



REPORT OF SOLID WASTE LANDFILLED IN MICHIGAN

October 1, 2019 - September 30, 2020

Prepared By:
Michigan Department of Environment, Great Lakes, and Energy
Materials Management Division
Solid Waste Section
P.O. Box 30241
Lansing, Michigan 48909-7741
517-388-0293

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TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
WASTE DISPOSAL SUMMARY INFORMATION	2
TABLE 1 SOLID WASTE DISPOSED IN MICHIGAN LANDFILLS	4
TABLE 2 SOLID WASTE DISPOSED IN MICHIGAN LANDFILLS BY PERCENTAGE	4
FIGURE 1 OUT-OF-STATE WASTE AS PERCENTAGE OF TOTAL DISPOSAL IN MICHIGAN LANDFILLS	5
FIGURE 2 MICHIGAN AND OUT-OF-STATE WASTE AS PERCENTAGE OF TOTAL DISPOSAL IN MICHIGAN LANDFILLS	5
TABLE 3 SOLID WASTE DISPOSAL SOURCE SUMMARY	6
TABLE 3A INDUSTRIAL WASTE DISPOSAL SOURCE SUMMARY.....	7
WASTE IMPORTS	8
TABLE 4 IMPORTED WASTE BY ORIGIN	8
FIGURE 3 IMPORTED WASTE BY ORIGIN	9
TABLE 5 IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN	10
TABLE 6 TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY	11
TABLE 6A TOTAL WASTE DISPOSED BY COUNTY	13
FACILITY INFORMATION	15
TABLE 7 TOTAL WASTE DISPOSAL BY FACILITY	16
TABLE 8 MCW DISPOSAL BY FACILITY	19
TABLE 9 IW AND C&D DISPOSAL BY FACILITY	21
CAPACITY INFORMATION	24
TABLE 10 FACILITY CAPACITY AND YEARS REMAINING FOR NONCAPTIVE FACILITIES.....	25
APPENDIX A – WASTE TYPE KEY	29
APPENDIX B – LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE	31

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, 2019 - September 30, 2020, and is the twenty fifth 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 Environment, Great Lakes, and Energy (EGLE) 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 report MCW means municipal and commercial waste and is typically residential-like waste; IW means industrial waste and technologically enhanced naturally occurring radioactive material (TENORM); C&D means construction and demolition waste; ADC means alternate daily cover; and CS means contaminated soils not used as ADC. 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.

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 52,697,247 cubic yards, a decrease of 3,007,397 cubic yards or about 5.4 percent over the fiscal year (FY) 2019 report data. Waste generated in Michigan decreased from 43,324,503 cubic yards in the previous reporting period to 40,386,639 cubic yards, a decrease of about 6.8 percent. Total imports of waste into Michigan landfills decreased from the previous reporting period from 12,380,141 cubic yards to 12,310,608 cubic yards, a decrease of about 0.6 percent. The largest source of waste imports to Michigan continues to be from Canada, with total reported imports to landfills of 9,053,889 cubic yards, down 480,274 cubic yards or about 5 percent from the FY 2019 report data. Canadian waste imports equal about 17.2 percent of all waste disposed in Michigan landfills. Waste reported from other states and Canada totaled about 23.4 percent of all solid waste disposed in Michigan landfills. Imported waste comprised 22.2 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-five FYs. Imports from other states increased to 3,256,719 cubic yards from 2,845,978 cubic yards, an increase of about 14.4 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](#).

Audits are performed by EGLE 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 noncaptive² disposal facilities should be used for the calculation of the 12 cents per cubic yard surcharge. For FY 2020 that amount was 50,992,065 cubic yards. The remaining waste was received at captive facilities, which are subject to a flat fee of \$500 to \$3,000 based upon the volume of waste received. Note that the volumes in this report may not be in agreement with the volumes also reported by the landfills in their quarterly surcharge reports.

² Part 115 recognizes two types of facilities, captive and noncaptive, for the purposes of the payment of the surcharge assessed under Section 11525a. Section 11525a(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 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	9,770,385	2,742,502	52,445,215
FY 2019	43,324,503	9,534,163	2,845,978	55,704,644
FY 2020	40,386,639 ³	9,053,889 ⁴	3,256,719 ⁵	52,697,247 ⁶

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

Fiscal Year	Michigan	Canada	Other States
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%
FY 2019	77.8%	17.1%	5.1%
FY 2020	76.6%	17.2%	6.2%

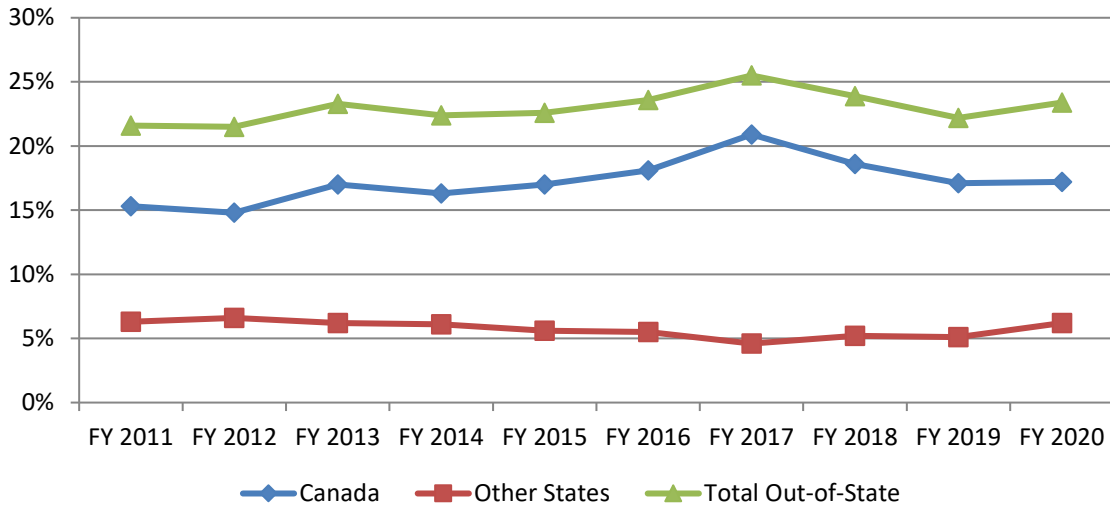
³ MICHIGAN WASTE: 13,462,210 tons

⁴ CANADIAN WASTE: 3,017,963 tons

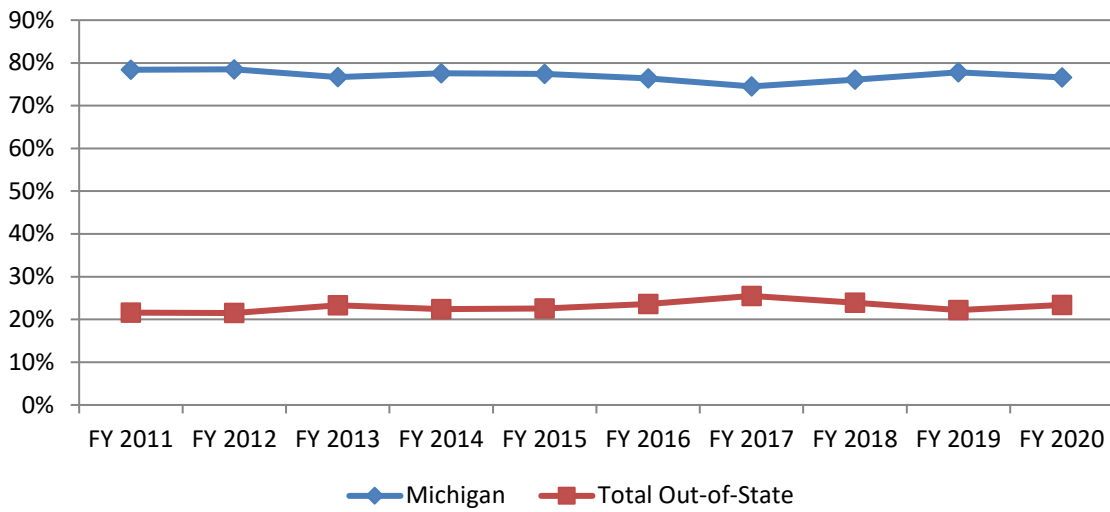
⁵ OTHER STATES WASTE: 1,085,573 tons

⁶ TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS: 17,565,750 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	24,324,545	10,266,921	34,591,466
MCW – MSW* INCINERATOR ASH	41,072	0	41,072
SUBTOTAL MCW	24,365,617	10,266,921	34,632,538
IW	5,483,375	842,385	6,325,760
IW – SEGREGATED	799,592	0	799,592
IW – SEGREGATED MIXED	136,248	0	136,248
SUBTOTAL IW	6,419,215	842,385	7,261,600
C&D	6,840,624	801,943	7,642,567
ADC	942,749	355,317	1,298,066
CS	1,818,434	44,042	1,862,476
GRAND TOTAL	40,386,639	12,310,608	52,697,247

*Municipal Solid Waste

Table 3A displays the IW disposal summary for both in-state and imported waste. Landfills are only required to report to EGLE, 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 EGLE 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	3,926,785	790,087	4,716,872
IW - Foundry Sand	147,599	10,029	157,628
IW - Other Sludges	161,079	4,605	165,684
IW - Wastewater Sludges	287,273	20,174	307,447
IW - Coal Ash	1,288,172	56	1,288,228
IW - Wood/Paper Sludges	118,660	3,060	121,720
IW - Wood Ash	72,115	0	72,115
IW - Wood/Paper Sediment	76,782	0	76,782
IW - Flue Gas Desulfurization Material	14,443	0	14,443
IW - TENORM	30,801	14,374	45,175
IW - Cement Kiln Dust	295,506	0	295,506
GRAND TOTAL	6,419,215	842,385	7,261,600

**TABLE 3B
ALTERNATIVE DAILY COVER WASTE DISPOSAL SOURCE SUMMARY
(Volume in Cubic Yards)**

WASTE TYPE	IN-STATE	IMPORTED	TOTAL
ADC-Other	502,810	9	502,819
ADC-Foundry Sand	39,980	0	39,980
ADC-Contaminated Soils	9,908	7,788	17,696
ADC-Auto Shredder Residuals	307,869	347,480	655,349
ADC-Chipped Tires	41,050	40	41,090
ADC-Coal or Wood Ash	458	0	458
ADC-Sludges	40,674	0	40,674
GRAND TOTAL	942,749	355,317	1,298,066

WASTE IMPORTS

Based on the reported information for FY 2020, the solid waste industry in Michigan imported solid waste from 15 other states and from Canada for disposal in Michigan landfills. Table 4 indicates the volume of MCW, IW, C&D, ADC and CS 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 2020
(Volume in Cubic Yards)**

WASTE ORIGIN	MCW	IW	C&D	ADC	CS	TOTAL WASTE
CANADA	8,279,305	164,046	610,538	0	0	9,053,889
CONNECTICUT	0	42,648	0	0	0	42,648
ILLINOIS	0	0	10	40	0	50
INDIANA	401,908	30,203	52,013	7,788	168	492,080
IOWA	0	0	7	0	0	7
KANSAS	0	0	21	0	0	21
KENTUCKY	0	0	29	0	0	29
MASSACHUSETTS	108,624	0	62	0	0	108,686
MINNESOTA	0	0	7	0	0	7
MISSOURI	0	0	6	0	0	6
NEW YORK	0	120	0	0	0	120

**TABLE 4
IMPORTED WASTE BY ORIGIN - FY 2020
(Volume in Cubic Yards)**

WASTE ORIGIN	MCW	IW	C&D	ADC	CS	TOTAL WASTE
OHIO	547,912	586,823	134,578	347,480	42,693	1,659,486
PENNSYLVANIA	0	0	0	9	0	9
WASHINGTON	706,776	0	0	0	0	706,776
WEST VIRGINIA	120	0	10	0	0	130
WISCONSIN	222,276	18,545	4,662	0	1,181	246,664

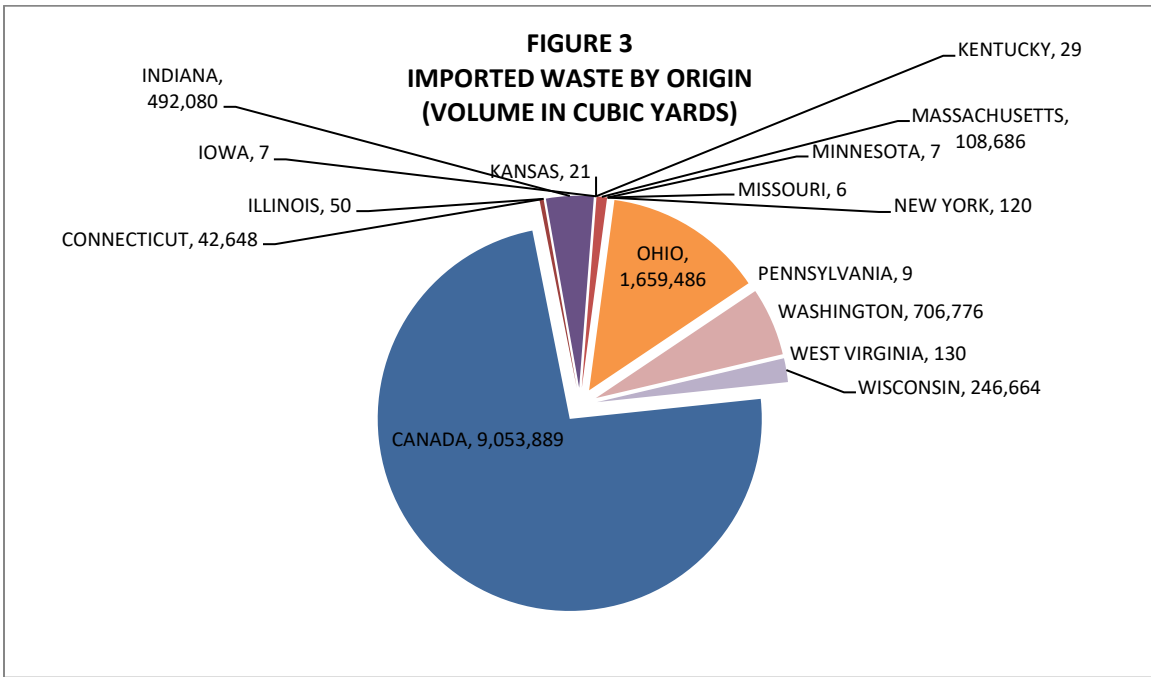


Table 5 shows the total amount of waste imported into each county from all out-of-state sources.

TABLE 5 IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN - FY 2020 (Volume in Cubic Yards)		
COUNTY	WASTE ORIGIN	WASTE VOLUME
ALGER	WISCONSIN	3,382
BERRIEN	ILLINOIS	40
BERRIEN	INDIANA	359,816
CHIPPEWA	CANADA	38,983
DICKINSON	WISCONSIN	111
GENESEE	CONNECTICUT	42,648
GENESEE	OHIO	15,642
JACKSON	OHIO	134,486
MACOMB	CANADA	5,072,904
MACOMB	OHIO	992
MENOMINEE	WISCONSIN	106,253
MONROE	INDIANA	60
MONROE	OHIO	1,272,830
ONTONAGON	WISCONSIN	136,888
PRESQUE ISLE	CANADA	39,480
ST. CLAIR	CANADA	305,196
ST. JOSEPH	INDIANA	132,169
WASHTENAW	OHIO	6,472
WAYNE	CANADA	3,597,326
WAYNE	MASSACHUSETTS	108,686
WAYNE	NEW YORK	120
WAYNE	OHIO	229,042
WAYNE	WASHINGTON	706,776
WAYNE	WEST VIRGINIA	129
WEXFORD	ILLINOIS	10
WEXFORD	INDIANA	35
WEXFORD	IOWA	7
WEXFORD	KANSAS	21
WEXFORD	KENTUCKY	29
WEXFORD	MINNESOTA	7
WEXFORD	MISSOURI	6
WEXFORD	OHIO	22

**TABLE 5
IMPORTED WASTE BY COUNTY AND PLACE OF ORIGIN - FY 2020
(Volume in Cubic Yards)**

COUNTY	WASTE ORIGIN	WASTE VOLUME
WEXFORD	PENNSYLVANIA	9
WEXFORD	WEST VIRGINIA	1
WEXFORD	WISCONSIN	30

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 2020
(Volume in Cubic Yards)**

COUNTY	WASTE VOLUME
ALCONA	16,839
ALGER	26,659
ALLEGAN	438,004
ALPENA	409,683
ANTRIM	128,464
ARENAC	41,843
BARAGA	35,882
BARRY	97,096
BAY	1,038,895
BENZIE	27,583
BERRIEN	831,929
BRANCH	148,873
CALHOUN	606,876
CASS	170,311
CHARLEVOIX	28,744
CHEBOYGAN	115,266
CHIPPEWA	151,279
CLARE	107,950
CLINTON	185,641
CRAWFORD	58,553
DELTA	126,158
DICKINSON	249,886
EATON	317,206
EMMET	135,120

**TABLE 6
TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY - FY 2020
(Volume in Cubic Yards)**

COUNTY	WASTE VOLUME
GENESEE	1,542,432
GLADWIN	77,553
GOGEBIC	23,762
GRAND TRAVERSE	415,934
GRATIOT	103,364
HILLSDALE	136,351
HOUGHTON	90,350
HURON	214,759
INGHAM	980,845
IONIA	144,589
IOSCO	114,283
IRON	12,382
ISABELLA	163,692
JACKSON	530,449
KALAMAZOO	1,183,707
KALKASKA	119,612
KENT	2,027,538
KEWEENAW	3,673
LAKE	28,935
LAPEER	274,993
LEELANAU	24,815
LENAWEE	81,605
LIVINGSTON	300,313
LUCE	41,515
MACKINAC	19,144
MACOMB	3,341,987
MANISTEE	296,524
MARQUETTE	172,389
MASON	113,048
MECOSTA	73,518
MENOMINEE	66,486
MIDLAND	601,250
MISSAUKEE	54,318
MONROE	1,154,297
MONTCALM	192,213
MONTMORENCY	35,060
MUSKEGON	591,003

TABLE 6 TOTAL WASTE DISPOSED IN MICHIGAN LANDFILLS FROM EACH COUNTY - FY 2020 (Volume in Cubic Yards)	
COUNTY	WASTE VOLUME
NEWAYGO	136,698
OAKLAND	3,151,891
OCEANA	80,783
OGEMAW	55,399
ONTONAGON	9,872
OSCEOLA	59,858
OSCODA	23,386
OTSEGO	41,627
OTTAWA	1,096,684
PRESQUE ISLE	20,936
ROSCOMMON	82,300
SAGINAW	574,623
SANILAC	126,406
SCHOOLCRAFT	81,494
SHIAWASSEE	219,246
ST. CLAIR	746,050
ST. JOSEPH	255,956
TUSCOLA	122,442
VAN BUREN	175,720
WASHTENAW	1,228,517
WAYNE	11,130,055
WEXFORD	123,268

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 2020 (Volume in Cubic Yards)	
COUNTY	TOTAL WASTE VOLUME
ALGER	151,787
ALPENA	295,506
BARRY	174,153

**TABLE 6A
TOTAL WASTE DISPOSED BY COUNTY - FY 2020
(Volume in Cubic Yards)**

COUNTY	TOTAL WASTE VOLUME
BAY	1,163,026
BERRIEN	1,787,864
CALHOUN	1,113,780
CHARLEVOIX	0
CHIPPEWA	104,652
CLARE	299,921
CLINTON	1,661,526
CRAWFORD	180,400
DELTA	143,621
DICKINSON	138,694
GENESEE	1,994,162
HURON	202,477
IONIA	318,069
JACKSON	601,668
KENT	897,102
LEELANAU	91,316
MACOMB	7,706,159
MANISTEE	429,910
MARQUETTE	172,364
MENOMINEE	144,985
MIDLAND	610,438
MONROE	1,664,341
MONTCALM	743,855
MONTMORENCY	209,323
MUSKEGON	403,750
OAKLAND	2,376,174
ONTONAGON	296,815
OTTAWA	2,355,852
PRESQUE ISLE	413,173
SAGINAW	625,795
SANILAC	81,347
SCHOOLCRAFT	131,394
SHIAWASSEE	591,249
ST. CLAIR	1,124,757
ST. JOSEPH	997,122
WASHTENAW	4,251,014
WAYNE	15,253,263

TABLE 6A
TOTAL WASTE DISPOSED BY COUNTY - FY 2020
(Volume in Cubic Yards)

COUNTY	TOTAL WASTE VOLUME
WEXFORD	794,443

FACILITY INFORMATION

The total of MCW disposed, total of IW, C&D, ADC, and CS disposed, and total volume disposed at each of the 64 reporting facilities is given in Table 7. Tables 8 and 9 list the MCW and the IW, C&D, ADC, and CS 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.

**TABLE 7
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2020
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW, C&D, ADC AND CS DISPOSED	TOTAL WASTE DISPOSED
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	2,734,178	1,516,836	4,251,014
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	472,246	393,609	865,855
BRENT RUN LANDFILL	580,118	144,494	724,612
C & C EXPANDED SANITARY LANDFILL	790,870	322,910	1,113,780
CARLETON FARMS LANDFILL	4,100,138	1,911,427	6,011,565
CENTRAL SANITARY LANDFILL	682,374	61,481	743,855
CITIZENS DISPOSAL, INC.	568,513	701,037	1,269,550
CITY ENVIRONMENTAL SERVICES INC OF WATERS	129,834	50,566	180,400
CITY OF LIVONIA LANDFILL	0	2,978	2,978
CITY OF MIDLAND SANITARY LANDFILL	264,947	345,491	610,438
CONSUMERS ENERGY J H CAMPBELL COMPLEX	0	163,750	163,750
CONSUMERS WEADOCK COMPLEX	0	562,508	562,508
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	299,366	104,384	403,750
DAFTER SANITARY LANDFILL	95,205	9,447	104,652
DELTA COUNTY LANDFILL	88,339	24,974	113,313
DETROIT EDISON CO RANGE RD ASH DISPOSAL	0	156,249	156,249
DETROIT EDISON CO SIBLEY QUARRY	0	48,170	48,170
DTE MONROE POWER PLANT	0	239,098	239,098
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	663,226	895,723	1,558,949
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	0	16,335	16,335
GFL NORTH MICHIGAN LANDFILL, LLC	335,290	77,883	413,173
GLENS SANITARY LANDFILL	61,367	29,949	91,316
GRANGER GRAND RIVER LANDFILL	0	0	0
GRANGER WOOD STREET LANDFILL	1,659,571	1,955	1,661,526

**TABLE 7
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2020
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW, C&D, ADC AND CS DISPOSED	TOTAL WASTE DISPOSED
HAYWIRE LANDFILL	0	60,569	60,569
HIAWATHA SHORES LANDFILL	45,548	25,277	70,825
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL	0	0	0
HURON LANDFILL CORP. - DBA HURON LANDFILL	122,143	80,334	202,477
K AND W LANDFILL, INC.	260,121	20,359	280,480
LAFARGE MIDWEST, INC.	0	295,506	295,506
LIBERTY ENVIRONMENTALISTS LANDFILL	0	419,413	419,413
MANISTEE COUNTY LANDFILL, INC.	198,102	231,808	429,910
MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY	110,395	61,969	172,364
MATLIN ROAD LANDFILL	0	7,414	7,414
MCGILL ROAD LANDFILL	83,237	99,018	182,255
MICHIGAN ENVIRONS, INC.	107,118	37,867	144,985
MONTMORENCY-OSCODA- ALPENA SWMA	147,807	61,516	209,323
NIAGARA DEVELOPMENT LLC dba IN MICHIGAN AS NIAGARA DEVELOPMENT PARTNERS	0	2,446	2,446
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	191,336	108,585	299,921
OAKLAND HEIGHTS DEVELOPMENT, INC.	547,927	269,298	817,225
ORCHARD HILL SANITARY LANDFILL	738,680	0	738,680
OTTAWA COUNTY FARMS LANDFILL	818,098	508,149	1,326,247
PEOPLES LANDFILL, INC.	483,550	133,958	617,508
PINE TREE ACRES, INC.	6,970,893	735,266	7,706,159
PITSCH SANITARY LANDFILL	33,797	284,272	318,069
RACER SAGINAW NODULAR INDUSTRIAL LAND	0	8,287	8,287
REPUBLIC SERVICES OF PINCONNING	282,857	317,661	600,518
RIVERVIEW LAND PRESERVE	1,297,062	874,305	2,171,367
SAUK TRAIL HILLS LANDFILL	734,662	817,367	1,552,029

**TABLE 7
TOTAL WASTE DISPOSAL BY FACILITY - ALPHABETICAL LISTING - FY 2020
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW, C&D, ADC AND CS DISPOSED	TOTAL WASTE DISPOSED
SC HOLDINGS, INC.	149,794	24,359	174,153
SMITHS CREEK LANDFILL	797,441	171,067	968,508
SOUTH KENT LANDFILL	895,591	0	895,591
SOUTHEAST BERRIEN COUNTY LANDFILL	863,871	185,313	1,049,184
SPARTA FOUNDRY WASTE FACILITY	0	1,511	1,511
ST MARYS CEMENT U.S., LLC	0	0	0
TRI-CITY RECYCLING AND DISPOSAL FACILITY	60,991	20,356	81,347
VENICE PARK RECYCLING & DISPOSAL FACILITY	419,387	171,862	591,249
VERSO ESCANABA, LLC	0	30,308	30,308
VERSO QUINNESEC, LLC	0	136,248	136,248
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	610,462	807,367	1,417,829
WESTSIDE RECYCLING & DISPOSAL FACILITY	553,136	443,986	997,122
WEXFORD COUNTY LANDFILL, LLC	652,301	142,142	794,443
WOOD ISLAND WASTE MANAGEMENT, INC.	134,423	17,364	151,787
WOODLAND MEADOWS VAN BUREN	2,796,226	2,670,928	5,467,154

**TABLE 8
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2020
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW, C&D, ADC AND CS DISPOSED	TOTAL WASTE DISPOSED
PINE TREE ACRES, INC.	6,970,893	735,266	7,706,159
CARLETON FARMS LANDFILL	4,100,138	1,911,427	6,011,565
WOODLAND MEADOWS RDF- VAN BUREN	2,796,226	2,670,928	5,467,154
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	2,734,178	1,516,836	4,251,014
GRANGER WOOD STREET LANDFILL	1,659,571	1,955	1,661,526
RIVERVIEW LAND PRESERVE	1,297,062	874,305	2,171,367
SOUTH KENT LANDFILL	895,591	0	895,591
SOUTHEAST BERRIEN COUNTY LANDFILL	863,871	185,313	1,049,184
OTTAWA COUNTY FARMS LANDFILL	818,098	508,149	1,326,247
SMITHS CREEK LANDFILL	797,441	171,067	968,508
C & C EXPANDED SANITARY LANDFILL	790,870	322,910	1,113,780
ORCHARD HILL SANITARY LANDFILL	738,680	0	738,680
SAUK TRAIL HILLS LANDFILL	734,662	817,367	1,552,029
CENTRAL SANITARY LANDFILL	682,374	61,481	743,855
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	663,226	895,723	1,558,949
WEXFORD COUNTY LANDFILL, LLC	652,301	142,142	794,443
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	610,462	807,367	1,417,829
BRENT RUN LANDFILL	580,118	144,494	724,612
CITIZENS DISPOSAL INC	568,513	701,037	1,269,550
WESTSIDE RECYCLING & DISPOSAL FACILITY	553,136	443,986	997,122
OAKLAND HEIGHTS DEVELOPMENT, INC.	547,927	269,298	817,225
PEOPLES LANDFILL, INC.	483,550	133,958	617,508
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	472,246	393,609	865,855
VENICE PARK RECYCLING & DISPOSAL FACILITY	419,387	171,862	591,249

**TABLE 8
MCW DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2020
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW, C&D, ADC AND CS DISPOSED	TOTAL WASTE DISPOSED
GFL NORTH MICHIGAN LANDFILL, LLC	335,290	77,883	413,173
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	299,366	104,384	403,750
REPUBLIC SERVICES OF PINCONNING	282,857	317,661	600,518
CITY OF MIDLAND SANITARY LANDFILL	264,947	345,491	610,438
K AND W LANDFILL, INC.	260,121	20,359	280,480
MANISTEE COUNTY LANDFILL, INC.	198,102	231,808	429,910
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	191,336	108,585	299,921
SC HOLDINGS, INC.	149,794	24,359	174,153
MONTMORENCY-OSCODA- ALPENA SWMA	147,807	61,516	209,323
WOOD ISLAND WASTE MANAGEMENT, INC.	134,423	17,364	151,787
CITY ENVIRONMENTAL SERVICES INC OF WATERS	129,834	50,566	180,400
HURON LANDFILL CORP. - DBA HURON LANDFILL	122,143	80,334	202,477
MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY	110,395	61,969	172,364
MICHIGAN ENVIRONS, INC.	107,118	37,867	144,985
DAFTER SANITARY LANDFILL	95,205	9,447	104,652
DELTA COUNTY LANDFILL	88,339	24,974	113,313
MCGILL ROAD LANDFILL	83,237	99,018	182,255
GLENS SANITARY LANDFILL	61,367	29,949	91,316
TRI-CITY RECYCLING AND DISPOSAL FACILITY	60,991	20,356	81,347
HIAWATHA SHORES LANDFILL	45,548	25,277	70,825
PITSCH SANITARY LANDFILL	33,797	284,272	318,069

**TABLE 9
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2020
(Volume in Cubic Yards)**

FACILITY NAME	MCW DISPOSED	IW, C&D, ADC AND CS DISPOSED	TOTAL WASTE DISPOSED
WOODLAND MEADOWS RDF- VAN BUREN	2,796,226	2,670,928	5,467,154
CARLETON FARMS LANDFILL	4,100,138	1,911,427	6,011,565
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	2,734,178	1,516,836	4,251,014
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	663,226	895,723	1,558,949
RIVERVIEW LAND PRESERVE	1,297,062	874,305	2,171,367
SAUK TRAIL HILLS LANDFILL	734,662	817,367	1,552,029
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	610,462	807,367	1,417,829
PINE TREE ACRES, INC.	6,970,893	735,266	7,706,159
CITIZENS DISPOSAL, INC.	568,513	701,037	1,269,550
CONSUMERS WEADOCK COMPLEX	0	562,508	562,508
OTTAWA COUNTY FARMS LANDFILL	818,098	508,149	1,326,247
WESTSIDE RECYCLING & DISPOSAL FACILITY	553,136	443,986	997,122
LIBERTY ENVIRONMENTALISTS LANDFILL	0	419,413	419,413
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	472,246	393,609	865,855
CITY OF MIDLAND SANITARY LANDFILL	264,947	345,491	610,438
C & C EXPANDED SANITARY LANDFILL	790,870	322,910	1,113,780
REPUBLIC SERVICES OF PINCONNING	282,857	317,661	600,518
LAFARGE MIDWEST, INC.	0	295,506	295,506
PITSCH SANITARY LANDFILL	33,797	284,272	318,069
OAKLAND HEIGHTS DEVELOPMENT, INC.	547,927	269,298	817,225
DTE MONROE POWER PLANT	0	239,098	239,098
MANISTEE COUNTY LANDFILL, INC.	198,102	231,808	429,910
SOUTHEAST BERRIEN COUNTY LANDFILL	863,871	185,313	1,049,184
VENICE PARK RECYCLING & DISPOSAL FACILITY	419,387	171,862	591,249

TABLE 9
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2020
(Volume in Cubic Yards)

FACILITY NAME	MCW DISPOSED	IW, C&D, ADC AND CS DISPOSED	TOTAL WASTE DISPOSED
SMITHS CREEK LANDFILL	797,441	171,067	968,508
CONSUMERS ENERGY J H CAMPBELL COMPLEX	0	163,750	163,750
DETROIT EDISON CO RANGE RD ASH DISPOSAL	0	156,249	156,249
BRENT RUN LANDFILL	580,118	144,494	724,612
WEXFORD COUNTY LANDFILL, LLC	652,301	142,142	794,443
VERSO QUINNESEC, LLC	0	136,248	136,248
PEOPLES LANDFILL, INC.	483,550	133,958	617,508
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	191,336	108,585	299,921
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	299,366	104,384	403,750
MCGILL ROAD LANDFILL	83,237	99,018	182,255
HURON LANDFILL CORP. - DBA HURON LANDFILL	122,143	80,334	202,477
GFL NORTH MICHIGAN LANDFILL, LLC	335,290	77,883	413,173
MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY	110,395	61,969	172,364
MONTMORENCY-OSCODA- ALPENA SWMA	147,807	61,516	209,323
CENTRAL SANITARY LANDFILL	682,374	61,481	743,855
HAYWIRE LANDFILL	0	60,569	60,569
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	129,834	50,566	180,400
DETROIT EDISON CO SIBLEY QUARRY	0	48,170	48,170
MICHIGAN ENVIRONS, INC.	107,118	37,867	144,985
VERSO ESCANABA, LLC	0	30,308	30,308
GLENS SANITARY LANDFILL	61,367	29,949	91,316
HIAWATHA SHORES LANDFILL	45,548	25,277	70,825
DELTA COUNTY LANDFILL	88,339	24,974	113,313
SC HOLDINGS, INC.	149,794	24,359	174,153
K AND W LANDFILL, INC.	260,121	20,359	280,480
TRI-CITY RECYCLING AND DISPOSAL FACILITY	60,991	20,356	81,347

TABLE 9
IW AND C&D DISPOSAL BY FACILITY - RANKED BY VOLUME - FY 2020
(Volume in Cubic Yards)

FACILITY NAME	MCW DISPOSED	IW, C&D, ADC AND CS DISPOSED	TOTAL WASTE DISPOSED
WOOD ISLAND WASTE MANAGEMENT, INC.	134,423	17,364	151,787
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	0	16,335	16,335
DAFTER SANITARY LANDFILL	95,205	9,447	104,652
RACER SAGINAW NODULAR INDUSTRIAL LAND	0	8,287	8,287
MATLIN ROAD LANDFILL	0	7,414	7,414
CITY OF LIVONIA LANDFILL	0	2,978	2,978
NIAGARA DEVELOPMENT, LLC dba IN MICHIGAN AS NIAGARA DEVELOPMENT PARTNERS	0	2,446	2,446
GRANGER WOOD STREET LANDFILL	1,659,571	1,955	1,661,526
SPARTA FOUNDRY WASTE FACILITY	0	1,511	1,511

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 an EGLE-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 2020 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.

EGLE used a simplistic formula to calculate estimated years of remaining capacity for each facility, using the data provided by each facility: $\text{Column (A)} \div \text{Column (B)} = \text{Column (D)}$. Although, in some cases, the facility-projected years of remaining capacity in Column (C) equals the calculated 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 2020
(Volume in Cubic Yards)**

FACILITY NAME	(A)	(B)	(C)	(D)
	REMAINING CAPACITY	CAPACITY USED IN FY 2020	PROJECTED YEARS OF REMAINING CAPACITY	CALCULATED YEARS OF REMAINING CAPACITY
REPORTED BY THE LANDFILL				
ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC.	14,268,691	1,131,159	13	13
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	20,855,400	369,200	56	56
BRENT RUN LANDFILL	14,523,198	267,721	32	54
C & C EXPANDED SANITARY LANDFILL	40,794,996	484,359	84	84
CARLETON FARMS LANDFILL	48,828,601	2,475,402	20	20
CENTRAL SANITARY LANDFILL	8,029	347	23	23
CITIZENS DISPOSAL, INC.	5,020,781	516,715	10	10
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	14,776,958	90,199	164	164
CITY OF MIDLAND SANITARY LANDFILL	6,669,437	212,962	31	31
COUNTY OF MUSKEGON - SOLID WASTE LANDFILL	230,205	208,399	1	1
DAFTER SANITARY LANDFILL	3,332,202	92,222	83	36
DELTA COUNTY LANDFILL	5,821,998	66,650	87	87
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	8,570,120	634,980	17	13
EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC	489,792	12,000	41	41
GFL NORTH MICHIGAN LANDFILL, LLC	1,289,243	206,586	6	6
GLENS SANITARY LANDFILL	17,788,806	45,658	390	390
GRANGER GRAND RIVER LANDFILL	5,410,901	0	30	0

**TABLE 10
FACILITY CAPACITY AND YEARS REMAINING FOR
NONCAPTIVE FACILITIES - FY 2020
(Volume in Cubic Yards)**

FACILITY NAME	(A)	(B)	(C)	(D)
	REMAINING CAPACITY	CAPACITY USED IN FY 2020	PROJECTED YEARS OF REMAINING CAPACITY	CALCULATED YEARS OF REMAINING CAPACITY
REPORTED BY THE LANDFILL				
GRANGER WOOD STREET LANDFILL	16,670,544	664,611	25	25
HIAWATHA SHORES LANDFILL	1,733,063	70,827	68	24
HURON LANDFILL CORP. - DBA HURON LANDFILL	188,032	96,397	2	2
K AND W LANDFILL, INC.	1,230,365	180,780	7	7
LIBERTY ENVIRONMENTALISTS LANDFILL	2,598,064	419,413	6	6
MANISTEE COUNTY LANDFILL, INC.	8,250,017	208,727	40	40
MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY	600,000	50,000	12	12
MATLIN ROAD LANDFILL	338,053	7,413	123	46
MCGILL ROAD LANDFILL	327,907	59,093	4	6
MICHIGAN ENVIRONS INC	2,075,206	90,360	32	23
MONTMORENCY-OSCODA-ALPENA SWMA	1,883,468	137,300	14	14
NIAGARA DEVELOPMENT, LLC dba IN MICHIGAN AS NIAGARA DEVELOPMENT PARTNERS	1,846,554	2,740	674	674
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	6,263,999	149,962	42	42
OAKLAND HEIGHTS DEVELOPMENT, INC.	970,419	272,453	4	4
ORCHARD HILL SANITARY LANDFILL	15,975,529	307,783	52	52
OTTAWA COUNTY FARMS LANDFILL	32,961,867	665,043	50	50
PEOPLES LANDFILL, INC.	4,966,073	233,860	21	21
PINE TREE ACRES, INC.	39,347,284	3,062,037	24	13

**TABLE 10
FACILITY CAPACITY AND YEARS REMAINING FOR
NONCAPTIVE FACILITIES - FY 2020
(Volume in Cubic Yards)**

FACILITY NAME	(A)	(B)	(C)	(D)
	REMAINING CAPACITY	CAPACITY USED IN FY 2020	PROJECTED YEARS OF REMAINING CAPACITY	CALCULATED YEARS OF REMAINING CAPACITY
REPORTED BY THE LANDFILL				
PITSCH SANITARY LANDFILL	1,175,286	318,068	20	4
REPUBLIC SERVICES OF PINCONNING	1,534,128	140,902	11	11
RIVERVIEW LAND PRESERVE	8,046,900	733,780	11	11
SAUK TRAIL HILLS LANDFILL	5,059,452	645,212	8	8
SC HOLDINGS, INC.	1,885,890	90,545	23	21
SMITHS CREEK LANDFILL	17,726,169	311,898	57	57
SOUTH KENT LANDFILL	4,284,841	340,202	7	13
SOUTHEAST BERRIEN COUNTY LANDFILL	3,814,784	313,884	12	12
TRI-CITY RECYCLING AND DISPOSAL FACILITY	16,688,812	42,596	392	392
VENICE PARK RECYCLING & DISPOSAL FACILITY	7,511,410	213,354	35	35
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	3,660,165	388,532	9	9
WESTSIDE RECYCLING & DISPOSAL FACILITY	35,260,892	371,167	95	95
WEXFORD COUNTY LANDFILL, LLC	18,174,421	355,425	51	51
WOOD ISLAND WASTE MANAGEMENT INC	1,885,472	124,084	6	15
WOODLAND MEADOWS RDF-VAN BUREN	7,106,000	2,308,000	3	3
TOTAL	480,720,424	20,191,007		

Based on current capacity used for FY 2020 (20,191,007 cubic yards) and total remaining capacity at noncaptive facilities (480,720,424 cubic yards), which may include

additional capacity permitted⁷ 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 24 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.

⁷ 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: PINE TREE ACRES INC.

**APPENDIX A
WASTE TYPE KEY**

APPENDIX A – WASTE TYPE KEY

WASTE TYPE KEY		
	Description	Reference
Municipal & Commercial Waste (MCW)	Commercial Waste	R 299.4102(b)
	Garbage	324.11503(20)
	Household Waste	R 299.4103(k)
	Medical Waste (Regulated)	R 299.4104(a) & 324.11504(6)
	Municipal Solid Waste Incinerator Ash	324.11504(15)
Industrial Waste (IW)	Ashes	324.11502(2)
	Auto Shredder Residue	**
	Cement Kiln Dust (CKD)	324.11502(12)
	Coal Ash	324.11502(15) & (16)
	Coal Bottom Ash	324.11502(19)
	Flue Gas Desulfurization Material	324.11503(16)
	Food Processing Residuals	324.11503(17)
	Food Processing Waste	R 299.4103(d)
	Foundry Sand	324.11503(18)
	Industrial Waste	324.11504(2) & R 299.4103(n)
	Lime Kiln Dust	324.11504(9)
	Low-Hazard Industrial Waste	324.11504(10)
	Pulp and Paper Mill Ash	324.11504(22)
	Pulp and Paper Mill Material	324.11504(23)
	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)
TENORM	324.11104(7)	
Wood Ash	324.11506(13)	
Construction & Demolition Waste (C&D)	Asbestos Waste	R 299.4101(k)
	Construction and Demolition Waste	R 299.4102(f)
	Scrap Wood	324.11505(8)
	Treated Wood	324.11506(8)
	Wood	324.11506(12)

APPENDIX A
WASTE TYPE KEY

APPENDIX A – WASTE TYPE KEY

WASTE TYPE KEY		
	Description	Reference
Construction Soils (CS)	Contaminated Soils	***
Alternative Daily cover (ADC)	Class B ADC	R 299.4429(2)(b)
	-Chipped Tires	16901(cc)(v)
	-Coal or Wood Ash	324.11502(15) & (16)/324.11506(13)
	-Foundry Sand	11503(18)
	-Sludge	R 299.4105(e)
	Class C ADC	R 299.429(2)(c)
	-Contaminated Soils	***
	-Auto Shredder Residue	**
	-Other Approved	R 299.429(2)(c)(iv)

**Auto Shredder Residue	means non-metallic waste material remaining after removal of metal scrap from shredded vehicles, household and commercial appliances, or other shredded items; also referenced as auto fluff.
***Contaminated Soils	means any excavated soil or dredge sediment that is contaminated by a hazardous substance that falls below part 201 generic residential soil direct contact cleanup criteria and hazardous substances in leachate from the soil or sediment, using, at the option of the generator, EPA method 1311, 1312, or any other leaching protocol approved by the department, fall below part 201 generic residential health based groundwater drinking water values or criteria, and the soil or sediment would not cause a violation of any surface water quality standard established under Part 31 at the area of placement, disposal, or use.

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

[Link to Part 115, Solid Waste Management Act Administrative Rules, MAC R 229.4101 et seq.](#)

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

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.

ADVANCED DISPOSAL SERVICES ARBOR HILLS LANDFILL, INC. (WASHTENAW COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
GENESEE	260	280	0	0	0
INGHAM	100	20	0	0	285
KENT	0	0	12,295	0	0
LENAWEE	306	565	260	0	868
LIVINGSTON	37,416	3,822	7,470	0	366
MACOMB	4,506	2,309	8,181	0	40,216
MIDLAND	3,886	0	52	0	0
MONROE	329	0	0	0	0
OAKLAND	1,266,343	23,382	166,587	24	24,318
OHIO	0	6,442	30	0	0
WASHTENAW	506,917	46,084	161,977	0	121,345
WAYNE	914,115	41,742	432,913	0	415,003
TOTALS	2,734,178	124,646	789,765	24	602,401

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY (OTTAWA COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	32,847	100,802	10,598	0	7,035
BARRY	280	431	156	0	0
BERRIEN	17	81	114	0	0
BRANCH	0	3	0	0	0
CALHOUN	21	515	488	0	0
CLINTON	3	0	0	0	0
EATON	23	2	31	0	0
IONIA	4,467	284	99	0	281
KALAMAZOO	373	2,487	519	0	30
KENT	82,456	49,618	9,990	1,800	900
MASON	25	20	0	0	50
MECOSTA	0	105	0	0	0
MONTCALM	981	41	0	0	1,265
MUSKEGON	53,918	9,906	302	0	20
OCEANA	0	115	0	0	0
OTTAWA	295,975	127,409	40,802	21,160	2,730
VAN BUREN	860	533	127	0	2,760
TOTALS	472,246	292,352	63,226	22,960	15,071

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

BRENT RUN LANDFILL (GENESEE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	1	0	0	0	0
BAY	10,966	51	1,610	0	0
CLINTON	986	0	236	0	0
CONNECTICUT	0	42,648	0	0	0
EATON	299	0	83	0	0
GENESEE	301,866	24,388	26,443	0	978
GRATIOT	4,107	0	561	0	0
INGHAM	1,903	0	959	0	0
LAPEER	172,008	0	588	0	0
LIVINGSTON	1,262	67	90	0	0
OAKLAND	3,651	0	713	0	0
OHIO	0	15,642	0	0	0
SAGINAW	62,784	232	17,805	0	11
SANILAC	95	0	11	0	0
SHIAWASSEE	7,432	0	4,721	0	0
TUSCOLA	12,758	0	1,664	0	0
WAYNE	0	4,993	0	0	0
TOTALS	580,118	88,021	55,484	0	989

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

C & C EXPANDED SANITARY LANDFILL (CALHOUN COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	0	2,275	0	0	0
BARRY	43	254	48	0	0
BERRIEN	83,611	0	7	0	0
BRANCH	58,734	30,277	29,866	0	0
CALHOUN	160,618	48,497	89,969	0	0
CASS	0	0	7	0	0
CLINTON	0	0	236	0	0
EATON	32,975	5,770	20,876	0	0
HILLSDALE	49,110	554	842	0	0
INGHAM	19,507	20,610	26,819	0	0
IONIA	0	0	5	0	0
JACKSON	816	448	2,905	0	0
KALAMAZOO	385,361	11,216	26,416	0	0
LENAWEE	0	1	0	0	0
ST. JOSEPH	95	223	321	0	0
VAN BUREN	0	20	4,448	0	0
TOTALS	790,870	120,145	202,765	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

CARLETON FARMS LANDFILL (WAYNE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
BRANCH	0	160	0	0	0
CANADA	2,624,403	158,330	609,429	0	0
HILLSDALE	0	30	0	0	0
LENAWEE	282	2,932	108	0	240
MACOMB	0	1,290	0	0	0
MASSACHUSETTS	108,624	0	62	0	0
MONROE	231,339	25,096	44,399	0	11,559
NEW YORK	0	120	0	0	0
OAKLAND	0	64,580	10	0	4,780
OHIO	30,788	156,350	2,360	0	40
WASHTENAW	1,802	421	2,933	0	1,182
WAYNE	1,102,780	242,596	485,936	53,970	42,505
WEST VIRGINIA	120	0	9	0	0
TOTALS	4,100,138	651,905	1,145,246	53,970	60,306

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

CENTRAL SANITARY LANDFILL (MONTCALM COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	0	27	0	0	0
CLINTON	0	8	0	0	0
GRATIOT	16,475	710	653	0	0
IONIA	22,924	1,281	0	0	0
ISABELLA	14,676	22	20	483	0
KENT	420,388	13,742	1,717	11,502	3,113
LAKE	99	30	1,631	0	0
MASON	2	0	70	0	0
MECOSTA	55,155	44	2,414	0	539
MONTCALM	64,209	4,078	6,112	2,090	7,727
MUSKEGON	0	572	0	0	0
NEWAYGO	72,980	1,618	924	0	0
OSCEOLA	15,466	85	267	2	0
TOTALS	682,374	22,217	13,808	14,077	11,379

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

CITIZENS DISPOSAL, INC. (GENESEE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
BAY	2	12,863	86	0	40
CLINTON	0	10	603	0	755
EATON	0	90	721	0	0
GENESEE	403,961	158,894	330,207	0	50,007
GRATIOT	0	415	0	0	0
INGHAM	0	2,766	5,133	0	40
JACKSON	0	67	0	0	0
LAPEER	41,386	1,558	3,868	0	204
LENAWEE	125	0	0	0	0
LIVINGSTON	28,549	4,435	30,284	0	90
OAKLAND	47,957	2,240	27,651	0	3,013
SAGINAW	5,807	1,179	3,427	0	0
SANILAC	0	54,712	25	0	0
SHIAWASSEE	13,794	80	3,277	0	20
TUSCOLA	26,773	1,559	135	0	0
WASHTENAW	34	165	17	0	0
WAYNE	125	274	127	0	0
TOTALS	568,513	241,307	405,561	0	54,169

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

CITY ENVIRONMENTAL SERVICES INC OF WATERS (CRAWFORD COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALCONA	7,430	0	0	0	80
ALPENA	0	135	357	0	0
ANTRIM	4,015	6,960	1,640	0	170
ARENAC	5,869	0	0	0	0
CHARLEVOIX	9,423	2,710	2,512	40	420
CHEBOYGAN	4,790	30	321	0	0
CRAWFORD	22,777	11,297	6,841	0	8,390
EMMET	27	280	715	0	0
GRAND TRAVERSE	6,033	380	229	0	280
IOSCO	29,390	0	0	0	0
KALKASKA	1,001	10	138	0	20
MACKINAC	0	20	0	0	0
MONTMORENCY	0	50	0	0	0
OGEMAW	14,045	0	14	0	40
OTSEGO	23,493	1,010	3,487	0	650
PRESQUE ISLE	19	60	38	0	20
ROSCOMMON	1,522	0	1,222	0	0
TOTALS	129,834	22,942	17,514	40	10,070

CITY OF LIVONIA LANDFILL (WAYNE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
WAYNE	0	2,978	0	0	0
TOTALS	0	2,978	0	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

CITY OF MIDLAND SANITARY LANDFILL (MIDLAND COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
BAY	0	0	0	8,595	0
GLADWIN	0	0	4,136	0	0
MIDLAND	264,947	30,871	259,719	0	39,509
SAGINAW	0	0	636	2,025	0
TOTALS	264,947	30,871	264,491	10,620	39,509

CONSUMERS ENERGY DE KARN (BAY COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
N/A	0	0	0	0	0
TOTALS	0	0	0	0	0

CONSUMERS ENERGY J H CAMPBELL COMPLEX (OTTAWA COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
OTTAWA	0	163,750	0	0	0
TOTALS	0	163,750	0	0	0

CONSUMERS WEADOCK COMPLEX (BAY COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
BAY	0	562,508	0	0	0
TOTALS	0	562,508	0	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

COUNTY OF MUSKEGON - SOLID WASTE LANDFILL (MUSKEGON COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
LAKE	7,813	0	7,157	0	0
MUSKEGON	205,376	6,645	42,303	21,619	0
NEWAYGO	38,842	91	21,875	0	0
OCEANA	36,673	6	1,766	0	0
OTTAWA	10,662	84	2,838	0	0
TOTALS	299,366	6,826	75,939	21,619	0

DAFTER SANITARY LANDFILL (CHIPPEWA COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALGER	1,491	0	0	0	0
CANADA	38,983	0	0	0	0
CHIPPEWA	28,680	658	0	0	8,178
LUCE	7,689	0	0	0	0
MACKINAC	18,318	475	0	0	136
SCHOOLCRAFT	44	0	0	0	0
TOTALS	95,205	1,133	0	0	8,314

DELTA COUNTY LANDFILL (DELTA COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
DELTA	76,254	6,449	10,578	1,339	1,014
MENOMINEE	6,830	0	0	5,594	0
SCHOOLCRAFT	5,255	0	0	0	0
TOTALS	88,339	6,449	10,578	6,933	1,014

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

DETROIT EDISON CO RANGE RD ASH DISPOSAL (ST CLAIR COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
HURON	0	73,512	0	0	0
ST. CLAIR	0	82,737	0	0	0
TOTALS	0	156,249	0	0	0

DETROIT EDISON CO SIBLEY QUARRY (WAYNE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
MONROE	0	14,443	0	0	0
WAYNE	0	33,727	0	0	0
TOTALS	0	48,170	0	0	0

DTE MONROE POWER PLANT (MONROE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
MONROE	0	239,098	0	0	0
TOTALS	0	239,098	0	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

EAGLE VALLEY RECYCLE & DISPOSAL FACILITY (OAKLAND COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
GENESEE	2,279	50	0	0	0
LAPEER	6,534	2,862	0	0	0
LIVINGSTON	18,915	17,785	0	0	0
MACOMB	604,236	289,093	0	11,660	0
OAKLAND	6,622	65,048	388,488	65,968	0
WASHTENAW	24,640	0	0	0	0
WAYNE	0	3,729	0	51,040	0
TOTALS	663,226	378,567	388,488	128,668	0

EVER-GREEN LANDFILL AND RECYCLING CENTER, LLC (ONTONAGON COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
BARAGA	0	10,475	0	0	0
MENOMINEE	0	5,860	0	0	0
TOTALS	0	16,335	0	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

GFL NORTH MICHIGAN LANDFILL, LLC (PRESQUE ISLE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ANTRIM	2,128	0	0	0	0
CANADA	39,480	0	0	0	0
CHARLEVOIX	15	0	1,650	0	285
CHEBOYGAN	53,315	0	15,945	35,080	2,311
CHIPPEWA	111,841	0	0	0	0
EMMET	114,637	0	16,057	0	0
MACKINAC	0	0	195	0	0
PRESQUE ISLE	13,874	0	6,360	0	0
TOTALS	335,290	0	40,207	35,080	2,596

GLENS SANITARY LANDFILL (LEELANAU COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ANTRIM	293	0	121	0	0
BENZIE	260	2,620	3,215	0	0
GRAND TRAVERSE	41,901	1,349	16,008	0	224
KALKASKA	382	0	30	0	0
LEELANAU	18,520	53	6,212	0	0
MANISTEE	11	50	67	0	0
TOTALS	61,367	4,072	25,653	0	224

GRANGER GRAND RIVER LANDFILL (CLINTON COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
N/A	0	0	0	0	0
TOTALS	0	0	0	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

GRANGER WOOD STREET LANDFILL (CLINTON COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	20	0	0	0	0
BARRY	1,549	0	0	0	0
CALHOUN	51,149	0	0	0	0
CLINTON	162,414	0	0	0	0
EATON	199,704	0	0	0	0
GENESEE	479	0	0	0	0
GRATIOT	54,308	0	0	0	0
INGHAM	827,388	1,955	0	0	0
IONIA	49,874	0	0	0	0
ISABELLA	67,566	0	0	0	0
JACKSON	103,609	0	0	0	0
KALAMAZOO	313	0	0	0	0
LIVINGSTON	47,164	0	0	0	0
MONTCALM	56,235	0	0	0	0
OAKLAND	57	0	0	0	0
OTTAWA	38	0	0	0	0
SAGINAW	2,141	0	0	0	0
SHIAWASSEE	25,685	0	0	0	0
WASHTENAW	9,872	0	0	0	0
WAYNE	6	0	0	0	0
TOTALS	1,659,571	1,955	0	0	0

HAYWIRE LANDFILL (SCHOOLCRAFT COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
LUCE	0	33,588	0	0	0
SCHOOLCRAFT	0	26,981	0	0	0
TOTALS	0	60,569	0	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

HIAWATHA SHORES LANDFILL (SCHOOLCRAFT COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
GOGEBIC	21,611	0	0	0	0
SCHOOLCRAFT	23,937	22,801	2,476	0	0
TOTALS	45,548	22,801	2,476	0	0

HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL (OTTAWA COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
N/A	0	0	0	0	0
TOTALS	0	0	0	0	0

HURON LANDFILL CORP. - DBA HURON LANDFILL (HURON COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
HURON	65,017	37,683	22,527	0	73
LAPEER	4,568	0	704	0	0
SANILAC	14,105	0	3,271	0	0
TUSCOLA	38,453	8,885	7,191	0	0
TOTALS	122,143	46,568	33,693	0	73

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

K AND W LANDFILL, INC. (ONTONAGON COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
BARAGA	20,185	204	0	0	4,838
GOGEBIC	2,036	112	0	0	3
HOUGHTON	76,122	355	0	0	13,868
IRON	11,868	456	0	0	0
KEWEENAW	3,275	0	0	0	398
ONTONAGON	9,872	0	0	0	0
WISCONSIN	136,763	0	0	0	125
TOTALS	260,121	1,127	0	0	19,232

LAFARGE MIDWEST, INC. (ALPENA COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALPENA	0	295,506	0	0	0
TOTALS	0	295,506	0	0	0

LIBERTY ENVIRONMENTALISTS LANDFILL (JACKSON COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
CALHOUN	0	0	11,937	0	0
EATON	0	0	3,564	0	0
HILLSDALE	0	0	21,222	0	0
INGHAM	0	0	3,783	0	0
JACKSON	0	3,470	211,437	0	0
LENAWEE	0	0	16,179	0	0
OHIO	0	134,486	0	0	0
WASHTENAW	0	0	13,335	0	0
TOTALS	0	137,956	281,457	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

MANISTEE COUNTY LANDFILL, INC. (MANISTEE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
BENZIE	14,702	0	1,309	0	0
GRAND TRAVERSE	987	6,930	278	0	0
LAKE	4,889	790	1,181	0	0
LEELANAU	30	0	0	0	0
MANISTEE	82,831	200,074	10,276	0	0
MASON	86,538	3,711	7,055	0	0
WEXFORD	8,125	120	84	0	0
TOTALS	198,102	211,625	20,183	0	0

MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY (MARQUETTE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
MARQUETTE	110,395	0	61,969	0	0
TOTALS	110,395	0	61,969	0	0

MATLIN ROAD LANDFILL (MONROE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
JACKSON	0	0	30	0	0
MONROE	0	0	4,502	0	0
OAKLAND	0	0	150	0	0
WASHTENAW	0	0	2,732	0	0
TOTALS	0	0	7,414	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

MCGILL ROAD LANDFILL (JACKSON COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
CALHOUN	1,911	10,484	15	0	0
CLINTON	33	0	0	0	0
EATON	6,102	19	0	0	0
GENESEE	0	624	0	0	0
HILLSDALE	1,194	61,995	1,305	0	0
JACKSON	70,542	9,762	12,147	0	0
KALAMAZOO	20	0	0	0	0
LENAWEE	0	2,667	0	0	0
WASHTENAW	3,435	0	0	0	0
TOTALS	83,237	85,551	13,467	0	0

MICHIGAN ENVIRONS, INC. (MENOMINEE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
MENOMINEE	24,987	9,281	1,841	0	2,623
WISCONSIN	82,131	18,545	4,521	0	1,056
TOTALS	107,118	27,826	6,362	0	3,679

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

MONTMORENCY-OSCODA-ALPENA SWMA (MONTMORENCY COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALCONA	1,371	0	967	0	14
ALPENA	72,592	690	39,546	0	857
ANTRIM	1	0	0	0	0
CHEBOYGAN	584	0	2,890	0	0
CRAWFORD	35	0	5	0	0
EMMET	0	0	56	0	0
IOSCO	23,335	0	2,366	0	2
MONTMORENCY	27,396	0	6,763	458	393
OGEMAW	1,924	0	0	0	0
OSCODA	18,018	0	5,273	0	95
OTSEGO	2,197	0	929	0	1
PRESQUE ISLE	354	0	185	0	26
TOTALS	147,807	690	58,980	458	1,388

NIAGARA DEVELOPMENT LLC dba IN MICHIGAN AS NIAGARA DEVELOPMENT PARTNERS (DICKINSON COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
DICKINSON	0	1,566	769	0	0
WISCONSIN	0	0	111	0	0
TOTALS	0	1,566	880	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY (CLARE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALCONA	155	6,810	12	0	0
ARENAC	2,393	0	2	0	0
BAY	0	0	21	0	0
CLARE	53,786	1,241	33,389	0	2,036
GLADWIN	14,553	24	3,220	0	40
GRATIOT	15,181	750	769	0	0
IOSCO	1,196	60	0	0	0
ISABELLA	46,273	2,627	7,841	0	10,567
LAKE	2,592	0	626	0	0
MECOSTA	13,545	144	680	0	0
MISSAUKEE	5,523	16,134	2,429	0	0
MONTCALM	0	0	18	0	0
OGEMAW	303	65	78	0	0
OSCEOLA	6,323	1,875	3,741	0	0
ROSCOMMON	24,390	0	11,000	0	1,638
WEXFORD	5,123	40	688	0	20
TOTALS	191,336	29,770	64,514	0	14,301

OAKLAND HEIGHTS DEVELOPMENT, INC. (OAKLAND COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
GENESEE	98	0	11,390	0	0
LIVINGSTON	0	371	0	0	0
MACOMB	97,248	402	9,656	0	29,811
OAKLAND	450,581	6,053	175,375	0	36,240
TOTALS	547,927	6,826	196,421	0	66,051

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

ORCHARD HILL SANITARY LANDFILL (BERRIEN COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	2,751	0	0	0	0
BARRY	129	0	0	0	0
BERRIEN	195,114	0	0	0	0
BRANCH	268	0	0	0	0
CALHOUN	139	0	0	0	0
CASS	12,756	0	0	0	0
INDIANA	463	0	0	0	0
KALAMAZOO	373,431	0	0	0	0
OTTAWA	12	0	0	0	0
ST. JOSEPH	42	0	0	0	0
VAN BUREN	153,575	0	0	0	0
TOTALS	738,680	0	0	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

OTTAWA COUNTY FARMS LANDFILL (OTTAWA COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	180,549	718	648	0	193
BARRY	1,646	1,168	11	0	0
BERRIEN	85	10	0	0	0
CALHOUN	0	1,661	0	0	0
CLINTON	0	3	0	0	0
EATON	13	6	70	0	2
GRATIOT	0	10	0	0	0
IONIA	15	783	13	0	0
JACKSON	0	8	0	0	0
KALAMAZOO	444	48	11	0	0
KENT	174,773	59,684	26,827	76,654	97,758
MASON	89	14,131	106	0	0
MONTCALM	11	4,367	63	0	0
MUSKEGON	158,849	47,535	16,621	0	23,035
NEWAYGO	106	70	121	0	0
OCEANA	32,548	1,661	6,828	0	1,176
OSCEOLA	0	0	39	0	0
OTTAWA	268,922	68,984	38,474	6,696	11,849
ST. JOSEPH	15	0	0	0	0
VAN BUREN	33	107	0	0	0
TOTALS	818,098	200,954	89,832	83,350	134,013

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

PEOPLES LANDFILL, INC. (SAGINAW COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
BAY	139,076	2,420	4,640	0	0
CLINTON	0	0	41	0	0
GENESEE	9,485	14,750	2,174	0	866
GRATIOT	6,586	285	1,036	0	10
SAGINAW	321,988	22,650	59,484	0	14,430
SHIAWASSEE	7	100	67	0	0
TUSCOLA	6,408	4,500	5,825	0	680
TOTALS	483,550	44,705	73,267	0	15,986

PINE TREE ACRES, INC. (MACOMB COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
CANADA	5,072,904	0	0	0	0
LAPEER	19,047	890	0	0	0
MACOMB	1,817,148	124,410	39,588	145,895	0
OAKLAND	270	10,834	0	0	0
OHIO	0	920	72	0	0
WASHTENAW	0	1,280	0	0	0
WAYNE	61,524	198,648	723	212,006	0
TOTALS	6,970,893	336,982	40,383	357,901	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

PITSCH SANITARY LANDFILL (IONIA COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	75	0	873	0	0
BARRY	114	0	1,050	0	0
BRANCH	0	0	1,092	0	0
CALHOUN	0	0	2,235	0	0
CLARE	0	0	381	0	0
CLINTON	135	0	2,538	0	0
EATON	335	0	417	0	0
INGHAM	63	0	2	0	0
IONIA	7,095	29	26,373	0	0
IOSCO	0	0	426	0	0
ISABELLA	1,068	0	462	0	0
KALAMAZOO	0	0	7,065	0	0
KENT	12,108	0	205,395	0	0
MECOSTA	426	0	321	0	0
MONTCALM	12,378	63	27,147	0	0
MUSKEGON	0	0	4,302	0	0
NEWAYGO	0	0	45	0	0
OTTAWA	0	0	1,392	0	0
SHIAWASSEE	0	0	3	0	0
VAN BUREN	0	0	2,661	0	0
TOTALS	33,797	92	284,180	0	0

PRESQUE ISLE POWER PLANT ASH LANDFILL (MARQUETTE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
N/A	0	0	0	0	0
TOTALS	0	0	0	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

RACER SAGINAW NODULAR INDUSTRIAL LAND (SAGINAW COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
SAGINAW	0	8,030	257	0	0
TOTALS	0	8,030	257	0	0

REPUBLIC SERVICES OF PINCONNING (BAY COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ANTRIM	181	245	330	0	0
ARENAC	16,907	730	15,063	0	879
BAY	104,062	52,285	109,465	0	30,175
CLARE	8,355	1,401	1,535	0	0
EMMET	61	0	0	0	0
GENESEE	273	0	42	0	37
GLADWIN	36,466	150	16,747	0	2,217
GRAND TRVERSE	0	0	400	0	0
GRATIOT	0	0	120	0	3
IOSCO	30,562	366	26,580	0	0
ISABELLA	809	40	8,821	0	2,417
KALKASKA	0	0	380	0	0
MIDLAND	635	1,576	0	0	55
OGEMAW	17,346	190	20,014	0	1,380
ROSCOMMON	32,288	120	10,120	0	0
SAGINAW	34,822	4,220	8,703	0	745
TUSCOLA	90	40	0	0	70
TOTALS	282,857	61,363	218,320	0	37,978

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

RIVERVIEW LAND PRESERVE (WAYNE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
CANADA	200,655	0	1,109	0	0
LENAWEE	3,731	0	0	0	0
MACOMB	16,672	4,864	2	0	0
MONROE	299,215	1,126	4,105	0	0
OAKLAND	16,675	1,554	2	0	0
OHIO	0	528	0	0	0
WASHTENAW	46	281	29	0	0
WAYNE	760,068	339,192	521,513	0	0
TOTALS	1,297,062	347,545	526,760	0	0

SAUK TRAIL HILLS LANDFILL (WAYNE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
GENESEE	31	0	0	0	0
JACKSON	0	0	21	0	0
LENAWEE	65	633	26	0	0
LIVINGSTON	0	18	257	0	0
MACOMB	806	4,907	1,553	0	0
MONROE	64	27,301	2,114	0	4
OAKLAND	704	4,794	1,195	0	0
OHIO	0	484	0	0	0
ST. CLAIR	0	0	1	0	0
WASHINGTON	706,776	0	0	0	0
WASHTENAW	26,216	348	45,344	0	0
WAYNE	0	177,497	479,847	62,995	8,028
TOTALS	734,662	215,982	530,358	62,995	8,032

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

SC HOLDINGS, INC. (BARRY COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	2,234	662	32	0	0
BARRY	61,627	3,364	3,030	0	295
CALHOUN	36	1,379	0	0	0
CLINTON	3,303	1,326	0	0	0
EATON	36,877	4,090	102	0	0
HILLSDALE	36	0	0	0	0
INGHAM	2,772	410	164	0	0
IONIA	28,532	563	147	0	0
KALAMAZOO	7	60	0	0	0
KENT	14,277	7,913	52	0	0
MONTCALM	43	0	0	0	0
OTTAWA	50	770	0	0	0
TOTALS	149,794	20,537	3,527	0	295

SMITHS CREEK LANDFILL (ST CLAIR COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
CANADA	302,880	2,316	0	0	0
ST. CLAIR	494,561	28,208	114,972	20,982	4,589
TOTALS	797,441	30,524	114,972	20,982	4,589

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

SOUTH KENT LANDFILL (KENT COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	91,430	0	0	0	0
BARRY	20,488	0	0	0	0
CALHOUN	55	0	0	0	0
EATON	1,874	0	0	0	0
IONIA	1,375	0	0	0	0
KALAMAZOO	2,726	0	0	0	0
KENT	743,065	0	0	0	0
MECOSTA	145	0	0	0	0
MONTCALM	310	0	0	0	0
NEWAYGO	26	0	0	0	0
OCEANA	10	0	0	0	0
OTTAWA	34,087	0	0	0	0
TOTALS	895,591	0	0	0	0

SOUTHEAST BERRIEN COUNTY LANDFILL (BERRIEN COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
BERRIEN	513,208	22,100	13,956	3,481	10
CASS	79,558	1,380	48,392	7,706	0
ILLINOIS	0	0	0	40	0
INDIANA	271,105	28,397	51,955	7,788	108
TOTALS	863,871	51,877	114,303	19,015	118

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

SPARTA FOUNDRY WASTE FACILITY (KENT COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
KENT	0	1,471	0	40	0
TOTALS	0	1,471	0	40	0

ST MARYS CEMENT U.S., LLC (CHARLEVOIX COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
N/A	0	0	0	0	0
TOTALS	0	0	0	0	0

TRI-CITY RECYCLING AND DISPOSAL FACILITY (SANILAC COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
HURON	11,641	557	1,265	0	2,484
LAPEER	2,032	0	560	0	1,160
MACOMB	40	0	0	0	0
OAKLAND	10	0	0	0	0
SANILAC	41,170	9,095	3,422	0	500
TUSCOLA	6,098	83	1,070	0	160
TOTALS	60,991	9,735	6,317	0	4,304

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

VENICE PARK RECYCLING & DISPOSAL FACILITY (SHIAWASSEE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
BARAGA	0	180	0	0	0
BAY	30	0	0	0	0
CLINTON	9,215	3,050	146	0	120
EATON	2,823	260	58	0	20
GENESEE	163,758	19,600	17,634	0	1,178
GRATIOT	1,149	236	0	0	0
INGHAM	44,696	1,845	19,432	0	193
IONIA	448	0	1	0	0
LAPEER	16,633	120	271	0	0
LIVINGSTON	73,548	3,980	0	0	74
MACOMB	7	0	1	0	0
MONTCALM	3,625	1,290	0	0	160
OAKLAND	4,315	0	0	8,266	0
SAGINAW	2,983	20	16	0	228
SHIAWASSEE	96,155	65,973	1,217	0	715
WASHTENAW	2	10	0	0	0
WAYNE	0	1	0	25,567	0
TOTALS	419,387	96,565	38,776	33,833	2,688

VERSO ESCANABA, LLC (DELTA COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
DELTA	0	30,308	0	0	0
TOTALS	0	30,308	0	0	0

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

VERSO QUINNESEC, LLC (DICKINSON COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
DICKINSON	0	136,248	0	0	0
TOTALS	0	136,248	0	0	0

VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL (MONROE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
INDIANA	0	0	0	0	60
LENAWEE	34,185	11,370	6,990	0	60
MONROE	59,762	20,258	8,800	0	403
OHIO	516,471	234,149	132,077	347,480	42,653
WASHTENAW	0	1	0	0	20
WAYNE	44	1,270	1,020	0	756
TOTALS	610,462	267,048	148,887	347,480	43,952

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

WESTSIDE RECYCLING & DISPOSAL FACILITY (ST JOSEPH COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALLEGAN	1,020	3,174	0	0	40
BARRY	63	1,350	0	0	0
BERRIEN	23	101	11	0	0
BRANCH	19,621	7,783	31	0	1,038
CALHOUN	198,565	24,708	2,494	0	0
CASS	14,131	2,755	3,436	0	190
GENESEE	0	400	0	0	0
HILLSDALE	63	0	0	0	0
INDIANA	130,340	1,806	23	0	0
KALAMAZOO	73,508	218,395	5,318	0	20,879
ST. JOSEPH	106,326	97,349	3,422	36,182	11,981
VAN BUREN	9,476	1,027	73	0	20
TOTALS	553,136	358,848	14,808	36,182	34,148

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

WEXFORD COUNTY LANDFILL, LLC (WEXFORD COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ANTRIM	111,953	129	297	1	0
BENZIE	645	2,467	2,012	0	353
CHARLEVOIX	11,303	31	355	0	0
CLARE	5,215	0	192	0	419
CRAWFORD	4,937	473	262	2,870	666
EMMET	0	0	3,287	0	0
GRAND TRAVERSE	325,095	39	5,484	463	9,854
ILLINOIS	0	0	10	0	0
INDIANA	0	0	35	0	0
IOWA	0	0	7	0	0
KALKASKA	96,610	3,476	381	16,160	1,024
KANSAS	0	0	21	0	0
KENTUCKY	0	0	29	0	0
LAKE	458	0	857	812	0
MANISTEE	610	177	2,410	18	0
MASON	188	14	1,034	0	15
MINNESOTA	0	0	7	0	0
MISSAUKEE	23,940	0	5,731	551	10
MISSOURI	0	0	6	0	0
OHIO	0	0	22	0	0
OSCEOLA	15,959	3,864	7,970	1,936	2,331
OTSEGO	0	36	439	9,385	0
PENNSYLVANIA	0	0	0	9	0
WEST VIRGINIA	0	0	1	0	0
WEXFORD	55,388	3,985	39,669	9,634	392
WISCONSIN	0	0	30	0	0
TOTALS	652,301	14,691	70,548	41,839	15,064

APPENDIX B
LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2020
 (All Values are in Cubic Yards)

WOOD ISLAND WASTE MANAGEMENT, INC. (ALGER COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
ALGER	17,590	7,578	0	0	0
CHIPPEWA	1,922	0	0	0	0
DELTA	216	0	0	0	0
DICKINSON	110,328	975	0	0	0
HOUGHTON	5	0	0	0	0
IRON	58	0	0	0	0
LUCE	238	0	0	0	0
MARQUETTE	0	25	0	0	0
MENOMINEE	684	8,786	0	0	0
WISCONSIN	3,382	0	0	0	0
TOTALS	134,423	17,364	0	0	0

WOODLAND MEADOWS VAN BUREN (WAYNE COUNTY)					
ORIGIN	MCW	IW	C&D	ADC	CS
CANADA	0	3,400	0	0	0
CLINTON	0	480	0	0	0
JACKSON	114,023	1,164	0	0	0
KALAMAZOO	0	55,080	0	0	0
LENAWEE	0	2	0	0	10
LIVINGSTON	10,485	13,664	1	0	200
MACOMB	900	1,030	40,700	0	44,856
MONROE	122,464	12,549	22,696	0	2,671
OAKLAND	227,968	26,633	3,152	0	15,688
OHIO	653	37,822	17	0	0
WASHTENAW	211,279	15,898	5,484	0	25,388
WAYNE	2,108,454	732,132	1,048,481	0	561,730
TOTALS	2,796,226	899,854	1,120,531	0	650,543