



REPORT OF SOLID WASTE LANDFILLED IN MICHIGAN

October 1, 2017 - September 30, 2018

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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, 2017 - September 30, 2018, and is the twenty third 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 52,445,215 cubic yards, an increase of 1,840,523 cubic yards or about 3.6 percent over the fiscal year (FY) 2017 report data. Waste generated in Michigan increased from 37,723,925 cubic yards in the previous reporting period to 39,932,328 cubic yards, an increase of about 5.9 percent. Total imports of waste into Michigan landfills decreased from the previous reporting period from 12,880,767 cubic yards to 12,512,887 cubic yards, a decrease of about 2.9 percent. The largest source of waste imports to Michigan continues to be from Canada, with total reported imports to landfills of 9,770,385 cubic yards, down 802,537 cubic yards or about 7.6 percent from the FY 2017 report data. Canadian waste imports equal about 18.6 percent of all waste disposed in Michigan landfills. Waste reported from other states and Canada totaled about 23.9 percent of all solid waste disposed in Michigan landfills. Imported waste comprised 25.5 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-three FYs. Imports from other states increased to 2,742,502 cubic yards from 2,307,845 cubic yards, an increase of about 18.8 percent. This information is presented in Tables 1 and 2 and

Figures 1 and 2 and show 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 2018 that amount was 50,991,291 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 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	37,488,887	8,883,958	2,690,793	49,063,638
FY 2017	37,723,925	10,572,922	2,307,845	50,604,692
FY 2018	39,932,328 ⁴	9,770,385 ⁵	2,742,502 ⁶	52,445,215 ⁷

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

Fiscal Year	Michigan	Canada	Other States
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%
FY 2017	74.5%	20.9%	4.6%
FY 2018	76.1%	18.6%	5.2%

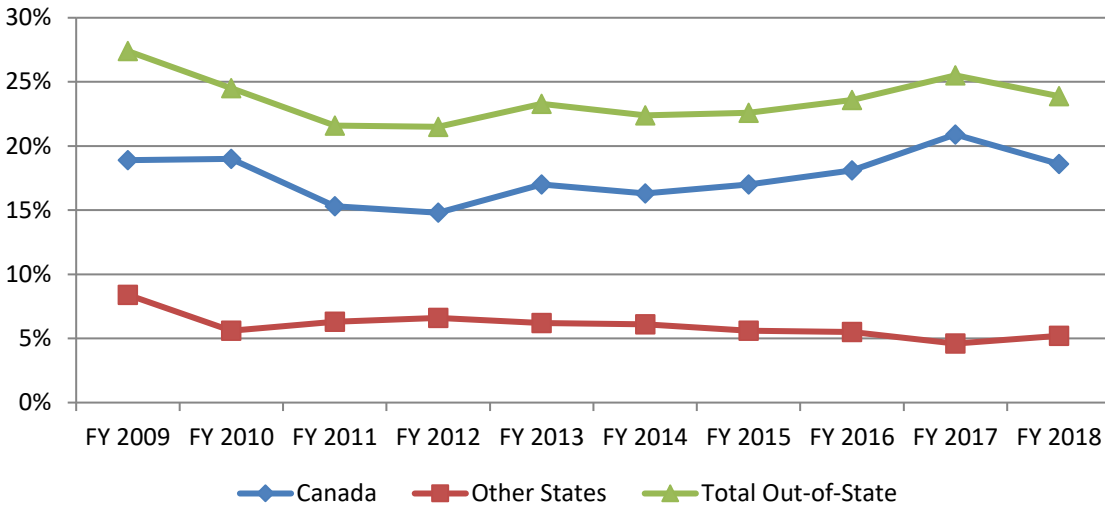
⁴ MICHIGAN WASTE: 13,310,780 tons

⁵ CANADIAN WASTE: 3,256,795 tons

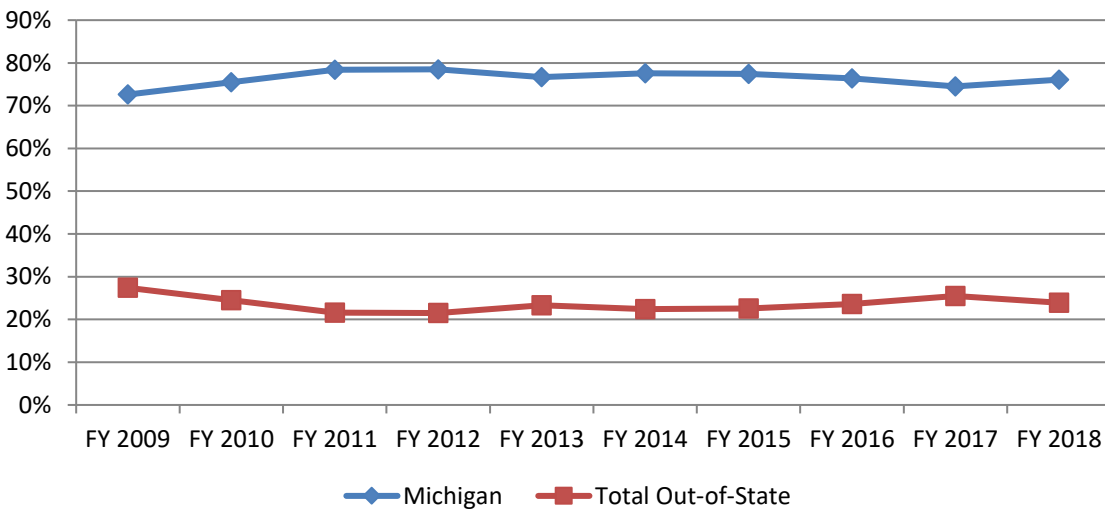
⁶ OTHER STATES WASTE: 914,167 tons

⁷ TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS: 17,481,740 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	23,840,505	9,360,869	33,201,374
MCW – MSW* INCINERATOR ASH	43,833	0	43,833
SUBTOTAL MCW	23,884,338	9,360,869	33,245,207
IW	9,022,889	1,579,688	10,602,577
IW – SEGREGATED	970,257	0	970,257
IW – SEGREGATED MIXED	397,234	0	397,234
SUBTOTAL IW	10,390,380	1,579,688	11,970,068
C&D	5,657,610	1,572,330	7,229,940
GRAND TOTAL	39,932,328	12,512,887	52,445,215

*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 - Coal Ash	1,139,070	5,835	1,144,905
IW - Foundry Sand	214,468	14,780	229,248
IW - General	5,281,041	1,104,379	6,385,420
IW - Wood Ash	105,690	0	105,690
IW - Wastewater Sludges	367,636	31,440	399,076
IW - Other	1,565,021	4,395	1,569,416
IW - Wood/Paper Sludges	68,755	1,003	69,758
IW - Other Sludges	198,684	53,280	251,964
IW - Alternative Daily Cover	1,052,623	363,309	1,415,932
IW - Cement Kiln Dust	355,710	1,267	356,977
IW-Wood/Paper Sediment	41,682	0	41,682
GRAND TOTAL	10,390,380	1,579,688	11,970,068

WASTE IMPORTS

Based on the reported information for FY 2018, the solid waste industry in Michigan imported solid waste from 11 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 2018 (Volume in Cubic Yards)				
WASTE ORIGIN	MCW	IW	C&D	TOTAL WASTE
CANADA	8,183,396	190,437	1,396,552	9,770,385
CONNECTICUT	0	126,138	0	126,138
ILLINOIS	18,700	380	17	19,097
INDIANA	437,208	40,856	80,549	558,613
IOWA	0	0	10	10
KANSAS	0	0	7	7
MISSOURI	0	0	4	4
NEW JERSEY	0	21,956	0	21,956
OHIO	525,211	1,176,974	90,415	1,792,600
PENNSYLVANIA	0	42	0	42
WEST VIRGINIA	0	0	100	100
WISCONSIN	196,354	22,905	4,676	223,935

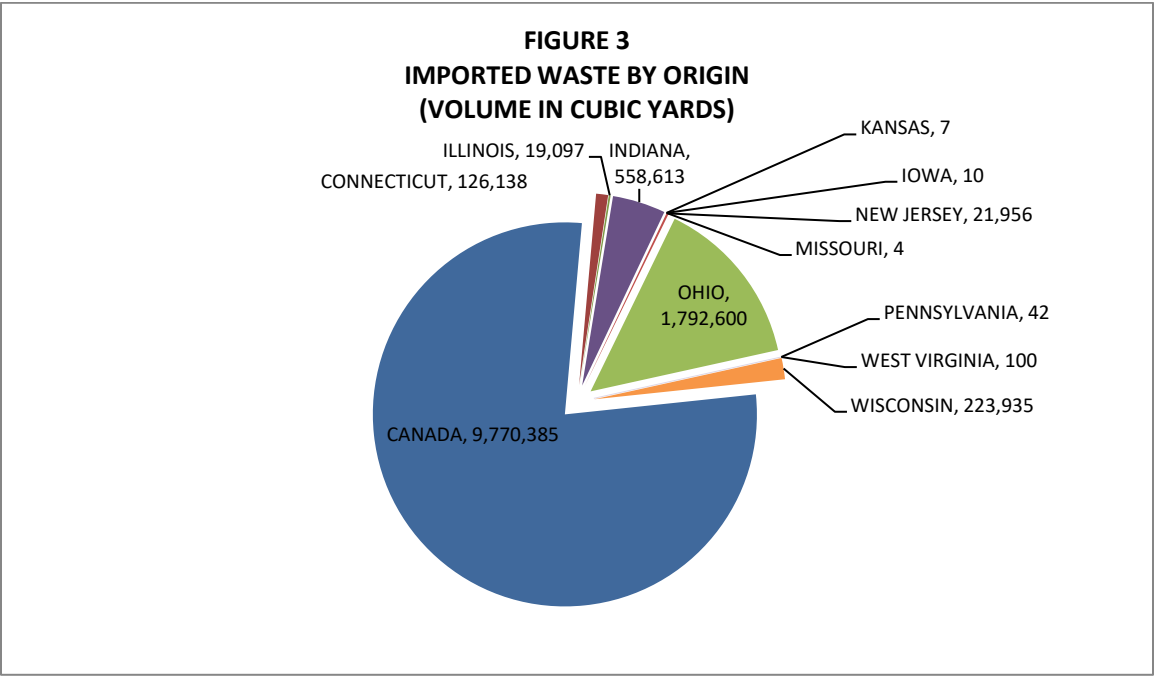


Table 5 shows the total amount of waste imported into each county from all out-of-state sources.

**TABLE 5
IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN - FY 2018
(Volume in Cubic Yards)**

COUNTY	WASTE ORIGIN	WASTE VOLUME
ALGER	WISCONSIN	3,358
BERRIEN	ILLINOIS	19,080
BERRIEN	INDIANA	393,195
CHIPPEWA	CANADA	75,203
DICKINSON	WISCONSIN	33
GENESEE	CANADA	990,503
GENESEE	CONNECTICUT	126,138
GENESEE	NEW JERSEY	21,956
GENESEE	OHIO	28,636
JACKSON	OHIO	115,189
MACOMB	CANADA	3,851,502
MACOMB	OHIO	780
MENOMINEE	WISCONSIN	109,623
MONROE	OHIO	1,236,106
ONTONAGON	WISCONSIN	110,914
ST CLAIR	CANADA	388,170

TABLE 5
IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN - FY 2018
(Volume in Cubic Yards)

COUNTY	WASTE ORIGIN	WASTE VOLUME
ST JOSEPH	INDIANA	155,601
WASHTENAW	OHIO	80,944
WAYNE	CANADA	4,465,007
WAYNE	INDIANA	9,800
WAYNE	OHIO	330,928
WAYNE	WEST VIRGINIA	100
WEXFORD	ILLINOIS	17
WEXFORD	INDIANA	17
WEXFORD	IOWA	10
WEXFORD	KANSAS	7
WEXFORD	MISSOURI	4
WEXFORD	OHIO	17
WEXFORD	PENNSYLVANIA	42
WEXFORD	WISCONSIN	7

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 2018 (Volume in Cubic Yards)	
COUNTY	WASTE VOLUME
ALCONA	7,214
ALGER	35,132
ALLEGAN	433,277
ALPENA	393,504
ANTRIM	19,725
ARENAC	36,814
BARAGA	35,609
BARRY	91,105
BAY	492,495
BENZIE	27,175
BERRIEN	941,340
BRANCH	152,187
CALHOUN	463,210
CASS	181,053
CHARLEVOIX	179,570
CHEBOYGAN	110,086
CHIPPEWA	117,386
CLARE	92,219
CLINTON	177,273
CRAWFORD	65,234
DELTA	150,933
DICKINSON	251,627
EATON	318,026
EMMET	112,103
GENESEE	1,438,422
GLADWIN	59,935
GOGEBIC	25,497
GRAND TRAVERSE	394,170
GRATIOT	173,136
HILLSDALE	69,335
HOUGHTON	79,912
HURON	151,610
INGHAM	1,036,416

**TABLE 6
TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY - FY 2018
(Volume in Cubic Yards)**

COUNTY	WASTE VOLUME
IONIA	135,832
IOSCO	139,209
IRON	13,791
ISABELLA	120,202
JACKSON	487,439
KALAMAZOO	1,307,513
KALKASKA	113,673
KENT	2,110,561
KEWEENAW	2,747
LAKE	14,999
LAPEER	302,649
LEELANAU	34,673
LENAWEE	193,810
LIVINGSTON	377,512
LUCE	7,548
MACKINAC	21,568
MACOMB	2,202,139
MANISTEE	304,629
MARQUETTE	197,354
MASON	110,495
MECOSTA	63,797
MENOMINEE	59,697
MIDLAND	418,802
MISSAUKEE	51,168
MONROE	979,591
MONTCALM	120,241
MONTMORENCY	46,232
MUSKEGON	708,676
NEWAYGO	128,591
OAKLAND	4,314,899
OCEANA	58,528
OGEMAW	27,089
ONTONAGON	10,207
OSCEOLA	49,721
OSCODA	21,959
OTSEGO	90,777
OTTAWA	1,279,874

TABLE 6 TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY - FY 2018 (Volume in Cubic Yards)	
COUNTY	WASTE VOLUME
PRESQUE ISLE	20,336
ROSCOMMON	72,443
SAGINAW	625,870
SANILAC	97,938
SCHOOLCRAFT	71,775
SHIAWASSEE	205,614
ST CLAIR	1,020,651
ST JOSEPH	260,176
TUSCOLA	105,728
VAN BUREN	199,915
WASHTENAW	1,071,202
WAYNE	11,120,894
WEXFORD	118,864

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 2018 (Volume in Cubic Yards)	
COUNTY	TOTAL WASTE VOLUME
ALGER	153,352
ALPENA	291,000
BARRY	144,209
BAY	577,999
BERRIEN	1,880,892
CALHOUN	1,257,358
CHARLEVOIX	61,526
CHIPPEWA	133,098
CLARE	333,963
CLINTON	1,628,928
CRAWFORD	252,118
DELTA	181,309

**TABLE 6A
TOTAL WASTE DISPOSED BY COUNTY - FY 2018
(Volume in Cubic Yards)**

COUNTY	TOTAL WASTE VOLUME
DICKINSON	139,063
GENESEE	3,201,819
HURON	196,626
IONIA	298,949
JACKSON	467,492
KENT	1,102,416
LEELANAU	97,789
MACOMB	6,178,232
MANISTEE	429,274
MARQUETTE	183,838
MENOMINEE	154,159
MIDLAND	428,782
MONROE	1,661,879
MONTCALM	653,850
MONTMORENCY	198,271
MUSKEGON	358,978
OAKLAND	2,454,559
ONTONAGON	254,077
OTTAWA	2,686,069
PRESQUE ISLE	322,199
SAGINAW	588,258
SANILAC	100,851
SCHOOLCRAFT	87,421
SHIAWASSEE	690,743
ST CLAIR	1,408,816
ST JOSEPH	1,072,280
WASHTENAW	4,990,699
WAYNE	14,472,544
WEXFORD	669,530

FACILITY INFORMATION

The total of MCW disposed, total of IW and C&D disposed, and total volume disposed at each of the 66 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.	3,105,321	1,885,378	4,990,699
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	478,978	545,600	1,024,578
BRENT RUN LANDFILL	922,174	1,295,616	2,217,790
C AND C EXPANDED SANITARY LANDFILL	872,005	385,353	1,257,358
CARLETON FARMS LANDFILL	3,995,731	2,158,385	6,154,116
CENTRAL SANITARY LANDFILL	598,905	54,945	653,850
CITIZENS DISPOSAL, INC.	479,276	504,753	984,029
CITY ENVIRONMENTAL SERVICES, INC., OF WATERS	168,831	83,287	252,118
CITY OF LIVONIA LANDFILL	2,695	0	2,695
CITY OF MIDLAND SANITARY LANDFILL	142,225	286,557	428,782
CONSUMERS ENERGY DE KARN	0	69,731	69,731
CONSUMERS ENERGY J H CAMPBELL COMPLEX	0	249,652	249,652
CONSUMERS WEADOCK COMPLEX	0	21,454	21,454
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	222,837	136,141	358,978
DAFTER SANITARY LANDFILL	130,526	2,572	133,098
DELTA COUNTY LANDFILL	62,181	57,927	120,108
DETROIT EDISON CO RANGE ROAD ASH DISPOSAL	0	234,087	234,087
DETROIT EDISON CO SIBLEY QUARRY	0	108,925	108,925
DTE MONROE POWER PLANT	0	287,101	287,101

TABLE 7
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2018
(Volume in Cubic Yards)

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
EAGLE VALLEY RECYCLE AND DISPOSAL FACILITY	1,095,702	432,428	1,528,130
ELK RUN LANDFILL	259,611	62,588	322,199
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	0	12,502	12,502
GLENS SANITARY LANDFILL	67,373	30,416	97,789
GRANGER GRAND RIVER LANDFILL	6,327	0	6,327
GRANGER WOOD STREET LANDFILL	1,622,601	0	1,622,601
HAYWIRE LANDFILL	0	35,732	35,732
HIAWATHA SHORES LANDFILL, INC.	36,184	15,505	51,689
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL	0	8,548	8,548
HURON LANDFILL CORP. - DBA HURON LANDFILL	118,867	77,759	196,626
K AND W LANDFILL	224,780	16,795	241,575
LAFARGE MIDWEST, INC.	0	291,000	291,000
LIBERTY ENVIRONMENTALISTS LANDFILL	0	207,726	207,726
MANISTEE COUNTY LANDFILL, INC.	200,317	228,957	429,274
MARQUETTE COUNTY LANDFILL	94,065	85,301	179,366
MATLIN ROAD LANDFILL	0	1,346	1,346
MCGILL ROAD LANDFILL	180,249	79,517	259,766
MICHIGAN ENVIRONS, INC.	112,352	41,807	154,159
MONTMORENCY-OSCODA-ALPENA SWMA	138,414	59,857	198,271
NIAGARA DEVELOPMENT, LLC	0	28,930	28,930
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	239,319	94,644	333,963
OAKLAND HEIGHTS DEVELOPMENT, INC.	593,467	332,962	926,429
ORCHARD HILL SANITARY LANDFILL	666,012	0	666,012
OTTAWA COUNTY FARMS LANDFILL	744,212	659,079	1,403,291
PEOPLES LANDFILL, INC.	454,193	120,076	574,269
PINE TREE ACRES, INC.	5,126,562	1,051,670	6,178,232
PITSCH SANITARY LANDFILL	19,373	279,576	298,949

**TABLE 7
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2018
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
RACER SAGINAW NODULAR INDUSTRIAL LAND	0	13,989	13,989
REPUBLIC SERVICES OF PINCONNING	270,665	216,149	486,814
RIVERVIEW LAND PRESERVE	1,357,707	592,475	1,950,182
SAUK TRAIL HILLS LANDFILL	785,198	687,230	1,472,428
SC HOLDINGS, INC.	120,149	24,060	144,209
SMITHS CREEK LANDFILL	922,759	251,970	1,174,729
SOUTH KENT LANDFILL	1,099,813	0	1,099,813
SOUTHEAST BERRIEN COUNTY LANDFILL	941,932	272,948	1,214,880
SPARTA FOUNDRY WASTE FACILITY	0	2,603	2,603
ST MARYS CEMENT, INC.	0	61,526	61,526
TRI-CITY RECYCLING AND DISPOSAL FACILITY	74,818	26,033	100,851
VENICE PARK RECYCLING AND DISPOSAL FACILITY	441,848	248,895	690,743
VERSO ESCANABA, LLC	0	61,201	61,201
VERSO QUINNESEC, LLC	0	110,133	110,133
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	584,066	789,366	1,373,432
WE ENERGIES PRESQUE ISLE POWER PLANT	0	4,472	4,472
WESTSIDE RECYCLING AND DISPOSAL FACILITY	579,559	492,721	1,072,280
WEXFORD COUNTY LANDFILL, LLC	560,846	108,684	669,530
WOOD ISLAND WASTE MANAGEMENT, INC.	125,593	27,759	153,352
WOODLAND MEADOWS RDF-VAN BUREN	2,198,589	2,585,609	4,784,198

**TABLE 8
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2018
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND CANDD DISPOSED	TOTAL WASTE DISPOSED
PINE TREE ACRES, INC.	5,126,562	1,051,670	6,178,232
CARLETON FARMS LANDFILL	3,995,731	2,158,385	6,154,116
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	3,105,321	1,885,378	4,990,699
WOODLAND MEADOWS RDF- VAN BUREN	2,198,589	2,585,609	4,784,198
GRANGER WOOD STREET LANDFILL	1,622,601	0	1,622,601
RIVERVIEW LAND PRESERVE	1,357,707	592,475	1,950,182
SOUTH KENT LANDFILL	1,099,813	0	1,099,813
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	1,095,702	432,428	1,528,130
SOUTHEAST BERRIEN COUNTY LANDFILL	941,932	272,948	1,214,880
SMITHS CREEK LANDFILL	922,759	251,970	1,174,729
BRENT RUN LANDFILL	922,174	1,295,616	2,217,790
C & C EXPANDED SANITARY LANDFILL	872,005	385,353	1,257,358
SAUK TRAIL HILLS LANDFILL	785,198	687,230	1,472,428
OTTAWA COUNTY FARMS LANDFILL	744,212	659,079	1,403,291
ORCHARD HILL SANITARY LANDFILL	666,012	0	666,012
CENTRAL SANITARY LANDFILL	598,905	54,945	653,850
OAKLAND HEIGHTS DEVELOPMENT, INC.	593,467	332,962	926,429
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	584,066	789,366	1,373,432
WESTSIDE RECYCLING & DISPOSAL FACILITY	579,559	492,721	1,072,280
WEXFORD COUNTY LANDFILL, LLC	560,846	108,684	669,530
CITIZENS DISPOSAL, INC.	479,276	504,753	984,029
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	478,978	545,600	1,024,578
PEOPLES LANDFILL, INC.	454,193	120,076	574,269
VENICE PARK RECYCLING & DISPOSAL FACILITY	441,848	248,895	690,743

**TABLE 8
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2018
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND CANDD DISPOSED	TOTAL WASTE DISPOSED
REPUBLIC SERVICES OF PINCONNING	270,665	216,149	486,814
ELK RUN LANDFILL	259,611	62,588	322,199
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	239,319	94,644	333,963
K & W LANDFILL	224,780	16,795	241,575
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	222,837	136,141	358,978
MANISTEE COUNTY LANDFILL, INC.	200,317	228,957	429,274
MCGILL ROAD LANDFILL	180,249	79,517	259,766
CITY ENVIRONMENTAL SERVICES, INC., OF WATERS	168,831	83,287	252,118
CITY OF MIDLAND SANITARY LANDFILL	142,225	286,557	428,782
MONTMORENCY-OSCODA-ALPENA SWMA	138,414	59,857	198,271
DAFTER SANITARY LANDFILL	130,526	2,572	133,098
WOOD ISLAND WASTE MANAGEMENT, INC.	125,593	27,759	153,352
SC HOLDINGS, INC.	120,149	24,060	144,209
HURON LANDFILL CORP. - DBA HURON LANDFILL	118,867	77,759	196,626
MICHIGAN ENVIRONS, INC.	112,352	41,807	154,159
MARQUETTE COUNTY LANDFILL	94,065	85,301	179,366
TRI-CITY RECYCLING AND DISPOSAL FACILITY	74,818	26,033	100,851
GLENS SANITARY LANDFILL	67,373	30,416	97,789
DELTA COUNTY LANDFILL	62,181	57,927	120,108
HIAWATHA SHORES LANDFILL, INC.	36,184	15,505	51,689
PITSCH SANITARY LANDFILL	19,373	279,576	298,949
GRANGER GRAND RIVER LANDFILL	6,327	0	6,327
CITY OF LIVONIA LANDFILL	2,695	0	2,695

**TABLE 9
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2018
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
WOODLAND MEADOWS RDF- VAN BUREN	2,198,589	2,585,609	4,784,198
CARLETON FARMS LANDFILL	3,995,731	2,158,385	6,154,116
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	3,105,321	1,885,378	4,990,699
BRENT RUN LANDFILL	922,174	1,295,616	2,217,790
PINE TREE ACRES, INC.	5,126,562	1,051,670	6,178,232
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	584,066	789,366	1,373,432
SAUK TRAIL HILLS LANDFILL	785,198	687,230	1,472,428
OTTAWA COUNTY FARMS LANDFILL	744,212	659,079	1,403,291
RIVERVIEW LAND PRESERVE	1,357,707	592,475	1,950,182
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	478,978	545,600	1,024,578
CITIZENS DISPOSAL, INC.	479,276	504,753	984,029
WESTSIDE RECYCLING AND DISPOSAL FACILITY	579,559	492,721	1,072,280
EAGLE VALLEY RECYCLE AND DISPOSAL FACILITY	1,095,702	432,428	1,528,130
C AND C EXPANDED SANITARY LANDFILL	872,005	385,353	1,257,358
OAKLAND HEIGHTS DEVELOPMENT, INC.	593,467	332,962	926,429
LAFARGE MIDWEST, INC.	0	291,000	291,000
DTE MONROE POWER PLANT	0	287,101	287,101
CITY OF MIDLAND SANITARY LANDFILL	142,225	286,557	428,782
PITSCH SANITARY LANDFILL	19,373	279,576	298,949
SOUTHEAST BERRIEN COUNTY LANDFILL	941,932	272,948	1,214,880
SMITHS CREEK LANDFILL	922,759	251,970	1,174,729
CONSUMERS ENERGY J H CAMPBELL COMPLEX	0	249,652	249,652
VENICE PARK RECYCLING AND DISPOSAL FACILITY	441,848	248,895	690,743
DETROIT EDISON CO RANGE ROAD ASH DISPOSAL	0	234,087	234,087

TABLE 9
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2018
(Volume in Cubic Yards)

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
MANISTEE COUNTY LANDFILL, INC.	200,317	228,957	429,274
REPUBLIC SERVICES OF PINCONNING	270,665	216,149	486,814
LIBERTY ENVIRONMENTALISTS LANDFILL	0	207,726	207,726
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	222,837	136,141	358,978
PEOPLES LANDFILL, INC.	454,193	120,076	574,269
VERSO QUINNESEC, LLC	0	110,133	110,133
DETROIT EDISON CO SIBLEY QUARRY	0	108,925	108,925
WEXFORD COUNTY LANDFILL, LLC	560,846	108,684	669,530
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	239,319	94,644	333,963
MARQUETTE COUNTY LANDFILL	94,065	85,301	179,366
CITY ENVIRONMENTAL SERVICES INC OF WATERS	168,831	83,287	252,118
MCGILL ROAD LANDFILL	180,249	79,517	259,766
HURON LANDFILL CORP. - DBA HURON LANDFILL	118,867	77,759	196,626
CONSUMERS ENERGY DE KARN	0	69,731	69,731
ELK RUN LANDFILL	259,611	62,588	322,199
ST MARYS CEMENT, INC.	0	61,526	61,526
VERSO ESCANABA, LLC	0	61,201	61,201
MONTMORENCY-OSCODA- ALPENA SWMA	138,414	59,857	198,271
DELTA COUNTY LANDFILL	62,181	57,927	120,108
CENTRAL SANITARY LANDFILL	598,905	54,945	653,850
MICHIGAN ENVIRONS, INC.	112,352	41,807	154,159
HAYWIRE LANDFILL	0	35,732	35,732
GLENS SANITARY LANDFILL	67,373	30,416	97,789
NIAGARA DEVELOPMENT, LLC	0	28,930	28,930
WOOD ISLAND WASTE MANAGEMENT, INC.	125,593	27,759	153,352
TRI-CITY RECYCLING AND DISPOSAL FACILITY	74,818	26,033	100,851
SC HOLDINGS, INC.	120,149	24,060	144,209

**TABLE 9
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2018
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW AND C&D DISPOSED	TOTAL WASTE DISPOSED
CONSUMERS WEADOCK COMPLEX	0	21,454	21,454
K AND W LANDFILL	224,780	16,795	241,575
HIAWATHA SHORES LANDFILL, INC.	36,184	15,505	51,689
RACER SAGINAW NODULAR INDUSTRIAL LAND	0	13,989	13,989
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	0	12,502	12,502
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL	0	8,548	8,548
WE ENERGIES PRESQUE ISLE POWER PLANT	0	4,472	4,472
SPARTA FOUNDRY WASTE FACILITY	0	2,603	2,603
DAFTER SANITARY LANDFILL	130,526	2,572	133,098
MATLIN ROAD LANDFILL	0	1,346	1,346

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 2018 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 2018
(Volume in Cubic Yards)**

FACILITY NAME	(A) REMAINING CAPACITY	(B) CAPACITY USED IN FY 2018	(C) PROJECTED YEARS OF REMAINING CAPACITY	(D) CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	17,459,200	1,865,800	9	9
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	21,477,200	397,800	62	54
BRENT RUN LANDFILL	15,256,974	967,218	16	16
C AND C EXPANDED SANITARY LANDFILL	41,604,797	495,214	84	84
CARLETON FARMS LANDFILL	53,839,422	2,344,425	23	23
CENTRAL SANITARY LANDFILL	8,649,401	279,642	36	31
CITIZENS DISPOSAL, INC.	6,032,144	364,922	17	17
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	14,986,953	126,060	119	119
CITY OF MIDLAND SANITARY LANDFILL	6,971,325	178,492	46	39
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	659,110	142,810	4	5
DAFTER SANITARY LANDFILL	3,470,999	40,660	85	85
DELTA COUNTY LANDFILL	5,967,623	55,000	111	109
DETROIT EDISON CO SIBLEY QUARRY	18,032,253	99,628	166	181
EAGLE VALLEY RECYCLE AND DISPOSAL FACILITY	9,810,000	707,000	22	14
ELK RUN LANDFILL	1,636,246	129,355	14	13
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	514,224	15,000	34	34
GLENS SANITARY LANDFILL	17,877,748	48,895	366	366
GRANGER GRAND RIVER LANDFILL	5,412,839	3,162	999	1,712
GRANGER WOOD STREET LANDFILL	16,273,586	808,016	20	20
HIAWATHA SHORES LANDFILL, INC.	1,803,891	28,471	69	63
HURON LANDFILL CORP. - DBA HURON LANDFILL	368,074	96,465	4	4
K AND W LANDFILL	1,536,655	110,720	20	14
LIBERTY ENVIRONMENTALISTS LANDFILL	2,515,049	207,726	14	12
MANISTEE COUNTY LANDFILL, INC.	8,655,132	194,793	46	44
MARQUETTE COUNTY LANDFILL	650,000	42,104	8	15
MATLIN ROAD LANDFILL	345,836	1,044	126	331
MCGILL ROAD LANDFILL	490,100	116,300	5	4
MICHIGAN ENVIRONS, INC.	2,256,446	63,330	28	36
MONTMORENCY-OSCODA-ALPENA SWMA	2,116,768	82,650	25	26

**TABLE 10
FACILITY CAPACITY AND YEARS REMAINING FOR
NONCAPTIVE FACILITIES - FY 2018
(Volume in Cubic Yards)**

FACILITY NAME	(A) REMAINING CAPACITY	(B) CAPACITY USED IN FY 2018	(C) PROJECTED YEARS OF REMAINING CAPACITY	(D) CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
NIAGARA DEVELOPMENT, LLC	1,866,507	28,971	64	64
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	6,573,288	166,982	39	39
OAKLAND HEIGHTS DEVELOPMENT, INC.	1,498,874	284,231	5	5
ORCHARD HILL SANITARY LANDFILL	16,580,517	277,505	60	60
OTTAWA COUNTY FARMS LANDFILL	34,490,045	685,547	50	50
PEOPLES LANDFILL, INC.	5,481,812	186,393	27	29
PINE TREE ACRES, INC.	37,038,870	1,801,612	23	21
PITSCH SANITARY LANDFILL	1,837,069	298,948	21	6
REPUBLIC SERVICES OF PINCONNING	1,815,989	150,134	10	12
RIVERVIEW LAND PRESERVE	9,527,488	746,780	13	13
SAUK TRAIL HILLS LANDFILL	6,274,418	508,158	12	12
SC HOLDINGS, INC.	2,046,310	61,144	36	33
SMITHS CREEK LANDFILL	18,323,104	430,575	43	43
SOUTH KENT LANDFILL	5,104,737	625,245	10	8
SOUTHEAST BERRIEN COUNTY LANDFILL	4,492,169	344,328	13	13
TRI-CITY RECYCLING AND DISPOSAL FACILITY	16,776,150	24,000	208	699
VENICE PARK RECYCLING AND DISPOSAL FACILITY	7,878,103	241,312	32	33
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	4,482,835	357,165	13	13
WESTSIDE RECYCLING AND DISPOSAL FACILITY	36,118,692	515,952	106	70
WEXFORD COUNTY LANDFILL, LLC	18,823,291	293,445	63	64
WOOD ISLAND WASTE MANAGEMENT, INC.	2,144,932	84,032	30	26
WOODLAND MEADOWS RDF-VAN BUREN	11,686,000	1,676,000	7	7
TOTAL	537,531,195	19,801,161		

Based on current capacity used for FY 2018 (19,801,161 cubic yards) and total remaining capacity at noncaptive facilities (537,531,195 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: Advanced Disposal Services Arbor Hills Landfill, Inc., and C and C Expanded Sanitary 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 2018
 (All Values are in Cubic Yards)

ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC. (WASHTENAW COUNTY)			
ORIGIN	MCW	IW	C&D
GENESEE	26	112	570
INGHAM	203	142	1,292
LIVINGSTON	43,361	6,047	39,239
MACOMB	247,245	87,183	46,998
MONROE	720	82	30
OAKLAND	1,225,314	102,787	211,622
OHIO	5,190	75,730	24
WASHTENAW	389,664	122,889	152,526
WAYNE	1,193,598	441,987	596,118
TOTALS	3,105,321	836,959	1,048,419

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY (OTTAWA COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	45,754	105,327	6,635
BARRY	208	75	20
BERRIEN	20	1,005	281
BRANCH	0	3	0
CASS	0	40	0
EATON	0	102	34
IONIA	5,613	65	16
KALAMAZOO	25	32,565	184
KENT	88,879	64,595	4,503
MASON	0	180	0
MECOSTA	42	100	0
MONTCALM	352	11,870	0
MUSKEGON	53,495	72,841	255
NEWAYGO	21	81	0
OTTAWA	284,176	206,116	31,007
ST JOSEPH	0	20	78
VAN BUREN	393	7,171	431
TOTALS	478,978	502,156	43,444

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

BRENT RUN LANDFILL (GENESEE COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	55	0	60
BAY	17,343	3,066	16,252
CANADA	246,949	36	735,821
CLINTON	40	1,610	183
CONNECTICUT	0	126,138	0
EATON	143	0	408
GENESEE	319,630	16,118	130,618
GRATIOT	1,546	127	1,757
HURON	0	137	0
INGHAM	340	0	5,585
JACKSON	0	0	9
LAPEER	203,571	659	36,831
LIVINGSTON	555	109	1,302
NEW JERSEY	0	21,956	0
OAKLAND	12,984	1,202	24,388
OHIO	0	28,586	0
SAGINAW	62,849	1,884	88,269
SANILAC	14,054	2,021	158
SHIAWASSEE	35,974	0	8,306
TUSCOLA	5,940	118	4,367
WASHTENAW	0	795	15
WAYNE	201	35,812	913
TOTALS	922,174	240,374	1,055,242

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

C AND C EXPANDED SANITARY LANDFILL (CALHOUN COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	0	12,054	81
BARRY	25	54	540
BERRIEN	112,049	3	56
BRANCH	64,685	31,726	38,043
CALHOUN	158,919	54,037	90,776
CLINTON	543	0	122
EATON	52,505	10,499	16,468
HILLSDALE	55,706	5,952	914
INGHAM	16,974	37,522	19,706
IONIA	18	0	0
JACKSON	19,754	1,504	1,888
KALAMAZOO	390,641	45,350	8,175
OTTAWA	0	6,899	0
ST JOSEPH	186	359	2,617
VAN BUREN	0	0	8
TOTALS	872,005	205,959	179,394

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

CARLETON FARMS LANDFILL (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	0	6	0
CANADA	3,389,374	177,185	656,180
INDIANA	0	9,800	0
JACKSON	0	45	0
LENAWEE	115,083	21,031	18,287
MACOMB	40	2,025	0
MONROE	35,577	4,365	42,281
OAKLAND	7,708	88,227	1,131
OHIO	90	250,450	0
WASHTENAW	15,395	2,652	6,564
WAYNE	432,464	758,253	119,803
WEST VIRGINIA	0	0	100
TOTALS	3,995,731	1,314,039	844,346

CENTRAL SANITARY LANDFILL (MONTCALM COUNTY)			
ORIGIN	MCW	IW	C&D
GRATIOT	16,853	0	249
IONIA	23,843	984	23
ISABELLA	19,632	3,966	43
KENT	330,012	30,108	781
LAKE	63	0	1,452
MECOSTA	45,399	353	2,784
MONTCALM	68,302	882	4,010
NEWAYGO	77,625	1,903	6,430
OSCEOLA	17,176	891	86
TOTALS	598,905	39,087	15,858

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

CITIZENS DISPOSAL, INC. (GENESEE COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	18	187	18
CANADA	7,697	0	0
CLINTON	0	7	0
EATON	0	20	0
GENESEE	346,325	239,167	132,151
INGHAM	0	2,094	1,611
JACKSON	0	1	0
LAPEER	15,818	161	824
LENAWEE	0	1	0
LIVINGSTON	39,631	6,139	18,836
OAKLAND	14,491	63,374	22,395
OHIO	50	0	0
SAGINAW	10,011	438	723
SANILAC	187	0	0
SHIAWASSEE	16,167	102	2,007
TUSCOLA	28,881	51	272
WASHTENAW	0	182	9
WAYNE	0	13,953	30
TOTALS	479,276	325,877	178,876

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

CITY ENVIRONMENTAL SERVICES, INC., OF WATERS (CRAWFORD COUNTY)			
ORIGIN	MCW	IW	C&D
ALPENA	0	5,270	90
ANTRIM	10,022	811	254
CHARLEVOIX	17,933	29,440	1,116
CHEBOYGAN	7,181	0	16
CRAWFORD	41,207	22,549	1,289
EMMET	0	480	336
GRAND TRAVERSE	4,566	30	0
IOSCO	12,544	0	0
KALKASKA	8,688	3,940	14
MACKINAC	17	160	0
OTSEGO	64,544	16,885	214
PRESQUE ISLE	28	80	1
ROSCOMMON	2,101	0	312
TOTALS	168,831	79,645	3,642

CITY OF LIVONIA LANDFILL (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
WAYNE	2,695	0	0
TOTALS	2,695	0	0

CITY OF MIDLAND SANITARY LANDFILL (MIDLAND COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	0	11,115	0
MIDLAND	142,225	117,607	157,835
TOTALS	142,225	128,722	157,835

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

CONSUMERS ENERGY DE KARN (BAY COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	0	69,731	0
TOTALS	0	69,731	0

CONSUMERS ENERGY J H CAMPBELL COMPLEX (OTTAWA COUNTY)			
ORIGIN	MCW	IW	C&D
OTTAWA	0	249,652	0
TOTALS	0	249,652	0

CONSUMERS WEADOCK COMPLEX (BAY COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	0	21,454	0
TOTALS	0	21,454	0

COUNTY OF MUSKEGON - SOLID WASTE LANDFILL (MUSKEGON COUNTY)			
ORIGIN	MCW	IW	C&D
LAKE	171	0	4,352
MUSKEGON	199,603	48,732	63,708
NEWAYGO	11,979	0	15,238
OCEANA	8,510	0	3,683
OTTAWA	2,574	0	428
TOTALS	222,837	48,732	87,409

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

DAFTER SANITARY LANDFILL (CHIPPEWA COUNTY)			
ORIGIN	MCW	IW	C&D
ALGER	1,488	0	0
CANADA	75,203	0	0
CHIPPEWA	26,745	1,611	0
LUCE	7,282	23	0
MACKINAC	19,663	938	0
SCHOOLCRAFT	145	0	0
TOTALS	130,526	2,572	0

DELTA COUNTY LANDFILL (DELTA COUNTY)			
ORIGIN	MCW	IW	C&D
DELTA	55,256	24,908	8,123
MARQUETTE	0	13,516	0
MENOMINEE	3,781	11,380	0
SCHOOLCRAFT	3,144	0	0
TOTALS	62,181	49,804	8,123

DETROIT EDISON CO RANGE ROAD ASH DISPOSAL (ST CLAIR COUNTY)			
ORIGIN	MCW	IW	C&D
ST CLAIR	0	234,087	0
TOTALS	0	234,087	0

DETROIT EDISON CO SIBLEY QUARRY (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
MONROE	0	12,648	0
WAYNE	0	96,277	0
TOTALS	0	108,925	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

DTE MONROE POWER PLANT (MONROE COUNTY)			
ORIGIN	MCW	IW	C&D
MONROE	0	287,101	0
TOTALS	0	287,101	0

EAGLE VALLEY RECYCLE AND DISPOSAL FACILITY (OAKLAND COUNTY)			
ORIGIN	MCW	IW	C&D
GENESEE	57	58	0
LAPEER	16,875	5,679	0
LIVINGSTON	0	392	0
MACOMB	6,777	121,559	0
OAKLAND	1,071,993	178,065	7,443
WAYNE	0	119,232	0
TOTALS	1,095,702	424,985	7,443

ELK RUN LANDFILL (PRESQUE ISLE COUNTY)			
ORIGIN	MCW	IW	C&D
ANTRIM	2,085	0	200
CHARLEVOIX	42	6	1,305
CHEBOYGAN	51,103	38,409	10,196
CHIPPEWA	87,840	0	0
EMMET	103,470	326	7,380
KALKASKA	0	6	0
MACKINAC	140	50	600
PRESQUE ISLE	14,931	220	3,890
TOTALS	259,611	39,017	23,571

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC (ONTONAGON COUNTY)			
ORIGIN	MCW	IW	C&D
BARAGA	0	12,475	0
ONTONAGON	0	27	0
TOTALS	0	12,502	0

GLENS SANITARY LANDFILL (LEELANAU COUNTY)			
ORIGIN	MCW	IW	C&D
ANTRIM	246	120	286
BENZIE	209	0	2,409
GRAND TRAVERSE	51,497	1,809	5,865
KALKASKA	305	0	171
LEELANAU	15,116	12,760	6,746
MANISTEE	0	150	100
TOTALS	67,373	14,839	15,577

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

GRANGER GRAND RIVER LANDFILL (CLINTON COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	2	0	0
BARRY	1	0	0
CALHOUN	40	0	0
CLINTON	490	0	0
EATON	284	0	0
GENESEE	185	0	0
GRATIOT	315	0	0
INGHAM	4,345	0	0
IONIA	64	0	0
ISABELLA	27	0	0
JACKSON	164	0	0
KALAMAZOO	82	0	0
KENT	11	0	0
LIVINGSTON	18	0	0
MONTCALM	1	0	0
OAKLAND	124	0	0
OTTAWA	3	0	0
SAGINAW	24	0	0
SHIAWASSEE	84	0	0
WASHTENAW	22	0	0
WAYNE	41	0	0
TOTALS	6,327	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

GRANGER WOOD STREET LANDFILL (CLINTON COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	162	0	0
BARRY	1,557	0	0
CALHOUN	52	0	0
CLINTON	155,208	0	0
EATON	205,371	0	0
GENESEE	396	0	0
GRATIOT	127,045	0	0
INGHAM	870,809	0	0
IONIA	39,926	0	0
ISABELLA	14,284	0	0
JACKSON	134,386	0	0
KALAMAZOO	2	0	0
LIVINGSTON	46,583	0	0
MONTCALM	2,371	0	0
OAKLAND	23	0	0
SAGINAW	2,029	0	0
SHIAWASSEE	22,376	0	0
WASHTENAW	21	0	0
TOTALS	1,622,601	0	0

HAYWIRE LANDFILL (SCHOOLCRAFT COUNTY)			
ORIGIN	MCW	IW	C&D
SCHOOLCRAFT	0	35,732	0
TOTALS	0	35,732	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

HIAWATHA SHORES LANDFILL, INC. (SCHOOLCRAFT COUNTY)			
ORIGIN	MCW	IW	C&D
GOGEBIC	19,774	0	0
SCHOOLCRAFT	16,410	10,481	5,024
TOTALS	36,184	10,481	5,024

HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL (OTTAWA COUNTY)			
ORIGIN	MCW	IW	C&D
OTTAWA	0	8,548	0
TOTALS	0	8,548	0

HURON LANDFILL CORP. - DBA HURON LANDFILL (HURON COUNTY)			
ORIGIN	MCW	IW	C&D
HURON	65,982	41,287	18,399
LAPEER	5,093	0	349
SANILAC	16,473	0	3,682
TUSCOLA	31,319	8,420	5,622
TOTALS	118,867	49,707	28,052

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

K AND W LANDFILL (ONTONAGON COUNTY)			
ORIGIN	MCW	IW	C&D
BARAGA	19,350	3,784	0
GOGEBIC	570	358	0
HOUGHTON	73,132	6,752	0
IRON	12,952	836	0
KEWEENAW	2,747	0	0
ONTONAGON	8,977	1,203	0
WISCONSIN	107,052	3,862	0
TOTALS	224,780	16,795	0

LAFARGE MIDWEST, INC. (ALPENA COUNTY)			
ORIGIN	MCW	IW	C&D
ALPENA	0	291,000	0
TOTALS	0	291,000	0

LIBERTY ENVIRONMENTALISTS LANDFILL (JACKSON COUNTY)			
ORIGIN	MCW	IW	C&D
CALHOUN	0	0	2,825
EATON	0	0	987
HILLSDALE	0	0	4,734
INGHAM	0	0	2,535
JACKSON	0	10,272	58,038
LENAWEE	0	0	9,049
OHIO	0	115,189	0
WASHTENAW	0	0	4,097
TOTALS	0	125,461	82,265

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

MANISTEE COUNTY LANDFILL, INC. (MANISTEE COUNTY)			
ORIGIN	MCW	IW	C&D
BENZIE	16,105	0	1,554
GRAND TRAVERSE	327	95	112
LAKE	5,738	0	1,216
LEELANAU	50	1	0
MANISTEE	82,972	206,873	9,616
MASON	84,642	3,324	4,221
WEXFORD	10,483	1,750	195
TOTALS	200,317	212,043	16,914

MARQUETTE COUNTY LANDFILL (MARQUETTE COUNTY)			
ORIGIN	MCW	IW	C&D
MARQUETTE	94,065	0	85,301
TOTALS	94,065	0	85,301

MATLIN ROAD LANDFILL (MONROE COUNTY)			
ORIGIN	MCW	IW	C&D
GENESEE	0	0	30
MACOMB	0	0	110
MONROE	0	0	60
OAKLAND	0	0	20
OHIO	0	0	276
WASHTENAW	0	0	330
WAYNE	0	0	520
TOTALS	0	0	1,346

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

MCGILL ROAD LANDFILL (JACKSON COUNTY)			
ORIGIN	MCW	IW	C&D
CALHOUN	3,574	21,534	2,444
CLINTON	134	60	0
EATON	3,459	0	3
HILLSDALE	1,867	80	0
JACKSON	168,111	30,565	19,614
LENAWEE	0	100	0
WASHTENAW	3,104	4,980	112
WAYNE	0	25	0
TOTALS	180,249	57,344	22,173

MICHIGAN ENVIRONS, INC. (MENOMINEE COUNTY)			
ORIGIN	MCW	IW	C&D
MENOMINEE	26,408	15,456	2,672
WISCONSIN	85,944	19,043	4,636
TOTALS	112,352	34,499	7,308

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

MONTMORENCY-OSCODA-ALPENA SWMA (MONTMORENCY COUNTY)			
ORIGIN	MCW	IW	C&D
ALCONA	1,802	0	774
ALPENA	70,109	10,717	16,318
CHEBOYGAN	1,331	1,390	460
CRAWFORD	33	0	0
IOSCO	24,531	0	11
MONTMORENCY	23,021	14,851	8,360
OGEMAW	152	0	0
OSCODA	16,682	4	5,273
OTSEGO	627	21	618
PRESQUE ISLE	126	526	534
TOTALS	138,414	27,509	32,348

NIAGARA DEVELOPMENT, LLC (DICKINSON COUNTY)			
ORIGIN	MCW	IW	C&D
DICKINSON	0	28,803	94
WISCONSIN	0	0	33
TOTALS	0	28,803	127

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY (CLARE COUNTY)			
ORIGIN	MCW	IW	C&D
ALCONA	22	1,425	0
ANTRIM	0	0	28
ARENAC	2,724	0	534
BAY	9	0	0
CLARE	51,095	1,171	27,261
GLADWIN	14,739	430	2,052
GRATIOT	13,335	4,162	769
IOSCO	46,741	1,676	272
ISABELLA	53,123	15,850	7,574
LAKE	1,683	0	170
MECOSTA	13,958	180	506
MISSAUKEE	6,267	4,670	1,498
MONTCALM	0	0	14
OGEMAW	0	92	18
OSCEOLA	8,307	16,853	2,809
ROSCOMMON	21,977	355	3,782
WEXFORD	5,339	94	399
TOTALS	239,319	46,958	47,686

OAKLAND HEIGHTS DEVELOPMENT, INC. (OAKLAND COUNTY)			
ORIGIN	MCW	IW	C&D
GENESEE	0	0	256
LAPEER	0	344	0
MACOMB	66,033	52,347	26,213
OAKLAND	527,434	16,205	237,597
TOTALS	593,467	68,896	264,066

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

ORCHARD HILL SANITARY LANDFILL (BERRIEN COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	2,377	0	0
BARRY	8	0	0
BERRIEN	169,326	0	0
BRANCH	6	0	0
CALHOUN	30	0	0
CASS	12,282	0	0
INDIANA	562	0	0
KALAMAZOO	347,079	0	0
ST JOSEPH	65	0	0
VAN BUREN	134,277	0	0
TOTALS	666,012	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

OTTAWA COUNTY FARMS LANDFILL (OTTAWA COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	134,375	29,021	684
BARRY	28	2,189	10
BERRIEN	0	28	0
CALHOUN	0	0	20
EATON	209	3	624
IONIA	179	2,769	135
ISABELLA	0	136	0
JACKSON	0	23	0
KALAMAZOO	0	23	68
KENT	62,487	310,971	27,131
LAKE	6	46	0
MASON	29	17,636	280
MECOSTA	35	0	43
MONTCALM	62	1,177	56
MUSKEGON	172,748	61,967	26,186
NEWAYGO	65	14,681	496
OCEANA	37,626	2,165	6,433
OSCEOLA	26	0	0
OTTAWA	293,513	114,468	39,503
ST JOSEPH	0	6	0
VAN BUREN	42,824	59	42
TOTALS	744,212	557,368	101,711

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

PEOPLES LANDFILL, INC. (SAGINAW COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	133,113	2,320	13,072
CLINTON	0	0	8
GENESEE	11,242	5,015	433
GRATIOT	5,004	75	200
SAGINAW	289,349	50,868	45,388
SHIAWASSEE	7,855	0	0
TUSCOLA	7,630	1,520	1,177
TOTALS	454,193	59,798	60,278

PINE TREE ACRES, INC. (MACOMB COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	3,851,502	0	0
LAPEER	4,638	24	0
MACOMB	1,076,124	302,537	18,762
OAKLAND	3,225	3,198	0
OHIO	0	780	0
SANILAC	0	745	0
WASHTENAW	0	40	0
WAYNE	191,073	725,506	78
TOTALS	5,126,562	1,032,830	18,840

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

PITSCH SANITARY LANDFILL (IONIA COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	0	0	1,458
BARRY	132	0	3,627
BERRIEN	0	0	6
CALHOUN	0	0	555
CLINTON	20	0	178
EATON	303	0	1,179
INGHAM	0	0	9
IONIA	3,396	89	25,281
ISABELLA	1,221	0	213
KALAMAZOO	0	0	15
KENT	6,576	0	211,608
MECOSTA	189	0	123
MONTCALM	7,530	30	20,064
MUSKEGON	0	0	9,141
NEWAYGO	6	0	0
OCEANA	0	0	51
OTTAWA	0	0	3,645
ST JOSEPH	0	0	564
VAN BUREN	0	0	1,740
TOTALS	19,373	119	279,457

RACER SAGINAW NODULAR INDUSTRIAL LAND (SAGINAW COUNTY)			
ORIGIN	MCW	IW	C&D
SAGINAW	0	13,829	160
TOTALS	0	13,829	160

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

REPUBLIC SERVICES OF PINCONNING (BAY COUNTY)			
ORIGIN	MCW	IW	C&D
ANTRIM	3,886	310	94
ARENAC	19,691	8,141	5,724
BAY	93,651	64,849	46,163
CLARE	8,730	324	442
EMMET	17	0	0
GENESEE	113	0	0
GLADWIN	0	39,413	3,301
GOGEBIC	0	0	4,790
GRAND TRAVERSE	75	0	0
GRATIOT	169	0	0
IOSCO	38,546	80	14,808
ISABELLA	3,498	95	540
KALKASKA	45	0	0
MIDLAND	202	933	0
OGEMAW	20,692	240	5,895
ROSCOMMON	41,155	60	2,701
SAGINAW	40,183	13,825	3,076
TUSCOLA	12	240	105
TOTALS	270,665	128,510	87,639

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

RIVERVIEW LAND PRESERVE (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	232,391	0	111
HILLSDALE	0	27	0
LENAWEE	3,934	32	0
LIVINGSTON	0	0	111
MACOMB	64,121	9,746	374
MONROE	318,960	382	8,747
OAKLAND	51,673	7,017	947
WASHTENAW	885	133	5,132
WAYNE	685,743	80,819	478,897
TOTALS	1,357,707	98,156	494,319

SAUK TRAIL HILLS LANDFILL (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
JACKSON	0	12	0
LIVINGSTON	24	4	63
MACOMB	4	6,435	506
MONROE	7	10,950	1,886
OAKLAND	337	8,163	170
OHIO	0	463	0
ST CLAIR	5	0	0
WASHTENAW	32,919	9,947	56,042
WAYNE	751,902	172,008	420,581
TOTALS	785,198	207,982	479,248

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

SC HOLDINGS, INC. (BARRY COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	1,847	3,834	0
BARRY	55,205	3,055	2,326
BERRIEN	20	0	0
CALHOUN	101	103	0
CLINTON	2,411	350	0
EATON	15,226	572	0
INGHAM	116	180	0
IONIA	31,610	1,149	72
KALAMAZOO	133	190	0
KENT	13,480	12,208	11
VAN BUREN	0	10	0
TOTALS	120,149	21,651	2,409

SMITHS CREEK LANDFILL (ST CLAIR COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	380,280	3,450	4,440
ST CLAIR	542,479	106,635	137,445
TOTALS	922,759	110,085	141,885

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

SOUTH KENT LANDFILL (KENT COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	88,604	0	0
BARRY	21,685	0	0
CALHOUN	69	0	0
EATON	2,335	0	0
GRATIOT	11	0	0
IONIA	528	0	0
KALAMAZOO	2,249	0	0
KENT	944,597	0	0
MECOSTA	85	0	0
MONTCALM	182	0	0
NEWAYGO	66	0	0
OCEANA	60	0	0
OTTAWA	39,342	0	0
TOTALS	1,099,813	0	0

SOUTHEAST BERRIEN COUNTY LANDFILL (BERRIEN COUNTY)			
ORIGIN	MCW	IW	C&D
BERRIEN	600,138	38,622	18,970
CASS	39,595	41,508	64,334
ILLINOIS	18,700	380	0
INDIANA	283,499	28,650	80,484
TOTALS	941,932	109,160	163,788

SPARTA FOUNDRY WASTE FACILITY (KENT COUNTY)			
ORIGIN	MCW	IW	C&D
KENT	0	2,603	0
TOTALS	0	2,603	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

ST MARYS CEMENT, INC. (CHARLEVOIX COUNTY)			
ORIGIN	MCW	IW	C&D
CHARLEVOIX	0	61,526	0
TOTALS	0	61,526	0

TRI-CITY RECYCLING AND DISPOSAL FACILITY (SANILAC COUNTY)			
ORIGIN	MCW	IW	C&D
HURON	13,307	12,136	362
LAPEER	4,292	3	0
MACOMB	86	0	0
OAKLAND	0	3	0
SANILAC	49,635	6,156	4,827
TUSCOLA	7,498	446	2,100
TOTALS	74,818	18,744	7,289

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

VENICE PARK RECYCLING AND DISPOSAL FACILITY (SHIAWASSEE COUNTY)			
ORIGIN	MCW	IW	C&D
BAY	114	20	0
CLINTON	8,133	7,776	0
EATON	699	6,593	0
GENESEE	193,148	34,124	8,083
GRATIOT	1,144	375	0
INGHAM	52,772	12,922	7,259
IONIA	22	50	0
LAPEER	6,698	650	140
LIVINGSTON	109,345	4,215	19
MACOMB	0	1	0
MONTCALM	3,338	0	0
OAKLAND	2,820	61,095	2
SAGINAW	2,805	160	0
SHIAWASSEE	60,808	50,217	1,718
WASHTENAW	2	20	0
WAYNE	0	53,456	0
TOTALS	441,848	231,674	17,221

VERSO ESCANABA, LLC (DELTA COUNTY)			
ORIGIN	MCW	IW	C&D
DELTA	0	61,201	0
TOTALS	0	61,201	0

VERSO QUINNESEC, LLC (DICKINSON COUNTY)			
ORIGIN	MCW	IW	C&D
DICKINSON	0	110,133	0
TOTALS	0	110,133	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL (MONROE COUNTY)			
ORIGIN	MCW	IW	C&D
LENAWEE	28	1,082	0
MONROE	64,159	51,759	6,023
OHIO	519,864	649,606	66,360
WASHTENAW	0	60	0
WAYNE	15	14,426	50
TOTALS	584,066	716,933	72,433

WE ENERGIES PRESQUE ISLE POWER PLANT (MARQUETTE COUNTY)			
ORIGIN	MCW	IW	C&D
MARQUETTE	0	4,472	0
TOTALS	0	4,472	0

WESTSIDE RECYCLING AND DISPOSAL FACILITY (ST JOSEPH COUNTY)			
ORIGIN	MCW	IW	C&D
ALLEGAN	436	479	26
BARRY	0	360	0
BERRIEN	0	804	12
BRANCH	16,885	740	99
CALHOUN	104,922	19,381	3,828
CASS	18,451	4,269	574
GENESEE	0	545	0
HILLSDALE	0	55	0
INDIANA	153,147	2,406	48
KALAMAZOO	157,442	308,226	9,904
ST JOSEPH	116,698	125,852	13,731
VAN BUREN	11,578	1,381	1
TOTALS	579,559	464,498	28,223

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

WEXFORD COUNTY LANDFILL, LLC (WEXFORD COUNTY)			
ORIGIN	MCW	IW	C&D
ALCONA	0	3,191	0
ANTRIM	0	1,219	164
BENZIE	5,372	976	550
CHARLEVOIX	67,892	17	293
CLARE	2,149	562	485
CRAWFORD	155	1	0
EMMET	0	70	24
GRAND TRAVERSE	318,925	8,817	2,052
ILLINOIS	0	0	17
INDIANA	0	0	17
IOWA	0	0	10
KALKASKA	80,869	18,992	643
KANSAS	0	0	7
LAKE	5	0	97
MANISTEE	10	2,792	2,116
MASON	0	74	109
MISSAUKEE	28,176	5,145	5,412
MISSOURI	0	0	4
OHIO	17	0	0
OSCEOLA	2,125	501	947
OTSEGO	225	7,600	43
PENNSYLVANIA	0	42	0
TUSCOLA	0	10	0
WEXFORD	54,926	15,428	30,250
WISCONSIN	0	0	7
TOTALS	560,846	65,437	43,247

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2018
 (All Values are in Cubic Yards)

WOOD ISLAND WASTE MANAGEMENT, INC. (ALGER COUNTY)			
ORIGIN	MCW	IW	C&D
ALGER	18,206	15,438	0
CHIPPEWA	1,190	0	0
DELTA	1,445	0	0
DICKINSON	100,276	12,321	0
GOGEBIC	5	0	0
HOUGHTON	28	0	0
IRON	3	0	0
LUCE	243	0	0
SCHOOLCRAFT	839	0	0
WISCONSIN	3,358	0	0
TOTALS	125,593	27,759	0

WOODLAND MEADOWS RDF-VAN BUREN (WAYNE COUNTY)			
ORIGIN	MCW	IW	C&D
CANADA	0	9,766	0
GENESEE	0	20	0
JACKSON	42,768	80	205
KALAMAZOO	0	5,160	0
LENAWEE	25,131	52	0
LIVINGSTON	36,881	24,052	586
MACOMB	494	337	66,082
MONROE	90,913	9,795	33,146
OAKLAND	302,470	49,687	9,565
OHIO	0	56,170	23,755
WASHTENAW	189,945	64,827	7,893
WAYNE	1,509,987	1,395,659	828,772
TOTALS	2,198,589	1,615,605	970,004