



REPORT OF SOLID WASTE LANDFILLED IN MICHIGAN

OCTOBER 1, 2008 – SEPTEMBER 30, 2009

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INTRODUCTION

Section 11507a(1) of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, requires all landfills in Michigan to “annually submit a report to the state and the county and municipality in which the landfill is located that contains information on the amount of solid waste received by the landfill during the year itemized, to the extent possible, by county, state, or country of origin and the amount of remaining disposal capacity at the landfill.”

Section 11507a(2) of Part 115 states, “By January 31 of each year, the department shall submit to the legislature a report summarizing the information obtained under subsection (1).” This report covers the period from October 1, 2008, to September 30, 2009, and is the fourteenth 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 remaining capacity, volume, and point of origin of the waste stream reported by each landfill. Additionally, use of both standard and waste-specific conversion factors between tons and cubic yards may further alter the data accuracy.

The Waste Receipt Report forms sent by the DEQ to the landfills provide for reporting of the waste received by category. For purposes of this report¹: MCW means municipal and commercial waste and is typically residential-like waste. IW means industrial waste, and C&D means construction and demolition waste. Certain IW types are accounted for specifically in landfill waste receipt reports, primarily to calculate the financial assurance applicable to those types of wastes. These specially accounted wastes are: (1) foundry sand; (2) coal or wood ash; (3) wastewater treatment sludges; and (4) sediments from wood processing or paper manufacturing. If these wastes are placed in segregated cells or otherwise separated from other wastes in a landfill, they are labeled in this report as “IW - Segregated Waste” (if each specially accounted

¹ Historically, landfills and the DEQ have referred in these reports to the waste disposed as either a Type II or Type III waste. However, new waste designations have been provided to better describe the type of waste rather than the type of landfill. To properly understand the connection between previous reports and the current report, please note the following: MCW refers to the former Type II waste; and IW and C&D refers to the former Type III waste.

waste is disposed of separately) or “IW - Mixed Waste” (if the specially accounted wastes are mixed together). For additional information on these wastes, see Sections 11525(3) and (4) of Part 115.

It should be noted that this report addresses waste disposed of in Michigan landfills from in-state and out-of-state locations. It does not address waste originating in Michigan that is transported to locations outside Michigan for disposal. Additionally, this report covers only waste landfilled in Michigan and does not attempt to determine the amount of waste removed from the overall waste stream prior to final disposal by such means as waste reduction and recycling. Incineration in Michigan is also not addressed except for the final landfilling of ash from municipal incinerators.

WASTE DISPOSAL SUMMARY INFORMATION

Total waste disposal in Michigan landfills was reported at 47,837,680 cubic yards, a decrease of 9,404,859 cubic yards or about 16 percent under the fiscal year (FY) 2008 report data. Waste generated in Michigan decreased from 40,036,279 cubic yards in the previous reporting period to 34,751,326 cubic yards, a decrease of about 13 percent. Total imports of waste into Michigan landfills decreased from the previous reporting period from 17,206,260 cubic yards to 13,086,354 cubic yards, a decrease of about 24 percent. The largest source of waste imports to Michigan continues to be from Canada, with total reported imports to landfills of 9,054,371 cubic yards, down 1,667,793 cubic yards or about 16 percent from the FY 2008 report data. Canadian waste imports equal about 19 percent of all waste disposed of in Michigan landfills. Waste reported from other states and Canada totaled about 27 percent of all solid waste disposed of in Michigan landfills. Imported waste comprised 30 percent of solid waste disposed of in Michigan landfills in the previous year. Further, the data that follow outline the out-of-state imports to Michigan over the past ten fiscal years. Imports from other states decreased to 4,031,983 cubic yards from 6,484,096 cubic yards, a decrease of about 38 percent. This information is presented in Tables 1 and 2 and Figures 1 and 2 and shows only the past ten years' data. Previous years' data can be found on the DEQ Web site at <http://www.michigan.gov/deq> (Click on “Waste” and

“Solid Waste” and under “Information,” click on “Annual Reports of Solid Waste Landfilled in Michigan” and then on the link for the fiscal year report desired).

Note that the quantities and percentages shown for previous years reflect corrections submitted by the landfills since the last annual report was published. An initiative begun by the DEQ in FY 2006 to reconcile quantities reported annually by the landfills with the quantities used to calculate the solid waste surcharge payments and the deposits into landfill Perpetual Care Funds has resulted in substantial data corrections for some landfills, primarily for quantities attributed to Michigan. Therefore, Tables 1 and 2 and Figures 1 and 2 differ from previous reports.

Recognizing that the solid waste data presented in this report are used to project revenues from solid waste surcharges specified in Section 11525a of Part 115, only the solid waste volumes reported at noncaptive² disposal facilities should be used in the calculation of the 7 cents per cubic yard surcharge. For FY 2009, that amount was 45,628,324 cubic yards. The remaining waste was received at captive facilities, which are subject to a flat fee of \$500 to \$3,000 based upon the volume of waste received. Note that the volumes in this report may not be in agreement with the volumes also reported by the landfills in their quarterly surcharge reports.

² Part 115 recognizes two types of facilities, captive and noncaptive, for the purposes of the payment of the surcharge assessed under Section 11525a. Section 11525a(10) states, in pertinent part, “‘captive facility’ means a landfill that accepts for disposal only nonhazardous industrial waste generated only by the owner of the landfill or a nonhazardous industrial waste landfill that is specified in Section 11525(3).”

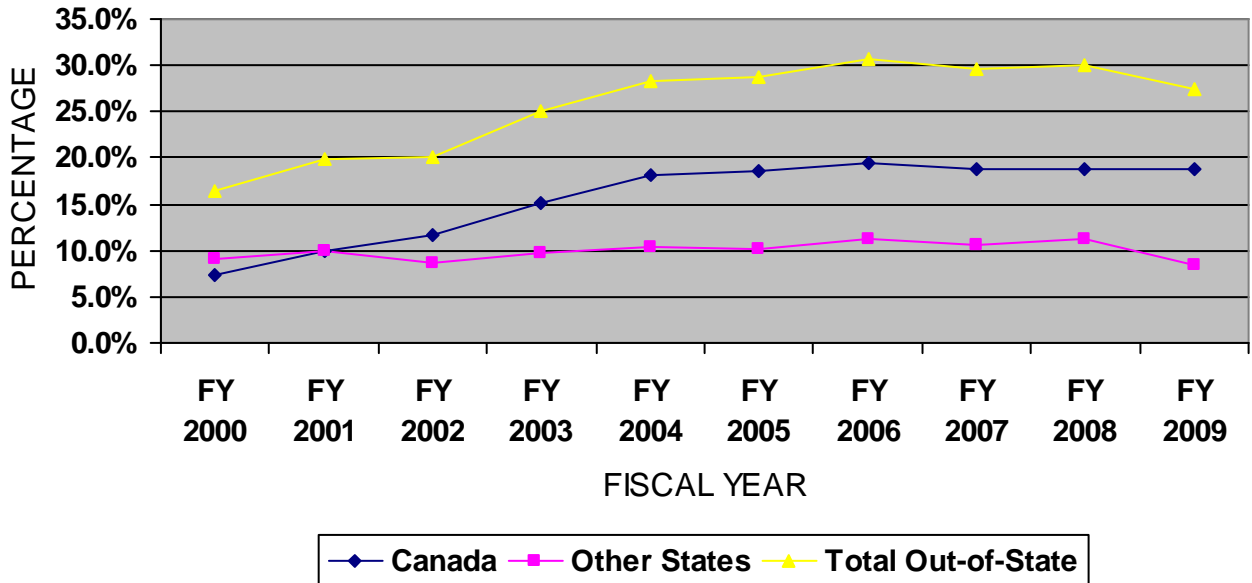
TABLE 1
SOLID WASTE DISPOSED OF IN MICHIGAN LANDFILLS
(All Figures in Cubic Yards)

Fiscal Year	Michigan	Canada	Other States	Totals
FY 2000	47,732,446	4,216,814	5,216,114	57,165,374
FY 2001	47,695,933	5,894,738	5,977,769	59,568,440
FY 2002	45,425,197	6,607,856	4,886,587	56,919,640
FY 2003	46,572,822	9,433,028	6,079,367	62,085,217
FY 2004	45,771,995	11,558,899	6,580,238	63,911,132
FY 2005	45,613,086	11,878,091	6,539,722	64,030,899
FY 2006	42,898,759	12,084,907	6,950,625	61,934,291
FY 2007	41,058,643	10,982,984	6,171,854	58,213,481
FY 2008	40,036,279	10,722,164	6,484,096	57,242,539
FY 2009	34,751,326	9,054,371	4,031,983	47,837,680

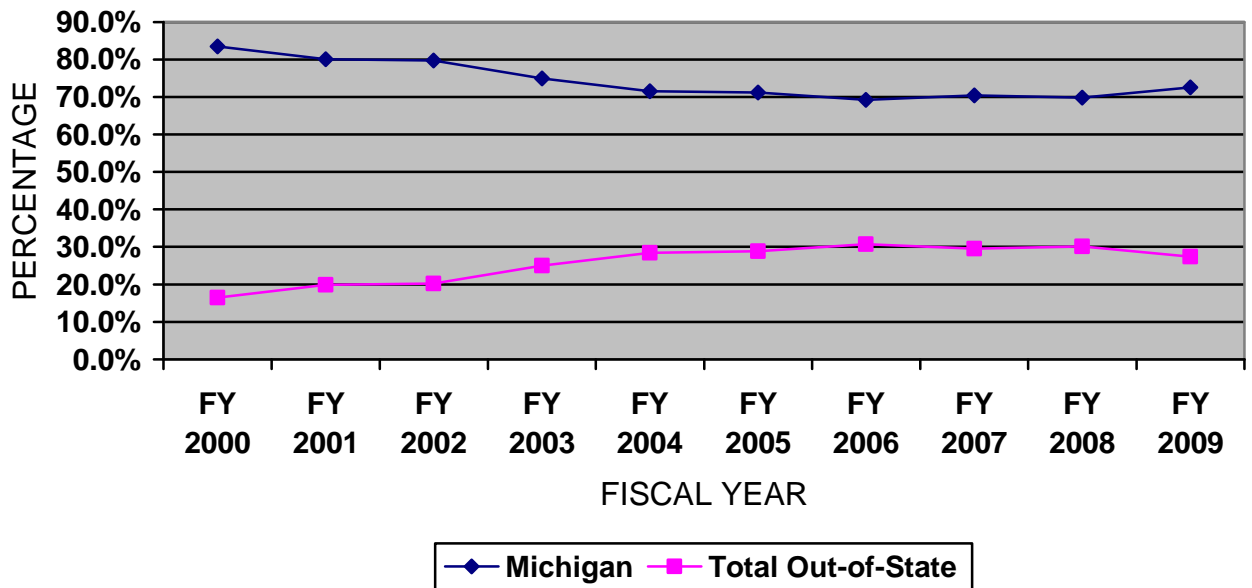
TABLE 2
SOLID WASTE DISPOSED OF IN MICHIGAN LANDFILLS
BY PERCENTAGE

Fiscal Year	Michigan	Canada	Other States
FY 2000	83.5%	7.4%	9.1%
FY 2001	80.1%	9.9%	10.0%
FY 2002	79.8%	11.6%	8.6%
FY 2003	75.0%	15.2%	9.8%
FY 2004	71.6%	18.1%	10.3%
FY 2005	71.2%	18.6%	10.2%
FY 2006	69.3%	19.5%	11.2%
FY 2007	70.5%	18.9%	10.6%
FY 2008	69.9%	18.7%	11.3%
FY 2009	72.6%	18.9%	8.4%

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



**FIGURE 2
MICHIGAN AND OUT-OF-STATE WASTE AS PERCENTAGE OF
TOTAL DISPOSAL IN MICHIGAN LANDFILLS**



The following provides details concerning the volumes of waste disposed of in Michigan landfills and provides a breakdown of the waste imported into Michigan for disposal for all landfills that reported this information. Table 3 displays waste disposal summary information for both in-state and imported waste. Some facilities may have reported data from an unknown origin. All unknown waste is reported as in-state waste, however, it is expected that some of the unassigned waste is from out-of-state sources.

TABLE 3 SOLID WASTE DISPOSAL SOURCE SUMMARY			
WASTE TYPE	IN-STATE	IMPORTED	TOTAL
MCW	24,866,579	11,079,908	35,946,487
MCW - MSW INCINERATOR ASH	246,023	1,114	247,137
SUBTOTAL MCW	25,112,602	11,081,022	36,193,624
IW AND C&D	7,447,971	2,004,678	9,452,649
IW - MIXED SEGRGATED	431,055		431,055
IW - SEGREGATED	1,759,698	654	1,760,352
SUBTOTAL IW	9,638,724	654	11,644,056
GRAND TOTAL	34,751,326	13,086,354	47,837,680

WASTE IMPORTS

Based on the reported information for FY 2009, the solid waste industry in Michigan imported solid waste from 12 other states and from Canada for disposal in Michigan landfills. Table 4 indicates the volume of MCW and IW and C&D waste imported and the state or country of origin of the waste.

WASTE ORIGIN	MCW	IW and C&D	TOTAL WASTE
CANADA	8,814,076	240,295	9,054,371
CONNECTICUT	1,995	3,875	5,870
FLORIDA	0	5,800	5,800
ILLINOIS	277,782	131,674	409,456
INDIANA	645,838	251,490	897,328
MARYLAND	7,950	30,228	38,178
MASSACHUSETTS	2,346	1,140	3,486
MINNESOTA	0	37	37
NEW JERSEY	220,024	863,444	1,083,468
NEW YORK	5,915	61,973	67,888
OHIO	880,593	368,926	1,249,519
PENNSYLVANIA	2,120	4,780	6,900
WISCONSIN	222,383	41,670	264,053

Table 5 shows the total amount of waste imported into each county from all out-of-state sources.

TABLE 5 IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN - FY 2009 (Volume in Cubic Yards)		
COUNTY	WASTE ORIGIN	WASTE VOLUME
ALGER	WISCONSIN	15,359
BERRIEN	ILLINOIS	409,430
BERRIEN	INDIANA	867,716
CALHOUN	INDIANA	60
CHIPPEWA	CANADA	11,304
DICKINSON	WISCONSIN	654
GENESEE	CANADA	2,393,825
HURON	CANADA	48,418
JACKSON	OHIO	360
LENAWEE	CONNECTICUT	1,830
LENAWEE	MASSACHUSETTS	266
LENAWEE	NEW JERSEY	47,259
LENAWEE	PENNSYLVANIA	910
MACOMB	CANADA	3,741,197
MENOMINEE	WISCONSIN	189,541
MONROE	CANADA	41,693
MONROE	CONNECTICUT	3,250
MONROE	MASSACHUSETTS	1,060
MONROE	NEW JERSEY	657,365
MONROE	NEW YORK	42,950
MONROE	OHIO	996,632
MONROE	PENNSYLVANIA	40
ONTONAGON	MINNESOTA	37
ONTONAGON	WISCONSIN	58,499
SHIAWASSEE	OHIO	10
ST JOSEPH	ILLINOIS	10
ST JOSEPH	INDIANA	29,552
WASHTENAW	CANADA	6,861
WAYNE	CANADA	2,811,073
WAYNE	CONNECTICUT	790
WAYNE	FLORIDA	5,800
WAYNE	ILLINOIS	16
WAYNE	MARYLAND	38,178

**TABLE 5
IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN - FY 2009
(Volume in Cubic Yards)**

COUNTY	WASTE ORIGIN	WASTE VOLUME
WAYNE	MASSACHUSETTS	2,160
WAYNE	NEW JERSEY	378,844
WAYNE	NEW YORK	24,938
WAYNE	OHIO	252,517
WAYNE	PENNSYLVANIA	5,950

FACILITY INFORMATION

The total of MCW and IW and C&D disposed of and total volume at each of the 75 reporting facilities is given in Table 6. Tables 7 and 8 list the MCW and IW and C&D disposal volumes ranked in order of volume disposed. The highlighted type of waste in each of Tables 7 and 8 corresponds to the focus of that table. However, all waste information is also provided for reference purposes. Table 8 includes IW - Mixed and IW - Segregated (see the Introduction). However, landfills receiving waste disposed of in those categories are also listed in Tables 9 and 10.

**TABLE 6
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
ADRIAN LANDFILL INC	415,568	0	415,568
ALLIED WASTE INDUSTRIES ROCKWOOD LANDFILL	0	837,096	837,096
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	658,783	393,813	1,052,596
BRENT RUN LANDFILL	1,988,482	538,154	2,526,636
C & C EXPANDED SANITARY LANDFILL	1,338,061	0	1,338,061
CARLETON FARMS LANDFILL	3,435,520	1,324,717	4,760,237
CENTRAL SANITARY LANDFILL	545,433	27,510	572,943
CITIZENS DISPOSAL INC	1,205,320	0	1,205,320
CITY ENVIRONMENTAL SERVICES INC OF WATERS	301,760	135,537	437,297

**TABLE 6
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
CITY ENVIRONMENTAL SERVICES LF OF HASTINGS	102,508	17,352	119,860
CITY OF LIVONIA LANDFILL	0	12,396	12,396
CITY OF MIDLAND SANITARY LANDFILL	236,826	200,310	437,136
CMP QUINNESEC LLC	0	123,726	123,726
CONSUMERS ENERGY CO J H CAMPBELL COMPLEX	0	251,900	251,900
CONSUMERS ENERGY COMPANY DE KARN	0	31,235	31,235
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	171,661	47,764	219,425
COUNTY OF WEXFORD LANDFILL	94,928	30,875	125,803
COVE LANDFILL	308,047	0	308,047
DAFTER SANITARY LANDFILL	122,397	4,466	126,863
DELTA COUNTY LANDFILL	73,525	32,584	106,109
DETROIT EDISON CO RANGE RD ASH DISPOSAL	0	385,621	385,621
DETROIT EDISON CO SIBLEY QUARRY	0	318,126	318,126
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	440,977	62,299	503,276
EDWARD C LEVY CO LANDFILL	0	204,347	204,347
ELK RUN LANDFILL	117,384	24,890	142,274
ESCANABA PAPER COMPANY	0	77,550	77,550
FOREST LAWN LANDFILL INC	768,782	393,654	1,162,436
GLENS SANITARY LANDFILL	227,379	40,305	267,684
GMC SAGINAW METAL CASTING	0	5,553	5,553
GRANGER GRAND RIVER LANDFILL	395,699	0	395,699
GRANGER WOOD STREET LANDFILL	907,406	0	907,406
GREAT LAKES PULP COMPANY TYPE III LANDFILL	0	25,159	25,159
HOLCIM US INC DUNDEE PLANT	0	3,067	3,067
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL	0	30	30
J R WHITING ELECTRIC GENERATING STATION	0	33,467	33,467
JC WEADOCK	0	99,582	99,582

**TABLE 6
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
K & W LANDFILL	210,866	6,127	216,993
KALAMAZOO VALLEY GROUP LOW HAZARD TYPE III	0	40,012	40,012
LAFARGE MIDWEST INC	0	276,418	276,418
LIBERTY ENVIRONMENTALISTS LANDFILL	0	116,186	116,186
MANISTEE COUNTY LANDFILL INC	159,525	352,634	512,159
MANISTIQUE PAPERS INC	0	166,063	166,063
MARQUETTE COUNTY LANDFILL	158,278	0	158,278
MATLIN ROAD LANDFILL	0	20,031	20,031
MCGILL ROAD LANDFILL	78,333	48,152	126,485
MICHIGAN ENVIRONS INC	179,894	99,795	279,689
MONROE POWER PLANT	0	507,351	507,351
MONTMORENCY-OSCODA- ALPENA SWMA	158,475	18,583	177,058
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	255,399	98,345	353,744
OAKLAND HEIGHTS DEVELOPMENT INC	1,014,171	0	1,014,171
ORCHARD HILL SANITARY LANDFILL	559,371	0	559,371
OSCEOLA DEVELOPMENT LLC LANDFILL	19,524	7,426	26,950
OTTAWA COUNTY FARMS LANDFILL	593,627	360,427	954,054
PEOPLES LANDFILL INC	523,904	105,794	629,698
PINE TREE ACRES INC	4,468,294	467,911	4,936,205
PITSCH SANITARY LANDFILL	33,554	178,022	211,576
RICHFIELD LANDFILL INC	474,789	0	474,789
RIVERVIEW LAND PRESERVE	992,348	776,718	1,769,066
SAUK TRAIL HILLS LANDFILL	3,318,691	0	3,318,691
SMITHS CREEK LANDFILL	408,779	146,002	554,781
SMURFIT-STONE CONTAINER LANDFILL	0	63,716	63,716
SOUTH KENT LANDFILL	599,340	0	599,340
SOUTHEAST BERRIEN COUNTY LANDFILL	679,506	0	679,506
SPARTA FOUNDRY WASTE FACILITY	0	9,837	9,837

TABLE 6
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2009
(Volume in Cubic Yards)

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
ST MARYS CEMENT INC	0	31,097	31,097
STORA ENSO NORTH AMERICA NIAGARA MIL	0	654	654
TRI-CITY RECYCLING AND DISPOSAL FACILITY	115,885	52,163	168,048
VENICE PARK RECYCLING & DISPOSAL FACILITY	616,545	191,788	808,333
VEOLIA ES ARBOR HILLS LANDFILL INC	2,328,256	753,779	3,082,035
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	1,206,264	0	1,206,264
WE ENERGIES PRESQUE ISLE POWER PLANT	0	64,923	64,923
WESTSIDE RECYCLING & DISPOSAL FACILITY	670,819	272,125	942,944
WHITEFEATHER LANDFILL	241,635	96,129	337,764
WOOD ISLAND WASTE MANAGEMENT INC	163,510	9,516	173,026
WOODLAND MEADOWS RDF- VAN BUREN	2,107,596	623,248	2,730,844

**TABLE 7
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
PINE TREE ACRES INC	4,468,294	467,911	4,936,205
CARLETON FARMS LANDFILL	3,435,520	1,324,717	4,760,237
SAUK TRAIL HILLS LANDFILL	3,318,691	0	3,318,691
VEOLIA ES ARBOR HILLS LANDFILL INC	2,328,256	753,779	3,082,035
WOODLAND MEADOWS RDF- VAN BUREN	2,107,596	623,248	2,730,844
BRENT RUN LANDFILL	1,988,482	538,154	2,526,636
C & C EXPANDED SANITARY LANDFILL	1,338,061	0	1,338,061
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	1,206,264	0	1,206,264
CITIZENS DISPOSAL INC	1,205,320	0	1,205,320
OAKLAND HEIGHTS DEVELOPMENT INC	1,014,171	0	1,014,171
RIVERVIEW LAND PRESERVE	992,348	776,718	1,769,066
GRANGER WOOD STREET LANDFILL	907,406	0	907,406
FOREST LAWN LANDFILL INC	768,782	393,654	1,162,436
SOUTHEAST BERRIEN COUNTY LANDFILL	679,506	0	679,506
WESTSIDE RECYCLING & DISPOSAL FACILITY	670,819	272,125	942,944
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	658,783	393,813	1,052,596
VENICE PARK RECYCLING & DISPOSAL FACILITY	616,545	191,788	808,333
SOUTH KENT LANDFILL	599,340	0	599,340
OTTAWA COUNTY FARMS LANDFILL	593,627	360,427	954,054
ORCHARD HILL SANITARY LANDFILL	559,371	0	559,371
CENTRAL SANITARY LANDFILL	545,433	27,510	572,943
PEOPLES LANDFILL INC	523,904	105,794	629,698
RICHFIELD LANDFILL INC	474,789	0	474,789
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	440,977	62,299	503,276
ADRIAN LANDFILL INC	415,568	0	415,568
SMITHS CREEK LANDFILL	408,779	146,002	554,781

TABLE 7
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2009
(Volume in Cubic Yards)

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
GRANGER GRAND RIVER LANDFILL	395,699	0	395,699
COVE LANDFILL	308,047	0	308,047
CITY ENVIRONMENTAL SERVICES INC OF WATERS	301,760	135,537	437,297
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	255,399	98,345	353,744
WHITEFEATHER LANDFILL	241,635	96,129	337,764
CITY OF MIDLAND SANITARY LANDFILL	236,826	200,310	437,136
GLENS SANITARY LANDFILL	227,379	40,305	267,684
K & W LANDFILL	210,866	6,127	216,993
MICHIGAN ENVIRONS INC	179,894	99,795	279,689
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	171,661	47,764	219,425
WOOD ISLAND WASTE MANAGEMENT INC	163,510	9,516	173,026
MANISTEE COUNTY LANDFILL INC	159,525	352,634	512,159
MONTMORENCY-OSCODA- ALPENA SWMA	158,475	18,583	177,058
MARQUETTE COUNTY LANDFILL	158,278	0	158,278
DAFTER SANITARY LANDFILL	122,397	4,466	126,863
ELK RUN LANDFILL	117,384	24,890	142,274
TRI-CITY RECYCLING AND DISPOSAL FACILITY	115,885	52,163	168,048
CITY ENVIRONMENTAL SERVICES LF OF HASTINGS	102,508	17,352	119,860
COUNTY OF WEXFORD LANDFILL	94,928	30,875	125,803
MCGILL ROAD LANDFILL	78,333	48,152	126,485
DELTA COUNTY LANDFILL	73,525	32,584	106,109
PITSCH SANITARY LANDFILL	33,554	178,022	211,576
OSCEOLA DEVELOPMENT LLC LANDFILL	19,524	7,426	26,950

**TABLE 8
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
CARLETON FARMS LANDFILL	3,435,520	1,324,717	4,760,237
ALLIED WASTE INDUSTRIES ROCKWOOD LANDFILL	0	837,096	837,096
RIVERVIEW LAND PRESERVE	992,348	776,718	1,769,066
VEOLIA ES ARBOR HILLS LANDFILL INC	2,328,256	753,779	3,082,035
WOODLAND MEADOWS RDF- VAN BUREN	2,107,596	623,248	2,730,844
BRENT RUN LANDFILL	1,988,482	538,154	2,526,636
MONROE POWER PLANT	0	507,351	507,351
PINE TREE ACRES INC	4,468,294	467,911	4,936,205
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	658,783	393,813	1,052,596
FOREST LAWN LANDFILL INC	768,782	393,654	1,162,436
DETROIT EDISON CO RANGE RD ASH DISPOSAL	0	385,621	385,621
OTTAWA COUNTY FARMS LANDFILL	593,627	360,427	954,054
MANISTEE COUNTY LANDFILL INC	159,525	352,634	512,159
DETROIT EDISON CO SIBLEY QUARRY	0	318,126	318,126
LAFARGE MIDWEST INC	0	276,418	276,418
WESTSIDE RECYCLING & DISPOSAL FACILITY	670,819	272,125	942,944
CONSUMERS ENERGY CO J H CAMPBELL COMPLEX	0	251,900	251,900
EDWARD C LEVY CO LANDFILL	0	204,347	204,347
CITY OF MIDLAND SANITARY LANDFILL	236,826	200,310	437,136
VENICE PARK RECYCLING & DISPOSAL FACILITY	616,545	191,788	808,333
PITSCH SANITARY LANDFILL	33,554	178,022	211,576
MANISTIQUE PAPERS INC	0	166,063	166,063
SMITHS CREEK LANDFILL	408,779	146,002	554,781
CITY ENVIRONMENTAL SERVICES INC OF WATERS	301,760	135,537	437,297
CMP QUINNESEC LLC	0	123,726	123,726

**TABLE 8
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
LIBERTY ENVIRONMENTALISTS LANDFILL	0	116,186	116,186
PEOPLES LANDFILL INC	523,904	105,794	629,698
MICHIGAN ENVIRONS INC	179,894	99,795	279,689
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	255,399	98,345	353,744
WHITEFEATHER LANDFILL	241,635	96,129	337,764
ESCANABA PAPER COMPANY	0	77,550	77,550
CONSUMERS ENERGY COMPANY DE KARN	0	31,235	31,235
WE ENERGIES PRESQUE ISLE POWER PLANT	0	64,923	64,923
SMURFIT-STONE CONTAINER LANDFILL	0	63,716	63,716
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	440,977	62,299	503,276
JC WEADOCK	0	99,582	99,582
TRI-CITY RECYCLING AND DISPOSAL FACILITY	115,885	52,163	168,048
MCGILL ROAD LANDFILL	78,333	48,152	126,485
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	171,661	47,764	219,425
GLENS SANITARY LANDFILL	227,379	40,305	267,684
KALAMAZOO VALLEY GROUP LOW HAZARD TYPE III	0	40,012	40,012
J R WHITING ELECTRIC GENERATING STATION	0	33,467	33,467
DELTA COUNTY LANDFILL	73,525	32,584	106,109
ST MARYS CEMENT INC	0	31,097	31,097
COUNTY OF WEXFORD LANDFILL	94,928	30,875	125,803
CENTRAL SANITARY LANDFILL	545,433	27,510	572,943
GREAT LAKES PULP COMPANY TYPE III LANDFILL	0	25,159	25,159
ELK RUN LANDFILL	117,384	24,890	142,274
MATLIN ROAD LANDFILL	0	20,031	20,031
MONTMORENCY-OSCODA- ALPENA SWMA	158,475	18,583	177,058
CITY ENVIRONMENTAL SERVICES LF OF HASTINGS	102,508	17,352	119,860
CITY OF LIVONIA LANDFILL	0	12,396	12,396

TABLE 8
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2009
(Volume in Cubic Yards)

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
SPARTA FOUNDRY WASTE FACILITY	0	9,837	9,837
WOOD ISLAND WASTE MANAGEMENT INC	163,510	9,516	173,026
OSCEOLA DEVELOPMENT LLC LANDFILL	19,524	7,426	26,950
K & W LANDFILL	210,866	6,127	216,993
GMC SAGINAW METAL CASTING	0	5,553	5,553
DAFTER SANITARY LANDFILL	122,397	4,466	126,863
HOLCIM US INC DUNDEE PLANT	0	3,067	3,067
STORA ENSO NORTH AMERICA NIAGARA MIL	0	654	654
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL	0	30	30

**TABLE 9
IW - MIXED WASTE DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW - MIXED DISPOSED	TOTAL WASTE DISPOSED
MANISTIQUE PAPERS INC	0	166,063	166,063
CMP QUINNESEC LLC	0	123,726	123,726
ESCANABA PAPER COMPANY	0	77,550	77,550
SMURFIT-STONE CONTAINER LANDFILL	0	63,716	63,716

**TABLE 10
IW - SEGREGATED WASTE DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW - SEGREGATED DISPOSED	TOTAL WASTE DISPOSED
MONROE POWER PLANT	0	507,351	507,351
DETROIT EDISON CO RANGE RD ASH DISPOSAL	0	385,621	385,621
LAFARGE MIDWEST INC	0	276,418	276,418
CONSUMERS ENERGY CO J H CAMPBELL COMPLEX	0	251,900	251,900
CONSUMERS ENERGY COMPANY DE KARN	0	31,235	31,235
WE ENERGIES PRESQUE ISLE POWER PLANT	0	64,923	64,923
JC WEADOCK	0	99,582	99,582
KALAMAZOO VALLEY GROUP LOW HAZARD TYPE III	0	40,012	40,012
J R WHITING ELECTRIC GENERATING STATION	0	33,467	33,467
ST MARYS CEMENT INC	0	31,097	31,097
GREAT LAKES PULP COMPANY TYPE III LANDFILL	0	25,159	25,159
SPARTA FOUNDRY WASTE FACILITY	0	9,837	9,837
HOLCIM US INC DUNDEE PLANT	0	3,067	3,067
STORA ENSO NORTH AMERICA NIAGARA MIL	0	654	654
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL	0	30	30

CAPACITY INFORMATION

As defined in Section 11507a(1) of Part 115, as amended by 2004 PA 39, "Remaining disposal capacity shall be calculated as the permitted capacity less waste in place for any area that has been constructed and is not yet closed plus the permitted capacity for each area that has a permit for construction under this part but has not yet been constructed." Table 11 presents projected remaining noncaptive disposal capacity, capacity used during the fiscal year, estimated years of remaining capacity (rounded to the nearest year) as reported by each facility and a DEQ-calculated estimate of years of capacity, for each noncaptive facility, alphabetically. The data presented in Column (C) for each facility are based on site-specific calculations, which may vary among facilities. The data representing capacity used in FY 2009 and estimated years remaining, as calculated by each facility, are presented for informational purposes only. It should also be noted that the amount of waste received at each facility may differ from the capacity used during the fiscal year depending on the type of waste disposed of and the degree of compaction.

The DEQ used a simplistic formula to calculate estimated years of remaining capacity for each facility, using the data provided by each facility: $\text{Column (A)} \div \text{Column (B)} = \text{Column (D)}$. Although, in some cases, the facility-projected years of remaining capacity in Column (C) equals the calculated capacity in Column (D), it must be noted that each facility may have used a different formula to calculate their projected years of remaining capacity and, therefore, may differ from the calculations presented in Column (D).

**TABLE 11
FACILITY CAPACITY AND YEARS REMAINING FOR
NONCAPTIVE FACILITIES - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	(A) REMAINING CAPACITY	(B) CAPACITY USED IN FY 2009	(C) PROJECTED YEARS OF REMAINING CAPACITY	(D) CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
ADRIAN LANDFILL INC	2,780,878	154,815	19	18
ALLIED WASTE INDUSTRIES ROCKWOOD LANDFILL	15,294,000	357,000	42	43
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	11,409,714	476,286	23	24
BRENT RUN LANDFILL	6,750,574	1,122,948	6	6
C & C EXPANDED SANITARY LANDFILL	4,699,185	330,060	13	14
CARLETON FARMS LANDFILL	50,944,849	2,145,667	24	24
CENTRAL SANITARY LANDFILL	10,648,219	139,747	45	76
CITIZENS DISPOSAL INC	9,118,000	495,000	18	18
CITY ENVIRONMENTAL SERVICES INC OF WATERS	16,403,362	218,650	75	75
CITY ENVIRONMENTAL SERVICES LF OF HASTINGS	2,422,003	59,249	49	41
CITY OF MIDLAND SANITARY LANDFILL	8,501,967	145,712	55	58
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	1,822,400	129,500	13	14
COUNTY OF WEXFORD LANDFILL	5,232,017	66,211	79	79
COVE LANDFILL	92,836	102,682	1	1
DAFTER SANITARY LANDFILL	3,816,890	50,760	68	75
DELTA COUNTY LANDFILL	149,000	49,400	2	3
DETROIT EDISON CO SIBLEY QUARRY	19,414,843	318,126	68	61
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	2,158,000	187,000	10	12
EDWARD C LEVY CO LANDFILL	954,000	131,700	7	7
ELK RUN LANDFILL	2,386,568	85,497	28	28
FOREST LAWN LANDFILL INC	1,657,287	243,977	5	7
GLENS SANITARY LANDFILL	18,475,635	140,886	131	131
GRANGER GRAND RIVER LANDFILL	6,296,309	197,848	32	32
GRANGER WOOD STREET LANDFILL	22,434,271	453,703	49	49
K & W LANDFILL	2,393,540	73,980	23	32
LIBERTY ENVIRONMENTALISTS LANDFILL	570,000	66,355	4	9
MANISTEE COUNTY LANDFILL INC	10,426,845	162,247	34	64
MARQUETTE COUNTY LANDFILL	1,200,000	100,000	13	12
MATLIN ROAD LANDFILL	700,724	20,031	21	35

**TABLE 11
FACILITY CAPACITY AND YEARS REMAINING FOR
NONCAPTIVE FACILITIES - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	(A) REMAINING CAPACITY	(B) CAPACITY USED IN FY 2009	(C) PROJECTED YEARS OF REMAINING CAPACITY	(D) CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
MCGILL ROAD LANDFILL	1,310,500	61,900	16	21
MICHIGAN ENVIRONS INC	3,318,500	111,300	20	30
MONTMORENCY-OSCODA-ALPENA SWMA	288,000	103,000	2	3
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	8,010,405	176,873	45	45
OAKLAND HEIGHTS DEVELOPMENT INC	3,767,300	303,200	12	12
ORCHARD HILL SANITARY LANDFILL	18,677,895	233,071	80	80
OSCEOLA DEVELOPMENT LLC LANDFILL	1,897,039	13,475	20	141
OTTAWA COUNTY FARMS LANDFILL	6,780,467	501,440	14	14
PEOPLES LANDFILL INC	7,300,000	285,000	30	26
PINE TREE ACRES INC	24,424,000	1,460,000	12	17
PITSCH SANITARY LANDFILL	2,846,253	211,577	20	13
RICHFIELD LANDFILL INC	1,062,468	158,263	7	7
RIVERVIEW LAND PRESERVE	16,225,951	647,097	25	25
SAUK TRAIL HILLS LANDFILL	11,246,400	1,103,600	10	10
SMITHS CREEK LANDFILL	6,213,959	198,084	17	31
SOUTH KENT LANDFILL	6,651,601	307,576	16	22
SOUTHEAST BERRIEN COUNTY LANDFILL	1,602,705	210,373	8	8
TRI-CITY RECYCLING AND DISPOSAL FACILITY	9,461,290	74,117	113	128
VENICE PARK RECYCLING & DISPOSAL FACILITY	9,771,359	350,860	16	28
VEOLIA ES ARBOR HILLS LANDFILL INC	15,474,200	1,630,350	10	9
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	4,425,000	625,000	7	7
WESTSIDE RECYCLING & DISPOSAL FACILITY	39,296,651	442,507	91	89
WHITEFEATHER LANDFILL	3,122,659	162,623	19	19
WOOD ISLAND WASTE MANAGEMENT INC	134,608	70,764	1	2
WOODLAND MEADOWS RDF-VAN BUREN	24,261,000	1,148,000	18	21
TOTAL	466,724,126	18,815,087		

Based on current capacity used for FY 2009 (18,815,087 cubic yards) and total remaining capacity at noncaptive facilities (466,724,126 cubic yards), which may include additional capacity permitted³ during the fiscal year and using the same calculation for deriving the values in Column (D), it is estimated that Michigan noncaptive landfills have approximately 25 years of remaining disposal capacity left. This estimate does not take into consideration any projected increase or decrease in waste disposal rates, waste diversion programs, or any county-imposed restrictions such as volume limitations, any special conditions, or the waste import/export authorizations of each county.

Table 12 below presents estimated remaining captive disposal capacity, capacity used during the fiscal year, estimated years of remaining capacity (rounded to the nearest year) as reported by each facility and a DEQ-calculated estimate of years of capacity for each captive facility, alphabetically. As stated above, this data was provided by each facility based on site-specific calculations, which may vary among facilities.

The DEQ used the same simplistic formula described above [Column (A) divided by Column (B) equals Column (D)] to calculate estimated years of remaining capacity for each facility. Again, although in some cases the projected years of remaining capacity in Column (C) equals the calculated capacity in Column (D), it must be noted that each facility may have used a different formula to calculate their projected years of remaining capacity and, therefore, may differ from the calculations presented in Column (D).

³ Construction permits were issued to the following landfills and were reflected in their Waste Receipt Report Forms; these permits increased or decreased their disposal capacities and have been reflected in this report: Citizens Disposal Inc., County of Wexford Landfill, Delta County Landfill, Marquette County Landfill, Oakland Heights Development Inc., Richfield Landfill Inc., and Whitefeather Landfill.

**TABLE 12
FACILITY CAPACITY AND YEARS REMAINING FOR
CAPTIVE FACILITIES - FY 2009
(Volume in Cubic Yards)**

FACILITY NAME	(A) REMAINING CAPACITY	(B) CAPACITY USED IN FY 2009	(C) PROJECTED YEARS OF REMAINING CAPACITY	(D) CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
CITY OF LIVONIA LANDFILL	14,793	5,054	3	3
CMP QUINNESEC LLC	2,471,677	123,726	20	20
CONSUMERS ENERGY CO J H CAMPBELL COMPLEX	6,773,225	251,900	35	27
CONSUMERS ENERGY COMPANY DE KARN	861,628	74,328	7	12
DETROIT EDISON CO RANGE RD ASH DISPOSAL	17,614,379	385,621	46	46
ESCANABA PAPER COMPANY	5,301,850	77,550	68	68
GMC SAGINAW METAL CASTING	5,571,580	5,553	100	1,003
GREAT LAKES PULP COMPANY TYPE III LANDFILL	37,517	25,159	1	1
HOLCIM US INC DUNDEE PLANT	1,242,970	3,067	34	405
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL	717,616	90	75	7,974
J R WHITING ELECTRIC GENERATING STATION	354,461	33,467	5	11
JC WEADOCK	9,909,027	56,488	130	175
KALAMAZOO VALLEY GROUP LOW HAZARD TYPE III	7,429,578	40,012	174	186
LAFARGE MIDWEST INC	4,797,528	276,418	14	17
MANISTIQUE PAPERS INC	9,835,915	100,524	98	98
MONROE POWER PLANT	6,492,649	507,351	13	13
SMURFIT-STONE CONTAINER LANDFILL	2,547,810	63,716	27	40
SPARTA FOUNDRY WASTE FACILITY	112,500	9,837	11	11
ST MARYS CEMENT INC	591,750	31,097	19	19
STORA ENSO NORTH AMERICA NIAGARA MIL	441,819	537	40	823
WE ENERGIES PRESQUE ISLE POWER PLANT	2,106,099	64,923	19	32
TOTAL	85,226,371	2,136,418		

APPENDIX – LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

The Appendix of this report lists alphabetically 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.

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

ADRIAN LANDFILL INC (LENAWEE COUNTY)		
ORIGIN	MCW	IW AND C&D
CONNECTICUT	1,830	
HILLSDALE COUNTY	33,660	
HURON COUNTY	1,834	
JACKSON COUNTY	1,665	
LENAWEE COUNTY	228,567	
LIVINGSTON COUNTY	90	
MASSACHUSETTS	266	
MONROE COUNTY	2,050	
NEW JERSEY	47,259	
PENNSYLVANIA	910	
WASHTENAW COUNTY	82,685	
WAYNE COUNTY	14,752	

ALLIED WASTE INDUSTRIES ROCKWOOD LANDFILL (MONROE COUNTY)		
ORIGIN	MCW	IW AND C&D
CANADA		41,693
CONNECTICUT		3,250
MASSACHUSETTS		1,060
MONROE COUNTY		30,773
NEW JERSEY		505,478
NEW YORK		42,950
OAKLAND COUNTY		1,575
OHIO		118,914
PENNSYLVANIA		40
WAYNE COUNTY		91,363

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY (OTTAWA COUNTY)		
ORIGIN	MCW	IW AND C&D
ALLEGAN COUNTY	133,794	18,554
BARRY COUNTY	72	82
BERRIEN COUNTY	20	4,526
BRANCH COUNTY		2
CALHOUN COUNTY		7,854
CASS COUNTY		95
EATON COUNTY	12	344
IONIA COUNTY	11,571	619
ISABELLA COUNTY		29
KALAMAZOO COUNTY	89	31,247
KENT COUNTY	116,046	122,140
MASON COUNTY	6,210	36
MECOSTA COUNTY	105	104
MONTCALM COUNTY	15,741	8,557
MUSKEGON COUNTY	60,228	44,773
NEWAYGO COUNTY		591
OCEANA COUNTY		107
OTTAWA COUNTY	314,874	151,861
VAN BUREN COUNTY	21	2,292

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

BRENT RUN LANDFILL (GENESEE COUNTY)		
ORIGIN	MCW	IW AND C&D
BAY COUNTY	1,868	11,665
CALHOUN COUNTY		37
CANADA	1,845,655	135,185
CLINTON COUNTY	3,016	376
EATON COUNTY		193
GENESEE COUNTY	84,848	143,164
GRATIOT COUNTY	1,210	6,745
INGHAM COUNTY		170
LAPEER COUNTY	46	2,909
LIVINGSTON COUNTY	5,955	140
OAKLAND COUNTY		131
SAGINAW COUNTY	37,471	184,728
SHIAWASSEE COUNTY	3,117	4,382
TUSCOLA COUNTY	5,296	11,179
WAYNE COUNTY		37,150

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

C & C EXPANDED SANITARY LANDFILL (CALHOUN COUNTY)		
ORIGIN	MCW	IW AND C&D
ALLEGAN COUNTY	14,324	
BARRY COUNTY	1,661	
BRANCH COUNTY	194,966	
CALHOUN COUNTY	407,186	
CASS COUNTY	162	
CLINTON COUNTY	2,748	
EATON COUNTY	109,334	
HILLSDALE COUNTY	47,903	
INDIANA	60	
INGHAM COUNTY	70,124	
JACKSON COUNTY	110	
KALAMAZOO COUNTY	486,735	
ST JOSEPH COUNTY	2,400	
VAN BUREN COUNTY	93	
WAYNE COUNTY	255	

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

CARLETON FARMS LANDFILL (WAYNE COUNTY)		
ORIGIN	MCW	IW AND C&D
CANADA	2,440,864	49,002
CLINTON COUNTY		40
CONNECTICUT	165	625
EATON COUNTY	84	
FLORIDA		5,800
GRAND TRAVERSE COUNTY	55	
GRATIOT COUNTY	704	
LENAWEE COUNTY	88	139
LIVINGSTON COUNTY	630	835
MACOMB COUNTY	360	3,122
MARYLAND	7,950	30,228
MASSACHUSETTS	2,080	80
MONROE COUNTY	374,832	49,185
NEW JERSEY	20,878	357,966
NEW YORK	5,840	19,023
OAKLAND COUNTY	3,680	1,809
OHIO		237,784
PENNSYLVANIA	1,210	4,740
TUSCOLA COUNTY		40
VAN BUREN COUNTY		3
WASHTENAW COUNTY	18,232	7,224
WAYNE COUNTY	557,868	557,072

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

CENTRAL SANITARY LANDFILL (MONTCALM COUNTY)		
ORIGIN	MCW	IW AND C&D
EATON COUNTY	1	
GRAND TRAVERSE COUNTY		38
GRATIOT COUNTY	10,599	
IONIA COUNTY	22,123	26
ISABELLA COUNTY	13,953	
KENT COUNTY	323,326	13,047
LAKE COUNTY	71	
MECOSTA COUNTY	49,906	1,236
MONTCALM COUNTY	47,129	11,887
NEWAYGO COUNTY	74,720	1,276
OSCEOLA COUNTY	3,605	

CITIZENS DISPOSAL INC (GENESEE COUNTY)		
ORIGIN	MCW	IW AND C&D
BAY COUNTY	1,148	
CALHOUN COUNTY	112	
CANADA	352,514	
GENESEE COUNTY	793,299	
INGHAM COUNTY	84	
LAPEER COUNTY	7,506	
LIVINGSTON COUNTY	20,731	
MACOMB COUNTY	123	
OAKLAND COUNTY	8,960	
SAGINAW COUNTY	9,041	
SHIAWASSEE COUNTY	5,648	
TUSCOLA COUNTY	127	
WASHTENAW COUNTY	132	
WAYNE COUNTY	5,895	

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

CITY ENVIRONMENTAL SERVICES INC OF WATERS (CRAWFORD COUNTY)		
ORIGIN	MCW	IW AND C&D
ALCONA COUNTY		1,392
ALPENA COUNTY	824	4,610
ANTRIM COUNTY	4,965	5,651
CHARLEVOIX COUNTY	26,989	33,839
CHEBOYGAN COUNTY	30,676	4,520
CHIPPEWA COUNTY		1
CRAWFORD COUNTY	25,049	29,830
EMMET COUNTY	10	17,060
GRAND TRAVERSE COUNTY	292	3
IOSCO COUNTY	86,228	85
KALKASKA COUNTY	69,633	8,473
MACKINAC COUNTY		266
MONTMORENCY COUNTY		30
OGEMAW COUNTY	126	3
OSCODA COUNTY		165
OTSEGO COUNTY	47,643	27,074
PRESQUE ISLE COUNTY	1,838	866
ROSCOMMON COUNTY	7,487	1,669

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

CITY ENVIRONMENTAL SERVICES LF OF HASTINGS (BARRY COUNTY)		
ORIGIN	MCW	IW AND C&D
ALLEGAN COUNTY	3,191	100
BARRY COUNTY	41,999	10,704
CALHOUN COUNTY	606	312
CLINTON COUNTY	111	285
EATON COUNTY	15,912	338
HILLSDALE COUNTY		20
INGHAM COUNTY	139	16
IONIA COUNTY	25,249	4,365
KENT COUNTY	15,301	1,212

CITY OF LIVONIA LANDFILL (WAYNE COUNTY)		
ORIGIN	MCW	IW AND C&D
WAYNE COUNTY		12,396

CITY OF MIDLAND SANITARY LANDFILL (MIDLAND COUNTY)		
ORIGIN	MCW	IW AND C&D
BAY COUNTY		6,615
MIDLAND COUNTY	236,826	193,695

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

CMP QUINNESEC LLC (DICKINSON COUNTY)		
ORIGIN	MCW	IW AND C&D
DICKINSON COUNTY		123,726

CONSUMERS ENERGY CO J H CAMPBELL COMPLEX (OTTAWA COUNTY)		
ORIGIN	MCW	IW AND C&D
OTTAWA COUNTY		251,900

CONSUMERS ENERGY COMPANY DE KARN (BAY COUNTY)		
ORIGIN	MCW	IW AND C&D
BAY COUNTY		31,235

COUNTY OF MUSKEGON - SOLID WASTE LANDFILL (MUSKEGON COUNTY)		
ORIGIN	MCW	IW AND C&D
LAKE COUNTY	389	
MUSKEGON COUNTY	151,447	36,318
NEWAYGO COUNTY	18,128	
OCEANA COUNTY		3,499
OTTAWA COUNTY	1,697	7,947

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

COUNTY OF WEXFORD LANDFILL (WEXFORD COUNTY)		
ORIGIN	MCW	IW AND C&D
MISSAUKEE COUNTY	20,132	3,367
WEXFORD COUNTY	74,796	27,508

COVE LANDFILL (HURON COUNTY)		
ORIGIN	MCW	IW AND C&D
CANADA	48,418	
HURON COUNTY	165,758	
LAPEER COUNTY	25,475	
SANILAC COUNTY	24,364	
TUSCOLA COUNTY	44,032	

DAFTER SANITARY LANDFILL (CHIPPEWA COUNTY)		
ORIGIN	MCW	IW AND C&D
ALGER COUNTY		1
CANADA	11,304	
CHIPPEWA COUNTY	77,381	2,727
LUCE COUNTY	13,517	624
MACKINAC COUNTY	20,165	1,114
SCHOOLCRAFT COUNTY	30	

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

DELTA COUNTY LANDFILL (DELTA COUNTY)		
ORIGIN	MCW	IW AND C&D
DELTA COUNTY	73,525	11,669
HOUGHTON COUNTY		36
MENOMINEE COUNTY		20,879

DETROIT EDISON CO RANGE RD ASH DISPOSAL (ST CLAIR COUNTY)		
ORIGIN	MCW	IW AND C&D
HURON COUNTY		5,603
ST CLAIR COUNTY		380,018

DETROIT EDISON CO SIBLEY QUARRY (WAYNE COUNTY)		
ORIGIN	MCW	IW AND C&D
MONROE COUNTY		27,799
WAYNE COUNTY		290,327

EAGLE VALLEY RECYCLE & DISPOSAL FACILITY (OAKLAND COUNTY)		
ORIGIN	MCW	IW AND C&D
LAPEER COUNTY	5,665	
MACOMB COUNTY	36,082	123
OAKLAND COUNTY	399,140	62,176
WAYNE COUNTY	90	

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

EDWARD C LEVY CO LANDFILL (WAYNE COUNTY)		
ORIGIN	MCW	IW AND C&D
WAYNE COUNTY		204,347

ELK RUN LANDFILL (PRESQUE ISLE COUNTY)		
ORIGIN	MCW	IW AND C&D
CHARLEVOIX COUNTY	167	444
CHEBOYGAN COUNTY	16,563	13,682
CHIPPEWA COUNTY		50
EMMET COUNTY	95,016	4,211
KALKASKA COUNTY		60
MACKINAC COUNTY		1,237
PRESQUE ISLE COUNTY	5,638	5,206

ESCANABA PAPER COMPANY (DELTA COUNTY)		
ORIGIN	MCW	IW AND C&D
DELTA COUNTY		77,550

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

FOREST LAWN LANDFILL INC (BERRIEN COUNTY)		
ORIGIN	MCW	IW AND C&D
BERRIEN COUNTY	200,043	15,375
CASS COUNTY	32	300
ILLINOIS	277,782	131,648
INDIANA	219,473	245,615
KALAMAZOO COUNTY	9,885	
ST JOSEPH COUNTY		490
VAN BUREN COUNTY	61,567	226

GLENS SANITARY LANDFILL (LEELANAU COUNTY)		
ORIGIN	MCW	IW AND C&D
ANTRIM COUNTY	9,822	1,124
BENZIE COUNTY	1,694	1,647
GRAND TRAVERSE COUNTY	86,131	20,629
KALKASKA COUNTY	129	1,616
LEELANAU COUNTY	129,603	14,770
MANISTEE COUNTY		519

GMC SAGINAW METAL CASTING (SAGINAW COUNTY)		
ORIGIN	MCW	IW AND C&D
SAGINAW COUNTY		5,553

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

GRANGER GRAND RIVER LANDFILL (CLINTON COUNTY)		
ORIGIN	MCW	IW AND C&D
ALLEGAN COUNTY	51	
BARRY COUNTY	1,486	
CALHOUN COUNTY	65	
CLINTON COUNTY	27,643	
EATON COUNTY	140,979	
GENESEE COUNTY	2	
GRATIOT COUNTY	316	
INGHAM COUNTY	200,091	
IONIA COUNTY	21,543	
ISABELLA COUNTY	8	
JACKSON COUNTY	7	
KALAMAZOO COUNTY	10	
LIVINGSTON COUNTY	366	
MONTCALM COUNTY	6	
SAGINAW COUNTY	9	
SHIAWASSEE COUNTY	474	
WASHTENAW COUNTY	7	
WAYNE COUNTY	2,636	

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

GRANGER WOOD STREET LANDFILL (CLINTON COUNTY)		
ORIGIN	MCW	IW AND C&D
ALLEGAN COUNTY	44	
BARRY COUNTY	84	
BRANCH COUNTY	3	
CALHOUN COUNTY	50	
CLINTON COUNTY	83,324	
EATON COUNTY	54,995	
GENESEE COUNTY	42	
GRATIOT COUNTY	2,000	
INGHAM COUNTY	700,539	
IONIA COUNTY	5,623	
JACKSON COUNTY	94	
LENAWEE COUNTY	3	
LIVINGSTON COUNTY	32,353	
MONTCALM COUNTY	1	
OAKLAND COUNTY	31	
SHIAWASSEE COUNTY	16,199	
WASHTENAW COUNTY	145	
WAYNE COUNTY	11,876	

GREAT LAKES PULP COMPANY TYPE III LANDFILL (MENOMINEE COUNTY)		
ORIGIN	MCW	IW AND C&D
MENOMINEE COUNTY		25,159

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

HOLCIM US INC DUNDEE PLANT (MONROE COUNTY)		
ORIGIN	MCW	IW AND C&D
MONROE COUNTY		3,067

HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL (OTTAWA COUNTY)		
ORIGIN	MCW	IW AND C&D
OTTAWA COUNTY		30

J R WHITING ELECTRIC GENERATING STATION (MONROE COUNTY)		
ORIGIN	MCW	IW AND C&D
MONROE COUNTY		33,467

JC WEADOCK (BAY COUNTY)		
ORIGIN	MCW	IW AND C&D
BAY COUNTY		99,582

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

K & W LANDFILL (ONTONAGON COUNTY)		
ORIGIN	MCW	IW AND C&D
BARAGA COUNTY	16,807	3,699
GOGEBIC COUNTY	35,640	218
HOUGHTON COUNTY	65,167	602
IRON COUNTY	17,918	576
KEWEENAW COUNTY	3,377	26
MINNESOTA		37
ONTONAGON COUNTY	13,554	873
WISCONSIN	58,403	96

KALAMAZOO VALLEY GROUP LOW HAZARD TYPE III (KALAMAZOO COUNTY)		
ORIGIN	MCW	IW AND C&D
KALAMAZOO COUNTY		40,012

LAFARGE MIDWEST INC (ALPENA COUNTY)		
ORIGIN	MCW	IW AND C&D
ALPENA COUNTY		276,418

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

LIBERTY ENVIRONMENTALISTS LANDFILL (JACKSON COUNTY)		
ORIGIN	MCW	IW AND C&D
BRANCH COUNTY		244
CALHOUN COUNTY		2,328
EATON COUNTY		2,899
HILLSDALE COUNTY		5,305
INGHAM COUNTY		2,816
JACKSON COUNTY		76,349
LENAWEE COUNTY		10,635
LIVINGSTON COUNTY		36
OHIO		360
WASHTENAW COUNTY		2,001
WAYNE COUNTY		13,213

MANISTEE COUNTY LANDFILL INC (MANISTEE COUNTY)		
ORIGIN	MCW	IW AND C&D
BENZIE COUNTY	16,558	9,917
GRAND TRAVERSE COUNTY	24,967	402
LAKE COUNTY	8,617	632
MANISTEE COUNTY	53,934	323,946
MASON COUNTY	55,449	17,737

MANISTIQUE PAPERS INC (SCHOOLCRAFT COUNTY)		
ORIGIN	MCW	IW AND C&D
SCHOOLCRAFT COUNTY		166,063

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

MARQUETTE COUNTY LANDFILL (MARQUETTE COUNTY)		
ORIGIN	MCW	IW AND C&D
MARQUETTE COUNTY	158,278	

MATLIN ROAD LANDFILL (MONROE COUNTY)		
ORIGIN	MCW	IW AND C&D
MONROE COUNTY		1,765
OAKLAND COUNTY		90
WASHTENAW COUNTY		1,591
WAYNE COUNTY		16,585

MCGILL ROAD LANDFILL (JACKSON COUNTY)		
ORIGIN	MCW	IW AND C&D
JACKSON COUNTY	78,333	48,152

MICHIGAN ENVIRONS INC (MENOMINEE COUNTY)		
ORIGIN	MCW	IW AND C&D
DICKINSON COUNTY		2,327
MENOMINEE COUNTY	31,273	49,676
SCHOOLCRAFT COUNTY		6,872
WISCONSIN	148,621	40,920

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

MONROE POWER PLANT (MONROE COUNTY)		
ORIGIN	MCW	IW AND C&D
MONROE COUNTY		507,351

MONTMORENCY-OSCODA-ALPENA SWMA (MONTMORENCY COUNTY)		
ORIGIN	MCW	IW AND C&D
ALCONA COUNTY	662	11
ALPENA COUNTY	84,811	3,479
CHEBOYGAN COUNTY	2,795	
CRAWFORD COUNTY	81	
IOSCO COUNTY	8	
MONTMORENCY COUNTY	29,284	11,349
OGEMAW COUNTY	11	
OSCODA COUNTY	18,544	
OTSEGO COUNTY	14,264	3,744
PRESQUE ISLE COUNTY	7,968	
ROSCOMMON COUNTY	47	

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY (CLARE COUNTY)		
ORIGIN	MCW	IW AND C&D
ALCONA COUNTY		5,161
ARENAC COUNTY		110
CLARE COUNTY	48,983	26,679
GLADWIN COUNTY	23,353	7,562
GRATIOT COUNTY	21,432	12,522
IOSCO COUNTY	12	11
ISABELLA COUNTY	76,526	15,506
KALKASKA COUNTY		1,708
LAKE COUNTY	1,287	550
MECOSTA COUNTY	12,330	1,912
MISSAUKEE COUNTY	7,652	11,121
MONTCALM COUNTY	6	
OGEMAW COUNTY	7,452	57
OSCEOLA COUNTY	22,038	11,355
ROSCOMMON COUNTY	34,328	4,091

OAKLAND HEIGHTS DEVELOPMENT INC (OAKLAND COUNTY)		
ORIGIN	MCW	IW AND C&D
MACOMB COUNTY	74,213	
OAKLAND COUNTY	925,302	
WAYNE COUNTY	14,656	

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

ORCHARD HILL SANITARY LANDFILL (BERRIEN COUNTY)		
ORIGIN	MCW	IW AND C&D
ALLEGAN COUNTY	1,244	
BARRY COUNTY	101	
BERRIEN COUNTY	203,387	
BRANCH COUNTY	13	
CALHOUN COUNTY	157	
CASS COUNTY	20,977	
INDIANA	489	
KALAMAZOO COUNTY	228,375	
OTTAWA COUNTY	250	
ST JOSEPH COUNTY	82	
VAN BUREN COUNTY	104,296	

OSCEOLA DEVELOPMENT LLC LANDFILL (OSCEOLA COUNTY)		
ORIGIN	MCW	IW AND C&D
LAKE COUNTY	126	2,555
MECOSTA COUNTY	12,474	993
MISSAUKEE COUNTY	1,191	
OSCEOLA COUNTY	5,733	3,878

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

OTTAWA COUNTY FARMS LANDFILL (OTTAWA COUNTY)		
ORIGIN	MCW	IW AND C&D
ALLEGAN COUNTY	1,200	757
KALAMAZOO COUNTY	24	32,760
KENT COUNTY	148,092	147,241
MUSKEGON COUNTY	214,329	54,847
NEWAYGO COUNTY	196	4,066
OCEANA COUNTY	40,785	4,134
OTTAWA COUNTY	189,001	116,622

PEOPLES LANDFILL INC (SAGINAW COUNTY)		
ORIGIN	MCW	IW AND C&D
BAY COUNTY	126,135	27,201
CLINTON COUNTY	84	
GENESEE COUNTY	31,615	123
GRATIOT COUNTY	8,997	147
SAGINAW COUNTY	343,531	72,226
SHIAWASSEE COUNTY	165	84
TUSCOLA COUNTY	13,377	6,013

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

PINE TREE ACRES INC (MACOMB COUNTY)		
ORIGIN	MCW	IW AND C&D
CANADA	3,740,435	762
LAPEER COUNTY	1,737	6
MACOMB COUNTY	710,571	152,295
OAKLAND COUNTY	4,160	12,658
SANILAC COUNTY	3	
WASHTENAW COUNTY	2	
WAYNE COUNTY	11,386	302,190

PITSCH SANITARY LANDFILL (IONIA COUNTY)		
ORIGIN	MCW	IW AND C&D
BARRY COUNTY		793
CALHOUN COUNTY	360	3,930
CLINTON COUNTY	3	207
EATON COUNTY	5	32
INGHAM COUNTY		2,227
IONIA COUNTY	1,571	15,862
ISABELLA COUNTY	5,867	711
KALAMAZOO COUNTY		84
KENT COUNTY	630	127,926
MECOSTA COUNTY	6,805	1,516
MONTCALM COUNTY	18,313	21,694
MUSKEGON COUNTY		2,719
OSCEOLA COUNTY		201
OTTAWA COUNTY		3
ST JOSEPH COUNTY		90
VAN BUREN COUNTY		27

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

RICHFIELD LANDFILL INC (GENESEE COUNTY)		
ORIGIN	MCW	IW AND C&D
CANADA	60,471	
GENESEE COUNTY	201,066	
LAPEER COUNTY	94,344	
LIVINGSTON COUNTY	310	
OAKLAND COUNTY	110,289	
SAGINAW COUNTY	80	
SANILAC COUNTY	1,671	
SHIAWASSEE COUNTY	388	
TUSCOLA COUNTY	6,170	

RIVERVIEW LAND PRESERVE (WAYNE COUNTY)		
ORIGIN	MCW	IW AND C&D
CANADA	5,664	
GENESEE COUNTY		37
ILLINOIS		16
LIVINGSTON COUNTY	20	155
MACOMB COUNTY	28,148	31,690
MONROE COUNTY	442	1,643
OAKLAND COUNTY	743	6,296
WASHTENAW COUNTY	259	657
WAYNE COUNTY	957,072	736,224

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

SAUK TRAIL HILLS LANDFILL (WAYNE COUNTY)		
ORIGIN	MCW	IW AND C&D
CANADA	264,470	
JACKSON COUNTY	90	
LENAWEE COUNTY	290	
LIVINGSTON COUNTY	1,745	
MACOMB COUNTY	10,063	
MONROE COUNTY	10,539	
NEW YORK	75	
OAKLAND COUNTY	19,118	
OHIO	2,875	
WASHTENAW COUNTY	46,214	
WAYNE COUNTY	2,963,212	

SMITHS CREEK LANDFILL (ST CLAIR COUNTY)		
ORIGIN	MCW	IW AND C&D
ST CLAIR COUNTY	408,779	146,002

SMURFIT-STONE CONTAINER LANDFILL (ONTONAGON COUNTY)		
ORIGIN	MCW	IW AND C&D
ONTONAGON COUNTY		63,716

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

SOUTH KENT LANDFILL (KENT COUNTY)		
ORIGIN	MCW	IW AND C&D
ALLEGAN COUNTY	6,156	
KENT COUNTY	593,184	

SOUTHEAST BERRIEN COUNTY LANDFILL (BERRIEN COUNTY)		
ORIGIN	MCW	IW AND C&D
ALLEGAN COUNTY	5,143	
BERRIEN COUNTY	214,893	
CASS COUNTY	29,090	
INDIANA	402,139	
OTTAWA COUNTY	2,337	
ST JOSEPH COUNTY	25,844	
VAN BUREN COUNTY	60	

SPARTA FOUNDRY WASTE FACILITY (KENT COUNTY)		
ORIGIN	MCW	IW AND C&D
KENT COUNTY		9,837

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

ST MARYS CEMENT INC (CHARLEVOIX COUNTY)		
ORIGIN	MCW	IW AND C&D
CHARLEVOIX COUNTY		31,097

STORA ENSO NORTH AMERICA NIAGARA MIL (DICKINSON COUNTY)		
ORIGIN	MCW	IW AND C&D
WISCONSIN		654

TRI-CITY RECYCLING AND DISPOSAL FACILITY (SANILAC COUNTY)		
ORIGIN	MCW	IW AND C&D
HURON COUNTY	17,065	14,883
LAPEER COUNTY	32,724	1,095
SANILAC COUNTY	55,337	15,150
TUSCOLA COUNTY	10,759	21,035

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

VENICE PARK RECYCLING & DISPOSAL FACILITY (SHIAWASSEE COUNTY)		
ORIGIN	MCW	IW AND C&D
BAY COUNTY		60
CLINTON COUNTY	19,005	3,926
EATON COUNTY	5,209	3,027
GENESEE COUNTY	313,639	27,381
GRATIOT COUNTY	2,624	71
INGHAM COUNTY	70,144	18,174
IONIA COUNTY	1,131	737
LAPEER COUNTY	11,058	1,177
LIVINGSTON COUNTY	80,368	7,674
MACOMB COUNTY	7	23
MONTCALM COUNTY	5,028	10
OAKLAND COUNTY	472	89,143
OHIO		10
SAGINAW COUNTY	11,543	144
SHIAWASSEE COUNTY	96,305	35,235
WASHTENAW COUNTY		33
WAYNE COUNTY	12	4,963

VEOLIA ES ARBOR HILLS LANDFILL INC (WASHTENAW COUNTY)		
ORIGIN	MCW	IW AND C&D
CANADA	603	6,258
GENESEE COUNTY	65	2,686
INGHAM COUNTY		4,342
LIVINGSTON COUNTY	113,689	30,346
MACOMB COUNTY	294,420	45,322
MONROE COUNTY	152	203
OAKLAND COUNTY	1,337,003	219,828
WASHTENAW COUNTY	126,974	92,699
WAYNE COUNTY	455,350	352,095

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL (MONROE COUNTY)		
ORIGIN	MCW	IW AND C&D
LENAWEE COUNTY	4	
MACOMB COUNTY	20	
MONROE COUNTY	139,544	
NEW JERSEY	151,887	
OAKLAND COUNTY	10	
OHIO	877,718	
WASHTENAW COUNTY	35	
WAYNE COUNTY	37,046	

WE ENERGIES PRESQUE ISLE POWER PLANT (MARQUETTE COUNTY)		
ORIGIN	MCW	IW AND C&D
MARQUETTE COUNTY		64,923

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

WESTSIDE RECYCLING & DISPOSAL FACILITY (ST JOSEPH COUNTY)		
ORIGIN	MCW	IW AND C&D
ALLEGAN COUNTY	14,791	3,475
BARRY COUNTY	52,015	
BERRIEN COUNTY	14,294	2,123
BRANCH COUNTY	28,048	1,027
CALHOUN COUNTY	161,282	17,927
CASS COUNTY	25,926	6,264
EATON COUNTY	9,336	
HILLSDALE COUNTY	12	310
ILLINOIS		10
INDIANA	23,677	5,875
KALAMAZOO COUNTY	180,347	148,245
ST JOSEPH COUNTY	119,710	84,170
VAN BUREN COUNTY	41,381	2,699

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

WHITEFEATHER LANDFILL (BAY COUNTY)		
ORIGIN	MCW	IW AND C&D
ALCONA COUNTY	75	480
ARENAC COUNTY	14,691	7,157
BAY COUNTY	95,046	47,335
CHARLEVOIX COUNTY	28	
CLARE COUNTY	7,088	392
GLADWIN COUNTY	17,514	4,753
GRATIOT COUNTY	60	20
IOSCO COUNTY	27,742	13,269
ISABELLA COUNTY	5,867	5,773
KALKASKA COUNTY	21,385	2,475
MIDLAND COUNTY		1,543
OGEMAW COUNTY	13,756	6,629
ROSCOMMON COUNTY	12,576	2,472
SAGINAW COUNTY	25,777	3,512
TUSCOLA COUNTY	30	319

APPENDIX
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2009
 (All Values are in Cubic Yards)

WOOD ISLAND WASTE MANAGEMENT INC (ALGER COUNTY)		
ORIGIN	MCW	IW AND C&D
ALGER COUNTY	18,976	9,516
CHIPPEWA COUNTY	484	
DELTA COUNTY	4,707	
DICKINSON COUNTY	96,207	
HOUGHTON COUNTY	835	
IRON COUNTY	477	
LUCE COUNTY	1,605	
SCHOOLCRAFT COUNTY	24,860	
WISCONSIN	15,359	

WOODLAND MEADOWS RDF-VAN BUREN (WAYNE COUNTY)		
ORIGIN	MCW	IW AND C&D
CANADA	43,678	7,395
GENESEE COUNTY	155	12
LIVINGSTON COUNTY	92,407	1,381
MACOMB COUNTY	639	2,890
MONROE COUNTY	35,014	3,988
OAKLAND COUNTY	193,515	24,497
OHIO		11,858
WASHTENAW COUNTY	439,194	43,813
WAYNE COUNTY	1,302,994	527,414