



REPORT OF SOLID WASTE LANDFILLED IN MICHIGAN

October 1, 2015 - September 30, 2016

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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, 2015 - September 30, 2016, and is the twenty-first 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 yards¹ may further alter the data accuracy.

The landfills report the waste received by category using the [Combined Solid Waste Landfill Waste Receipt Report](#) (Combined Report) form. For purposes of this report²: MCW means municipal and commercial waste and is typically residential-like waste; IW means industrial waste; and C&D means construction and demolition waste. For additional information on the waste types that fall within each of these categories, see the Waste Type Key found in Appendix A. Certain IW types are accounted for specifically in the Combined Report forms, primarily to calculate the financial assurance applicable to those types of wastes. These specially accounted wastes are: (1) foundry

¹ Please note that Michigan uses the unit of measure of cubic yards to be reported by landfills. To aid in comparing other states' waste to Michigan's, a simple conversion of 3 cubic yards equals 1 ton of waste has been applied and is referenced in footnotes in this report.

² 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 refer to the former Type III waste.

sand; (2) coal or wood ash; (3) wastewater treatment sludges; and (4) sludges 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” (if each specially accounted waste is disposed separately) or “IW – Mixed” (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 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 49,089,268 cubic yards, an increase of 1,462,915 cubic yards or about 3.1 percent over the fiscal year (FY) 2015 report data. Waste generated in Michigan increased from 36,862,512 cubic yards in the previous reporting period to 37,514,517 cubic yards, an increase of about 1.8 percent. Total imports of waste into Michigan landfills increased from the previous reporting period from 10,763,841 cubic yards to 11,574,751 cubic yards, an increase of about 7.5 percent. The largest source of waste imports to Michigan continues to be from Canada, with total reported imports to landfills of 8,883,958 cubic yards, up 793,016 cubic yards or about 9.8 percent from the FY 2015 report data. Canadian waste imports equal about 18.1 percent of all waste disposed in Michigan landfills. Waste reported from other states and Canada totaled about 23.6 percent of all solid waste disposed in Michigan landfills. Imported waste comprised 22.6 percent of solid waste disposed in Michigan landfills in the previous year. Further, the data that follow outline the out-of-state imports to Michigan over the past twenty-one FYs. Imports from other states increased to 2,690,793 cubic yards from 2,672,899 cubic yards, an increase of about 0.7 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 online by clicking the following hyperlink: [Annual Reports of Solid Waste Landfilled in Michigan](#).

Annual audits are performed by the DEQ to reconcile quantities reported by the landfills to ensure proper surcharge payments and Perpetual Care Fund (PCF) deposits. Therefore, please note that the quantities and percentages shown for previous years may reflect corrections submitted by the landfills since the last annual report was published. Consequently, Tables 1 and 2, and Figures 1 and 2, may 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 noncaptive³ disposal facilities should be used for the calculation of the 12 cents per cubic yard surcharge. For FY 2016 that amount was 47,666,873 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.

³ 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(5) 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 IN MICHIGAN LANDFILLS
(All Figures in Cubic Yards)**

Fiscal Year	Michigan	Canada	Other States	Totals
FY 2007	40,233,222	10,982,984	6,171,862	57,388,068
FY 2008	39,913,636	10,722,164	6,484,096	57,119,896
FY 2009	34,751,365	9,054,371	4,031,983	47,837,719
FY 2010	34,802,866	8,757,014	2,563,056	46,122,936
FY 2011	35,857,919	6,983,127	2,886,955	45,728,001
FY 2012	34,485,534	6,512,223	2,912,750	43,910,507
FY 2013	34,233,158	7,594,716	2,785,700	44,613,574
FY 2014	36,281,718	7,639,167	2,830,235	46,751,120
FY 2015	36,862,512	8,090,942	2,672,899	47,626,353
FY 2016	37,514,517 ⁴	8,883,958 ⁵	2,690,793 ⁶	49,089,268 ⁷

**TABLE 2
SOLID WASTE DISPOSED IN MICHIGAN LANDFILLS
BY PERCENTAGE**

Fiscal Year	Michigan	Canada	Other States
FY 2007	70.1%	19.1%	10.8%
FY 2008	69.9%	18.8%	11.4%
FY 2009	72.6%	18.9%	8.4%
FY 2010	75.5%	19%	5.6%
FY 2011	78.4%	15.3%	6.3%
FY 2012	78.5%	14.8%	6.6%
FY 2013	76.7%	17%	6.2%
FY 2014	77.6%	16.3%	6.1%
FY 2015	77.4%	17%	5.6%
FY 2016	76.4%	18.1%	5.5%

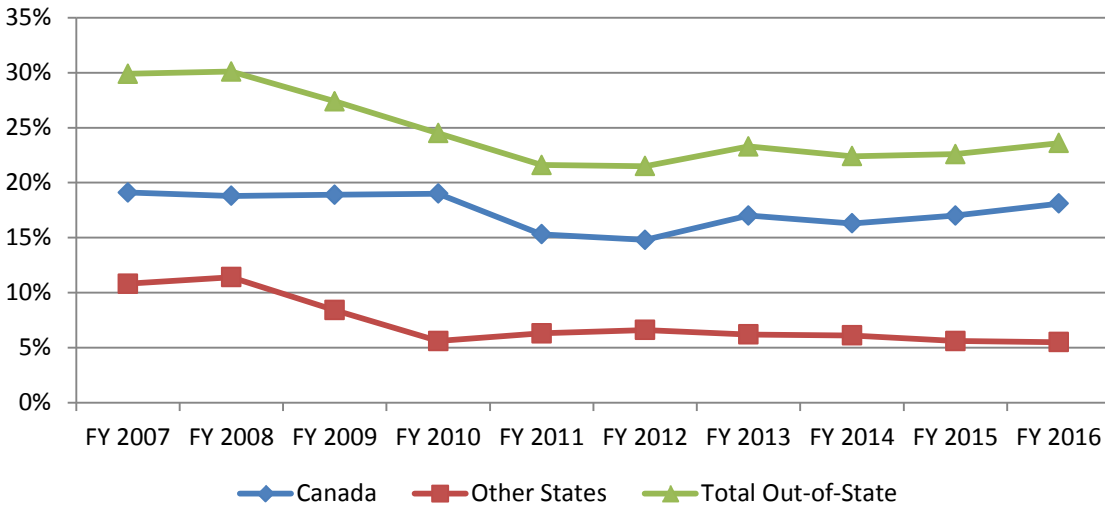
⁴ MICHIGAN WASTE: 12,504,840 tons

⁵ CANADIAN WASTE: 2,961,319 tons

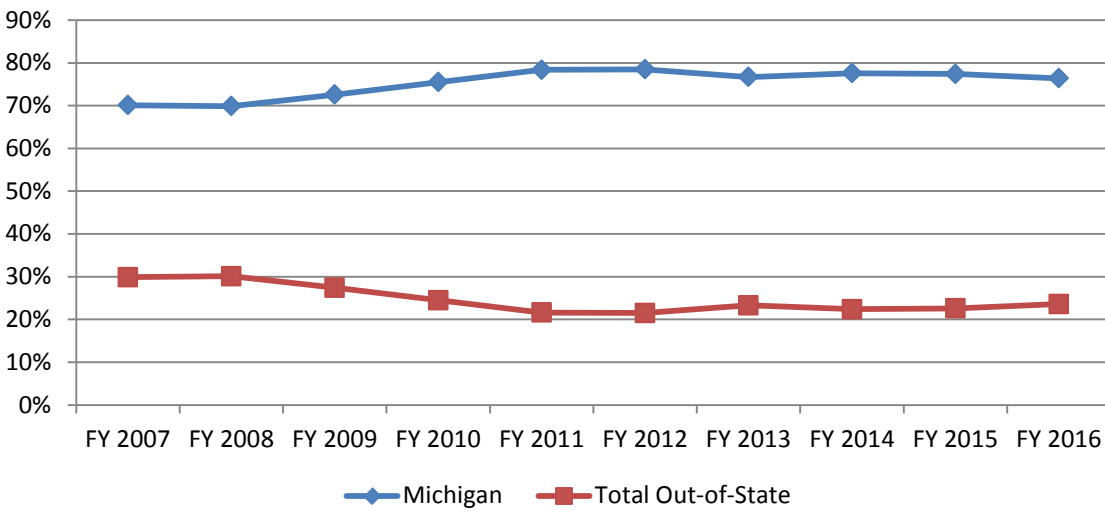
⁶ OTHER STATES WASTE: 896,931 tons

⁷ TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS: 16,363,090 tons

**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 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 (Volume in Cubic Yards)			
WASTE TYPE	IN-STATE	IMPORTED	TOTAL
MCW	22,791,725	8,775,567	31,567,292
MCW – MSW* INCINERATOR ASH	41,733	962	42,695
SUBTOTAL MCW	22,833,458	8,776,529	31,609,987
IW	8,362,347	1,217,798	9,580,145
IW – SEGREGATED	920,506	0	920,506
IW – SEGREGATED MIXED	402,560	0	402,560
SUBTOTAL IW	9,685,413	1,217,798	10,903,211
C&D	4,995,646	1,580,424	6,576,070
GRAND TOTAL	37,514,517	11,574,751	49,089,268

*Municipal Solid Waste

Table 3A displays the IW disposal summary for both in-state and imported waste. Landfills are only required to report to the DEQ, to the extent possible; therefore, some landfills may not have broken down the materials disposed to the level of detail as shown below and, thus, have categorized all their industrial waste as “IW – General.” The “IW – Alternative Daily Cover” category is other material that is approved by the DEQ for use as alternative daily cover at an operating landfill. The “IW – Other” category refers to other industrial waste types that are not identified on the Combined Report form and includes contaminated soils.

TABLE 3A INDUSTRIAL WASTE DISPOSAL SOURCE SUMMARY (Volume in Cubic Yards)			
WASTE TYPE	IN-STATE	IMPORTED	TOTAL
IW - Other Sludges	124,972	8,053	133,025
IW - Wastewater Sludges	327,633	3,585	331,218
IW - Coal Ash	1,104,968	46,852	1,151,820
IW - Wood Ash	90,051	304	90,355
IW - Wood/Paper Sludges	139,399	0	139,399
IW-Wood/Paper Sediment	56,366	0	56,366
IW - Other	1,199,177	6,687	1,205,864
IW - General	5,233,208	862,235	6,095,443
IW - Cement Kiln Dust	428,642	1,414	430,056
IW - Alternative Daily Cover	781,530	257,554	1,039,084
IW - Foundry Sand	199,451	31,114	230,565
GRAND TOTAL	9,685,413	1,217,798	10,903,211

WASTE IMPORTS

Based on the reported information for FY 2016, the solid waste industry in Michigan imported solid waste from 13 other states and from Canada for disposal in Michigan landfills. Table 4 indicates the volume of MCW, IW, and C&D imported and the state or country of origin of the waste. Figure 3 indicates the total volume of waste imported by state or country of origin of the waste.

TABLE 4 IMPORTED WASTE BY ORIGIN - FY 2016 (Volume in Cubic Yards)				
WASTE ORIGIN	MCW	IW	C&D	TOTAL WASTE
CANADA	7,153,122	225,747	1,505,089	8,883,958
CONNECTICUT	0	61,856	0	61,856
FLORIDA	0	41	0	41
ILLINOIS	125,335	1,714	3	127,052
INDIANA	789,451	112,619	70,190	972,260
IOWA	0	0	4	4
KANSAS	0	0	1	1
MINNESOTA	0	0	6	6
MISSISSIPPI	0	0	1	1
NEW YORK	0	16	0	16
OHIO	536,206	786,281	1,489	1,323,976
PENNSYLVANIA	0	11	0	11
WASHINGTON	0	15	0	15
WISCONSIN	172,415	29,498	3,641	205,554

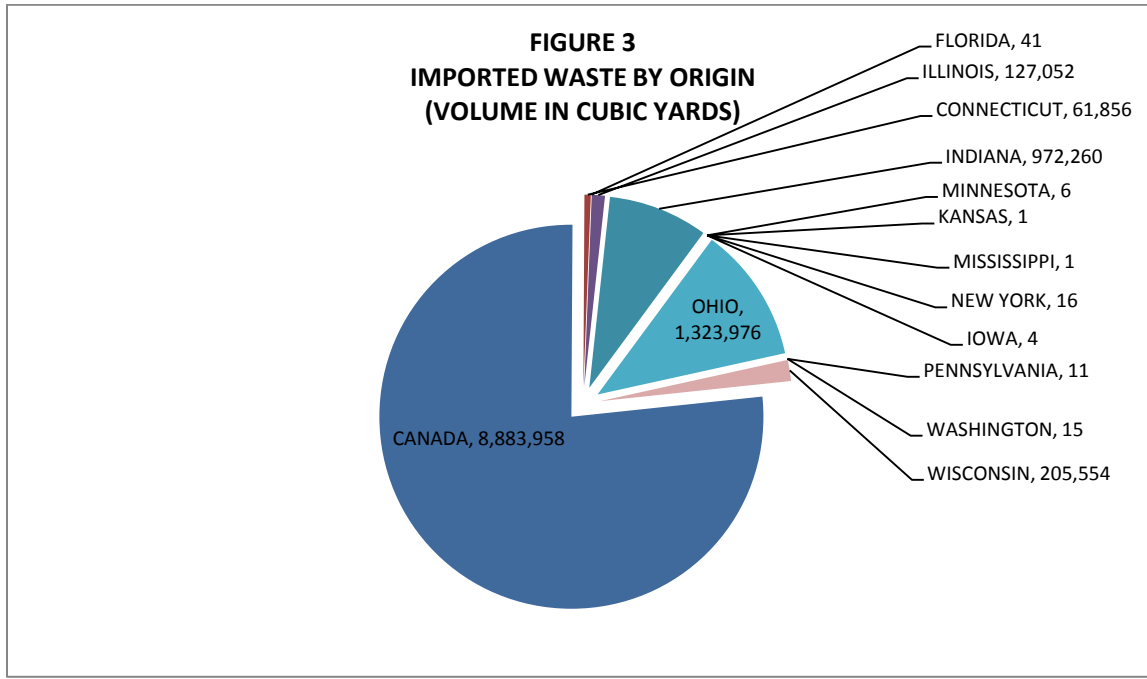


Table 5 shows the total amount of waste imported into each county from all out-of-state sources.

COUNTY	WASTE ORIGIN	WASTE VOLUME
ALGER	WISCONSIN	3,390
BERRIEN	ILLINOIS	127,049
BERRIEN	INDIANA	910,109
CHIPPEWA	CANADA	76,433
DICKINSON	WISCONSIN	176
GENESEE	CANADA	972,930
GENESEE	CONNECTICUT	61,856
GENESEE	INDIANA	53
GENESEE	NEW YORK	16
GENESEE	OHIO	15,297
GENESEE	PENNSYLVANIA	11
GENESEE	WASHINGTON	15
JACKSON	OHIO	71,998
MACOMB	CANADA	3,221,457
MENOMINEE	WISCONSIN	125,572
MONROE	OHIO	1,078,892

TABLE 5
IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN - FY 2016
(Volume in Cubic Yards)

COUNTY	WASTE ORIGIN	WASTE VOLUME
ONTONAGON	WISCONSIN	76,416
ST CLAIR	CANADA	320,880
ST JOSEPH	INDIANA	62,087
WASHTENAW	CANADA	476
WASHTENAW	OHIO	3,975
WAYNE	CANADA	4,291,374
WAYNE	FLORIDA	41
WAYNE	OHIO	153,814
WEXFORD	CANADA	408
WEXFORD	ILLINOIS	3
WEXFORD	INDIANA	11
WEXFORD	IOWA	4
WEXFORD	KANSAS	1
WEXFORD	MINNESOTA	6
WEXFORD	MISSISSIPPI	1

Table 6 shows the total amount of waste disposed in Michigan landfills from each Michigan county.

TABLE 6 TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY - FY 2016 (Volume in Cubic Yards)	
COUNTY	WASTE VOLUME
ALCONA	7,446
ALGER	37,539
ALLEGAN	331,615
ALPENA	450,907
ANTRIM	13,242
ARENAC	36,477
BARAGA	44,324
BARRY	91,686
BAY	464,329
BENZIE	30,281
BERRIEN	959,756
BRANCH	134,136
CALHOUN	493,523
CASS	143,871
CHARLEVOIX	202,370
CHEBOYGAN	119,371
CHIPPEWA	109,019
CLARE	82,381
CLINTON	172,562
CRAWFORD	56,170
DELTA	189,224
DICKINSON	209,451
EATON	306,318
EMMET	111,403
GENESEE	1,318,161
GLADWIN	72,106
GOGEBIC	21,686
GRAND TRAVERSE	379,575
GRATIOT	139,734
HILLSDALE	89,673
HOUGHTON	73,520
HURON	143,690
INGHAM	1,002,285

TABLE 6
TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY - FY 2016
(Volume in Cubic Yards)

COUNTY	WASTE VOLUME
IONIA	142,964
IOSCO	134,657
IRON	10,426
ISABELLA	174,797
JACKSON	658,476
KALAMAZOO	1,180,338
KALKASKA	103,123
KENT	1,882,611
KEWEENAW	3,373
LAKE	11,080
LAPEER	210,053
LEELANAU	23,025
LENAWEE	234,714
LIVINGSTON	435,590
LUCE	6,914
MACKINAC	24,099
MACOMB	1,961,307
MANISTEE	284,226
MARQUETTE	251,944
MASON	109,727
MECOSTA	87,431
MENOMINEE	61,949
MIDLAND	573,359
MISSAUKEE	51,994
MONROE	1,017,938
MONTCALM	118,133
MONTMORENCY	38,115
MUSKEGON	700,736
NEWAYGO	102,682
OAKLAND	3,583,753
OCEANA	49,917
OGEMAW	47,401
ONTONAGON	11,559
OSCEOLA	40,405
OSCODA	22,009
OTSEGO	73,680
OTTAWA	1,088,844

TABLE 6 TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY - FY 2016 (Volume in Cubic Yards)	
COUNTY	WASTE VOLUME
PRESQUE ISLE	20,297
ROSCOMMON	72,252
SAGINAW	617,632
SANILAC	113,267
SCHOOLCRAFT	28,268
SHIAWASSEE	191,567
ST CLAIR	901,561
ST JOSEPH	252,364
TUSCOLA	113,711
VAN BUREN	181,221
WASHTENAW	1,132,196
WAYNE	10,228,305
WEXFORD	110,696

Table 6A shows the total amount of waste disposed by each county that has a landfill. [Click here](#) to view an online map that indicates where Michigan's active solid waste landfills are located.

TABLE 6A TOTAL WASTE DISPOSED BY COUNTY - FY 2016 (Volume in Cubic Yards)	
COUNTY	TOTAL WASTE VOLUME
ALGER	116,407
ALPENA	349,050
BARRY	145,288
BAY	648,863
BERRIEN	2,540,879
CALHOUN	1,262,674
CHARLEVOIX	76,553
CHIPPEWA	134,537
CLARE	319,306
CLINTON	1,582,354
CRAWFORD	280,118
DELTA	201,321

**TABLE 6A
TOTAL WASTE DISPOSED BY COUNTY - FY 2016
(Volume in Cubic Yards)**

COUNTY	TOTAL WASTE VOLUME
DICKINSON	141,396
GENESEE	2,829,891
HURON	206,811
IONIA	316,890
JACKSON	511,937
KENT	945,552
LEELANAU	86,684
MACOMB	4,534,074
MANISTEE	411,888
MARQUETTE	251,944
MENOMINEE	174,592
MIDLAND	580,109
MONROE	1,618,474
MONTCALM	586,383
MONTMORENCY	169,487
MUSKEGON	357,152
OAKLAND	1,535,861
ONTONAGON	220,421
OTTAWA	2,342,393
PRESQUE ISLE	326,490
SAGINAW	534,723
SANILAC	126,816
SCHOOLCRAFT	43,915
SHIAWASSEE	656,533
ST CLAIR	1,222,427
ST JOSEPH	771,088
WASHTENAW	6,053,809
WAYNE	13,244,264
WEXFORD	629,914

FACILITY INFORMATION

The total of MCW disposed, total of IW and C&D disposed, and total volume disposed at each of the 69 reporting facilities is given in Table 7. Tables 8 and 9 list the MCW and the IW and C&D disposal volumes ranked in order of volume disposed. The highlighted type of waste in each of Tables 8 and 9 corresponds to the focus of that table. However, all waste information is also provided for reference purposes.

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	3,995,872	2,057,937	6,053,809
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	506,968	460,603	967,571
BRENT RUN LANDFILL	833,112	1,105,833	1,938,945
C & C EXPANDED SANITARY LANDFILL	848,657	414,017	1,262,674
CARLETON FARMS LANDFILL	3,738,621	2,310,844	6,049,465
CENTRAL SANITARY LANDFILL	526,748	59,635	586,383
CITIZENS DISPOSAL, INC.	491,430	399,516	890,946
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	201,777	78,341	280,118
CITY OF LIVONIA LANDFILL	0	1,940	1,940
CITY OF MIDLAND SANITARY LANDFILL	197,364	382,745	580,109
CONSUMERS ENERGY DE KARN	0	80,450	80,450
CONSUMERS ENERGY J H CAMPBELL COMPLEX	0	127,227	127,227
CONSUMERS WEADOCK COMPLEX	0	6,691	6,691
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	219,472	137,680	357,152
DAFTER SANITARY LANDFILL	128,146	6,391	134,537
DELTA COUNTY LANDFILL	71,506	53,515	125,021
DETROIT EDISON CO. RANGE RD ASH DISPOSAL	0	233,713	233,713
DETROIT EDISON CO. SIBLEY QUARRY	0	76,665	76,665
DTE MONROE POWER PLANT	0	283,009	283,009

**TABLE 7
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2016
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	635,667	287,876	923,543
EDWARD C. LEVY CO. LANDFILL	0	21,252	21,252
ELK RUN LANDFILL	242,047	84,443	326,490
ESCANABA PAPER COMPANY	0	76,300	76,300
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	0	13,210	13,210
FOREST LAWN LANDFILL, INC.	784,317	111,295	895,612
GLENS SANITARY LANDFILL	62,686	23,998	86,684
GRANGER GRAND RIVER LANDFILL	21,959	0	21,959
GRANGER WOOD STREET LANDFILL	1,560,395	0	1,560,395
HAYWIRE LANDFILL	0	1,541	1,541
HIAWATHA SHORES LANDFILL, INC.	35,033	7,341	42,374
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL	0	7,227	7,227
HURON LANDFILL CORP. - DBA HURON LANDFILL	151,830	54,981	206,811
J R WHITING ELECTRIC GENERATING STATION	0	21,155	21,155
K & W LANDFILL	190,419	16,792	207,211
LAFARGE MIDWEST, INC.	0	349,050	349,050
LIBERTY ENVIRONMENTALISTS LANDFILL	0	173,283	173,283
MANISTEE COUNTY LANDFILL, INC.	177,642	234,246	411,888
MARQUETTE COUNTY LANDFILL	104,196	126,840	231,036
MATLIN ROAD LANDFILL	0	95,148	95,148
MCGILL ROAD LANDFILL	138,566	200,088	338,654
MICHIGAN ENVIRONS, INC.	124,242	50,350	174,592
MONTMORENCY-OSCODA-ALPENA SWMA	112,959	56,528	169,487
NIAGARA DEVELOPMENT, LLC	0	21,845	21,845
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	214,207	105,099	319,306
OAKLAND HEIGHTS DEVELOPMENT, INC.	402,488	209,830	612,318
ORCHARD HILL SANITARY LANDFILL	612,688	0	612,688

**TABLE 7
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2016
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
OTTAWA COUNTY FARMS LANDFILL	719,356	521,012	1,240,368
PEOPLES LANDFILL, INC.	474,206	46,655	520,861
PINE TREE ACRES, INC.	3,711,303	822,771	4,534,074
PITSCH SANITARY LANDFILL	39,384	277,506	316,890
RACER SAGINAW NODULAR INDUSTRIAL LAND	0	13,862	13,862
RIVERVIEW LAND PRESERVE	1,388,773	743,951	2,132,724
SAUK TRAIL HILLS LANDFILL	782,065	445,010	1,227,075
SC HOLDINGS, INC.	120,663	24,625	145,288
SMITHS CREEK LANDFILL	813,355	175,359	988,714
SOUTH KENT LANDFILL	942,334	0	942,334
SOUTHEAST BERRIEN COUNTY LANDFILL	869,130	163,449	1,032,579
SPARTA FOUNDRY WASTE FACILITY	0	3,218	3,218
ST MARYS CEMENT, INC.	0	76,553	76,553
TRI-CITY RECYCLING AND DISPOSAL FACILITY	96,378	30,438	126,816
VENICE PARK RECYCLING & DISPOSAL FACILITY	418,742	237,791	656,533
VERSO QUINNESEC, LLC	0	119,551	119,551
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	588,747	630,415	1,219,162
WE ENERGIES PRESQUE ISLE POWER PLANT	0	20,908	20,908
WESTSIDE RECYCLING & DISPOSAL FACILITY	459,992	311,096	771,088
WEXFORD COUNTY LANDFILL, LLC	531,033	98,881	629,914
WHITEFEATHER LANDFILL	390,705	171,017	561,722
WOOD ISLAND WASTE MANAGEMENT, INC.	93,995	22,412	116,407
WOODLAND MEADOWS RDF- VAN BUREN	1,838,812	1,896,331	3,735,143

**TABLE 8
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2016
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	3,995,872	2,057,937	6,053,809
CARLETON FARMS LANDFILL	3,738,621	2,310,844	6,049,465
PINE TREE ACRES, INC.	3,711,303	822,771	4,534,074
WOODLAND MEADOWS RDF-VAN BUREN	1,838,812	1,896,331	3,735,143
GRANGER WOOD STREET LANDFILL	1,560,395	0	1,560,395
RIVERVIEW LAND PRESERVE	1,388,773	743,951	2,132,724
SOUTH KENT LANDFILL	942,334	0	942,334
SOUTHEAST BERRIEN COUNTY LANDFILL	869,130	163,449	1,032,579
C & C EXPANDED SANITARY LANDFILL	848,657	414,017	1,262,674
BRENT RUN LANDFILL	833,112	1,105,833	1,938,945
SMITHS CREEK LANDFILL	813,355	175,359	988,714
FOREST LAWN LANDFILL, INC.	784,317	111,295	895,612
SAUK TRAIL HILLS LANDFILL	782,065	445,010	1,227,075
OTTAWA COUNTY FARMS LANDFILL	719,356	521,012	1,240,368
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	635,667	287,876	923,543
ORCHARD HILL SANITARY LANDFILL	612,688	0	612,688
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	588,747	630,415	1,219,162
WEXFORD COUNTY LANDFILL, LLC	531,033	98,881	629,914
CENTRAL SANITARY LANDFILL	526,748	59,635	586,383
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	506,968	460,603	967,571
CITIZENS DISPOSAL, INC.	491,430	399,516	890,946
PEOPLES LANDFILL, INC.	474,206	46,655	520,861
WESTSIDE RECYCLING & DISPOSAL FACILITY	459,992	311,096	771,088
VENICE PARK RECYCLING & DISPOSAL FACILITY	418,742	237,791	656,533
OAKLAND HEIGHTS DEVELOPMENT, INC.	402,488	209,830	612,318
WHITEFEATHER LANDFILL	390,705	171,017	561,722

**TABLE 8
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2016
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
ELK RUN LANDFILL	242,047	84,443	326,490
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	219,472	137,680	357,152
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	214,207	105,099	319,306
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	201,777	78,341	280,118
CITY OF MIDLAND SANITARY LANDFILL	197,364	382,745	580,109
K & W LANDFILL	190,419	16,792	207,211
MANISTEE COUNTY LANDFILL, INC.	177,642	234,246	411,888
HURON LANDFILL CORP. - DBA HURON LANDFILL	151,830	54,981	206,811
MCGILL ROAD LANDFILL	138,566	200,088	338,654
DAFTER SANITARY LANDFILL	128,146	6,391	134,537
MICHIGAN ENVIRONS, INC.	124,242	50,350	174,592
SC HOLDINGS, INC.	120,663	24,625	145,288
MONTMORENCY-OSCODA- ALPENA SWMA	112,959	56,528	169,487
MARQUETTE COUNTY LANDFILL	104,196	126,840	231,036
TRI-CITY RECYCLING AND DISPOSAL FACILITY	96,378	30,438	126,816
WOOD ISLAND WASTE MANAGEMENT, INC.	93,995	22,412	116,407
DELTA COUNTY LANDFILL	71,506	53,515	125,021
GLENS SANITARY LANDFILL	62,686	23,998	86,684
PITSCH SANITARY LANDFILL	39,384	277,506	316,890
HIAWATHA SHORES LANDFILL, INC.	35,033	7,341	42,374
GRANGER GRAND RIVER LANDFILL	21,959	0	21,959

**TABLE 9
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2016
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
CARLETON FARMS LANDFILL	3,738,621	2,310,844	6,049,465
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	3,995,872	2,057,937	6,053,809
WOODLAND MEADOWS RDF- VAN BUREN	1,838,812	1,896,331	3,735,143
BRENT RUN LANDFILL	833,112	1,105,833	1,938,945
PINE TREE ACRES, INC.	3,711,303	822,771	4,534,074
RIVERVIEW LAND PRESERVE	1,388,773	743,951	2,132,724
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	588,747	630,415	1,219,162
OTTAWA COUNTY FARMS LANDFILL	719,356	521,012	1,240,368
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	506,968	460,603	967,571
SAUK TRAIL HILLS LANDFILL	782,065	445,010	1,227,075
C & C EXPANDED SANITARY LANDFILL	848,657	414,017	1,262,674
CITIZENS DISPOSAL, INC.	491,430	399,516	890,946
CITY OF MIDLAND SANITARY LANDFILL	197,364	382,745	580,109
LAFARGE MIDWEST, INC.	0	349,050	349,050
WESTSIDE RECYCLING & DISPOSAL FACILITY	459,992	311,096	771,088
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	635,667	287,876	923,543
DTE MONROE POWER PLANT	0	283,009	283,009
PITSCH SANITARY LANDFILL	39,384	277,506	316,890
VENICE PARK RECYCLING & DISPOSAL FACILITY	418,742	237,791	656,533
MANISTEE COUNTY LANDFILL, INC.	177,642	234,246	411,888
DETROIT EDISON CO. RANGE ROAD ASH DISPOSAL	0	233,713	233,713
OAKLAND HEIGHTS DEVELOPMENT, INC.	402,488	209,830	612,318
MCGILL ROAD LANDFILL	138,566	200,088	338,654
SMITHS CREEK LANDFILL	813,355	175,359	988,714
LIBERTY ENVIRONMENTALISTS LANDFILL	0	173,283	173,283

**TABLE 9
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2016
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
WHITEFEATHER LANDFILL	390,705	171,017	561,722
SOUTHEAST BERRIEN COUNTY LANDFILL	869,130	163,449	1,032,579
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	219,472	137,680	357,152
CONSUMERS ENERGY J H CAMPBELL COMPLEX	0	127,227	127,227
MARQUETTE COUNTY LANDFILL	104,196	126,840	231,036
VERSO QUINNESEC, LLC	0	119,551	119,551
FOREST LAWN LANDFILL, INC.	784,317	111,295	895,612
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	214,207	105,099	319,306
WEXFORD COUNTY LANDFILL, LLC	531,033	98,881	629,914
MATLIN ROAD LANDFILL	0	95,148	95,148
ELK RUN LANDFILL	242,047	84,443	326,490
CONSUMERS ENERGY DE KARN	0	80,450	80,450
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	201,777	78,341	280,118
DETROIT EDISON CO. SIBLEY QUARRY	0	76,665	76,665
ST MARYS CEMENT, INC.	0	76,553	76,553
ESCANABA PAPER COMPANY	0	76,300	76,300
CENTRAL SANITARY LANDFILL	526,748	59,635	586,383
MONTMORENCY-OSCODA- ALPENA SWMA	112,959	56,528	169,487
HURON LANDFILL CORP. - DBA HURON LANDFILL	151,830	54,981	206,811
DELTA COUNTY LANDFILL	71,506	53,515	125,021
MICHIGAN ENVIRONS, INC.	124,242	50,350	174,592
PEOPLES LANDFILL, INC.	474,206	46,655	520,861
TRI-CITY RECYCLING AND DISPOSAL FACILITY	96,378	30,438	126,816
SC HOLDINGS, INC.	120,663	24,625	145,288
GLENS SANITARY LANDFILL	62,686	23,998	86,684
WOOD ISLAND WASTE MANAGEMENT, INC.	93,995	22,412	116,407
NIAGARA DEVELOPMENT, LLC	0	21,845	21,845
EDWARD C LEVY CO. LANDFILL	0	21,252	21,252

**TABLE 9
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2016
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
J R WHITING ELECTRIC GENERATING STATION	0	21,155	21,155
WE ENERGIES PRESQUE ISLE POWER PLANT	0	20,908	20,908
K & W LANDFILL	190,419	16,792	207,211
RACER SAGINAW NODULAR INDUSTRIAL LAND	0	13,862	13,862
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	0	13,210	13,210
HIAWATHA SHORES LANDFILL, INC.	35,033	7,341	42,374
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL	0	7,227	7,227
CONSUMERS WEADOCK COMPLEX	0	6,691	6,691
DAFTER SANITARY LANDFILL	128,146	6,391	134,537
SPARTA FOUNDRY WASTE FACILITY	0	3,218	3,218
CITY OF LIVONIA LANDFILL	0	1,940	1,940
HAYWIRE LANDFILL	0	1,541	1,541

CAPACITY INFORMATION

As defined in Section 11507a(1) of Part 115, “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 10 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 remaining 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 2016 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 FY depending on the type of waste disposed 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: Column (A) divided by Column (B) equals Column (D). Although, in some cases, the facility-projected years of remaining capacity in Column (C) equals the calculated remaining 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 10
FACILITY CAPACITY AND YEARS REMAINING FOR
NONCAPTIVE FACILITIES - FY 2016
(Volume in Cubic Yards)**

FACILITY NAME	(A) REMAINING CAPACITY	(B) CAPACITY USED IN FY 2016	(C) PROJECTED YEARS OF REMAINING CAPACITY	(D) CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	21,429,268	2,109,620	11	10
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	22,028,000	552,000	84	40
BRENT RUN LANDFILL	15,999,468	827,601	16	19
C & C EXPANDED SANITARY LANDFILL	1,541,854	378,769	4	4
CARLETON FARMS LANDFILL	58,654,942	1,840,701	32	32
CENTRAL SANITARY LANDFILL	9,205,192	239,147	42	38
CITIZENS DISPOSAL, INC.	6,757,267	306,672	19	22
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	15,229,488	140,059	108	109
CITY OF MIDLAND SANITARY LANDFILL	7,331,182	193,370	48	38
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	938,750	175,390	5	5
DAFTER SANITARY LANDFILL	3,565,539	51,560	104	69
DELTA COUNTY LANDFILL	5,914,385	125,023	110	47
DETROIT EDISON CO SIBLEY QUARRY	18,240,807	76,665	238	238
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	11,096,500	336,800	27	33
EDWARD C LEVY CO LANDFILL	10,000	20,000	0	1
ELK RUN LANDFILL	1,852,458	122,100	13	15
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	546,649	12,000	46	46
FOREST LAWN LANDFILL, INC.	139,522	288,713	1	0
GLENS SANITARY LANDFILL	17,970,088	43,342	415	415
GRANGER GRAND RIVER LANDFILL	5,420,109	10,979	494	494
GRANGER WOOD STREET LANDFILL	17,889,618	780,195	23	23
HIAWATHA SHORES LANDFILL, INC.	1,860,375	22,334	74	83
HURON LANDFILL CORP. - DBA HURON LANDFILL	584,676	121,159	5	5
K & W LANDFILL	1,752,915	101,700	21	17
LIBERTY ENVIRONMENTALISTS LANDFILL	2,904,600	173,283	14	17
MANISTEE COUNTY LANDFILL, INC.	9,205,192	239,147	42	38
MARQUETTE COUNTY LANDFILL	782,134	96,265	9	8
MATLIN ROAD LANDFILL	354,136	95,148	128	4
MCGILL ROAD LANDFILL	689,900	147,600	8	5
MICHIGAN ENVIRONS, INC.	2,386,821	121,675	32	20

**TABLE 10
FACILITY CAPACITY AND YEARS REMAINING FOR
NONCAPTIVE FACILITIES - FY 2016
(Volume in Cubic Yards)**

FACILITY NAME	(A)	(B)	(C)	(D)
	REMAINING CAPACITY	CAPACITY USED IN FY 2016	PROJECTED YEARS OF REMAINING CAPACITY	CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
MONTMORENCY-OSCODA-ALPENA SWMA	1,400,488	169,489	10	8
NIAGARA DEVELOPMENT, LLC	1,925,349	21,870	88	88
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	6,908,255	159,563	43	43
OAKLAND HEIGHTS DEVELOPMENT, INC.	2,035,562	207,735	8	10
ORCHARD HILL SANITARY LANDFILL	17,127,609	255,286	67	67
OTTAWA COUNTY FARMS LANDFILL	3,530,204	580,831	6	6
PEOPLES LANDFILL, INC.	5,921,145	220,385	32	27
PINE TREE ACRES, INC.	40,723,940	1,402,103	26	29
PITSCH SANITARY LANDFILL	2,440,496	316,890	22	8
RIVERVIEW LAND PRESERVE	11,278,615	716,050	15	16
SAUK TRAIL HILLS LANDFILL	7,383,648	456,089	16	16
SC HOLDINGS, INC.	2,099,099	72,821	42	29
SMITHS CREEK LANDFILL	19,187,516	351,364	55	55
SOUTH KENT LANDFILL	4,180,843	384,748	9	11
SOUTHEAST BERRIEN COUNTY LANDFILL	5,048,525	342,154	15	15
TRI-CITY RECYCLING AND DISPOSAL FACILITY	16,835,650	50,110	210	336
VENICE PARK RECYCLING & DISPOSAL FACILITY	8,368,540	210,580	21	40
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	5,232,400	387,400	13	14
WESTSIDE RECYCLING & DISPOSAL FACILITY	37,094,142	289,821	120	128
WEXFORD COUNTY LANDFILL, LLC	19,421,355	365,230	53	53
WHITEFEATHER LANDFILL	2,150,033	140,986	11	15
WOOD ISLAND WASTE MANAGEMENT, INC.	2,337,586	116,406	33	20
WOODLAND MEADOWS RDF-VAN BUREN	14,677,000	1,663,000	9	9
TOTAL	499,589,835	18,629,928		

Based on current capacity used for FY 2016 (18,629,928 cubic yards) and total remaining capacity at noncaptive facilities (499,589,835 cubic yards), which may include additional capacity permitted⁸ 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 27 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.

⁸ Construction permits were issued to the following landfills and were reflected in their Combined Report forms; these permits increased or decreased their disposal capacities and have been reflected in this report: Wood Island Landfill

APPENDIX A – WASTE TYPE KEY

WASTE TYPE KEY		
	Description	Reference
Municipal & Commercial Waste (MCW)	Commercial Waste	R 299.4102(c)
	Garbage	324.11503(13)
	Household Waste	R 299.4103(k)
	Medical Waste (Regulated)	R 299.4104(a) & 324.11504(6)
	Municipal Solid Waste Incinerator Ash	324.11504(8)
Industrial Waste (IW)	Asbestos	R 299.4101(l)
	Ashes	324.11502(2)
	Cement Kiln Dust (CKD)	R 299.4102(a)
	Coal or Wood Ash	324.11502(7)
	Food Processing Residuals	324.11503(12)
	Food Processing Waste	R 299.4103(d)
	Industrial Waste	R 299.4103(n)
	Liquid Waste	R 299.4103(w)
	Low-Hazard Industrial Waste	R 299.4103(x)
	Paper Mill Waste	R 299.4104(m)
	Sludge	R 299.4105(e)
	Segregated Waste Types for Purposes of PCF: Coal Ash; Wood Ash; CKD; Wastewater Sludge; Wood Sediment; Paper Sediment; Foundry Sand; and Other Approved Materials	324.11525(3)
Construction & Demolition Waste (C&D)	Construction and Demolition Waste	R 299.4102(g)
	Scrap Wood	324.11503(14)
	Treated Wood	324.11503(15)
	Wood	324.11503(16)

[Link to Part 115, Solid Waste Management, MCL 324.11501 et seq.](#)

[Link to Part 115, Solid Waste Management Act Administrative Rules, MAC R 299.4101 et seq.](#)

APPENDIX B – 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 B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC. (WASHTENAW COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	222	184	70
GENESEE	416	42	0
INGHAM	0	168	5,574
LIVINGSTON	136,824	2,913	43,493
MACOMB	511,751	8,098	275,974
OAKLAND	1,640,136	87,944	213,596
OHIO	3,905	30	40
WASHTENAW	275,469	168,264	114,594
WAYNE	1,427,149	366,670	770,283
TOTALS	3,995,872	634,313	1,423,624

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY (OTTAWA COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	72,073	73,611	7,150
BARRY	514	150	70
BERRIEN	5	848	130
BRANCH	0	0	23
CALHOUN	158	117	0
CLINTON	0	65	0
EATON	0	0	36
IONIA	6,750	877	111
ISABELLA	0	40	0
KALAMAZOO	67	38,600	652
KENT	92,048	62,914	17,592
MASON	0	556	0
MECOSTA	15	50	0
MONTCALM	7,321	15,723	111
MUSKEGON	51,578	19,314	141
NEWAYGO	22	14	0
OCEANA	7	40	11
OTTAWA	276,095	183,049	30,318
ST JOSEPH	0	41	0
VAN BUREN	315	3,395	4,854
TOTALS	506,968	399,404	61,199

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

BRENT RUN LANDFILL (GENESEE COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	9	68	0
BAY	16,483	508	11,942
CANADA	336,087	187	624,906
CLINTON	9	1,851	65
CONNECTICUT	0	61,856	0
EATON	122	0	591
GENESEE	284,874	11,477	105,590
GRATIOT	2,647	10,667	6,606
HURON	0	1,366	0
INDIANA	0	53	0
INGHAM	1,067	179	784
LAPEER	106,097	11,597	27,783
LENAWEE	31	0	0
LIVINGSTON	738	121	829
NEW YORK	0	16	0
OAKLAND	16,156	3,515	28,754
OHIO	0	15,297	0
PENNSYLVANIA	0	11	0
SAGINAW	40,963	2,275	121,580
SANILAC	1,412	1,795	16
SHIAWASSEE	24,484	28	12,722
TUSCOLA	1,917	552	4,241
WASHINGTON	0	15	0
WASHTENAW	0	7,885	13
WAYNE	16	27,920	172
TOTALS	833,112	159,239	946,594

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

C & C EXPANDED SANITARY LANDFILL (CALHOUN COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	315	1,286	62
BARRY	12	50	559
BERRIEN	4	0	39
BRANCH	67,438	26,976	20,442
CALHOUN	184,081	53,368	138,071
CLINTON	206	0	62
EATON	50,622	10,925	10,623
HILLSDALE	55,915	6,909	4,573
INGHAM	33,750	2,944	11,221
JACKSON	18,939	18,339	1,536
KALAMAZOO	436,287	42,072	62,973
ST CLAIR	0	8	0
ST JOSEPH	1,088	114	788
VAN BUREN	0	22	55
TOTALS	848,657	163,013	251,004

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

CARLETON FARMS LANDFILL (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	2,923,891	220,492	875,425
FLORIDA	0	41	0
JACKSON	0	70	0
LENAWEE	125,758	25,170	16,889
LIVINGSTON	0	0	30
MACOMB	0	1,205	18
MONROE	49,787	14,861	41,103
OAKLAND	13,934	488	160
OHIO	0	153,181	89
VAN BUREN	10	0	0
WASHTENAW	17,577	5,924	8,689
WAYNE	607,664	761,663	185,346
TOTALS	3,738,621	1,183,095	1,127,749

CENTRAL SANITARY LANDFILL (MONTCALM COUNTY)			
ORIGIN	MCW	IW	C&D
BARRY	0	38	0
GRATIOT	6,801	3	460
IONIA	22,304	869	0
ISABELLA	19,125	91	57
KENT	314,616	26,845	2,791
LAKE	0	3	0
MASON	0	0	14
MECOSTA	39,646	374	5,746
MONTCALM	49,242	11,875	976
NEWAYGO	64,113	6,081	2,509
OSCEOLA	10,901	790	113
TOTALS	526,748	46,969	12,666

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

CITIZENS DISPOSAL, INC. (GENESEE COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	63	7	205
CANADA	11,025	0	725
CLINTON	23	0	0
EATON	17	8	0
GENESEE	346,368	195,760	104,133
GRATIOT	0	0	28
INGHAM	0	3,951	32
LAPEER	13,200	191	15,988
LENAWEE	0	2	0
LIVINGSTON	48,608	23,538	10,704
OAKLAND	16,835	17,843	9,669
SAGINAW	10,362	67	503
SANILAC	1,616	0	0
SHIAWASSEE	19,444	139	817
TUSCOLA	23,869	1	132
WASHTENAW	0	577	23
WAYNE	0	14,433	40
TOTALS	491,430	256,517	142,999

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

CITY ENVIRONMENTAL SERVICES, INC. OF WATERS (CRAWFORD COUNTY)			
ORIGIN	MCW	IW	C&D
ALCONA	0	10	0
ALPENA	0	2,559	0
ANTRIM	8,285	905	24
ARENAC	0	20	0
CHARLEVOIX	19,517	45,765	9
CHEBOYGAN	6,008	90	0
CHIPPEWA	0	10	0
CRAWFORD	34,365	19,354	1,532
EMMET	0	187	329
GRAND TRAVERSE	7,580	45	0
IOSCO	46,632	343	0
KALKASKA	8,832	451	12
MACKINAC	0	4	0
OGEMAW	9	0	0
OTSEGO	67,226	5,677	145
PRESQUE ISLE	526	665	0
ROSCOMMON	2,797	24	181
TOTALS	201,777	76,109	2,232

CITY OF LIVONIA LANDFILL (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
WAYNE	0	1,940	0
TOTALS	0	1,940	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

CITY OF MIDLAND SANITARY LANDFILL (MIDLAND COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	0	7,610	0
MIDLAND	197,364	150,551	224,584
TOTALS	197,364	158,161	224,584

CONSUMERS ENERGY DE KARN (BAY COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	0	80,450	0
TOTALS	0	80,450	0

CONSUMERS ENERGY J H CAMPBELL COMPLEX (OTTAWA COUNTY)			
ORIGIN	MCW	IW	C&D
MUSKEGON	0	1,396	0
OTTAWA	0	125,831	0
TOTALS	0	127,227	0

CONSUMERS WEADOCK COMPLEX (BAY COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	0	6,691	0
TOTALS	0	6,691	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

COUNTY OF MUSKEGON - SOLID WASTE LANDFILL (MUSKEGON COUNTY)			
ORIGIN	MCW	IW	C&D
LAKE	0	0	1,822
MUSKEGON	183,474	82,396	49,233
NEWAYGO	27,386	0	2,240
OCEANA	5,232	0	1,989
OTTAWA	3,380	0	0
TOTALS	219,472	82,396	55,284

DAFTER SANITARY LANDFILL (CHIPPEWA COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	76,431	0	2
CHIPPEWA	26,404	5,053	0
LUCE	6,337	0	52
MACKINAC	18,974	1,270	14
TOTALS	128,146	6,323	68

DELTA COUNTY LANDFILL (DELTA COUNTY)			
ORIGIN	MCW	IW	C&D
DELTA	67,348	28,667	14,992
MENOMINEE	3,073	9,856	0
SCHOOLCRAFT	1,085	0	0
TOTALS	71,506	38,523	14,992

DETROIT EDISON CO. RANGE RD ASH DISPOSAL (ST CLAIR COUNTY)			
ORIGIN	MCW	IW	C&D
ST CLAIR	0	233,713	0
TOTALS	0	233,713	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

DETROIT EDISON CO. SIBLEY QUARRY (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
WAYNE	0	76,665	0
TOTALS	0	76,665	0

DTE MONROE POWER PLANT (MONROE COUNTY)			
ORIGIN	MCW	IW	C&D
MONROE	0	283,009	0
TOTALS	0	283,009	0

EAGLE VALLEY RECYCLE & DISPOSAL FACILITY (OAKLAND COUNTY)			
ORIGIN	MCW	IW	C&D
GENESEE	0	1	0
LAPEER	6,783	14	0
LIVINGSTON	90	0	0
MACOMB	48,666	75,047	0
OAKLAND	579,837	119,715	9,723
WASHTENAW	0	56	0
WAYNE	291	83,320	0
TOTALS	635,667	278,153	9,723

EDWARD C. LEVY CO. LANDFILL (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
WAYNE	0	21,252	0
TOTALS	0	21,252	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

ELK RUN LANDFILL (PRESQUE ISLE COUNTY)			
ORIGIN	MCW	IW	C&D
ANTRIM	2,011	0	80
CHARLEVOIX	0	0	1,993
CHEBOYGAN	50,891	45,314	16,837
CHIPPEWA	74,092	0	2,641
EMMET	100,566	1,637	8,035
MACKINAC	1,267	62	2,508
PRESQUE ISLE	13,220	1,916	3,420
TOTALS	242,047	48,929	35,514

ESCANABA PAPER COMPANY (DELTA COUNTY)			
ORIGIN	MCW	IW	C&D
DELTA	0	76,300	0
TOTALS	0	76,300	0

EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC (ONTONAGON COUNTY)			
ORIGIN	MCW	IW	C&D
BARAGA	0	13,194	0
ONTONAGON	0	16	0
TOTALS	0	13,210	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

FOREST LAWN LANDFILL, INC. (BERRIEN COUNTY)			
ORIGIN	MCW	IW	C&D
BERRIEN	161,470	3,410	3,156
CASS	0	19	0
ILLINOIS	29,515	0	0
INDIANA	593,332	84,668	20,000
KALAMAZOO	0	27	0
VAN BUREN	0	15	0
TOTALS	784,317	88,139	23,156

GLENS SANITARY LANDFILL (LEELANAU COUNTY)			
ORIGIN	MCW	IW	C&D
ANTRIM	396	0	638
BENZIE	1,639	168	1,378
GRAND TRAVERSE	48,142	4,619	6,151
KALKASKA	179	30	193
LEELANAU	12,297	2,606	8,088
MANISTEE	33	127	0
TOTALS	62,686	7,550	16,448

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

GRANGER GRAND RIVER LANDFILL (CLINTON COUNTY)			
ORIGIN	MCW	IW	C&D
CALHOUN	221	0	0
CLINTON	434	0	0
EATON	11,646	0	0
GENESEE	898	0	0
GRATIOT	45	0	0
INGHAM	5,202	0	0
IONIA	1,640	0	0
ISABELLA	143	0	0
JACKSON	94	0	0
KALAMAZOO	32	0	0
LIVINGSTON	113	0	0
MONTCALM	1,040	0	0
OAKLAND	211	0	0
OTTAWA	1	0	0
SAGINAW	30	0	0
SHIAWASSEE	113	0	0
WASHTENAW	28	0	0
WAYNE	68	0	0
TOTALS	21,959	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

GRANGER WOOD STREET LANDFILL (CLINTON COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	91	0	0
BARRY	1,440	0	0
BRANCH	5	0	0
CALHOUN	2	0	0
CLINTON	144,262	0	0
EATON	194,715	0	0
GENESEE	7	0	0
GRATIOT	86,435	0	0
INGHAM	879,547	0	0
IONIA	39,492	0	0
ISABELLA	17,509	0	0
JACKSON	116,531	0	0
LIVINGSTON	51,406	0	0
MONTCALM	5,533	0	0
OAKLAND	1	0	0
SHIAWASSEE	23,414	0	0
WASHTENAW	1	0	0
WAYNE	4	0	0
TOTALS	1,560,395	0	0

HAYWIRE LANDFILL (SCHOOLCRAFT COUNTY)			
ORIGIN	MCW	IW	C&D
SCHOOLCRAFT	0	1,541	0
TOTALS	0	1,541	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

HIAWATHA SHORES LANDFILL, INC. (SCHOOLCRAFT COUNTY)			
ORIGIN	MCW	IW	C&D
GOGEBIC	20,098	0	0
SCHOOLCRAFT	14,935	2,339	5,002
TOTALS	35,033	2,339	5,002

HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL (OTTAWA COUNTY)			
ORIGIN	MCW	IW	C&D
OTTAWA	0	7,227	0
TOTALS	0	7,227	0

HURON LANDFILL CORP. - DBA HURON LANDFILL (HURON COUNTY)			
ORIGIN	MCW	IW	C&D
HURON	76,387	25,487	11,593
LAPEER	5,642	0	104
SANILAC	30,309	18	1,112
TUSCOLA	39,492	13,803	2,864
TOTALS	151,830	39,308	15,673

J R WHITING ELECTRIC GENERATING STATION (MONROE COUNTY)			
ORIGIN	MCW	IW	C&D
MONROE	0	21,155	0
TOTALS	0	21,155	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

K & W LANDFILL (ONTONAGON COUNTY)			
ORIGIN	MCW	IW	C&D
BARAGA	17,841	13,289	0
GOGEBIC	1,215	373	0
HOUGHTON	71,329	1,406	0
IRON	9,941	485	0
KEWEENAW	2,359	1,014	0
ONTONAGON	11,415	128	0
WISCONSIN	76,319	97	0
TOTALS	190,419	16,792	0

LAFARGE MIDWEST, INC. (ALPENA COUNTY)			
ORIGIN	MCW	IW	C&D
ALPENA	0	349,050	0
TOTALS	0	349,050	0

LIBERTY ENVIRONMENTALISTS LANDFILL (JACKSON COUNTY)			
ORIGIN	MCW	IW	C&D
BRANCH	0	0	266
CALHOUN	0	0	2,197
EATON	0	0	999
HILLSDALE	0	17,891	4,341
INGHAM	0	0	2,637
JACKSON	0	4,060	56,480
LENAWEE	0	0	8,586
OHIO	0	71,998	0
WASHTENAW	0	0	3,828
TOTALS	0	93,949	79,334

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

MANISTEE COUNTY LANDFILL, INC. (MANISTEE COUNTY)			
ORIGIN	MCW	IW	C&D
BENZIE	12,793	2,315	3,569
GRAND TRAVERSE	1,930	44	234
LAKE	6,186	36	432
LEELANAU	34	0	0
MANISTEE	66,416	202,953	13,322
MASON	80,408	3,983	7,028
WEXFORD	9,875	215	115
TOTALS	177,642	209,546	24,700

MARQUETTE COUNTY LANDFILL (MARQUETTE COUNTY)			
ORIGIN	MCW	IW	C&D
MARQUETTE	104,196	0	126,840
TOTALS	104,196	0	126,840

MATLIN ROAD LANDFILL (MONROE COUNTY)			
ORIGIN	MCW	IW	C&D
MONROE	0	0	2,256
OAKLAND	0	0	388
OHIO	0	0	1,222
WASHTENAW	0	0	116
WAYNE	0	0	91,166
TOTALS	0	0	95,148

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

MCGILL ROAD LANDFILL (JACKSON COUNTY)			
ORIGIN	MCW	IW	C&D
CALHOUN	4,763	2,152	20
CLINTON	433	12	0
EATON	4,894	70	0
JACKSON	128,476	164,308	30,263
VAN BUREN	0	3,262	0
WASHTENAW	0	1	0
TOTALS	138,566	169,805	30,283

MICHIGAN ENVIRONS, INC. (MENOMINEE COUNTY)			
ORIGIN	MCW	IW	C&D
MENOMINEE	31,501	11,411	6,108
WISCONSIN	92,741	29,366	3,465
TOTALS	124,242	40,777	9,573

MONTMORENCY-OSCODA-ALPENA SWMA (MONTMORENCY COUNTY)			
ORIGIN	MCW	IW	C&D
ALCONA	1,200	12	1,307
ALPENA	68,167	9,779	21,352
CHEBOYGAN	226	0	5
CRAWFORD	5	0	0
IOSCO	6,003	0	110
MONTMORENCY	21,167	9,410	7,538
OGEMAW	162	0	0
OSCODA	15,755	9	6,245
OTSEGO	21	44	420
PRESQUE ISLE	253	0	297
TOTALS	112,959	19,254	37,274

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

NIAGARA DEVELOPMENT, LLC (DICKINSON COUNTY)			
ORIGIN	MCW	IW	C&D
DICKINSON	0	21,648	21
WISCONSIN	0	0	176
TOTALS	0	21,648	197

NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY (CLARE COUNTY)			
ORIGIN	MCW	IW	C&D
ARENAC	2,944	1,035	0
BAY	0	5	0
CLARE	45,548	942	21,151
GLADWIN	12,870	231	4,305
GRATIOT	13,337	4,780	507
IOSCO	15,027	0	0
ISABELLA	72,394	33,509	9,333
LAKE	2,025	440	136
MECOSTA	9,075	1,008	2,583
MISSAUKEE	6,382	1,370	770
MONTCALM	58	5	0
OGEMAW	0	10	63
OSCEOLA	7,076	14,909	1,819
ROSCOMMON	23,012	203	5,781
WEXFORD	4,459	124	80
TOTALS	214,207	58,571	46,528

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

OAKLAND HEIGHTS DEVELOPMENT, INC. (OAKLAND COUNTY)			
ORIGIN	MCW	IW	C&D
LAPEER	0	5	0
MACOMB	37,897	12,198	15,728
OAKLAND	364,591	28,182	153,687
WAYNE	0	0	30
TOTALS	402,488	40,385	169,445

ORCHARD HILL SANITARY LANDFILL (BERRIEN COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	2,259	0	0
BARRY	30	0	0
BERRIEN	166,955	0	0
BRANCH	13	0	0
CALHOUN	27	0	0
CASS	12,332	0	0
INDIANA	117	0	0
KALAMAZOO	306,948	0	0
OTTAWA	25,324	0	0
ST JOSEPH	87	0	0
VAN BUREN	98,596	0	0
TOTALS	612,688	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

OTTAWA COUNTY FARMS LANDFILL (OTTAWA COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	99,180	171	410
BARRY	14	1,024	45
BAY	0	3	0
CALHOUN	0	27	0
CASS	0	79	3
IONIA	0	1,107	81
ISABELLA	0	73	0
KALAMAZOO	0	118	137
KENT	67,140	210,625	33,683
MASON	127	16,759	132
MECOSTA	47	148	0
MONTCALM	103	6	22
MUSKEGON	186,694	104,630	20,587
NEWAYGO	10	195	73
OCEANA	30,907	7,128	4,527
OSCEOLA	32	0	9
OTTAWA	279,321	86,003	32,992
ST CLAIR	0	0	6
ST JOSEPH	20	0	0
VAN BUREN	55,761	114	95
TOTALS	719,356	428,210	92,802

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

PEOPLES LANDFILL, INC. (SAGINAW COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	103,559	10,384	255
CLINTON	16	0	0
GENESEE	16,699	5,003	0
GRATIOT	5,547	0	8
SAGINAW	339,727	24,615	2,339
SHIAWASSEE	24	0	0
TUSCOLA	8,634	3,835	216
TOTALS	474,206	43,837	2,818

PINE TREE ACRES, INC. (MACOMB COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	3,221,457	0	0
LAPEER	2,700	101	0
MACOMB	484,794	143,263	11,400
OAKLAND	1,851	15,582	15
SANILAC	0	40	0
WASHTENAW	0	40	0
WAYNE	501	648,754	3,576
TOTALS	3,711,303	807,780	14,991

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

PITSCH SANITARY LANDFILL (IONIA COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	0	0	495
BARRY	114	0	2,085
BRANCH	0	0	174
CALHOUN	0	0	4,176
CLINTON	0	0	66
EATON	150	0	1,320
INGHAM	9	0	0
IONIA	3,687	381	34,386
ISABELLA	24	21	141
KALAMAZOO	0	0	1,830
KENT	771	3	209,016
LUCE	0	0	165
MASON	0	0	720
MECOSTA	27,813	0	828
MONTCALM	6,720	0	16,398
MUSKEGON	0	0	813
OSCEOLA	0	0	120
OTTAWA	96	0	3,033
ST JOSEPH	0	0	1,335
TOTALS	39,384	405	277,101

RACER SAGINAW NODULAR INDUSTRIAL LAND (SAGINAW COUNTY)			
ORIGIN	MCW	IW	C&D
SAGINAW	0	13,708	154
TOTALS	0	13,708	154

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

RIVERVIEW LAND PRESERVE (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	266,641	0	41
LIVINGSTON	64	0	38
MACOMB	185,609	33,891	3,677
MONROE	233,855	2,069	26,614
OAKLAND	12,921	14,947	776
OHIO	0	0	4
WASHTENAW	1,211	1,064	430
WAYNE	688,472	38,996	621,404
TOTALS	1,388,773	90,967	652,984

SAUK TRAIL HILLS LANDFILL (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
JACKSON	0	13	0
LENAWEE	2	0	0
LIVINGSTON	48	5	248
MACOMB	0	79,645	109
MONROE	69	9,131	2,501
OAKLAND	430	21,030	882
OHIO	0	496	0
WASHTENAW	14,634	13,769	13,067
WAYNE	766,882	127,800	176,307
WEXFORD	0	0	7
TOTALS	782,065	251,889	193,121

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

SC HOLDINGS, INC. (BARRY COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	2,235	1,877	0
BARRY	53,701	3,929	14,973
CALHOUN	4,105	460	202
CLINTON	2,607	70	0
EATON	14,830	120	83
HILLSDALE	0	28	0
INGHAM	25	80	0
IONIA	29,765	170	87
JACKSON	0	220	0
KALAMAZOO	196	100	0
KENT	13,159	2,226	0
MONTCALM	27	0	0
OTTAWA	13	0	0
TOTALS	120,663	9,280	15,345

SMITHS CREEK LANDFILL (ST CLAIR COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	316,960	0	3,920
ST CLAIR	496,395	59,164	112,275
TOTALS	813,355	59,164	116,195

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

SOUTH KENT LANDFILL (KENT COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	62,798	0	0
BARRY	12,468	0	0
CALHOUN	104	0	0
EATON	196	0	0
GRATIOT	82	0	0
IONIA	1,134	0	0
KALAMAZOO	3,191	0	0
KENT	825,964	0	0
MECOSTA	98	0	0
MONTCALM	23	0	0
NEWAYGO	39	0	0
OCEANA	76	0	0
OTTAWA	36,161	0	0
TOTALS	942,334	0	0

SOUTHEAST BERRIEN COUNTY LANDFILL (BERRIEN COUNTY)			
ORIGIN	MCW	IW	C&D
BERRIEN	567,122	34,548	16,985
CASS	64,286	33,656	6,456
ILLINOIS	95,820	1,714	0
INDIANA	141,902	21,497	48,593
TOTALS	869,130	91,415	72,034

SPARTA FOUNDRY WASTE FACILITY (KENT COUNTY)			
ORIGIN	MCW	IW	C&D
KENT	0	3,218	0
TOTALS	0	3,218	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

ST MARYS CEMENT, INC. (CHARLEVOIX COUNTY)			
ORIGIN	MCW	IW	C&D
CHARLEVOIX	0	76,553	0
TOTALS	0	76,553	0

TRI-CITY RECYCLING AND DISPOSAL FACILITY (SANILAC COUNTY)			
ORIGIN	MCW	IW	C&D
HURON	15,911	12,833	113
LAPEER	10,630	212	0
SANILAC	60,946	11,523	4,480
TUSCOLA	8,891	1,216	61
TOTALS	96,378	25,784	4,654

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

VENICE PARK RECYCLING & DISPOSAL FACILITY (SHIAWASSEE COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	0	1,240	0
CLINTON	10,951	11,430	0
EATON	1,256	3,085	7
GENESEE	193,205	52,404	1,145
GRATIOT	1,634	20	110
INGHAM	46,011	9,044	8
IONIA	101	15	0
LAPEER	7,642	1,360	4
LIVINGSTON	91,652	15,227	247
MACOMB	0	130	0
MONTCALM	2,770	180	0
OAKLAND	3,275	3,075	9
SAGINAW	2,154	583	0
SHIAWASSEE	58,091	49,222	3,069
WAYNE	0	86,177	0
TOTALS	418,742	233,192	4,599

VERSO QUINNESEC, LLC (DICKINSON COUNTY)			
ORIGIN	MCW	IW	C&D
DICKINSON	0	119,551	0
TOTALS	0	119,551	0

VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL (MONROE COUNTY)			
ORIGIN	MCW	IW	C&D
MONROE	56,446	41,941	289
OHIO	532,301	545,235	134
WAYNE	0	42,816	0
TOTALS	588,747	629,992	423

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

WE ENERGIES PRESQUE ISLE POWER PLANT (MARQUETTE COUNTY)			
ORIGIN	MCW	IW	C&D
MARQUETTE	0	20,908	0
TOTALS	0	20,908	0

WESTSIDE RECYCLING & DISPOSAL FACILITY (ST JOSEPH COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	81	7,444	0
BARRY	20	450	0
BERRIEN	0	5,061	23
BRANCH	18,234	370	195
CALHOUN	90,383	8,789	100
CASS	20,619	6,099	322
EATON	3	0	0
GENESEE	0	7	0
HILLSDALE	0	16	0
INDIANA	54,100	6,401	1,586
INGHAM	0	52	0
IONIA	7	0	0
KALAMAZOO	135,983	150,367	758
ST JOSEPH	126,875	116,077	5,939
VAN BUREN	13,687	1,040	0
TOTALS	459,992	302,173	8,923

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

WEXFORD COUNTY LANDFILL, LLC (WEXFORD COUNTY)			
ORIGIN	MCW	IW	C&D
ALCONA	0	4,917	0
ANTRIM	31	46	804
BENZIE	5,926	517	1,976
CANADA	408	0	0
CHARLEVOIX	58,456	0	77
CLARE	3,390	1,175	448
CRAWFORD	44	870	0
EMMET	0	646	3
GRAND TRAVERSE	306,523	2,637	1,637
ILLINOIS	0	0	3
INDIANA	0	0	11
IOWA	0	0	4
KALKASKA	67,119	25,274	1,033
KANSAS	0	0	1
MANISTEE	10	122	1,243
MINNESOTA	0	0	6
MISSAUKEE	29,979	7,043	6,450
MISSISSIPPI	0	0	1
MUSKEGON	0	480	0
OSCEOLA	1,606	940	2,090
OTSEGO	0	139	8
WEXFORD	57,541	14,332	23,948
TOTALS	531,033	59,138	39,743

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

WHITEFEATHER LANDFILL (BAY COUNTY)			
ORIGIN	MCW	IW	C&D
ANTRIM	22	0	0
ARENAC	26,339	1,074	5,065
BAY	139,638	57,450	27,836
CLARE	8,845	472	410
GENESEE	110	0	2
GLADWIN	43,726	8,199	2,775
GRAND TRAVERSE	33	0	0
GRATIOT	17	0	0
IOSCO	58,935	1,303	6,304
ISABELLA	5,347	15,814	1,176
MIDLAND	0	860	0
OGEMAW	25,667	918	20,572
ROSCOMMON	38,032	690	1,532
SAGINAW	43,914	9,090	5,568
TUSCOLA	80	3,907	0
TOTALS	390,705	99,777	71,240

WOOD ISLAND WASTE MANAGEMENT, INC. (ALGER COUNTY)			
ORIGIN	MCW	IW	C&D
ALGER	22,813	14,726	0
CHIPPEWA	819	0	0
DELTA	1,917	0	0
DICKINSON	60,580	7,651	0
HOUGHTON	785	0	0
LUCE	360	0	0
SCHOOLCRAFT	3,366	0	0
WISCONSIN	3,355	35	0
TOTALS	93,995	22,412	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2016
 (All Values are in Cubic Yards)

WOODLAND MEADOWS RDF-VAN BUREN (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	0	4,884	0
GENESEE	0	20	0
JACKSON	2,607	116,540	0
LENAWEE	56,212	2,064	0
LIVINGSTON	7,576	1,078	0
MACOMB	1,441	30,716	50
MONROE	200,500	32,352	0
OAKLAND	169,995	31,987	1,613
OHIO	0	44	0
WASHTENAW	459,049	23,384	2,503
WAYNE	941,432	1,632,152	16,944
TOTALS	1,838,812	1,875,221	21,110