ENVIRONMENTALISTS LANDFILL	215,478
MARQUETTE COUNTY LANDFILL	143,656
MATLIN ROAD LANDFILL	1,386
MICHIGAN ENVIRONS, INC.	854,791
MONTMORENCY/OSCODA JOINT SANITARY LANDFILL	122,395

MUSKEGON COUNTY TYPE II LANDFILL	217,274
MUSKEGON COUNTY TYPE III LANDFILL	76,446
NORTHERN OAKS RECYCLING & DISPOSAL FACILITY	469,870
OAKLAND HEIGHTS DEVELOPMENT, INC. LANDFILL	1,743,342
ORCHARD HILL LANDFILL	549,282
OTTAWA COUNTY FARMS LANDFILL	2,461,692
PEOPLE'S LANDFILL, INC.	390
PHILIP MCGILL ROAD LANDFILL	188,520
PINE TREE ACRES, INC.	2,785,140
PIONEER ROCK	0
PITSCH SANITARY LANDFILL, INC.	198,916
RIVERVIEW LAND PRESERVE	1,224,927
SAGINAW VALLEY LANDFILL	2,124,019
SALZBURG ROAD SANITARY LANDFILL	26,551
SAUK TRAIL HILLS	3,533,476
SMITHS CREEK LANDFILL	632,992
SOUTHDOWN, INC.	189,928
SOUTHEAST BERRIEN COUNTY LANDFILL	604,862
SOUTHEASTERN OAKLAND CO. RESOURCE RECOVERY AUTHORITY	4,970
SPARTA FOUNDRY WASTE DISPOSAL FACILITY	14,076
STANDARD ENVIRONMENTAL SERVICES, INC. - ROCKWOOD LANDFILL	532,068
STONE CONTAINER CORPORATION, TYPE III LANDFILL	40,608
TAYMOUTH LANDFILL	258,759
TRI CITY RECYCLING & DISPOSAL FACILITY	234,208
VENICE PARK RDF	1,517,619
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	1,556,673

WASTE MANAGEMENT OF HASTINGS	325,085
WESTSIDE RECYCLING AND DISPOSAL, CELLS 5-13	1,143,497
WESTSIDE RECYCLING AND DISPOSAL, TYPE III	0
WEXFORD COUNTY LANDFILL	240,207
WHITEFEATHER LANDFILL	73,681
WHITELAKE LANDFILL, INC.	39,600
WISCONSIN ELECTRIC - ASH LANDFILL CELLS 1-5	156,152
WOOD ISLAND WASTE MANAGEMENT, INC.	245,562
WOODLAND MEADOWS REFUSE DISPOSAL FACILITY - VAN BUREN	4,974,733

TABLE 9  
**TYPE II WASTE DISPOSAL BY FACILITY**

FY 1999

<u>Facility Name</u>	<u>Waste Volume (cubic yards)</u>
WOODLAND MEADOWS REFUSE DISPOSAL FACILITY – Van Buren	4,974,733
ARBOR HILLS WEST EXPANDED LANDFILL	3,783,389
SAUK TRAIL HILLS	3,533,476
PINE TREE ACRES, INC.	2,785,140
OTTAWA COUNTY FARMS LANDFILL	2,461,692
FOREST LAWN LANDFILL	2,329,695
EAGLE VALLEY RECYCLING AND DISPOSAL	1,826,470
OAKLAND HEIGHTS DEVELOPMENT, INC. LANDFILL	1,743,342
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	1,653,276
VIENNA JUNCTION INDUSTRIAL PARK SANITARY	1,556,673
SAGINAW VALLEY LANDFILL	1,537,604
VENICE PARK RDF	1,446,871
RIVERVIEW LAND PRESERVE	1,224,927
WESTSIDE RECYCLING AND DISPOSAL, CELLS 5-13	1,143,497
C & C EXPANDED SANITARY LANDFILL	943,882
CITIZENS DISPOSAL, INC.	895,696
MICHIGAN ENVIRONS, INC.	854,791
CARLETON FARMS LANDFILL	754,343
SOUTHEAST BERRIEN COUNTY LANDFILL	604,862
SMITHS CREEK LANDFILL	569,819
ORCHARD HILL LANDFILL	549,282
CENTRAL SANITARY LANDFILL, INC.	543,163
GRANGER WASTE MANAGEMENT - WOOD STREET	537,545
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	530,005
KENT COUNTY - SOUTH KENT LANDFILL	497,017

NORTHERN OAKS RECYCLING & DISPOSAL FACILITY	469,870
CITY OF MIDLAND SANITARY LANDFILL	419,903
WASTE MANAGEMENT OF HASTINGS	325,085
ADRIAN LANDFILL, INC.	318,540
GLEN'S SANITARY LANDFILL, INC.	305,129
COLLIER ROAD LANDFILL - CITY OF PONTIAC	276,750
GRANGER WASTE MANAGEMENT- WATERTOWN	272,468
TAYMOUTH LANDFILL	258,759
WOOD ISLAND WASTE MANAGEMENT, INC.	245,562
WEXFORD COUNTY LANDFILL	240,207
CEDAR RIDGE RECYCLING AND DISPOSAL FACILITY	237,383
TRI CITY RECYCLING & DISPOSAL FACILITY	234,208
FORD ALLEN PARK CLAY MINE LANDFILL	224,561
MUSKEGON COUNTY TYPE II LANDFILL	217,274
K AND W LANDFILL, INC.	213,084
DAFTER SANITARY LANDFILL	193,543
COVE LANDFILL OF BAD AXE, INC.	180,832
HARLAND'S LANDFILL, INC. TYPE II PHASE II	146,837
PITSCH SANITARY LANDFILL, INC.	144,640
MARQUETTE COUNTY LANDFILL	143,656
MONTMORENCY/OSCODA JOINT SANITARY LANDFILL	120,278
DELTA SOLID WASTE MANAGEMENT AUTHORITY	119,892
PHILIP MCGILL ROAD LANDFILL	98,123
BRENT RUN LANDFILL	95,211
WHITEFEATHER LANDFILL	73,681
WHITELAKE LANDFILL, INC.	39,600
ELK RUN SANITARY LANDFILL	36,563
SOUTHEASTERN OAKLAND CO. RESOURCE RECOVERY	4,970

PEOPLE'S LANDFILL, INC.	390
CENTRAL WAYNE - HURON QUARRY ASH MONOFILL	0
PIONEER ROCK	0

TABLE 10  
**TYPE III WASTE DISPOSAL BY FACILITY**

FY 1999

<u>Facility Name</u>	<u>Waste Volume (cubic yards)</u>
LAFARGE TYPE III LANDFILL	648,828
STANDARD ENVIRONMENTAL SERVICES, INC. - ROCKWOOD	532,068
EDWARD C. LEVY COMPANY	320,729
CARLETON FARMS LANDFILL	294,383
ARBOR HILLS WEST EXPANDED LANDFILL	288,570
GRANGER WASTE MANAGEMENT - WOOD STREET LANDFILL	278,775
GRANGER WASTE MANAGEMENT- WATERTOWN TOWNSHIP	231,394
LIBERTY ENVIRONMENTALISTS LANDFILL	215,478
SOUTHDOWN, INC.	189,928
KALAMAZOO VALLEY GROUP LANDFILL	177,010
BRENT RUN LANDFILL	170,303
GM - CENTRAL FOUNDRY - GREY IRON PLANT	128,919
PHILIP MCGILL ROAD LANDFILL	90,397
KEN'S LANDFILL	83,031
CITY OF MIDLAND SANITARY LANDFILL	73,049
HOLNAM, INC. LANDFILL	71,344
VENICE PARK RDF	70,748
SMITHS CREEK LANDFILL	63,173
PITSCH SANITARY LANDFILL, INC.	54,276
SALZBURG ROAD SANITARY LANDFILL	26,551
SPARTA FOUNDRY WASTE DISPOSAL FACILITY	14,076
DAGGETT SAND AND GRAVEL, INC.	12,000
CITY OF LIVONIA LANDFILL SITE	10,238
MONTMORENCY/OSCODA JOINT SANITARY LANDFILL	2,117
MATLIN ROAD LANDFILL	1,386



WOODLAND MEADOWS REFUSE DISPOSAL FACILITY – Van Buren	117
WESTSIDE RECYCLING AND DISPOSAL, TYPE III	0
FOREST LAWN LANDFILL	0

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

CHAMPION INTERNATIONAL CORPORATION, QUINNESEC	185,529
ESCANABA PAPER COMPANY	100,375
HARLAND'S LANDFILL, INC. TYPE II PHASE II	97,099
STONE CONTAINER CORPORATION, TYPE III LANDFILL	40,608
HOLLAND BOARD OF PUBLIC WORKS ZEELAND LANDFILL	4,678
CONSOLIDATED PAPERS, INC. TYPE III LANDFILL	2

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

SAGINAW VALLEY LANDFILL	586,415
DETROIT EDISON COMPANY, MONROE POWER PLANT ASH BASIN	412,733
DETROIT EDISON COMPANY, RANGE ROAD LANDFILL	279,014
DETROIT EDISON COMPANY, SIBLEY QUARRY	234,272
CONSUMERS ENERGY, J. H. CAMPBELL PLANT	230,813
WISCONSIN ELECTRIC - ASH LANDFILL CELLS 1-5	156,152
GREAT LAKES PULP AND FIBRE	145,422
CONSUMERS ENERGY, D. E. KARN PLANT	136,972
CONSUMERS ENERGY, J. C. WEADOCK COAL ASH DISPOSAL	90,202
HARLAND'S LANDFILL, INC. TYPE II PHASE II	86,219
CONSUMERS ENERGY, J. R. WHITING PLANT	79,385
MUSKEGON COUNTY TYPE III LANDFILL	76,446
CROWN VANTAGE	28,052

## APPENDIX - LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

The appendix of the 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 this report, the mixed and segregated waste categories describe specific types of Type III waste that are identified in Act 451. These waste types consist of foundry sand, coal or wood ashes, and wood processing or paper sediments, or wastewater treatment sludges that are landfilled separate from other wastes; either in a mixture or totally segregated by individual waste type. The accounting of these waste types is primarily used in establishing and maintaining perpetual care funds for those landfill facilities. For additional information on these segregated wastes, see Section 11525(3) and (4) of Act 451.

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

**ADRIAN LANDFILL, INC.**

**LENAWEE**

**COUNTY**

Waste Origin Location: **Calhoun** II/III Waste Volume: 517 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards

Type II ? Yes Type III ? No

Waste Origin Location: **Eaton** II/III Waste Volume: 115 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards

Type II ? Yes Type III ? No

Waste Origin Location: **Hillsdale** II/III Waste Volume: 10,722 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards

Type II ? Yes Type III ? No

Waste Origin Location: **Ingham** II/III Waste Volume: 1,754 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards

Type II ? Yes Type III ? No

Waste Origin Location: **Jackson** II/III Waste Volume: 3,060 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards

Type II ? Yes Type III ? No

Waste Origin Location: **Lenawee** II/III Waste Volume: 192,933 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards

Type II ? Yes Type III ? No

Waste Origin Location: **Monroe** II/III Waste Volume: 33,620 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards

Type II ? Yes Type III ? No

Waste Origin Location: **Ohio** II/III Waste Volume: 70,461 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards

Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Washtenaw** 5,346 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Wayne** 12 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

**ARBOR HILLS WEST EXPANDED LANDFILL**

**WASHTENAW COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Canada** 1,171,654 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Livingston** 256 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Livingston** 50,787 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Macomb** 358,245 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Macomb** 19,144 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Oakland** 6,201 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Oakland** II/III Waste Volume: 304,436 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ohio** II/III Waste Volume: 197 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Unknown** II/III Waste Volume: 2,178 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Unknown** II/III Waste Volume: 65,087 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Washtenaw** II/III Waste Volume: 487,027 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Washtenaw** II/III Waste Volume: 235 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Wayne** II/III Waste Volume: 260,556 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Wayne** II/III Waste Volume: 1,345,956 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

AUTUMN HILLS RECYCLING AND DISPOSAL

OTTAWA

COUNTY

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Allegan** II/III Waste Volume: 91,767 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kent** II/III Waste Volume: 597,441 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Montcalm** II/III Waste Volume: 29,844 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Muskegon** II/III Waste Volume: 183,705 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ottawa** II/III Waste Volume: 750,519 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**BRENT RUN LANDFILL**

**GENESEE COUNTY**

Waste Origin Location: **Arenac** II/III Waste Volume: 70 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Bay** II/III Waste Volume: 4,865 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Bay** II/III Waste Volume: 17,175 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Canada** II/III Waste Volume: 8,900 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Charlevoix** II/III Waste Volume: 23 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Clare** II/III Waste Volume: 200 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Clinton** II/III Waste Volume: 100 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Genesee** II/III Waste Volume: 82,908 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Genesee** II/III Waste Volume: 26,162 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Gratiot** II/III Waste Volume: 2,958 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Gratiot** II/III Waste Volume: 294 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No



APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Huron** II/III Waste Volume: 140 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ingham** II/III Waste Volume: 14 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Isabella** II/III Waste Volume: 940 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Lapeer** II/III Waste Volume: 10,228 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Lapeer** II/III Waste Volume: 1,573 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Midland** II/III Waste Volume: 42 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Midland** II/III Waste Volume: 228 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Oakland** II/III Waste Volume: 230 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Oakland** 28 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Ogemaw** 20 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Saginaw** 38,095 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Saginaw** 47,616 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Shiawassee** 11,053 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Shiawassee** 4,984 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Tuscola** 2,489 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Tuscola** 4,099 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Unknown** 80 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

**C & C EXPANDED SANITARY LANDFILL**

**CALHOUN**

**COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Allegan** 11,373 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Barry** 317 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Branch** 81,571 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Calhoun** 323,989 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Cass** 244 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Clinton** 289 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Eaton** 60,281 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Hillsdale** II/III Waste Volume: 1,756 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ingham** II/III Waste Volume: 174,593 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Jackson** II/III Waste Volume: 2,127 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kalamazoo** II/III Waste Volume: 433,577 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **St. Joseph** II/III Waste Volume: 2,241 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Unknown** II/III Waste Volume: 26,027 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Van Buren** II/III Waste Volume: 90 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**CARLETON FARMS LANDFILL**

**WAYNE**

**COUNTY**

Waste Origin Location: **Canada** II/III Waste Volume: 840 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Canada** II/III Waste Volume: 105,480 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Genesee** II/III Waste Volume: 145 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Livingston** II/III Waste Volume: 2 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Livingston** II/III Waste Volume: 93 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Macomb** II/III Waste Volume: 720 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Macomb** II/III Waste Volume: 30 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Midland** II/III Waste Volume: 20 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Monroe** II/III Waste Volume: 12,783 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Monroe** II/III Waste Volume: 51,654 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Oakland** II/III Waste Volume: 59 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ohio** II/III Waste Volume: 640 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ohio** II/III Waste Volume: 80 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Saginaw** II/III Waste Volume: 350 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Unknown** II/III Waste Volume: 484 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Unknown** II/III Waste Volume: 970 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Washtenaw** II/III Waste Volume: 1,270 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Washtenaw** II/III Waste Volume: 6,811 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Wayne** II/III Waste Volume: 272,128 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Wayne** II/III Waste Volume: 594,167 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

CEDAR RIDGE RECYCLING AND DISPOSAL

CHARLEVOIX COUNTY

Waste Origin Location: **Antrim** II/III Waste Volume: 59,859 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Charlevoix** II/III Waste Volume: 128,844 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Emmet** II/III Waste Volume: 44,678 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Grand Traverse** II/III Waste Volume: 564 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kalkaska** II/III Waste Volume: 2,333 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Leelanau** 1,105 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

CENTRAL SANITARY LANDFILL, INC.

MONTCALM COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Clare** 69 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Gratiot** 424 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Ionia** 1,036 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Isabella** 2,167 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Kent** 267,082 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Lake** 3,870 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Mecosta** 51,964 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No



APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Montcalm** II/III Waste Volume: 121,506 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Newaygo** II/III Waste Volume: 84,266 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Osceola** II/III Waste Volume: 10,774 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Saginaw** II/III Waste Volume: 5 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**CENTRAL WAYNE - HURON QUARRY ASH**

**WAYNE COUNTY**

Waste Origin Location: **Wayne** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**CHAMPION INTERNATIONAL CORPORATION,**

**DICKINSON COUNTY**

Waste Origin Location: **DICKINSON** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 185,529 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? No

**CITIZENS DISPOSAL, INC.**

**GENESEE COUNTY**

Waste Origin Location: **Bay** II/III Waste Volume: 4,239 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Canada** 95,431 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Genesee** 473,302 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Lapeer** 81,048 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Livingston** 115,496 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Oakland** 112,315 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Saginaw** 10,817 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Shiawassee** 3,048 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

**CITY ENVIRONMENTAL SERVICES, INC. OF**

**CRAWFORD COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Alcona** 57 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Alpena** II/III Waste Volume: 71,211 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Antrim** II/III Waste Volume: 9,471 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Charlevoix** II/III Waste Volume: 6,432 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Cheboygan** II/III Waste Volume: 96,403 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Chippewa** II/III Waste Volume: 11,378 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Crawford** II/III Waste Volume: 69,075 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Emmet** II/III Waste Volume: 43,413 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Grand Traverse** II/III Waste Volume: 101 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Iosco** II/III Waste Volume: 28,224 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kalkaska** II/III Waste Volume: 74,937 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Mackinac** II/III Waste Volume: 20 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Montmorency** II/III Waste Volume: 1,270 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ogemaw** II/III Waste Volume: 7,679 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Oscoda** II/III Waste Volume: 790 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Otsego** II/III Waste Volume: 99,267 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Presque Isle** II/III Waste Volume: 168 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Roscommon** 10,109 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

CITY OF LIVONIA LANDFILL SITE

WAYNE

COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Wayne** 10,238 cubic yards 0 cubic yards 0 cubic yards  
Type II ? No Type III ? Yes

CITY OF MIDLAND SANITARY LANDFILL

MIDLAND

COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Bay** 6,000 cubic yards 0 cubic yards 0 cubic yards  
Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Midland** 67,049 cubic yards 0 cubic yards 0 cubic yards  
Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Midland** 419,903 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

COLLIER ROAD LANDFILL - CITY OF PONTIAC

OAKLAND

COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Oakland** 276,750 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

CONSOLIDATED PAPERS, INC. TYPE III LANDFILL

DICKINSON

COUNTY

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Wisconsin** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 2 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? No

**CONSUMERS ENERGY, D. E. KARN PLANT** **BAY** **COUNTY**

Waste Origin Location: **Bay** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 136,972 cubic yards  
 Type II ? No Type III ? No

**CONSUMERS ENERGY, J. C. WEADOCK COAL** **BAY** **COUNTY**

Waste Origin Location: **Bay** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 90,202 cubic yards  
 Type II ? No Type III ? No

**CONSUMERS ENERGY, J. H. CAMPBELL PLANT** **OTTAWA** **COUNTY**

Waste Origin Location: **Ottawa** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 230,813 cubic yards  
 Type II ? No Type III ? No

**CONSUMERS ENERGY, J. R. WHITING PLANT** **MONROE** **COUNTY**

Waste Origin Location: **Monroe** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 79,385 cubic yards  
 Type II ? No Type III ? No

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

Waste Origin Location: **Huron** II/III Waste Volume: 72,333 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Sanilac** 54,249 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Tuscola** 54,250 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

CROWN VANTAGE

KALAMAZOO COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Kalamazoo** 0 cubic yards 0 cubic yards 28,052 cubic yards  
Type II ? No Type III ? No

DAFTER SANITARY LANDFILL

CHIPPEWA COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Chippewa** 134,703 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Luce** 15,765 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Mackinac** 43,075 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

DAGGETT SAND AND GRAVEL, INC.

INGHAM COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Ingham, Eaton,** 12,000 cubic yards 0 cubic yards 0 cubic yards  
Type II ? No Type III ? Yes





APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Macomb** II/III Waste Volume: 262,180 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Oakland** II/III Waste Volume: 1,492,511 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Wayne** II/III Waste Volume: 440 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**EDWARD C. LEVY COMPANY**

**WAYNE**

**COUNTY**

Waste Origin Location: **Wayne** II/III Waste Volume: 320,729 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

**ELK RUN SANITARY LANDFILL**

**PRESQUE**

**COUNTY**

Waste Origin Location: **Charlevoix** II/III Waste Volume: 23,325 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Cheboygan** II/III Waste Volume: 1,400 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Emmet** II/III Waste Volume: 6,659 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Presque Isle** 5,179 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

**ESCANABA PAPER COMPANY**

**DELTA**

**COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Delta** 0 cubic yards 100,375 cubic yards 0 cubic yards  
 Type II ? No Type III ? No

**FORD ALLEN PARK CLAY MINE LANDFILL**

**WAYNE**

**COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Macomb** 1,426 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Monroe** 3,518 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Oakland** 263 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Ohio** 160 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Washtenaw** 3,567 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Wayne** II/III Waste Volume: 215,627 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

FOREST LAWN LANDFILL

BERRIEN

COUNTY

Waste Origin Location: **Berrien** II/III Waste Volume: 433,195 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Calhoun** II/III Waste Volume: 36 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Cass** II/III Waste Volume: 305 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Illinois** II/III Waste Volume: 552,889 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Indiana** II/III Waste Volume: 1,274,934 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kalamazoo** II/III Waste Volume: 30 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Unknown** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Van Buren** 68,306 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

GLEN'S SANITARY LANDFILL, INC.

LEELANAU COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Antrim** 5,127 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Benzie** 10,620 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Grand Traverse** 206,820 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Kalkaska** 20,608 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Leelanau** 60,989 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Manistee** 965 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Manistee** 965 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

**GM - CENTRAL FOUNDRY - GREY IRON PLANT**

**SAGINAW**

**COUNTY**

Waste Origin Location: **Saginaw** II/III Waste Volume: 128,919 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

**GRANGER WASTE MANAGEMENT - WOOD STREET**

**INGHAM**

**COUNTY**

Waste Origin Location: **Clinton** II/III Waste Volume: 26,057 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Clinton** II/III Waste Volume: 20,352 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Eaton** II/III Waste Volume: 29,567 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Eaton** II/III Waste Volume: 7,257 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Gratiot** II/III Waste Volume: 240 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ingham** II/III Waste Volume: 476,136 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Ingham** II/III Waste Volume: 247,093 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ionia** II/III Waste Volume: 18 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Jackson** II/III Waste Volume: 69 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Jackson** II/III Waste Volume: 1,770 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Livingston** II/III Waste Volume: 3,724 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Livingston** II/III Waste Volume: 4,015 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Washtenaw** II/III Waste Volume: 22 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

**GRANGER WASTE MANAGEMENT- WATERTOWN**

**CLINTON**

**COUNTY**

Waste Origin Location: **Clinton** II/III Waste Volume: 23,401 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Clinton** II/III Waste Volume: 19,240 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Eaton** II/III Waste Volume: 106,743 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Eaton** II/III Waste Volume: 45,530 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Gratiot** II/III Waste Volume: 22 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Gratiot** II/III Waste Volume: 283 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ingham** II/III Waste Volume: 162,139 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ingham** II/III Waste Volume: 121,905 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ionia** II/III Waste Volume: 18,554 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Ionia** II/III Waste Volume: 3,671 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Shiawassee** II/III Waste Volume: 1,843 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Shiawassee** II/III Waste Volume: 531 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

GREAT LAKES PULP AND FIBRE

MENOMINEE COUNTY

Waste Origin Location: **Menominee** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 145,422 cubic yards  
 Type II ? No Type III ? No

HARLAND'S LANDFILL, INC. TYPE II PHASE II

MANISTEE COUNTY

Waste Origin Location: **Benzie** II/III Waste Volume: 20,267 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Lake** II/III Waste Volume: 6,785 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Manistee** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 74,880 cubic yards  
 Type II ? No Type III ? No



APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Manistee** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 97,099 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? No

Waste Origin Location: **Manistee** II/III Waste Volume: 66,860 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Mason** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 8,967 cubic yards  
 Type II ? No Type III ? No

Waste Origin Location: **Mason** II/III Waste Volume: 52,925 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Mason** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 2,372 cubic yards  
 Type II ? No Type III ? No

**HOLENAM, INC. LANDFILL**

**MONROE COUNTY**

Waste Origin Location: **Monroe** II/III Waste Volume: 71,344 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

**HOLLAND BOARD OF PUBLIC WORKS ZEELAND**

**OTTAWA COUNTY**

Waste Origin Location: **Ottawa** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 4,678 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? No

**K AND W LANDFILL, INC.**

**ONTONAGON COUNTY**

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Baraga** II/III Waste Volume: 26,383 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Gogebic** II/III Waste Volume: 48,522 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Houghton** II/III Waste Volume: 81,887 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Iron** II/III Waste Volume: 25,101 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Keweenaw** II/III Waste Volume: 6,559 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ontonagon** II/III Waste Volume: 16,776 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Wisconsin** II/III Waste Volume: 7,856 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**KALAMAZOO VALLEY GROUP LANDFILL**

**COUNTY**

Waste Origin Location: **Allegan** II/III Waste Volume: 156,080 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Kalamazoo** 20,930 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

**KEN'S LANDFILL**

**GRAND**

**COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Antrim** 2,788 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Benzie** 1,997 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Grand Traverse** 67,032 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Kalkaska** 847 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Leelanau** 10,367 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

**KENT COUNTY - SOUTH KENT LANDFILL**

**KENT**

**COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Alcona** 1 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Allegan** II/III Waste Volume: 32,219 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Alpena** II/III Waste Volume: 5 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Barry** II/III Waste Volume: 2,104 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Clinton** II/III Waste Volume: 5 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Houghton** II/III Waste Volume: 3 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ionia** II/III Waste Volume: 39 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kalamazoo** II/III Waste Volume: 50,347 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kent** II/III Waste Volume: 412,269 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Montcalm** II/III Waste Volume: 2 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ottawa** II/III Waste Volume: 22 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Van Buren** II/III Waste Volume: 1 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

LAFARGE TYPE III LANDFILL

ALPENA COUNTY

Waste Origin Location: **Alpena** II/III Waste Volume: 648,828 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

LIBERTY ENVIRONMENTALISTS LANDFILL

JACKSON COUNTY

Waste Origin Location: **Hillsdale** II/III Waste Volume: 4,000 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Jackson** II/III Waste Volume: 180,000 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Lenawee** II/III Waste Volume: 23,478 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Washtenaw** 8,000 cubic yards 0 cubic yards 0 cubic yards  
Type II ? No Type III ? Yes

MARQUETTE COUNTY LANDFILL

MARQUETTE COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Marquette** 143,656 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

MATLIN ROAD LANDFILL

MONROE COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Monroe** 549 cubic yards 0 cubic yards 0 cubic yards  
Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Washtenaw** 215 cubic yards 0 cubic yards 0 cubic yards  
Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Wayne** 622 cubic yards 0 cubic yards 0 cubic yards  
Type II ? No Type III ? Yes

MICHIGAN ENVIRONS, INC.

MENOMINEE COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Alger** 41,414 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Dickinson** 86,051 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Iron** II/III Waste Volume: 579 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Menominee** II/III Waste Volume: 159,998 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Wisconsin** II/III Waste Volume: 566,749 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**MONTMORENCY/OSCODA JOINT SANITARY**

**MONTMORENC COUNTY**

Waste Origin Location: **Alcona** II/III Waste Volume: 4,078 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Alpena** II/III Waste Volume: 50,909 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Cheboygan** II/III Waste Volume: 1,040 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Emmet** II/III Waste Volume: 2,117 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Montmorency** II/III Waste Volume: 37,634 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Oscoda** 23,933 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Presque Isle** 2,684 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

**MUSKEGON COUNTY TYPE II LANDFILL**

**MUSKEGON COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Kent** 65 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Lake** 6,860 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Muskegon** 203,609 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Newaygo** 2,604 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Oceana** 493 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Ottawa** 3,643 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No



APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

**MUSKEGON COUNTY TYPE III LANDFILL**

**MUSKEGON COUNTY**

Waste Origin Location:	II/III Waste Volume:	Mixed Waste Volume:	Segregated Waste Volume:
<b>Muskegon</b>	0 cubic yards	0 cubic yards	76,446 cubic yards
Type II ?	No	Type III ?	No

**NORTHERN OAKS RECYCLING & DISPOSAL**

**CLARE COUNTY**

Waste Origin Location:	II/III Waste Volume:	Mixed Waste Volume:	Segregated Waste Volume:
<b>Bay</b>	1,226 cubic yards	0 cubic yards	0 cubic yards
Type II ?	Yes	Type III ?	No

Waste Origin Location:	II/III Waste Volume:	Mixed Waste Volume:	Segregated Waste Volume:
<b>Clare</b>	89,594 cubic yards	0 cubic yards	0 cubic yards
Type II ?	Yes	Type III ?	No

Waste Origin Location:	II/III Waste Volume:	Mixed Waste Volume:	Segregated Waste Volume:
<b>Gladwin</b>	46,909 cubic yards	0 cubic yards	0 cubic yards
Type II ?	Yes	Type III ?	No

Waste Origin Location:	II/III Waste Volume:	Mixed Waste Volume:	Segregated Waste Volume:
<b>Gratiot</b>	6,156 cubic yards	0 cubic yards	0 cubic yards
Type II ?	Yes	Type III ?	No

Waste Origin Location:	II/III Waste Volume:	Mixed Waste Volume:	Segregated Waste Volume:
<b>Isabella</b>	139,472 cubic yards	0 cubic yards	0 cubic yards
Type II ?	Yes	Type III ?	No

Waste Origin Location:	II/III Waste Volume:	Mixed Waste Volume:	Segregated Waste Volume:
<b>Mecosta</b>	41,326 cubic yards	0 cubic yards	0 cubic yards
Type II ?	Yes	Type III ?	No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Ogemaw** II/III Waste Volume: 48,036 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Osceola** II/III Waste Volume: 45,960 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Roscommon** II/III Waste Volume: 51,191 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

OAKLAND HEIGHTS DEVELOPMENT, INC.

OAKLAND COUNTY

Waste Origin Location: **Canada** II/III Waste Volume: 39,705 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Macomb** II/III Waste Volume: 543,040 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Oakland** II/III Waste Volume: 1,146,037 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Pennsylvania** II/III Waste Volume: 120 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Wayne** II/III Waste Volume: 14,440 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

**ORCHARD HILL LANDFILL**

**BERRIEN**

**COUNTY**

Waste Origin Location: **Allegan** II/III Waste Volume: 1,986 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Berrien** II/III Waste Volume: 219,480 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Calhoun** II/III Waste Volume: 3 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Cass** II/III Waste Volume: 7,392 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Indiana** II/III Waste Volume: 12,346 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kalamazoo** II/III Waste Volume: 234,934 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **St. Joseph** II/III Waste Volume: 230 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Van Buren** II/III Waste Volume: 72,911 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

**OTTAWA COUNTY FARMS LANDFILL**

**OTTAWA COUNTY**

Waste Origin Location: **Allegan** II/III Waste Volume: 36,702 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kalamazoo** II/III Waste Volume: 47,434 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kent** II/III Waste Volume: 1,022,796 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Montcalm** II/III Waste Volume: 582 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Muskegon** II/III Waste Volume: 608,493 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Newaygo** II/III Waste Volume: 30 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Oceana** II/III Waste Volume: 87,383 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ottawa** II/III Waste Volume: 658,272 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

**PEOPLE'S LANDFILL, INC.**

**SAGINAW COUNTY**

Waste Origin Location: **Genesee** II/III Waste Volume: 5 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Saginaw** II/III Waste Volume: 383 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Tuscola** II/III Waste Volume: 2 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**PHILIP McGILL ROAD LANDFILL**

**JACKSON COUNTY**

Waste Origin Location: **Jackson** II/III Waste Volume: 90,397 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Jackson** II/III Waste Volume: 98,123 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**PINE TREE ACRES, INC.**

**MACOMB COUNTY**

Waste Origin Location: **Canada** II/III Waste Volume: 69,630 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Macomb** II/III Waste Volume: 2,506,626 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Oakland** II/III Waste Volume: 97,479 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **St. Clair** II/III Waste Volume: 27,852 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Wayne** II/III Waste Volume: 83,553 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**PIONEER ROCK**

**LAPEER**

**COUNTY**

Waste Origin Location: **N/A** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**PITSCH SANITARY LANDFILL, INC**

**IONIA**

**COUNTY**

Waste Origin Location: **Allegan** II/III Waste Volume: 32 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Barry** II/III Waste Volume: 18 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Barry** II/III Waste Volume: 41 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Berrien** II/III Waste Volume: 17 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Clare** II/III Waste Volume: 976 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Clinton** II/III Waste Volume: 361 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Clinton** II/III Waste Volume: 30 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Eaton** II/III Waste Volume: 9 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Emmet** II/III Waste Volume: 13 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Genesee** II/III Waste Volume: 28 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Gratiot** II/III Waste Volume: 445 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Gratiot** II/III Waste Volume: 606 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ingham** II/III Waste Volume: 115 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ionia** II/III Waste Volume: 61,229 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ionia** II/III Waste Volume: 14,596 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Isabella** II/III Waste Volume: 1,832 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Isabella** II/III Waste Volume: 2,789 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kalamazoo** II/III Waste Volume: 20 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Kent** II/III Waste Volume: 27,053 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes



APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Kent** II/III Waste Volume: 44,946 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Mecosta** II/III Waste Volume: 336 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Mecosta** II/III Waste Volume: 4,928 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Montcalm** II/III Waste Volume: 9,198 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Montcalm** II/III Waste Volume: 27,890 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Muskegon** II/III Waste Volume: 55 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Osceola** II/III Waste Volume: 1,286 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Osceola** II/III Waste Volume: 22 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Ottawa** 3 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Ottawa** 42 cubic yards 0 cubic yards 0 cubic yards  
Type II ? No Type III ? Yes

RIVERVIEW LAND PRESERVE

WAYNE

COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Canada** 36,625 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Unknown** 4,072 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Wayne** 1,184,230 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

SAGINAW VALLEY LANDFILL

SAGINAW

COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Bay** 263,137 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Genesee** 1,940 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Gratiot** II/III Waste Volume: 83,657 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Saginaw** II/III Waste Volume: 1,138,129 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Saginaw** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 586,415 cubic yards  
 Type II ? No Type III ? No

Waste Origin Location: **Shiawassee** II/III Waste Volume: 545 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Tuscola** II/III Waste Volume: 50,196 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**SALZBURG ROAD SANITARY LANDFILL**

**MIDLAND**

**COUNTY**

Waste Origin Location: **Connecticut** II/III Waste Volume: 70 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Crawford** II/III Waste Volume: 43 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Illinois** II/III Waste Volume: 50 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Mason** II/III Waste Volume: 316 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Midland** II/III Waste Volume: 26,064 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **New Jersey** II/III Waste Volume: 8 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

**SAUK TRAIL HILLS**

**WAYNE**

**COUNTY**

Waste Origin Location: **Canada** II/III Waste Volume: 31,091 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Connecticut** II/III Waste Volume: 63 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Illinois** II/III Waste Volume: 95 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Macomb** II/III Waste Volume: 269,580 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Monroe** II/III Waste Volume: 13,501 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**New York** 180 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Oakland** 578,189 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Ohio** 3,305 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Washtenaw** 40,015 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Wayne** 2,597,457 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

**SMITHS CREEK LANDFILL**

**SAINT CLAIR COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**St. Clair** 63,173 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**St. Clair** 569,819 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

**SOUTHDOWN, INC.**

**CHARLEVOIX COUNTY**

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Charlevoix** 189,928 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

**SOUTHEAST BERRIEN COUNTY LANDFILL**

**BERRIEN COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Berrien** 121,065 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Cass** 9,884 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Illinois** 5,133 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Indiana** 460,088 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**New Jersey** 300 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**St. Joseph** 8,389 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Van Buren** 3 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

**SOUTHEASTERN OAKLAND CO. RESOURCE**

**OAKLAND**

**COUNTY**

Waste Origin Location: **Oakland** II/III Waste Volume: 4,970 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**SPARTA FOUNDRY WASTE DISPOSAL FACILITY**

**KENT**

**COUNTY**

Waste Origin Location: **Kent** II/III Waste Volume: 14,076 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

**STANDARD ENVIRONMENTAL SERVICES, INC. -**

**MONROE**

**COUNTY**

Waste Origin Location: **Canada** II/III Waste Volume: 3,291 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Macomb** II/III Waste Volume: 38,330 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Monroe** II/III Waste Volume: 15,732 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Oakland** II/III Waste Volume: 2,925 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ohio** II/III Waste Volume: 13,059 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Washtenaw** II/III Waste Volume: 1,291 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Wayne** II/III Waste Volume: 457,440 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

STONE CONTAINER CORPORATION, TYPE III

ONTONAGON COUNTY

Waste Origin Location: **Ontonagon** II/III Waste Volume: 0 cubic yards Mixed Waste Volume: 40,608 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? No

TAYMOUTH LANDFILL

SAGINAW COUNTY

Waste Origin Location: **Bay** II/III Waste Volume: 117,444 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Genesee** II/III Waste Volume: 52,260 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Gratiot** II/III Waste Volume: 30 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Midland** II/III Waste Volume: 20 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No



APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Saginaw** II/III Waste Volume: 78,765 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Shiawassee** II/III Waste Volume: 3,526 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Tuscola** II/III Waste Volume: 6,415 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Unknown** II/III Waste Volume: 299 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**TRI CITY RECYCLING & DISPOSAL FACILITY**

**SANILAC**

**COUNTY**

Waste Origin Location: **Canada** II/III Waste Volume: 53,085 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Huron** II/III Waste Volume: 30,147 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Lapeer** II/III Waste Volume: 30,037 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Sanilac** II/III Waste Volume: 113,177 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Tuscola** 7,762 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

VENICE PARK RDF

SHIAWASSEE COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Alcona** 5,490 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Allegan** 5 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Bay** 108 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Canada** 7,830 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Clinton** 3,669 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Clinton** 35,007 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Genesee** 1,138,778 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Genesee** II/III Waste Volume: 42,199 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Gratiot** II/III Waste Volume: 376 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Gratiot** II/III Waste Volume: 150 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Ingham** II/III Waste Volume: 50 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Lapeer** II/III Waste Volume: 3,590 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Lapeer** II/III Waste Volume: 20 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Livingston** II/III Waste Volume: 880 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Livingston** II/III Waste Volume: 4,850 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Midland** II/III Waste Volume: 88 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Missaukee** II/III Waste Volume: 9,120 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Monroe** II/III Waste Volume: 8 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Oakland** II/III Waste Volume: 507 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Roscommon** II/III Waste Volume: 2 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Saginaw** II/III Waste Volume: 182 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Saginaw** II/III Waste Volume: 111,789 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Shiawassee** II/III Waste Volume: 127,339 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Shiawassee** II/III Waste Volume: 23,637 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Tuscola** II/III Waste Volume: 521 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Tuscola** II/III Waste Volume: 3 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? No Type III ? Yes

Waste Origin Location: **Wayne** II/III Waste Volume: 1,421 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

VIENNA JUNCTION INDUSTRIAL PARK SANITARY

MONROE

COUNTY

Waste Origin Location: **Canada** II/III Waste Volume: 419,548 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Lenawee** II/III Waste Volume: 30,399 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Monroe** II/III Waste Volume: 151,559 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ohio** II/III Waste Volume: 912,390 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Unknown** II/III Waste Volume: 40 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Wayne** II/III Waste Volume: 42,737 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

**WASTE MANAGEMENT OF HASTINGS**

**BARRY**

**COUNTY**

Waste Origin Location: **Allegan** II/III Waste Volume: 5,872 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Barry** II/III Waste Volume: 124,071 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Calhoun** II/III Waste Volume: 17,883 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Eaton** II/III Waste Volume: 57,859 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ionia** II/III Waste Volume: 24,810 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Kalamazoo** II/III Waste Volume: 15,509 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Kent** 79,081 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

WESTSIDE RECYCLING AND DISPOSAL, CELLS

SAINT JOSEPH COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Allegan** 22,870 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Berrien** 45,740 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Branch** 45,740 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Calhoun** 57,175 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Cass** 57,175 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Indiana** 80,045 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Kalamazoo** 457,398 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**St. Joseph** 343,049 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Van Buren** 34,305 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

WESTSIDE RECYCLING AND DISPOSAL, TYPE III

SAINT JOSEPH COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**St. Joseph** 0 cubic yards 0 cubic yards 0 cubic yards  
Type II ? No Type III ? Yes

WEXFORD COUNTY LANDFILL

WEXFORD COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Missaukee** 22,006 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Wexford** 218,201 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

WHITEFEATHER LANDFILL

BAY COUNTY

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Alcona** 237 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Arenac** 7,606 cubic yards 0 cubic yards 0 cubic yards  
Type II ? Yes Type III ? No



APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Bay** II/III Waste Volume: 16,466 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Clare** II/III Waste Volume: 57 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Gladwin** II/III Waste Volume: 3,321 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Iosco** II/III Waste Volume: 39,123 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Isabella** II/III Waste Volume: 1,036 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Midland** II/III Waste Volume: 15 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ogemaw** II/III Waste Volume: 2,620 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Oscoda** II/III Waste Volume: 106 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Roscommon** 1,816 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Saginaw** 1,278 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

**WHITELAKE LANDFILL, INC.**

**MUSKEGON COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Muskegon** 31,680 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Oceana** 4,752 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Ottawa** 3,168 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

**WISCONSIN ELECTRIC - ASH LANDFILL CELLS 1-5**

**MARQUETTE COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Marquette** 0 cubic yards 0 cubic yards 156,152 cubic yards  
 Type II ? No Type III ? No

**WOOD ISLAND WASTE MANAGEMENT, INC.**

**ALGER COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Alger** 9,126 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Dickinson** 84,003 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Houghton** 25,788 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Luce** 6,636 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Menominee** 1,776 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Schoolcraft** 73,014 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Wisconsin** 45,219 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

**WOODLAND MEADOWS REFUSE DISPOSAL**

**WAYNE**

**COUNTY**

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Canada** 299,681 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: II/III Waste Volume: Mixed Waste Volume: Segregated Waste Volume:  
**Genesee** 40 cubic yards 0 cubic yards 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Huron** II/III Waste Volume: 408 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ingham** II/III Waste Volume: 133 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ionia** II/III Waste Volume: 86 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Jackson** II/III Waste Volume: 117 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? Yes

Waste Origin Location: **Kalamazoo** II/III Waste Volume: 970 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Lenawee** II/III Waste Volume: 325 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Livingston** II/III Waste Volume: 2,240 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Macomb** II/III Waste Volume: 13,655 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

APPENDIX

LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

FY 1999

Waste Origin Location: **Monroe** II/III Waste Volume: 26,266 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Oakland** II/III Waste Volume: 310,529 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Ohio** II/III Waste Volume: 465 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Otsego** II/III Waste Volume: 20 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **St. Clair** II/III Waste Volume: 4 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Washtenaw** II/III Waste Volume: 461,134 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No

Waste Origin Location: **Wayne** II/III Waste Volume: 3,858,660 cubic yards Mixed Waste Volume: 0 cubic yards Segregated Waste Volume: 0 cubic yards  
 Type II ? Yes Type III ? No